

LAFAYETTE

RADIO



NEW YORK
100 SIXTH AVENUE
CHICAGO
807 W. JACKSON BLVD.
ATLANTA
285 PEACOCK ST.
BOSTON
110 FEDERAL ST.
BRONX
542 E. FORDHAM RD.
NEWARK
24 CENTRAL AVE.
JAMAICA, L. I.
80-82 TOULON ST.

Radio Wire Television Inc.

FORMERLY
WHOLESALE RADIO
SERVICE CO. INC.

CATALOG NO. 78



Sculptured PLASTICS

LAFAYETTE TINY TUNERS



5 TUBE AC-DC SUPER

HERE'S your chance to get that extra set you've always wanted—and at a price far below what you had expected to pay! This excellent performer is at home in any room in the house—put one in the kitchen, bedroom, den, library or any other "gathering" place and let it provide you with good entertainment. It not only looks good, it sounds natural and lifelike—and there's power to spare. Try one in your home for 30-days, at our risk.

"Antenn-Aire" Gets All The Stations

No need to bother with connecting wires when you own this set. The magic "Antenn-Aire" eliminates the need for either aerial or ground connections, and it actually "pulls in" all the stations you want to hear. You don't see it, but it works for you silently and efficiently. The tuning range covers from 528 to 1730 kilocycles (includes the popular high fidelity stations).

Crystal Clear "Beam" Power

The efficiently engineered superheterodyne circuit employs a type 35L6GT "Beam" tube in the output stage in order to insure distortionless, natural tones. In all, 5 tubes are used, and all are working tubes: 12SA7, 12SK7, 12SQ7, 35L6GT and 35Z5GT rectifier. The output is faithfully reproduced by means of a matched 5" electro-dynamic speaker of fine quality.

No worry about "current" problems either—this set plays on either alternating or direct current—just plug it into the nearest outlet.

Beautiful Plastic Case, Ivory or Walnut

Housed in gleaming plastic—a delight to the eye—your choice of either Walnut or Ivory. And don't forget, you can keep them spotless with a damp cloth.

Model BB-22 In Walnut Case

Lafayette 5-Tube A.C.-D.C. Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts d.c. or a.c. (50-60 cycles). Sizes: 9 1/4" x 7 1/8" x 5 1/2" deep. Shpg. wt. 9 lbs. Code BANJO.

YOUR COST

\$8.95

EACH

Model BB-23 In Ivory Case

Same as above, but in Ivory finished Case.

Code BIRCH.
YOUR COST

\$9.95

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

6 TUBE AC-DC SUPER

YOU'LL enjoy the convenience and luxury of perfected push-button tuning—you'll be pleasantly surprised by the "big-set" tone quality and volume—you'll admire and be proud of the sleek gracefulness of the gleaming plastic cabinet! And your pocketbook will heartily approve of the unusually low price quoted! Try one in your home for fully 30-days, at our risk.

The Magic "Antenn-Aire" Pulls in Stations

No messy wires to attach—no aerial—no ground! Amazing, isn't it? Lafayette's latest development makes this possible. Built right into the set, the Antenn-Aire literally pulls the stations in. It requires no attention, no adjustments.

Convenient, Easy Operation

You need only plug this set into the nearest outlet, either a.c. or d.c., turn it on and push a button for your favorite station. Five buttons are provided so that you can make a diversified selection, and they can be set in a jiffy. There's standard dial tuning too, for getting all the other stations. Tuning range covers from 540-1650 kilocycles—brings in all the American broadcasts.

Sounds Just Like A "Big Set"

The powerful superhet circuit, combined with an efficient electro-dynamic speaker provides excellent tone quality with more than ample volume. Each note is crisp and clear. Tubes used: 12SA7, 2-12SK7's, 12SQ7, 35L6GT "BEAM POWER" tube and 35Z5GT rect.

Model FE-5 In Walnut Case

Lafayette 6-Tube A.C.-D.C. Push-Button Super with Antenn-Aire. With tubes. For 110 volts d.c. or a.c. (50-60 cycles). Size 11 3/4" x 7 1/2" x 6 3/4" deep. Shpg. wt. 11 lbs. Code HARDY.

YOUR COST

\$11.95

EACH

Model FE-6 In Ivory Case

Same as above, in Ivory finished Case.

Code HINGE.
YOUR COST

\$12.95

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

WITH THE MAGIC
ANTENN-AIRE
NO WIRES TO ATTACH
JUST PLUG IN



PUSH-BUTTON TUNING

GEMS OF BEAUTY

WITH AMAZING FULL-BODIED TONE

6 TUBE AC-DC 2 BANDS

IT'S new, it's different, it has more worthwhile features than other sets selling at twice the price! That's why you should have this set in your home. It will provide you with the type of entertainment usually associated with large console sets yet it's easy on your pocketbook! Try one for 30-days at our risk! "ANTENN-AIRE" built right into the set, eliminates the need for aerial and ground connections and actually pulls in the stations (on broadcast band only). Provisions for external antenna (desirable for efficient short-wave reception).

TWO-BANDS: covers from 540 to 1650 kc (standard broadcast) and from 5.7 to 18 mc. (16.6 to 52.7 meters) to bring in the popular foreign short-wave programs and many others.

EXCELLENT TONE AND VOLUME are provided by the "beam" output circuit plus an efficient dynamic speaker.

Tubes used: 6SA7GT, 6SK7GT, 6P5GT, 6SQ7GT, 25L6GT "Beam" tube, 25Z6GT rectifier and a BM49B Ballast tube.

OTHER FEATURES: Powerful Automatic Volume Control; provision for phono or TELEVISION SOUND INPUT; rotary, full-view dial.

Model D-72 In Walnut Case

Lafayette 6-Tube A.C.-D.C. Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts d.c. or a.c. (50/60 cycles). Size: 12½" x 7" x 7¾". Shpg. wt. 15 lbs. Code WALES.

\$12.95

YOUR COST

Model D-73 In Ivory Case

Same as above, in Ivory Case.

\$13.95

Code WATER. YOUR COST

For 220 volt adapter cord, add 75c

6 Tube A.C. Model

Essentially the same as the models described above, but for 110 volts, 60 cycles a.c. ONLY. No "beam power" tubes. Uses: 6SA7GT, 6SK7GT, 6P5GT, 6SQ7GT, 6K6GT and 5W4GT rectifier.

MODEL D-76 In Walnut Case

In Walnut Case. Code WHIST.

\$13.95

YOUR COST

MODEL D-77 In Ivory Case

In Ivory Case. Code WOLFE.

\$14.95

YOUR COST

For 220 volt operation, add \$2.00

5 TUBE AC-DC SUPER

SMART styling — excellent performance — new, simplified methods of operation! These are all inherent characteristics of this fine Lafayette superhet. Examine the features below and you'll know that here is VALUE personified. And remember, we allow you to put it through its paces—make it pass every test right in your own home—for 30-days, at our risk!

"ANTENN-AIRE", the latest Lafayette achievement, eliminates the need for aerial and ground wires. You just plug the line cord in, turn on and tune. Provisions for external aerial are included, for those living far from broadcast stations.

PUSH-BUTTON TUNING: 6 buttons on the front panel for instant selection of one of your six favorite stations! Buttons can be set in a jiffy, and settings can be changed whenever desired. There's manual tuning, too, for getting all the other stations within the tuning range which is from 540 to 1650 kc.

"BEAM POWER" Output provides clear, undistorted tones with power to spare. Five of the latest "Bantam" tubes are used, including: 12A8GT, 12K7GT, 12Q7GT, 35L6GT "Beam" output tube and 35Z5GT rectifier. Output is efficiently reproduced by a matched Permanent Magnet Dynamic speaker of fine quality.

PLAYS ANYWHERE—no "current problems" to plague you. Just plug this set into the nearest outlet, either alternating or direct current, and it's ready to perform.

Other circuit features include: Automatic Volume Control; oversized filters for humless reception; "thermometer" type dial.

Model BE-79 In Walnut Case

Lafayette 5-Tube A.C.-D.C. Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts d.c. or a.c. (50-60 cycles). Size: 10½" x 5½" x 6½" High. Shpg. wt. 12 lbs. Code BIJOU.

\$9.95

YOUR COST

Model BE-78 In Ivory Case

As above, in Ivory Case. Code BALAD.

\$10.95

YOUR COST

For 220-volt adapter cord, add 75c

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CARRY IT WITH YOU

WITH THE MAGIC
ANTENN-AIRE
NO WIRES TO ATTACH
JUST PLUG IN

PUSH-BUTTON TUNING

1



WE HAVE CROSSED THE

For twenty years we here at Wholesale Radio Service Company have blazed new trails in Public Service. Scarcely a phase of the communications field has been left untouched during the years of our growth. Today thousands of discriminating buyers in every land are listed among our satisfied customers. For into every shipment we have always put more than just top-flight merchandise.

It has been this spirit of extra service that has enabled us to grow from a modest shop into a world-wide organization. We operate, seven retail branches today, with three giant central distributing points from which flow thousands of shipments daily.

As we have grown however, so too have grown the demands of the people we serve. Industry, for new and better materials; individuals, for finer instruments and forms of reception. We have lived to see many new developments replace the old, many of our former services, once essential no longer required. In fact, our very name for so many years perfectly adapted to our business now belongs to yesterday. It does not fit with our plans for tomorrow.

Radio

THRESHOLD OF TOMORROW

Naturally, we were attached to our old name, but sentiment has no place in progress. And so from now on we shall be known as

Radio Wire Television Inc.

A name selected because it accurately pictures the very business we are engaged in

What do we mean? Let's look at that name more closely.

Radio . . . Up through the years we have grown and expanded with Radio — very backbone of our business. Yet even in the face of today's magic, life-like reception, much remains to be done. So naturally Radio Broadcasting will continue to engage our interest.

Wire . . . A new service gaining momentum with each day is WIRE BROADCASTING. Already many of today's entertainment forms are available by means of wire with great fidelity, reliability, and economy. We believe that soon the art of broadcasting by wire will encompass the transmission of both sight and sound. Every current technological development points to this end.

Television Third and newest term in our name. Breath-taking is television's power to reproduce for man's entertainment and knowledge, the life and happenings of

storied lands afar, the news events that will make tomorrow's headlines. With television a vast new field of human relationship is magically thrown open. Which ever way you choose to receive your television programs, by wire or radio, we will offer the finest services available anywhere.

The new name, thus embodies all of these features which from now on are to comprise the principal part of our business. Radio Wire Television Inc. proposes to extend its activities into every phase of the electronic art. Several associate enterprises which control important patents relating to the entire communications field have already been merged with our company. With these patents, we hope to throw open a vast number of new services to the general public.

Of special interest are plans to expand the number of retail outlets for Radio Wire Television Inc. in order that local branches may be placed at the disposal of all who are interested in finer entertainment services, better products and lower costs.

Radio Wire Television Inc. is licensed by arrangement with Electrical Research Products, Inc., under the patents of Western Electric Company, Bell Telephone Laboratories, Inc., and American Telephone and Telegraph Company.

Wire Television Inc.



6-TUBE A.C.-D.C.

WHETHER said "comparisons are odious" evidently had a poor product to sell. We want you to COMPARE this set with others in the same price range—check all operating features—in order to prove that model D-66 is a better value. In fact, we want you to try one in your own home for fully 30 days, at our risk!

It incorporates the "ANTENN-AIRE", that magical device that eliminates the need for any outside aerial (except where reception is unusually difficult). There are provisions for connecting an aerial, if necessary. The superhet circuit employs a "BEAM POWER" output tube that provides added volume and better tone quality. Tubes used are: 6SA7GT oscillator-converter, 6SK7GT i.f. amp., 6P5GT second detector and a.v.c., 6SQ7GT first audio, 25L6GT "beam" output, 25Z6GT rectifier and a BM49-B ballast tube. Tuning range covers from 540 to 1730 kilocycles. Other features include: Automatic Volume Control; illuminated full-view dial; tip jacks and switch for phono or TELEVISION SOUND input.

Model D-66

Lafayette 6-Tube (plus ballast) A.C.-D.C. Superhet complete with tubes. For 110 volts a.c. or d.c. Size: 12½" x 8" x 8" deep.

Shpg. wt. 12 lbs. **\$10.95**
Code WEDGE. YOUR COST.....
For 220 volt adapter cord, add75c

\$10.95

LAFAYETTE

5-TUBE A.C.-D.C.

IT'S as easy to use as your toaster—as entertaining as any small radio can be—and it bears a typical Lafayette low-price tag! You'll like its smart styling, too, for the Plastic case adds color and charm to the room. And look at these features . . .

NO AERIAL OR GROUND: Absolutely no wire connections to make—just plug into the nearest outlet, turn on and tune. A unique arrangement makes use of the power line itself for an aerial.

"BEAM POWER" OUTPUT: This results in distortionless, high power output—the reason for the excellent tone quality afforded. "Bantam" tubes are used throughout: 12SA7, 12SK7, 12SQ7, 50L6GT "beam" tube and 35Z5GT rectifier tube.

ILLUMINATED DIAL: Airplane type, full vision. Calibrated in meters and kilocycles. Tuning range covers the domestic broadcast band.

Model E-64 In Walnut Case

Lafayette 5-Tube A.C.-D.C. Superhet complete with tubes, in Walnut plastic case. Size: 8" x 5" x 5½" deep. Shpg. wt. 10 lbs.

Code EMBER. **\$7.95**
YOUR COST.....

Model E-65 In Ivory Case

As above, in Ivory finished case. **\$8.95**

Code EQUAL. YOUR COST.....
For 220 volt adapter cord, add75c

\$7.95

IN WALNUT

SUPER VALUES

4-TUBE A.C.-D.C.

IT'S neat—it's durable—and it's a good performer.

That's why this new Lafayette is so well suited for use as an auxiliary radio or as a gift that will be appreciated. It's housed in an attractively styled PLASTIC case that adds charm to its surroundings—and it costs no more than an average pair of shoes! Four working tubes plus a ballast are used in the a.c.-d.c. circuit: 6K7GT, 6J7GT, 25L6GT "BEAM POWER" tube (this accounts for the exceptional power and clarity), 25Z6GT rectifier and BM55B ballast. A 5" matched dynamic speaker reproduces the output.

All the domestic broadcast stations are within its tuning range, and adjustments are simplified by the use of an illuminated full-vision dial.

Model JA-89 In Walnut Case

Lafayette 4-Tube A.C.-D.C. Compact in Walnut plastic case 10¼" x 5¾" x 5½" deep. With all tubes and factory attached aerial wire. For 110 volts a.c. or d.c. Shpg. wt. 11 lbs.

Code AGLOW. **\$6.95**
YOUR COST.....

Model JA-93 In Ivory Case

Same as above, in Ivory finished plastic case. **\$7.75**

Code ADOBE. YOUR COST.....
For 220 volt adapter cord, add75c

\$6.95

IN WALNUT



Console PERFORMANCE



AC.DC VERSATILITY



Economy PRICES

7 TUBE 3 BAND AC-DC



\$19.95

WE'VE packed added power—greater tuning range—new, beautiful styling into this deluxe table model. It will provide you with a great variety of entertainment—with all the quality of sets selling at twice the price quoted! Convince yourself of its merit by trying one in your own home for 30-days AT OUR RISK!

Many features usually associated with the large console models are incorporated, including:

LIMITED WORLD-WIDE RANGE: Three tuning bands bring you a world of reception from far off places. Band one, from 540 to 1650 kc (182-556 meters), covers the domestic broadcasts; band two, covering from 2.2 to 7.0 mc (42.8-136 meters), brings in the popular foreign short wave programs, amateur calls, etc.; band three, covering from 7.5 to 24 mc (13-40 meters), encompasses the high frequency foreign short-wave stations, amateur and experimental calls, and many others.

"ANTENN-AIRE": A Lafayette device that permits satisfactory broadcast band reception without the need for an outside aerial (except in outlying districts). For short wave reception, an aerial must be used (terminals provided).

RESERVE POWER: The powerful superhet circuit employs the latest "bantam" tubes, including a "BEAM POWER" output stage that insures distortionless reception. Uses: 6SA7GT osc.-converter, 6SK7GT i.f. amp., 6P5GT sec. det. and a.v.c., 6SQ7GT first audio, 25L6GT "beam" output tube, 25Z6GT rectifier, 6U5 "eye" and BM42C ballast.

VISUAL TUNING: Critical tuning is simplified by means of the cathode ray tuning "eye" tube that permits visual adjustments. There is also a slide-rule dial, fully calibrated, for manual station selections.

Other features are: 3-position TONE CONTROL; tip jacks and switch for phono or TELEVISION SOUND INPUT; 6" dynamic speaker.

Model D-33

Lafayette 7-Tube 3-Band A.C.-D.C. Superhet complete with tubes and built-in "Antenn-Aire". For 110 volts, a.c. or d.c. Size: 18 1/4" wide, 10 1/4" high, 9" deep. Shpg. wt. 19 lb. **\$19.95**

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



Matched Dynamic Speakers For True Fidelity

WITH THE MAGIC
ANTENN-AIRE

Plug into any Outlet



LOOK to Lafayette for better radio values! This trulism is again born out by this superior table model receiver. Into its compact, beautiful Walnut cabinet we've built greater power—wider tuning range—better tone quality—and, of course, a typical Lafayette "dollar-saver" price!

GETS SHORT-WAVE PROGRAMS: In addition to the standard domestic broadcast programs from 540 to 1650 kc (182-556 meters), this receiver gets the popular foreign short-wave programs, amateur calls, etc. on the 5.7 to 16 mc band (16.7-52.7 meters). Band switch operated from a panel knob, and station selection is made simple by the use of an illuminated slide-rule dial.

IMPROVED SENSITIVITY: By using the latest, most advanced circuits and tubes, improved operating characteristics have been provided. Sensitivity and selectivity are unusually good.

RESERVE POWER: The "bantam" tube superhet circuit makes use of a "BEAM POWER" output tube to insure reserve power and minimum distortion. Tones have "in the studio" quality. Tubes used: 6SA7GT osc.-converter, 6SK7GT i.f. amp., 6P5GT sec. det. and a.v.c., 6SQ7GT first audio, 25L6GT "beam" tube 25Z6GT rect. and BM49C ballast.

TELEVISION SOUND INPUT, plus phono input provided for by means of tip jacks and switch on the chassis! "ANTENN-AIRE", permits good broadcast reception without an outside aerial; short-wave programs can only be received when outside aerial is used.

Model D-9

Lafayette 6-Tube A.C.-D.C. 2-Band Superhet complete with built-in "Antenn-Aire" and all tubes. For 110 volts a.c. or d.c. Size: 17 3/4" wide, 9 3/4" high, 8 3/4" deep. Shpg. wt. 16 lbs.

Code WESER. **\$14.95**
YOUR COST
For 220 volt adapter cord, add.....75c

6 TUBE 2 BAND AC-DC



\$14.95

5

Lafayette

PERSONAL RADIOS

Amazing Values in Beauty & Tone



\$11.95

6TUBE AC SUPER

GOOD entertainment is less expensive than ever before. Take model D-90 for example. It will help you to spend many pleasurable hours that might otherwise be boring—it will keep you in touch with world events—with sports, fashions, the latest music hits. Yet it's priced so that your budget won't be strained. Try one in your home for 30-days—at our risk: you'll be pleased with the performance and styling of model D-90. The superhet circuit embodies many features usually associated with more expensive radios, including:

"ANTENN-AIRE", a built-in loop aerial which, under usual conditions, eliminates the need for an outside aerial. Terminals for external aerial connection are included, for use wherever it is required. **EXTENDED RANGE** covering from 540 to 1730 kilocycles, includes all the domestic programs plus the popular high fidelity stations and police calls. **HIGH SENSITIVITY**, (greater station getting ability) is provided by the powerful superhet circuit which uses 1-6SA7GT osc.-converter, 1-6SK7GT i.f. amp., 1-6P5GT second detector and a.v.c., 1-6SQ7GT first audio, 1-6K6GT power tube, 1-5W4GT rect. **5" DYNAMIC SPEAKER**, matched to the set output, affords fine tone quality with little distortion. **AUTOMATIC VOLUME CONTROL** minimizes fading; maintains volume at a constant level. **TELEVISION SOUND OR PHONO INPUT**: tip jacks and switch on the chassis permit phonograph or Television Sound input connections. This set is ready for future developments in television. **ILLUMINATED DIAL**, full vision type, is fully calibrated. Station selection is simplified. **WALNUT CABINET**: the entire receiver is housed in an attractively styled cabinet constructed of Walnut veneers. Speaker opening fronted by three walnut pilasters.

Model D-90

Lafayette 6-Tube A.C. Super complete with tubes. For 110 volts, 60 cycles a.c. Size: 12½" wide, 8" high, 8" deep. Shpg. wt. 14 lbs. **\$11.95**
Code WRACK.
YOUR COST
For 220 volt, 40/60 cycle a.c. operation, add \$2.00

5TUBE AC-DC 2BAND



\$10.95
IN WALNUT

HERE is a personal set with "personality"—the radio that you'll choose for your bedroom, den or kitchen. Its distinctive styling plus the fine and varied entertainment it affords gives it a high rating in the Lafayette "value parade". When you see and hear this set, you'll want it (that's why we allow you to try one in your home for 30-days, at our risk!)

The fine tone quality, high sensitivity and selectivity characteristics, the extra power—all are made possible by the excellently engineered superhet circuit which features:

"ANTENN-AIRE", a built-in loop aerial for broadcast reception only. Under normal conditions, it eliminates the need for an outside aerial for domestic reception. For short-wave programs, an external aerial is necessary; terminals for connecting one are incorporated.

TWO BAND RECEPTION: the set tunes from 185 to 556 meters to bring you the domestic programs, and from 42.8 to 125 meters for foreign short-wave stations, amateur calls, etc.

MODERN SUPERHET CIRCUIT uses five of the latest type tubes plus a ballast. These are: 6A8GT, 6K7GT, 6SQ7GT, 25L6GT "BEAM POWER" output tube, 25Z6GT rectifier and BM49B ballast. The circuit operates on either alternating or direct current.

SLIDE-RULE DIAL, fully calibrated and well illuminated, makes critical tuning simple.

Other features include: Automatic Volume Control, matched dynamic speaker, efficient baffle.

PLASTIC CASE: the receiver is housed in a beautiful plastic case that is available in either Walnut or in Ivory finish. Case is washable.

Dimensions are: 11½" wide, 7" high and 6½" deep. Approved all-rubber cord and plug included.

Model JA-87 In Walnut Case

Lafayette 5-Tube A.C.-D.C. 2-Band Superhet in Walnut plastic case. For 110 volts a.c. or d.c. **\$10.95**
Shpg. wt. 15 lbs.

Code ACORN. **YOUR COST**
Model JA-84 In Ivory Case

Same as above, in Ivory finished case. **\$11.45**
Code ADULT. **YOUR COST**
For 220 volt adapter cord, either model, add 75c



LAFAYETTE PORTABLES

THEY PLAY
Wherever you go



WITH MAGIC ANTENN-AIRE-SELF-POWERED-NO WIRES TO ATTACH-JUST TUNE IN-INSTANT OPERATION

5-TUBE "3-in-1" PORTABLE

HERE is radio styled to the minute! This seasoned Tourist is ready to accompany you wherever you go—to entertain you on command. It works anywhere—from self-contained batteries, from 110 volts a.c. or 110 volts d.c. And there are NO WIRES TO CONNECT—you just turn it on and tune. Its extended tuning range brings you all the popular domestic programs, with good tone and more than ample volume. Take one to the beach, hotel or summer resort—carry one on the boat trip or on the train and the Tourist will become your best friend! A neat airplane luggage case houses the 5-tube superhet chassis, loop aerial, speaker and batteries. Tubes used: 1A7G, 1N5G, 1H5G, 1Q5G and 35Z4 3T. Batteries used: 2-45 volt "B" and 1-6 volt "A". Drain is low; batteries have a life of approximately 200 hours.

SPECIAL-ALSO OPERATES ON 110V. AC OR DC

Model E-80

Lafayette 5-Tube "3-In-1" Tourist Portable in airplane luggage case with drop front. Size: 11 $\frac{3}{4}$ "x11 $\frac{3}{4}$ "x7 $\frac{3}{4}$ " deep. With tubes. Shpg. wt. 22 lbs. Code ETUDE. **YOUR COST, LESS BATTERIES..... \$19.95**
K20162—Kit of batteries for above. **\$2.65**
YOUR COST..... \$2.65



5-TUBE DELUXE PORTABLE

THE most sensational radio to be developed in years! A bold statement to make, but the Rover has proven its superiority in actual use. Its remarkable sensitivity, its unusually fine tone quality, its ability to pull in all the domestic stations makes this receiver a stand-out value! The stamp of approval has been placed on the Rover by the research laboratory—you will add your plaudits when you own this better set! The Rover operates entirely from its built-in batteries. There are no "current" problems—NO CONNECTIONS TO MAKE! Just turn it on and tune in your favorite stations. The exceptional 5-tube superhet circuit is coupled to a matched 5" PM Dynamic speaker that affords true, distortionless tones. Low-drain tubes are used: 2-1N5G's, 1-1A7G, 1-1H5G and 1-1C5G. Batteries required: one 1 $\frac{1}{2}$ -volt "A" and two 45-volt "B"s. A dial "current" indicator shows when the set is turned on.

Model BB-70

Lafayette "Rover" 5-Tube Battery Portable in airplane luggage case 7"x13 $\frac{3}{4}$ "x8" deep. With tubes. Shpg. wt. 21 lbs. Code BABLE. **YOUR COST, LESS BATTERIES..... \$16.95**
K20145—Kit of batteries for above..... **\$2.45**



4-TUBE LIGHTWEIGHT

As easy to carry as a brief case—and a good little performer too. The "Petite" measures only 12 $\frac{1}{4}$ "x7 $\frac{1}{2}$ "x5 $\frac{1}{2}$ " and weighs only 12 pounds complete with batteries, yet it brings in the domestic stations with satisfactory quality. Take one with you the next time you travel. You'll never have to think about current, outside aerial, ground or anything else. The Petite carries its own power supply, its own built-in aerial. NO WIRES TO CONNECT—just turn on and tune. Four low-drain tubes are used in the superhet circuit, including: 1A7GT, 1N5GT, 1H5GT and 1C1GT. Power is supplied by special compact batteries that provide approximately 200 to 250 hours of service. The entire mechanism is housed in a neatly styled portable case that's covered with durable alligator grain leatherette. It has a sturdy carrying handle.

Model S-50

Lafayette "Petite" 4-Tube Lightweight Battery Portable complete with tubes. Shpg. wt. 17 lbs. Code PETAL. **YOUR COST, LESS BATTERIES..... \$11.95**
K20164—Kit of batteries for above..... **\$2.50**



NOTE: Although our famous 30-day home trial guarantee applies to all Lafayette battery sets, batteries themselves (for obvious reasons) are not subject to return for credit or refund.

IN-INSTANT OPERATION

STRIKES A NEW NOTE

Lafayette

7 TUBE AC 3 BAND

YOU'LL like model D-42—you should own one. Not only because it's attractively designed and finished so that it will add charm to its surroundings, but because it provides a new, better, more luxurious type of radio entertainment. It's easy to SEE the value you get, but you must HEAR this set to appreciate its true worth. That's why we want you to try one in your home for 30-days, at our risk!

First, you'll be amazed by the magic "ANTENN-AIRE" that's built-in. It eliminates all need for an outside aerial for broadcast reception. You just plug into the nearest outlet, turn the set on, and the stations come in with volume to spare. For short-wave tuning, however, an outside aerial is necessary; terminals are provided for its connection.

Then, you're bound to notice the ease with which stations can be brought in right at their "peak". This, of course, is due to the efficient "eye" tube that lets you SEE when your station is properly adjusted. There's a large slide-rule type illuminated dial to further simplify station selection.

And practically every worth-while type of radio entertainment is available on model D-42's three tuning bands. American broadcast programs from 540 to 1650 kc (182-556 meters); foreign short-wave and amateur programs from 2.2 to 7 mc (42.9-136 meters); amateurs, foreign short-wave, experimental and other forms of entertainment from 7.5 to 24 mc (13-40 meters). Band switch knob on the panel.

You'll thrill to the clear, natural tones, too. And for good reason. The powerful "bantam" tube superhet is designed to provide excellent fidelity, and uses: 6SA7GT osc.—converter, 6SK7GT i.f. amp., 6P5GT sec. detector and a.v.c., 6SQ7GT first audio, 6K6GT power tube, 5W4GT rectifier and 6U5 "eye" tube. A matched 6" dynamic speaker is employed.

Other features: three position TONE CONTROL; tip jacks and switch for phono and TELEVISION SOUND input.

Model D-42

Lafayette 7-Tube 3-Band A.C. Super with built-in "Antenn-Aire". Complete with tubes. For 110 volts, 60 cycles a.c. Size: 8 1/4" wide, 10 1/4" high and 9" deep. Shpg. wt. 25 lbs.
Code WRITE.
YOUR COST \$19.95
For 220 volt, 40/60 cycle a.c. operation, add . . . \$2.50



with **MAGIC ANTENN-AIRE**

6 TUBE AC 2 BAND

FEW of us can afford to say "price is no object"—and few of us like to sacrifice quality for price. No need to make any sacrifices when you're in the market for a table model radio, however, for Model D-26 solves all your problems. This fine performer will provide you with entertainment comparable to that afforded by larger console models—and it's priced to fit the slim budget! We want to PROVE that it's an exceptional value, too—that's why we allow you to try one in your own home, under exact operating conditions, for fully 30-days AT OUR RISK!

Housed in a neatly styled cabinet of selected Walnut veneers, this set incorporates many of the latest radio advancements—features that make for improved reception. For example:

"ANTENN-AIRE", the magical new development that eliminates the need for any aerial connections, is built-in. It operates on the broadcast band only, however; for short-wave tuning an outside aerial must be connected (terminals for this purpose incorporated).

TWO-BAND TUNING: covering from 540 to 1650 kc to bring you all the standard American broadcasts; from 5.7 to 18 mc (16.7 to 52.7 meters) to bring you the popular European short-wave programs plus innumerable amateur and experimental signals.

SLIDE-RULE DIAL, fully illuminated and with each band individually calibrated. Accurate tuning is a simple accomplishment.

NATURAL TONE QUALITY provided by the efficient "bantam" tube circuit that uses: 6SA7GT osc.—converter, 6SK7GT i.f. amp., 6P5GT second detector and a.v.c., 6SQ7GT first audio, 6K6GT power output and 5W4GT rectifier.

6" DYNAMIC SPEAKER that capably handles the set output and reproduces all notes with good fidelity. It's properly baffled.

Provisions are made for **TELEVISION SOUND** and phonograph input; tip jacks and switch on rear of chassis for this purpose. Powerful Automatic Volume Control circuit minimizes fading and prevents inter-station "blasting".

Model D-26

Lafayette 6-Tube A.C. 2-Band Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts, 60 cycles a.c. Size: 17 3/4" wide, 9 3/4" high, 8 3/4" deep. Shpg. wt. 22 lbs.
Code **WHELM.**
YOUR COST \$15.95
EACH
For 220 volts, 40/60 cycles, add \$2.00

with **MAGIC ANTENN-AIRE**



IN BEAUTY AND SUPERB TONE FIDELITY

Quality Receivers within reach of everyone

8 TUBE AC 3 BAND WITH 8" Dynamic Speaker

THE magic carpet has nothing on this deluxe table model radio! For, relaxed in the comfort of your living room chair, you can "listen in" on the world. Music drama, news and innumerable other forms of entertainment from far places—all ready to do your bidding. And because the powerful super heterodyne circuit is coupled to a matched 8" dynamic speaker, you get "living" tone—all notes in the audible range are clear and crisp. Try one in your home now—we give you fully 30-days to prove to yourself that it's all we claim it to be!

"ANTENN-AIRE", built into the set, eliminates the need for an outside aerial when tuning in the broadcast band (except in outlying districts). For short-wave reception, an outside aerial must be employed; terminals for connecting one are incorporated.

LIMITED ALL-WORLD COVERAGE: Practically all forms of radio entertainment are within the scope of this receiver. Three bands cover from 540 to 1650 kc (182 to 356 meters), from 2.2 to 7 mc (42.9 to 136 meters) and from 7.5 to 24 mc (13 to 40 meters). You can tune amateurs, foreign short-wave, experimental and standard American broadcast programs.

VISUAL TUNING is afforded by the cathode ray tuning dial too, with each band calibrated. "eye" tubes. With this device, you can tune with hair-line accuracy every time. There's a large slide-rule

EXCELLENT TONE is provided by the 8-tube superhet circuit which feeds into a matched 8" electro-dynamic speaker. Tubes used: 6SA7GT converter, 6P5GT oscillator, 6SK7GT i.f. amplifier, 6F5GT second detector, 6SQ7GT first audio, 6K6GT output amp., 5W4GT rectifier and 6U5 cathode ray "eye" tube. Other features include: **Tone Control** powerful Automatic Volume Control, tipjacks and switch for TELEVISION SOUND INPUT and Phono.

Model D-71

Lafayette 8-Tube A.C. 3-Band Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts, 60 cycles a.c. Size: 18 3/4" wide, 10 1/4" high, 9 1/4" deep. Shpg. wt. 25 lbs. Code **WHEAT**. **YOUR COST** \$24.95
For 220 volts, 40/60 cycles a.c., add \$2.50



with **MAGIC ANTENN-AIRE**

8 TUBE AC SINGLE BAND



THIS receiver has been especially designed for the music lover—for those uninterested in multi-wave reception, but who demand true high fidelity reception on the broadcast band only. Every circuit requirement necessary to fulfill this desire, and more too, has been incorporated in its manufacture. We present it for your approval, knowing that you will be more than pleased with its full rich tones, with its attractive appearance, and with its unusually low price! Check the features listed below—compare with other sets selling at twice the price—and remember, we give you fully 30-days trial in your own home, at our risk!

"ANTENN-AIRE"—it eliminates the need for unsightly aerial wires (except in outlying districts). Pulls in all stations with volume to spare.

TUNING "EYE"—insures hairline tuning accuracy by VISUAL means. There's a large, calibrated slide-rule dial, too.

EXTENDED RANGE—from 540 to 1730 kilocycles. Includes the popular high fidelity stations.

HIGH SENSITIVITY: the "bantam" tube circuit uses: 6SA7GT converter, 6P5GT osc., 6SK7GT i.f. amp., 6P5GT second det., 6SQ7GT first audio, 6K6GT output, 5W4GT rect., 6U5 "eye". Sensitivity and selectivity are unusually good.

8" DYNAMIC SPEAKER—a fine quality unit that reproduces every note in the scale with "studio" brilliance—makes music "live".

3-POSITION TONE CONTROL permits compensation for various room acoustics.

TELEVISION SOUND INPUT—jack on chassis provides for this future type of entertainment.

PHONOGRAPH TERMINALS—so that a record player can be attached with ease.

Model D-69

Lafayette 8-Tube A.C. Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts, 60 cycles a.c. Size: 18 3/4" wide, 10 1/4" high, 9 1/4" deep. Shpg. wt. 24 lbs. Code **WHEAT**. **YOUR COST** \$22.50
For 220 volts, 40/60 cycles a.c., add \$2.50



with **MAGIC ANTENN-AIRE**

the QUALITY, the PERFORMANCE and the FEATURES of EXPENSIVE CONSOLES

I COULDN'T DO WITHOUT MY NEW LAFAYETTE RADIO. I LIKE IT MORE EVERY DAY!



NOW I HAVE A RADIO OF MY VERY OWN!— I CAN LISTEN TO THE PROGRAMS I WANT!



JUST WHAT MY DEN NEEDED. AND BOY— THEY'RE EASY ON THE BUDGET!



Lafayette

6 TUBE 2 BAND AC-DC Custom Built



\$18.45

ALL the qualities of a fine console radio are embodied in this deluxe custom built compact receiver! Extra sensitivity—better tone quality—greater ease of operation—the magic "Antenn-Aire"—all these, and more, are yours to command when you own model BB-27. Prove to yourself that this performer is unique, that it's a BEST BUY by trying one in your own home for 30-days at our risk! The new, improved superhet circuit makes use of the latest, most expensive features, including: "ANTENN-AIRE", the amazing new Lafayette development which, under normal conditions, eliminates the need for any outside aerial when tuning in the broadcast band. For short wave reception, an external antenna is required, and terminals for its connection are provided on the chassis.

AUTOMATIC STATION SELECTION: six buttons on the front panel permit instant selection of any one of six of your favorite stations. Buttons can be set in a few minutes—settings can be changed at will.

SHORT-WAVE RECEPTION: in addition to the standard domestic broadcast band (528 to 1600 kilocycles), this receiver provides efficient foreign short-wave coverage plus amateur stations on the 25 to 65 meter band (4.6 to 12.2 mc).

TUNING "EYE", located in the dial, allows VISUAL station adjustments and makes critical short-wave station settings a simple matter.

EFFICIENT SUPERHET CIRCUIT, providing excellent sensitivity and selectivity, uses the latest type tubes: 12SA7 first det.-osc., 12SK7 i.f. amp., 12SQ7 sec. det., a.v.c. and first audio, 35L6GT power tube, 35Z5GT rectifier and 6AB5 tuning indicator.

TONE CONTROL, continuously variable, permits compensation for various room acoustics. Other features: provision for phono or TELEVISION SOUND input; matched dynamic speaker.

Model BB-27

Lafayette Custom Built 6-Tube 2-Band A.C.-D.C. Superhet complete with tubes. For 110 volts a.c. or d.c.

Size: 14½" x 6¾" x 8½" high.

Shpg. wt. 15 lbs. Code BRUIN. **\$18.45**

YOUR COST.....

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



MATCHED DYNAMIC SPEAKERS



THE MAGIC ANTENN-AIRE



ELECTRIC EYE TUNING

7 TUBE 2 BAND AC SUPER

HERE is the "biggest" compact receiver your money can buy! It's capable of providing the quality and diversity of reception you've always associated with the large console models—models associated at far more than the low price quoted below. We'd like you to COMPARE this set with other, larger radios. Try one in your own home for 30-days, at our risk, and you'll know why model FE-28 is a better value.

Inside the handsome two-tone Walnut veneer mantel cabinet Lafayette engineers have incorporated all the latest circuit refinements that insure luxurious performance. Some of the more important include: "ANTENN-AIRE", a built in loop aerial which, under normal conditions, eliminates the need for any outside antenna for broadcast reception. For efficient short-wave reception, an external aerial must be used; terminals on chassis for connection.

PUSH-BUTTON TUNING: select any one of your six favorite stations merely by pressing one of the buttons on the panel.

TWO TUNING BANDS: bring you all the domestic programs from 540 to 1720 kc and foreign short-wave and amateur stations from 5.5 to 18.3 mc (16.4 to 54.6 meters). Slide rule dial is fully calibrated.

PUSH-PULL "BEAM" POWER: latest type tubes, including "beam" power output tubes: 12A8GT converter, 12SK7 i.f. amp., 12SQ7 sec. det., a.v.c. and first audio, 12Q7GT inverter, 2-35L6GT's "beam" power stage, and 35Z4GT rectifier.

FULL TONE CONTROL, governed from a panel knob, permits compensation for various room acoustics.

TELEVISION and phono input terminals provided; tip jacks and switch on chassis.

Other features: powerful Automatic Volume Control to minimize fading and prevent inter-station "blasting"; 6" matched **DYNAMIC SPEAKER.**

The Walnut veneer cabinet has inlaid bands of lighter woods. Size: 18" x 8¾" x 9¾" high.



\$22.75

Model FE-28: Lafayette 7-Tube 2-Band A.C. Superhet with built-in "Antenn-Aire" and with Automatic Push-Buttons. With all tubes. For 110 volts, 50/60 cycles a.c. Shpg. wt. 22 lbs. Code HABIT.

YOUR COST..... **\$22.75**

For 220 volt, 40/60 cycles a.c. operation, add.....\$2.50

you would expect to pay more

FOR THESE WORLD-RANGE LAFAYETTES

SPECIAL *LONG WAVE* MODELS

6 TUBE 3 BAND AC SUPERHET

RADIO is more fascinating when you can get the complete variety of entertainment and usefulness that is offered in the various bands of transmission. Therefore, why be satisfied with just ordinary broadcast reception? For very little more you can get this superb 3-band model, which permits obtaining weather signals, aviation and amateur conversations, domestic broadcasting and foreign short-wave broadcasts. Yes, this handsome 6-tube A.C. compact table model is priced so sensationally low, and has so many fine features that you will agree it's the buy of a lifetime.

ADVANCED SUPERHETERODYNE CIRCUIT, with every modern refinement, is utilized. Automatic Volume Control and multi-purpose tubes are incorporated, to provide the highest possible degree of efficiency. Tubes used are: 1-6A7, as modulator; 1-6D6, as I.F. amp; 1-6Q7G, as det., AVC and first audio; 1-76, as osc.; 1-41, as power amplifier; and 1-84 rectifier. Tuning ranges are: 16-51 meters, 170-555 meters and 850-2000 meters. The 3-bands are fully calibrated on an Easy-Vision Slide-Rule Dial, which makes tuning very simple.

VARIABLE TONE CONTROL, 6½" SPEAKER. Tone quality just as you like it, from deep bass to rich treble, all by means of a fully variable tone control which is incorporated. A comparatively large 6½" dynamic speaker is used, to assure crystal-clear reproduction. **UNIVERSAL TAPPED POWER TRANSFORMER**, permits operation anywhere where 40-60 cycles A.C. is available. Taps are provided for 117-135-150-220 and 250 volts.

Model S-44

Lafayette 6-tube, 3-band (Long-Wave Table Model Receiver) as described, complete with tubes in beautifully finished duo-grained Walnut veneered cabinet, with tastefully modern lines and attractive speaker grille opening. Size: 15¾" x 8¼" x 9¾" high. For operation from any 40-60 cycle A.C. line, with voltage as provided for by Universal Tapped Power Transformer. Shpg. wt. 23 lbs. Code, PERCH. **\$22.45**
YOUR COST EACH.....



WEATHER REPORTS



AVIATION SIGNALS

6 TUBE 3 BAND AC-DC SUPERHET

HERE'S a table model that really has Everything! Universal operation,—works on any type of line current, A.C. or D.C., and from 110 to 240 volts; Superheterodyne Circuit; 3-bands of varied reception; Push-Button Tuning; etc. In fact, all the features that any one can possibly desire are all included in this attractive compact. And, the new low price quoted means greater savings for you!

SIX STATION PUSH-BUTTON SELECTION. You can get any one of 6 preferred stations instantly,—simply by pressing a button. A new, drift-proof automatic—mechanical push-button arrangement is incorporated which assures precise push-button selection. Of course, manual tuning is also provided.

ADVANCED SUPERHETERODYNE, BEAM POWER OUTPUT. Its modern superheterodyne circuit incorporates every known refinement to obtain the utmost in efficiency. Such features as Automatic Volume Control, Beam Power Output, etc.,—are stressed in its design. Tubes used are: 1-6A7, Mod.; 1-6D6, I.F. amp.; 1-6Q7G, Det. and Audio Amp.; 1-25L6G, Beam Power Output; 1-25Z5, rectifier; and 1-76 oscillator. A M42F tapped ballast resistor tube is employed, with taps for 110-135-150-220 and 240 volts. The 3 tuning bands are: 16-51 meters, 170-555 meters, and 850-2000 meters.

VARIABLE TONE CONTROL, 6½" SPEAKER. A relatively large (for compact sets) 6½" hi-efficiency dynamic speaker is utilized to insure full rich tones and finest quality. In addition, you can adjust the tone to your own individual taste, from deep bass to brilliant treble.

Model S-45

Lafayette 6-tube, 3-Band (Long-Wave) Table Model as described, complete with tubes in duo-grained Walnut veneered, modern cabinet, dim.: 15¾" x 8¼" x 9¾" high. Shpg. wt. 18 lbs. Code, PHLOX. **\$22.45**
YOUR COST.....



- ★ Works on 110 to 240 Volts A.C. or D.C.!
- ★ PUSH-BUTTON TUNING—Selects Six Stations!
- ★ "BEAM" POWER OUTPUT—FULL TONE CONTROL!

Lafayette QUALITY

enjoy the DOUBLE luxury

PHONO-COMBINATION 6 TUBE AC SUPER



- ★ Plays 10" or 12" Records With Lid Closed
- ★ Has ASTATIC Wide-Range Crystal Pick-Up

TUNE in on your favorite domestic radio programs and amateur stations—or play the record of your choice! The Lafayette "Little Symphony" provides for all these types of entertainment—with a high degree of quality that is sure to please you. Apartment dwellers, particularly, will appreciate its compact construction—the entire phono-radio assembly can be placed on any convenient table, and it's easy to move from place to place.

The radio portion of the "Little Symphony" consists of a well engineered 6-tube superheterodyne circuit coupled to a matched 6" dynamic speaker that reproduces each note with good fidelity.

Features include:
TWO TUNING BANDS: Band number one covers from 170 to 555 meters and brings in the domestic broadcast stations; band two covers from 16 to 51 meters, permitting reception of the popular foreign short-wave programs plus many interesting amateur calls.

SIMPLIFIED TUNING, accomplished by means of the large slide-ruler dial. Each band is calibrated—dial is illuminated.

TONE CONTROL, continuously variable from deep bass to treble, compensates for various differences in room acoustics.

Tubes used: 6A7 osc.-modulator, 6D6 i. f. amp., 6Q7G first audio, 76 detector-a. v. c., 41 output and 84 rectifier.

The record playing assembly consists of a constant speed (78 r.p.m.) rim driven motor with 10" turntable and a wide-range ASTATIC crystal pickup. Plays 10" or 12" records with lid closed. Panel switch throws from radio to record.

The entire assembly is housed in a compact cabinet constructed of the finest Walnut veneers. Hinged top lid. Dimensions: 18" wide, 12½" high, 13¾" deep.

Model S-43 Combination

Lafayette 6-Tube A.C. 2-Band Phono-Radio Combination complete with tubes. For 110 volts, 60 cycles a.c. Shpg. wt. 34 lbs.

Code PANSY. **\$29.95**
YOUR COST.....
 For 220 volt a.c. operation, add.....\$3.00

PHONO-COMBINATION 5 TUBE AC SUPER

IT'S miniature in size and "miniature" in price too! But there's nothing miniature about the quality and diversity of entertainment offered by model S-49! It brings you all the radio programs on the domestic broadcast band PLUS your own selection of recorded music. Its compact construction makes it ideal for the small apartment too, or it can be used as a supplementary set! We'd like you to prove to YOURSELF that it's a fine performer—try one for 30-days at our risk!
"ANTENN-AIRE": works like magic—eliminates the need for an outside aerial except in unusual cases. Provisions for outside aerial also included.

Good Tone With Ample Power

The superheterodyne circuit makes use of the latest type "bantam" tubes, and has good sensitivity and selectivity. Tubes used are: 12A8GT, 12K7GT, 12Q7GT, 50L6GT "BEAM POWER" output tube that insures distortionless reproduction, and 35Z5GT rectifier. Radio operates on A.C. or D.C.

Other radio circuit features include: Automatic Volume Control; illuminated full-view dial; oversized parts. Tuning range covers from 170 to 555 meters.

Plays 10" or 12" Records

The record playing mechanism comprises a self-starting, rim driven (78 r.p.m.) 110 volt a.c. motor with a 10" turntable and an ASTATIC CRYSTAL PICK-UP that provides true-fidelity response. Either 10" or 12" records can be played while the lid is closed.

Two-Tone Walnut Table Cabinet

Both radio and phonograph are housed in a single cabinet built of fine Walnut veneers in a two-tone design.

Model S-49 Combination

Lafayette 5-Tube Phono-Radio Combination complete with all tubes. For operation on 110 volts, 60 cycles a.c. Size: 14½" wide, 13" deep, 10½" high (with lid closed). Shipping weight 20 lbs.

Code PINCH. **\$19.95**
YOUR COST.....



PHONO-RADIO COMBINATIONS

of two wonderful instruments in one



PHONO-COMBINATION 8 TUBE AC SUPERHET

NO one need sacrifice the pleasures of high quality record entertainment along with fine multi-band radio reception, because of compact living quarters, price, or whatever the reason. This Little Symphony Phono-Radio Combination is designed to meet the requirements of even the most critical, in every respect—and we're willing to prove it to you by letting you try one in your home for a full 30 days! Every modern, large set refinement is incorporated in its compact, handsome duo-grained Walnut cabinet; in addition to, of course, a matchless record playing unit for playing your favorite popular or classical recordings. Powerful 8-Tube, 3-Band Superhet provides you with every desirable type of radio program; whether it be police, amateur or aviation signals, foreign short-wave stations or domestic broadcasting. The latter especially is obtained crystal-clear and with a minimum of noise and interference, because of the MAGIC ANTENN-AIRE which is built into the set and used on broadcast band only. Other deluxe features, such as: Automatic Volume Control, Tone Control, etc., are all included. A complete description of the radio set is given under Model D-71 on page 9. Crystal Pickup, Plays 10" and 12" Records. The finest accessories are employed in the phonograph portion of this instrument, to assure high-quality reproduction and consistently reliable service. Such famous items as the Wide-Range Astatic Crystal pickup; GI "KX" single, constant-speed (78 rpm) phono-motor; 12" turntable, etc. are all incorporated. Both 10" and 12" records can be played, with lid closed when desired. You'll get the finest record reproduction possible because of this careful selection of equipment. An 8" Hi-Efficiency Dynamic Speaker serves to further insure perfect radio and phonograph reproduction.

\$37.50

Model D-85 Phono-Radio Compact

Lafayette's "Little Symphony" Phono-Radio Combination: incorporating specified 8-tube, 3-band radio receiver and phono equipment for record playing. In two-grained, modern cabinet, with hinged cover, dim.: 21" wide x 13 1/4" high x 14" deep. For operation from 110 volts, 60 cycles A.C. With MAGIC-ANTENN-AIRE built-in (for broadcast band only; outside aerial required for short-waves), and with all tubes. Shpg. wt. 44 lbs. Code, WAGON. **YOUR COST.....\$37.50**
For 220 volt operation, ADD.....\$3.00

Record Changer & Record Album Cabinets

We think that these cabinets are the trimmest, sparkling beauties we have listed in a long time. Really fine construction with conservatively modern lines, each is a masterpiece by skilled artisans who specialize in this type of furniture. They'll match the interior furnishings of any home, and provide an air of grace and distinction. Each is designed to house a complete modern record-changer (including the Garrard RC-10 and RC-50), with a lower compartment for storing 8 large record albums, so that it becomes an adjunct to your present radio to provide complete automatic phonograph reproduction. Or, if desired, the lower compartment may be used for amplifier and speaker installation, and thus becomes a complete electrically operated phonograph.

Model No. 909

Photographed at left in adjacent circle, this handsome cabinet has a sliding-out record-changer compartment which automatically comes out into view the moment the hinged front panel is let down. Size of this inside record changer compartment is: 20" wide, 16 1/4" deep and 11" high. The bottom record album compartment dimensions are: 20 1/2" wide, 16 1/4" deep and 13 1/4" high. Overall size of the cabinet is: 24" wide, 17 1/2" deep and 30 1/2" high. Substantially built and artistically finished in straight grained and burl Walnut. Table model radio may be installed on top, to make up a complete phono-radio combination. Not supplied with either record changer or record albums. Shpg. wt. 55 lbs. Code, LIEGE. **YOUR COST.....\$19.95**

Model No. 908

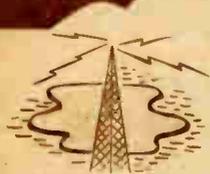
Photographed at right in adjacent circle. This beautiful cabinet is constructed so that the record changer is accessible from the top. The hinged top cover is equipped with a sturdy lid stop. Substantially constructed of selected Walnut veneer and hard woods, with butt Walnut front panel. The record-changer compartment has a blank, removable motor board, dim.: 17 1/4" x 14 3/4". Clearance above this motor board is 5 1/2", below 5 1/4". Overall size: 21" wide, 16 1/4" deep and 31" h. h. Shpg. wt. 50 lbs. Code, LOIRE. **YOUR COST, Cabinet Only.....\$18.50**



You can't beat THESE NEW LAFAYETTES for economy, style and performance



\$32.50



**MORE SW STATIONS
TUNES TO 13 M**



**FULL RANGE
TONE CONTROL**



**WITH MAGIC
ANTENN-AIRE**

9 TUBE 3 BAND AC-DC Super

TAKE it with you anywhere you wish for this new Lafayette has the built-in Magic Antenn-Aire that eliminates the need for an external aerial of any kind for the standard broadcast band. Just plug it in and listen to the finest reproduction you have heard in a long time. It makes listening a new and exhilarating experience.

Limited World-Wide Coverage
Three Tuning Bands provide a variety of reception as follows: 174 to 546 meters, for Domestic broadcasts and Police Signals, 50-136 meters, for Amateur, Aircraft and Foreign Short-Wave broadcasts; 13.6 to 50.4 meters for additional Foreign Short-Wave broadcasts. High Sensitivity and Selectivity is obtained as a result of the use of a 3-gang condenser and RF pre-selection stage which is employed on the broadcast band.

8" PM Speaker
Provides real fidelity of tone; crystal clear Triple Automatic volume Control Action is employed to eliminate fading and blasting. A Continuously Variable Tone Control permits adjusting the tone to the individual taste. Sturdy, Rugged Chassis Construction, with oversize parts. Tubes used: 2-6D6's; 1-6K8G; 1-6Q7G; 1-76; 2-25L6G "BEAM" Power output tubes 1-25Z5; 1-6U5 tuning "eye." The modern duo-grained cabinet will please the most critical. Its beauty is further enhanced by a streamlined "louvre-type" speaker grille-work, and a large Illuminated Slide-Rule Tuning Dial. Cabinet dimensions are: 22 1/4" x 10 1/2" x 11 1/8" high.

Model CC-57
Lafayette 9-Tube 3-Band 110 Volt AC (50/60 cycles) and DC Table Model Receiver as described. With tubes and built-in Antenn-Aire.
Shpg. wt. 28 lbs. Code GUIDE.
YOUR COST.....\$32.50
For Universal operation on 110-220 V., add.....\$3.00

12 TUBE 3 BAND AC-DC SUPERHET

YOU, too, will say that this is an amazing value. Think of it, a 12 tube AC-DC Console Model Superhet with Push-Button Tuning, 3-Wave Bands and Magic Tuning Eye at only \$39.95. Only at Lafayette can you find this value because it takes Lafayette's great buying power to assemble so many features at so low a price. A beautiful modern console of two-toned veneer carefully finished and highly polished make it outstanding in appearance. A powerful improved circuit employing push-pull-parallel beam power tubes plus a large 12" concert type dynamic speaker accounts for the truly amazing and life-like tone. Beautiful appearance—excellent tone quality—Lafayette engineering—a combination that you'll find impossible to beat at our price of \$39.95.

Twelve highly efficient tubes are employed in the improved superheterodyne circuit including 1-6D6 I.F. amplifier, 1-6Q7G second detector, AVC, 1st audio amplifier, 1-6K8GT 1st detector and oscillator, 1-6C8G phase inverter and voltage amplifier, 4-25L6G beam power output tubes, 3-25Z5 power rectifiers and 1-6U5 Magic Eye Tuning Indicator. The complete tuning range of the receiver is covered in three bands as follows: Standard Broadcast Band—543 to 1700 Kilocycles (552.4-176 meters); Intermediate Short Wave Band—2.2 to 6.5 Megacycles (136.3-46.2 meters)—Short Wave Band—5.8 to 21 Megacycles (51.8-14.3 meters).

Push-Button Tuning
Tuning is accomplished either manually or by means of pre-tuned push-buttons. Five buttons are provided for this purpose and may be set for any desired stations. An additional push-button is provided for "Phono."

The cathode ray tuning eye greatly simplifies the accurate tuning-in of stations. As the dial is turned to the station the shadow in the eye gets narrower and is smallest when the station is tuned directly on the "nose". If the dial is turned past the station, the shadow gets wider indicating that the correct position has been passed.

7 Watts Output
Four beam-power tubes connected in push-pull-parallel give a conservatively rated 7 watts of audio power. This output is efficiently handled by a large 12" concert type dynamic speaker providing unusually fine tone quality from highest treble to lowest bass. The console cabinet is especially designed to provide the best acoustic baffle.

Automatic Volume Control
To prevent blasting on powerful passages or as the receiver is tuned from one station to another a special automatic volume control circuit is incorporated to keep the volume at a constant level.

Beautiful Console Cabinet
The cabinet housing the receiver is particularly beautiful in design. The free flowing lines are further enhanced by handsomely grained two-toned hardwood veneers carefully finished and very highly polished to a mirror-like gloss. Dimensions of the cabinet are: 26 3/4" by 13 3/4" by 41" high.

Model CC-97
Lafayette 12-Tube 3-Band AC-DC Superhet complete with tubes. For 110 volts a.c. or d.c. Shpg. wt. 78 lbs.
Code GOPAR.
YOUR COST.....\$39.95
For Universal operation on 110-220 volts, add.....\$3.00



\$39.95

SMART DESIGN.
 THREE BAND RECEPTION.
 MAGIC ANTENN-AIRE • ELECTRIC EYE TUNING.
 TRUE FIDELITY 12 INCH SYMPHONIC SPEAKER.
 CHANGES MIXED 10" AND 12" RECORDS AUTOMATICALLY • CRYSTAL PICKUP
LAFAYETTE PHONO RADIO COMBINATION



THE FAMOUS
RCA Automatic
RECORD CHANGER
 WITH A

Lafayette 8 TUBE 3 BAND A.C. SUPERHET

LUXURIOUS Radio Reception, Phonograph Record Entertainment, and Cabinet Styling are all available in this enchantingly modern Lafayette Phono-Radio Combination. It offers everything desirable in radio programs, PLUS a "Magic Antenn-Aire" which enables you to get all broadcast-band stations clearly and without interference (the conventional antenna being required only for satisfactory short-wave reception); PLUS the famous RCA Automatic Record Changer which will provide you with the finest quality record reproduction. Yet, despite these many de-luxe features, this fine modern instrument is priced so low that practically anyone can afford to buy it.

3-Bands Radio Reception, Tone Control
 Its advanced 8-tube superheterodyne chassis provides 3-bands of varied radio reception, covering domestic broadcasting, police, amateur and aviation signals, and foreign short-wave broadcasts. Tuning ranges are: 182 to 556 meters, 42.8 to 136 meters, and 13.0 to 40.0 meters. A 3-position tone control is incorporated to permit emphasizing tones in the "treble", "speech" or "bass" frequency ranges.

Tuning "Eye", Slide-Rule Dial

A 6U5 tuning "eye" tube is included, which enables one to obtain stations easily and with best possible tonal quality. Other tubes used, and their circuit functions are: 1-6SA7GT, converter; 1-6P5GT, osc.; 1-6SK7GT, I.F. amplifier; 1-6P5GT, 2nd detector and Automatic Volume Control; 1-6SQ7GT, first audio; 1-6X6GT, Power Output; and, 1-5W4GT rectifier. A large fully-illuminated slide-rule type tuning dial, with calibrated tuning bands, makes tuning simple and a real pleasure.

12" Speaker, Large Speaker Grille

Radio programs and phonograph recordings are reproduced with full, rich, life-like quality. This feature is assured by the use of a large, high-efficiency 12" dynamic speaker and the use of a large sound chamber and baffle. The large area grille and sound opening, clearly seen in the illustration, serves to exemplify as well as to enhance this feature. The substantially built and perfectly finished Walnut cabinet, with sedately modern appearance, serves to further improve the "acoustics" of the instrument.

Model D-86 Aut. Comb.

Lafayette 8-tube, 3-band Superheterodyne receiver, with RCA Automatic Record Changer (fully described on page 71) and "Magic Antenn-Aire" installed in cabinet. In handsome straight-grained Walnut cabinet, size: 24 1/8" wide, 33 1/4" high, 14 7/8" deep. For operation on 110-120 V., 60 cycles A.C. Complete with tubes. Shpg. wt. 82 lbs. Code, WAYNE.

YOUR COST \$59.95

Model D-88, with Single Record Player

Same as above, but with GI "KX" single constant-speed (78 rpm) phono-motor, 12" turn-table, Wide-Range Astatic Crystal Pickup with Tangent Arm, and Automatic Stop; in place of record changer. For operation on 110-120 volts, 60 cycles A.C. Shpg. wt. 72 lbs. Code, WAIST.

YOUR COST \$49.95

For 220 V. A.C., either model, add... \$3.50

Model D-91 Chassis and 8" Speaker

Same as above but chassis, tubes and 8" speaker only. Shpg. wt. 20 lbs. Code WEIGH. **YOUR COST \$22.50**

For 12" Spkr. add \$1.00-For 220 V. add \$2.50



What makes a radio GOOD?

What makes a radio good? That is the question confronting the radio set buyer today—and it isn't an easy one to answer.

There are so many different manufacturers—so many diversified claims—it is little wonder the average purchaser becomes confused, is apt to overlook important features and attach undue significance to relatively unimportant ones.

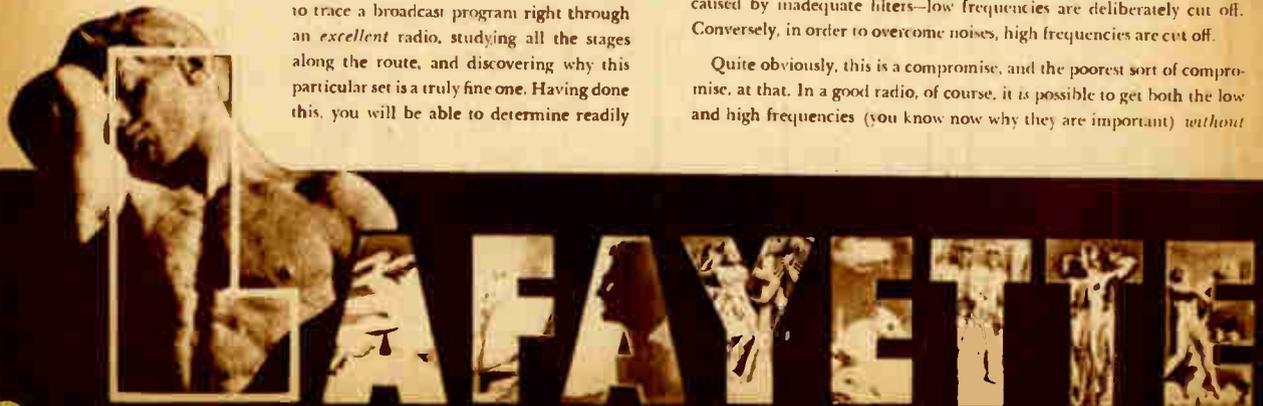
In an effort to clarify this situation, we have devoted these pages to a non-technical description of exactly what is required in a fine radio, and just what features characterize a radio that can honestly be called a custom-built, high-fidelity receiver.

Perhaps the simplest way to go about it is to trace a broadcast program right through an *excellent* radio, studying all the stages along the route, and discovering why this particular set is a truly fine one. Having done this, you will be able to determine readily

what features have contributed most to the process, and, consequently, what features you should look for when you wish to buy a good receiver.

Now the human ear is so constructed that it picks up any sound wave from, roughly, 16 to 16,000 cycles. Musical tones, as transmitted by most radio stations, range from approximately 40 cycles to a maximum of 7,000. However, an ordinary radio will pick up only those sounds ranging from about 70 to 80 cycles up to 3,500 or 4,000 cycles. So it is easy to see that even in a good radio, you cannot possibly receive all that your ear is capable of hearing. A poor set cuts into this still further. The poorer the set, naturally the less you are going to hear of the true tone which is being broadcast. The reason for this is that, in order to compensate for the hum caused by inadequate filters—low frequencies are deliberately cut off. Conversely, in order to overcome noises, high frequencies are cut off.

Quite obviously, this is a compromise, and the poorest sort of compromise, at that. In a good radio, of course, it is possible to get both the low and high frequencies (you know now why they are important) *without*



disturbances. That is one of the signs of a good radio, and, as we have said, these pages are our contribution to your better understanding of what makes a radio good.



Let us assume, then, that you are listening to a broadcast of a symphony concert. The music comes in the form of radio frequency waves, from the antenna into your radio, where it first passes into the R. F. Stage.

This mysterious symbol simply means Radio Frequency amplifier. The amplifier operates on the same frequency as the station to which you are listening. Its purpose is to intensify the station's "signal"; to cut down whistles and squeals; and reduce interference from any other station whose frequency may be close to that of the station to which you are listening. The amplifier, then, increases your set's sensitivity. That, in substance, is the R. F. Stage—and its importance and desirability can readily be understood.

From the R. F. Stage, the radio frequency waves are carried to the Converter Tube. This tube is also operating on the same frequency as the incoming signal. In the tube the signal is combined with another signal generated by the Oscillator Tube in the set, and the resulting signal is sent to the Intermediate Frequency Amplifier (the I. F. Stage). Here it is again amplified. There must be no distortion, however, and in order that this may be regulated to suit local conditions, the good radio is equipped with a High Fidelity Switch, or a Tone Control.



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

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

To continue the route of our hypothetical symphony concert, the signal now goes from the I. F. Stage to the Second Detector Stage. The 2nd Detector, or Demodulator, converts the radio frequency energy into electrical energy at audio frequencies. This circuit, too, must be free from distortion. And it is here that, in a good radio, you enjoy the benefits of Automatic Volume Control. Regardless of whether the signal is weak or strong, it emerges from the 2nd Detector at a uniform level, thanks to Automatic Volume Control.

Our symphony concert proceeds next to the Audio Amplifier and, since the receiver we are studying is a very good one, we find that we have Push Pull Amplification, wherein the power is divided between several tubes. This is very important, for it reduces harmonic distortion. The

Audio Amplifier must transmit the entire range of frequencies without adding any spurious frequencies of its own, and without reducing the range of frequencies. It must supply enough power to carry peaks of sound—the loudest passages produced—without "blasting."

From here the signal goes to the Loud Speaker, where electrical energy is translated into acoustical energy, or sound. Again, the loud speaker must be able to handle the entire audible range without cutting frequencies and without undue emphasis on any frequencies. Moreover, it must handle this audio output without rattling.



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

We have now traced the entire route of a broadcast through a good radio. We hope you have a better understanding of some of the "mysterious" feature-claims you may have seen in print. Perhaps you have noticed in reading this how many "musts" there are in connection with each component part. The I. F. Stage *must* amplify, but it *must* be free from distortion and high frequency discrimination. The Audio Output *must* transmit the entire range of frequencies. The 2nd Detector *must* be free from distortion, etc., etc. These are really "musts"—and they are the marks of a fine radio.

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

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



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

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

Custom Built Radios

Years Ahead! THE FINEST IN



Every feature that spells quality in a De Luxe Radio is built into this *Lafayette 8 TUBE SUPER*

With this new Dual "Magic Antenn-Aire" 3-Band 8-Tube Superhet Lafayette again shows the way to better, finer, more modern radio reception. Superb cabinet styling, realistic reproduction and world-wide reception plus a new "mobility" of placement make it a truly outstanding radio receiver. No matter where you place this new Lafayette you can have it operating in a moment. Two specially designed built-in "Magic Antenn-Aires," one for the regular broadcast band and another for the short wave bands, provide excellent reception under all ordinary conditions. No ground wire or aerial wire need be connected to the receiver—just plug-in and listen! However, should you have to use this new Lafayette in a location where reception is difficult, an antenna coil permits the use of any outside aerial.

Among the outstanding features of this new feature-packed Lafayette are: Phono Television-Sound Connection; Automatic Button Tuning; Slide Rule dial; Cathode-Ray Tuning Indicator; Diode Automatic Volume Control; Three-Band Reception—7,000 to 22,000 KC (42.8-13.7 meters), 2,200 to 7,000 KC (136.3-42.8 meters), 528 to 1,730 KC (568.1-173.4 meters); Full Range Tone Control; 8" Dynamic Speaker; Licensed by RCA & Hazeltine.

8 TUBE SUPERHETERODYNE CIRCUIT

Eight tubes are employed including: 1-6SK7 RF, 1-6SA7 Oscillator-1st Detector, 1-6SK7 IF, 1-6H6 2nd Detector, 1-6SK7 AF, 1-6V6G Output, 1-5Y3G Rectifier and 1-6U5 Tuning Indicator. Sensitivity is 2 microvolts absolute on the standard and intermediate bands and 5 microvolts on the short wave band. And due to the use of a matched 8" dynamic speaker tone quality is unusually fine for a mantel receiver—better than many consoles.

BEAUTIFUL WALNUT MANTEL CABINET

The receiver is housed in a beautiful walnut cabinet in "livable" modern design. Overall dimensions are 23 $\frac{7}{8}$ " x 12 $\frac{1}{4}$ " x 11". Current consumption is 70 watts at 117 volts, 60 cycles and transformer tolerances are such that line voltage variations plus or minus 10% will not affect the operation of the receiver. This Lafayette is both technically, and in appearance—years ahead! But convince yourself—try it at our risk for 30 days!

Model BB-2

Lafayette 8-Tube 3-Band Dual "Magic Antenn-Aire" Superhet in Walnut Mantel Cabinet complete with tubes. For 110-120 volts 50/60 cycles a.c. Size: 23 $\frac{7}{8}$ " x 12 $\frac{1}{4}$ " x 11". Shpg. wt. 40 lbs. Code BENIM.

YOUR COST.....**\$39.95**
For 110-250 volts, 40-60 cycles a.c. operation, add.....\$2.50



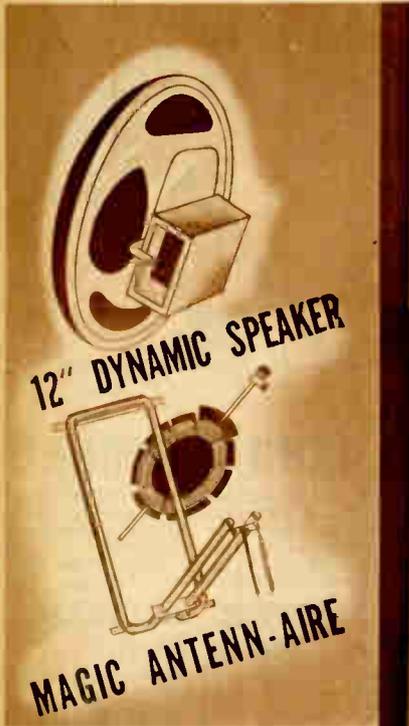
Model BB-1 Chassis & Speaker

For those desiring to install this new Lafayette in an existing cabinet, or in a cabinet of their own design, we have made available the chassis and its matched 8" speaker exactly as described at the left. It too, comes complete with both a broadcast and a short wave "Magic Antenn-Aire"—in fact is complete in every detail except for the cabinet. The chassis base is 15 $\frac{1}{4}$ " wide and 8 $\frac{1}{4}$ " deep and 8" high. Mounting requirements are 21" wide, 11" deep and 10 $\frac{1}{2}$ " high for mantel cabinet installation, and 22 $\frac{1}{2}$ " wide for console installation as dial is off center. Installation is easily made by any experienced cabinet maker or person handy with woodworking tools. Lafayette Dual-Loop, 3-Band, 8-Tube Superhet Chassis and matched 8" Dynamic Speaker as described complete with tubes and aerials (loops—no outside aerial included). For 110-120 volts 50/60 cycles a.c. Shpg. wt. 32 lbs. Code BAYOU.

YOUR COST.....**\$34.95**
For 220 volts, 40-60 cycles a.c. operation add.....\$2.50

CUSTOM BUILT FOR HIGH-FIDELITY RECEPTION

MODERN RADIO *belongs to you*



8 TUBE A.C. SUPER

Three glass and five metal tubes are employed in a highly efficient super-heterodyne circuit that is licensed under both RCA and Hazeltine patents. This circuit provides a high degree of sensitivity and selectivity and excellent fidelity. The receiver is also approved by the Underwriters.

3 BAND TUNING

Three extended wave bands are covered including:
 7,000 to 22,000 KC (42.8-13.7 meters)
 2,200 to 7,000 KC (136.3-42.8 meters)
 528 to 1,730 KC (568.1-173.4 meters)
 All of these bands are instantly available at the flip of a switch. All bands can be received on the built-in Magic Antenn-Aire aeriols!

DUAL ANTENN-AIRE

Not one—but two Magic Antenn-Aires are built into these receivers. One has been carefully designed for reception of the standard and intermediate bands. And the other is especially designed to receive the short wave band. Thus you are assured of perfect reception on all bands—with-out an outside aerial of any kind. However, wherever necessary an outside aerial can be used to overcome especially difficult conditions.



\$49.95

Model BB-4 Lafayette 8-Tube Console

You can't really begin to appreciate how good a modern radio receiver can be till you hear this new Lafayette Dual-Magic "Antenn-Aire" 3-Band, 8-Tube Superhet Console. Its beautiful cabinet in "livable" modern design is truly enchanting. Exquisitely grained hardwood veneers have been fashioned into a console that is at once an outstanding piece of furniture and an acoustically correct housing for this marvelous receiver. So correct is it that together with its matched 12" Dynamic Speaker it covers a range of frequencies from the lowest to the highest tones with an amazing fidelity—so true and life-like that you can almost "feel" a singer's presence. The chassis

of course is the same as that on the opposite page but the larger baffle area provided by the cabinet, the larger 12 inch dynamic speaker, and the larger Magic Antenn-Aires provide sensational performance.

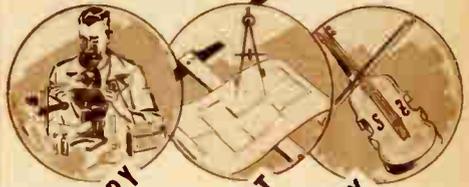
Model BB-4

Lafayette Dual-Magic "Antenn-Aire," 3-Band, 8-Tube Superhet Console complete with tubes. Overall dimensions 26" x 11 3/4" x 38" high. For 110-120 volts 50/60 cycles a.c. operation. Shpg. wt. 68 lbs.
\$49.95
 Code HISON.
 YOUR COST.....
 For 220 V. 40/60 cycles a.c., add\$2.50

YOU'LL BE PROUD TO OWN A *Lafayette*



DE LUXE *Lafayettes*



LABORATORY TESTED
CUSTOM BUILT
HIGH FIDELITY

Outstanding 12 TUBE AC-DC THREE BAND SUPERHET

CUSTOM built throughout, this deluxe Lafayette receiver has been designed for those desiring the finest in radio performance. It has the mighty voice of Sientor—the matchless tone quality of a rare Stradivarius.—You can “tune in on the world”, too, because of its extended range. And for those who love the music of the old masters, or who want to build their own programs, we have made available the deluxe phono-radio combinations shown below. The beautiful mantle cabinet illustrated above houses the powerful 12-tube superheterodyne chassis that features: **LIMITED WORLD COVERAGE:** three bands cover from 540 to 1750 kc, 7.2 to 22.5 mc and from 2.35 to 7.6 mc. Included in this range are the domestic broadcasts, foreign short-wave programs, amateur calls, experimental stations and many others of great interest. **PUSH-BUTTON TUNING:** Eight buttons are on the front panel, six for instant selection of any one of your six favorite stations, one for “on-off” and one for changeover to manual tuning. Buttons are easy to adjust, and once set, require no further attention.

“ANTENN-AIRE”, built-in, permits broadcast reception without the need for external aerial (except in outlying districts). **SUPERHET CIRCUIT:** uses following 12 tubes: 6SK7 r.f. amp. on ALL bands, 6K8 converter, 6B8 i.f. amp. detector and a.v.c., 6Z7G a.f. amp. and phase inverter, 4-25L6's in push-pull parallel output stage, 6U5 tuning “eye”, 2 25Z5 rectifiers and 6A7 converter for push-button tuning. Power output is fully 8-watts. **VISUAL TUNING** permitted by the cathode ray tuning “eye” tube. **SLIDE RULE DIAL**, illuminated and fully calibrated, makes manual tuning easy. **CONCERT SPEAKER**, electro dynamic type, provides excellent tone quality. Mantel models have 8” speaker; console models have 12” speaker. **TELEVISION SOUND** and phono input provided for by means of tip jack and switch. **LONG WAVE MODELS:** both mantle and console models are available in a special 4-band receiver. An additional band covering from 814 to 2135 meters is incorporated, to get European long-wave stations, aviation signals, weather reports and others. (No push-buttons on these models.)

Other circuit features include: **TONE CONTROL** that compensates for various room acoustics; **Automatic Volume Control** to minimize fading; **oversized parts.** Both mantle and console cabinets are constructed of the finest Walnut veneers.

MANTEL MODELS

Model CC-47

Lafayette 12-Tube 3-Band A.C.-D.C. Push-Button Superhet complete with tubes, in Walnut mantel cabinet. For 110 volts, a.c. or d.c. Size: 25½” wide, 12¼” high, 11¼” deep. Shpg. wt. 43 lbs. Code GLINT. **\$57.50**
YOUR COST.....

CC-48 Long-Wave Model

Same as above, but without push-buttons and with additional European long-wave band covering from 814 to 2135 meters. Shpg. wt. 43 lbs. Code GIRTH. **\$57.50**
YOUR COST.....
For 220 v. operation, either model, add \$3.50

—AUTOMATIC— PHONO-RADIO COMBINATION

Model CC-41 Aut. Combination

Lafayette 12-Tube 3-Band A.C.-D.C. Push-Button Superhet complete with tubes and Garrard RC-11 Automatic Record Changer. In console cabinet 35” high, 23½” wide, 17¾” deep. For 110 volts, a.c. or d.c. Shpg. wt. 135 lbs. Code GLAZE. **\$119.95**
YOUR COST.....

Model CC-46 With Single Record Player

Same as above, but with Garrard UC5-G Single Record Player assembly in place of the automatic record changer. Shpg. wt. 120 lbs. **\$107.50**
Code GEMIN. YOUR COST.....

SPECIAL LONG WAVE SETS

Model CC-68 Aut. Combination

Lafayette 12-Tube 4-Band A.C.-D.C. Superhet. Has no push-buttons, but includes European long-wave band from 814 to 2135 meters. With all tubes and Garrard RC-11 Automatic Record Changer. In console cabinet. For 110 volts, a.c. or d.c. Shpg. wt. 135 lbs. Code GLARE. **\$119.95**
YOUR COST.....

Model CC-81 With Single Record Player

Same as above, but with Garrard UC5-G Single Record Player assembly in place of the automatic record changer. Shpg. wt. 120 lbs. **\$107.50**
Code GRAND. YOUR COST.....
For 220 volt a.c. (40-60 cycles) or d.c. operation, any of the above models, add. **\$3.50**

SEE PAGE 72 FOR FULL DETAILS ON GARRARD.



Lafayette **AUTOMATIC** PHONO RADIO COMBINATION

8 TUBE 3 BAND A.C. SUPERHET

PLAN YOUR OWN CONCERTS

**BRINGS YOU EVERYTHING
YOU WANT TO HEAR ...THE
WAY YOU WANT TO HEAR IT!**

At the flip of a switch! The finest of radio reception—or the clearest of record reproduction. No matter what your mood—this Lafayette will obey your every wish. The latest in news? Charley's newest quip? They are all yours via the radio receiver. And then when you want to hear your favorite recordings—a symphony orchestra perhaps? Or maybe a violin solo by Spaulding? Or both—in fact you can select eight numbers—place them all on the automatic record player and settle back in your easy chair for some real entertainment. Your favorite records will take on a new meaning for you when you hear how beautifully they are reproduced on this new Lafayette. But convince yourself—accept our 30 day trial offer—and find out in your own home how good a Phono-Radio Combination can be.

WITH GARRARD CHANGER
Automatic



FOR RADIO PROGRAMS

The Lafayette Dual-Antenn-Aire 3-Band 8-Tube Superhet provides unequalled reception of both foreign and domestic programs. Reception that is clear and crisp—a pleasure to hear. Three bands are covered including the standard domestic broadcast, an intermediate short wave and police band, and a short wave band. For complete technical data concerning this Lafayette radio receiver see page 18. The dynamic speaker is a large 12" unit that assures excellent tone for both the radio and the recorded programs. Tuning of radio stations is accomplished either manually or automatically by means of any one of six push buttons.

FOR RECORDED PROGRAMS

The audio amplifier of the receiver and its associate speaker are used together with a Garrard Automatic Record Changer. This changer will play either eight 10" or eight 12" records in sequence. Any standard make record can be used. An automatic rejection knob permits rejecting any record and an automatic stop cuts off the current after the last record has been played. The crystal pickup is mounted on a tangent arm thus following the record groove more accurately—prolonging record life—and assuring perfect tonal rendition. There is far less wear and tear on your favorite records than with ordinary changers. Records are not "clamped" or "tossed" therefore there is no danger of splitting or cracking the record.

MANUAL PLAYER AVAILABLE

For those who do not wish to buy the automatic feature this Lafayette is also available with a standard Garrard Manual Record Player. This too employs the crystal pickup mounted on a tangent arm and provides exactly the same quality of reproduction as does the automatic model. The only difference being that records must be changed manually—only one ten inch or one twelve inch record can be played at a time.

CUSTOM-BUILT TO EXCEL

Model BB-7 Combination

Styled in "livable" modern. Beautifully grained matched walnut veneers, highly polished to a mirror-like gloss. An instrument you will be proud to own and show to your friends. Designed not only for appearance but also to be acoustically correct so as to assure perfect tone quality. The Radio—the famous Lafayette Dual-Antenn-Aire 3-Band 8-Tube Superhet (fully described on page 18) with an extra-large 12" dynamic speaker. The Record Player—The famous Garrard Model RC-10 with the tangent arm crystal pickup. Plays eight 10" or eight 12" records.

Overall dimensions: 29 3/8" x 17 3/4" x 35" high. For 110-120 volts 50/60 cycles a.c. Shpg. wt. 135 lbs. Code BLAZE.

YOUR COST \$99.95

For 220 volts 40/60 cycles operation add...\$5.00

Model BB-8 Combination

Employs the same Lafayette Dual-Antenn-Aire 3-Band 8-Tube Radio Receiver with 12" speaker as the above model but incorporates a Garrard Manual type Record Player Model AC6G instead of the Automatic model. Will play any standard 10" or 12" record. Shpg. wt. 119 lbs. For 110-120 volts 50/60 cycles a.c.

YOUR COST \$84.95

For 220 volts 40/60 cycles a.c. add...\$5.00

Model 998 Cabinet Only

Cabinet only as illustrated. Not drilled. Inner top panel under cover for radio and record player—dimensions: 27 7/8" long by 15 3/8" wide by 5 1/4" deep under cover. Wood baffle cut for standard 12" speaker in lower section.

Shpg. wt. 79 lbs. Code LUSTY. **YOUR COST \$29.95**

IT SEEMS LIKE

Magic

LAFAYETTE



HERE is an instrument that is almost human in operation—a receiver that provides vibrant, living tones—a machine that seems endowed with a brain! Yes, you'll think it's magic when you hear and operate it, for all the wizardry of modern radio engineering has been utilized to assemble this unequalled performer. It is a masterpiece of construction, perfectly designed, admirably cased in a gorgeous burled Walnut Console Grand—and yours for the price of just average equipment!

When given this set to design, our laboratory technicians were ordered to include every proven circuit refinement, every operating convenience necessary for a truly great receiver. An examination of the features outlined here ably demonstrates the success that attended their efforts.

DUAL "ANTENN-AIRE": The receiver is equipped with two loop aerials which, under ordinary conditions, will enable the reception of both domestic and foreign stations without any external connections, except for a.c. power. This assures extreme mobility in the placement of the set, and eliminates the need for both aerial and ground connections—no messy wires to string around the room! One loop receives domestic and intermediate short-wave programs, the other foreign short-wave stations.

(please continue on following page)



11 TUBE 3 BAND A.C. SUPER

OUTSTANDING FEATURES

RADIO SPECIFICATIONS

11 TUBES: 6SK7 i.f. amplifier on ALL bands; 2-6SK7's as i.f. amplifiers; 6SA7 converter; 6H6 diode detector and a.v.c.; 6P5 audio amp.; 6FEG driver; 2-6VEG's push-pull output; 5Y3G rectifier; 6U6 "eye".

THREE BANDS: 13.7 to 42.8 meters; 42.8 to 137 meters; 173.5 to 588 meters.
BUILT-IN ANTENNAS: Two "Antenn-Aire" loops, one for broadcast and one for short-wave reception. Provisions for external aerial.

PUSH-BUTTON TUNING: Six buttons for selection of any one of six pre-set programs, one button for "on off" operation.

CONCERT SPEAKER: 12" high-fidelity Concert type electro-dynamic reproducer.

TONE CONTROL: special four position control: 1) normal; 2) high note reduction; 3) bass boost; 4) bass boost plus high note expansion.

TUNING "EYE": 6U5 tube permits visual station adjustments—extremely accurate.

STATIC CONTROL CIRCUIT: eliminates interstation noise and reduces static noises when station is tuned in. Functions on any R.F. signal.
RESPONSE: from 40 to 7500 cycles per second, true high-fidelity range.

SENSITIVITY: one microvolt absolute (500 milliwatts output) on standard and intermediate wave bands, 3 microvolts on short-wave band.

- ★ THE MIRACLE ANTENN-AIRE
- ★ PUSH BUTTON TUNING
- ★ AUTOMATIC BASS COMPENSATION
- ★ STATIC CONTROL CIRCUIT
- ★ CATHODE RAY VISUAL TUNING
- ★ R. F. STAGE ON EACH BAND
- ★ IMPROVED DYNAMIC SPEAKER
- ★ PHONO TELEVISION SOUND CONNECTION



For Custom-Built Construction and

A MUSICAL INSTRUMENT *with a Brain!* **AUTOMATIC RADIO-PHONO** *Combination*

AUTOMATIC TUNING: improved push-button tuning! Seven buttons on the control panel permit instant, automatic selection of any one of SIX of your favorite stations—the seventh button is for “on-off” operation. Buttons are set from the front panel, and they will maintain their adjustment.

AUTOMATIC INDICATORS: the oversized slide-rule dial has automatic indicators that show at a glance the position of the tone control and the band in use. Dial is well illuminated.

LIMITED WORLD-WIDE RANGE: three tuning bands (see specifications on page 22) provide for a wide variety of entertainment, including the domestic broadcasts, foreign short-wave stations, amateur and experimental signals, police calls and many others.

HIGH FIDELITY RECEPTION: the super-power 11-tube superheterodyne circuit is used in conjunction with an acoustically mounted 12" Concert dynamic speaker that affords an unusually wide range of tones. Every note, from deep bass to brilliant treble is faithfully reproduced. A high-fidelity cut-off switch is incorporated to limit the upper register when tuning short-wave programs or when unusual noise conditions are encountered.

VISUAL TUNING: a type 6U5 tube is used as the cathode ray tuning “eye”. You merely adjust until the “eye” winks—and your station comes in with maximum efficiency.

AUTOMATIC BASS “BOOSTER”: a device found only in the most expensive sets. It compensates for the response characteristics of the human ear—insures life-like tone quality.

STATIC SUPPRESSION: another “expensive” feature—it assures a reduction in static noises when a regular station signal is tuned.

Other features: extremely fine sensitivity and selectivity characteristics; powerful Automatic Volume Control; four position TONE CONTROL; ample overload safety factor—Underwriters approved; tip jacks and switch for phono or TELEVISION SOUND input.

COMBINATION MODELS

The deluxe 11-tube receiver is also available in combination with the finest of AUTOMATIC RECORD CHANGERS. With these models, you can build your own programs—select just the type of entertainment you want to hear. Just imagine that you want to give a “concert”—right in

your own home. You just select the records, stack them on the changer, turn a switch, then RELAX. For almost forty minutes you will hear continuous, uninterrupted music without so much as lifting a finger! Truly, it seems like magic! And records may be repeated or rejected at will, merely by turning a knob. Please refer to page 72 for a detailed description of Garrard Record Changers.

CONSOLE GRAND CABINETS

Radio Model: Illustrated on page 22. A beautiful Console Grand cabinet constructed of the finest Walnut veneers. It has sloping control panel, cut-out pillasters fronting the cloth covered speaker opening and has neatly rounded corners. Top and bottom pieces attractively carved. It will add charm and distinction to its surroundings.

Combination Model: Shown below. Constructed of selected Eurl Walnut veneers with contrasting inlaid panels of lighter veneers. Top is provided with a full length hinge.



The Lafayette Custom-Built 11-Tube A.C. 3-Band Superhet is available in several different models. Chassis, speaker and tubes only (model BB-10) as illustrated on page 22; housed in the radio Console Grand Cabinet (model BB-11) as illustrated on page 22; with a Garrard Automatic Record Changer, in deluxe combination cabinet (model BB-12) shown at right; with Garrard Single Record Player (model BB-13) in combination cabinet shown at right.

BB-10—Chassis, Speaker & Tubes

Lafayette 11-Tube 3-Band A.C. Push-Button Superhet chassis with all tubes, dual loop aerials, and 12" speaker. Less cabinet. For 110/120 volts, 50-60 cycles a.c. Size: 17 1/8" x 8 1/4" x 11" deep. Shpg. wt. 43 lbs.

Code BOWER. YOUR COST **\$44.95**

BB-11 In Console Cabinet

Same as above, but in Console Grand cabinet as illustrated. Size: 40 1/4" high, 28" wide, 14 1/2" deep. Shpg. wt. 75 lbs.

Code BRAWN. **\$64.50**

YOUR COST

For 220 V. 40/60 cycle operation, add... \$3.00

BB-12 Aut. Combination

Comprises model BB-10 plus a Garrard model RC-10 Automatic Record Changer in deluxe combination Console Grand cabinet 40 1/2" high, 25 1/2" wide, 17 1/2" deep. With all tubes. For 110/120 volts, 50/60 cycles a.c.

Shpg. wt. 135 lbs. **\$109.95**

Code BRUCE. YOUR COST

BB-13 With Single Record Player

Same as model BB-12, but with Garrard AC6-G single record player in place of the automatic record changer. Shpg. wt. 118 lbs. **\$96.50**

Code BUDGE. YOUR COST

For 220 volt, 40/60 cycles a.c., add... \$5.00

SEE PAGE 72 FOR DETAILS ON GARRARD

True HIGH FIDELITY - Lafayette is unsurpassed

All the Charm of 18th Century Chippendale

PLUS THE MIRACULOUS VERSATILITY
OF THE **11 TUBE** *Lafayette*
PHONO-RADIO COMBINATION



Fully Automatic



NOW you whose home furnishings recall the gracious charm of the 1700's can enjoy the performance and economy of a Lafayette in perfect keeping with your period furniture. It is necessary to see and hear this magnificent phono-radio combination to fully appreciate how superlatively Lafayette has linked the two centuries—the 18th with its aristocratic style, the 20th with its world-wide reception. Only then will you thrill to the magic of sound—recorded symphonies directed by the live artist of a Toscanini . . . world events described by commentators on the scene in Washington . . . Berlin . . . London—emerging clear, life like from this Chippendale piece. That has been the real miracle of Lafayette genius—bringing you the benefit of an 11-tube, 3 band Super-heterodyne receiver, and the luxury of an automatic record changer in a cabinet distinguished for its exquisite appearance and practical value.

The radio receiver is one of the finest you have ever heard. It has all the wanted features: Push-Button Tuning, Automatic Bass Compensation, miracle Antenn-air. Three wave bands: American, 528 to 1730 KC; Foreign, 13.7 to 42.8 meters; Intermediate Short Wave and Police, 42.8 to 137 meters. In the Garrard Automatic Record Changer, you have the world's finest precision instrument. Silent, smooth-running, capable of playing either 10" or 12" records in sequence (up to 8 at a time), Garrard Model RC-10 (employed here) cannot be matched in dependability and versatility. As you listen to favorite recordings flawlessly played, without interruption for 40 minutes, the Garrard Changer seems an instrument with a brain! Cabinet is of genuine mahogany in a beautifully grained duo-tone finish. It is authentic 18th Century Chippendale. The "Feature Story" on the 11 tube AC radio will be found on pages 22 and 23.

Model BB-14 Phono-Radio With Aut. Record Changer

Lafayette 11-Tube 3-Band A.C. Superhet complete with tubes and with Garrard RC-10 Automatic Record Changer. In mahogany. Period cabinet 37" wide, 37½" high, 18¼" deep. For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 190 lbs.

Code BURIN.
YOUR COST, COMPLETE **\$139.95**

Model BB-15 Phono-Radio With Single Record Player

Same as above, but with Garrard A6C single record player (see page 72 for details on Garrard). Shpg. wt. 178 lbs. **\$127.50**
Code BASTE. YOUR COST
For 220 volt, 40/60 cycle a.c. operation, either model, add. \$5.00

FOR THOSE WHO PREFER
Modern

**LAFAYETTE 11 TUBE AUTOMATIC
 PHONO RADIO COMBINATION**

A Rare Success

IN JOINING TRUE HIGH FIDELITY TO FULLY AUTOMATIC PERFORMANCE !



NOTHING is quite as refreshing as simplicity. To you who are weary of "gingerbread furniture", who long for the beauty and trimness of clean flowing line, Lafayette proudly presents this 11 tube automatic phono-radio combination. Here is the instrument for moderns—for those who set the pace. It combines the record changer all America is talking about with a receiver remarkable for its fidelity tone reproduction. Among the outstanding features of this 11 tube, 3 band AC Superheterodyne are the miracle Antenn-air, Push-Button Tuning and Automatic Bass Compensation. No practical development in modern radio has been overlooked in the receiver's design. And many of the most advanced features are exclusively Lafayette! Because of its utter simplicity, this phono-radio combination "fits in" with any surroundings. Should you move into a new home, or decide to redecorate your present

one, your Lafayette loses none of its value—will, in fact, enrich the home by its very presence. You could not invest in a more practical instrument. Nor in a finer one! The Garrard Automatic Record Changer brings you 40 minutes of uninterrupted music; plays either 10" or 12" records in any number up to eight. The superheterodyne 11 tube radio brings you the great events of the world—with a realism of reproduction that puts you on the scene. It's a radio you'll never tire of seeing—and hearing in your home . . . a radio to live with. And that is what makes this instrument worth so much more than it actually costs. In engineering, it's years ahead—ready now for tomorrow's scene. In styling, it's always new, always proper, always accepted. Beautiful Walnut Cabinet with built-in album compartment to house your choice selection of recordings. For the full "Feature Story" on the 11 tube AC radio, turn to pages 22 and 23.

**Model BB-16 Phono-Radio
 With Aut. Record Changer**

Lafayette 11-Tube 3-Band A.C. Superhet complete with tubes and with Garrard RC10 Automatic Record Changer. In modern console cabinet 37" wide, 33½" high, 18¾" deep. For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 212 lbs. Code BAULK.

YOUR COST, COMPLETE . . . \$134.95

**Model BB-17 Phono-Radio
 With Single Record Player**

Same as above, but with Garrard A6C single record player (see page 72 for detailed description). Shpg. wt. 206 lbs. Code BEAUX.

YOUR COST . . . \$119.95

For 220 volt, 40/60 cycle operation, either of the above models, add . . . \$5.00

Distinction THAT SUCH



AUTOMATIC RADIO

Custom Built

15 ^{A.C.} TUBE SUPERHET

JUST stop to think of it for a moment! This fully automatic radio-phonograph combination can bring more sheer pleasure into your home than anything you have ever owned. It will entirely alter your conception of electrically reproduced entertainment, for such breath-taking beauty of tone, such clarity, such amazing dynamic range has never before thrilled the hearts of music lovers! Just imagine for a moment that you wish to give a "concert"—right in your own home. You select the records you desire, place them on the record changer (up to eight at a time) and then sit back and relax. For fully forty minutes, you'll enjoy record reproduction of matchless quality. You'll hear the masters as they would want to be heard—every note full, complete, vibrant. The special volume expander amplifier employed with the instrument makes this possible. It compensates for "compression" when the records are made—it restores the bass notes that might otherwise be entirely lost—it makes symphonic reproduction a fact rather than a hope. This device is adjustable, too. You can alter response as you desire.

Remember, too, that this unsurpassed record reproduction is coupled with luxury operation. Your Garrard Automatic Record player, the acknowledged leader in the field, silently, efficiently and AUTOMATICALLY plays the records of your choice—in sequence. And you can repeat or reject any selection at will.



The inset view at the right shows the neat, convenient placement of the dial and all control knobs.

TUBES USED: 11-tube radio circuit uses 1-6SK7 R.F. Amplifier on ALL bands; 2-6SK7's i.f. amplifiers; 1-6SA7 converter; 1-6H6 diode detector and a.v.c.; 1-6P5 audio amp.; 1-6F8G driver; 2-6V6G's push-pull output; 1-5Y3G rectifier; 1-6U5 tuning indicator.

VOLUME EXPANDER AMPLIFIER (operates on phono only) uses 4 tubes: 6C8G twin triode, one section as audio amp., second section as expanded amplifier; 6R7 supplies rectified control voltage and acts as first expander; 6C5 expander amplifier and bass compensator; 6ZYSG rectifier.

DUAL "ANTENN-AIRE": In addition to an improved antenna coil for installation with an outdoor aerial, the receiver is equipped with two loop aerials which, under ordinary conditions, will enable the reception of both domestic and foreign stations without any connections other than a.c. power.

PUSH-BUTTONS automatically select any one of six favorite stations. A seventh button for "on-off".

THREE BANDS: 13.7 to 42.8 meters; 42.8 to 137 meters; 173 to 568 meters.

AUTOMATIC INDICATORS show position of tone control and band-in-use.

TUNING "EYE" permits accurate visual station selection.

STATIC CONTROL: blocks the audio system except when a regular radio signal is passing through. Eliminates all interstation noise and reduces static noises when station is tuned.

STONE CONTROL: special four position type. 1) normal; 2) high note reduction; 3) bass boost; 4) bass boost plus high note expansion (high fidelity).

12" CONCERT SPEAKER: high-fidelity electro-dynamic type.

FREQUENCY RANGE: essentially flat from 40 to 7500 cycles (high-fidelity).

The **GARRARD**
Automatic
RECORD CHANGER

IS ALMOST HUMAN IN PERFORMANCE



A PRICE HAS NEVER KNOWN BEFORE



PHONO COMBINATIONS

FOR THE ULTIMATE IN *High Fidelity*

Features

THAT ESTABLISH A
NEW HIGH IN QUALITY

- { BUILT-IN DUAL "ANTENN-AIRE"
- { AUTOMATIC PUSH-BUTTON TUNING
- { LIMITED ALL-WORLD RANGE
- { R. F. STAGE ON ALL BANDS
- { 12" CONCERT TYPE SPEAKER
- { 10-WATTS "BEAM" POWER OUTPUT
- { SEPARATE VOLUME EXPANDER AMPLIFIER

NO less perfect than the phonograph portion of this assembly is the superb radio receiver. All technical advancements of proven worth have been utilized to insure truly high-fidelity radio reproduction. Examine these features: "ANTENN-AIRE", dual loop antennas, eliminates the need for an outside aerial under all normal conditions - permits placement of the cabinet in the most desirable location. LIMITED ALL-WORLD COVERAGE provided by three tuning bands. All domestic programs, including the high-fidelity stations, foreign short-wave stations, amateur calls, police calls, experimental signals and many others are within its range. AUTOMATIC TUNING - at the touch of a button you select any one of six of your favorite stations; a seventh button for "on-off" operation. Buttons are easy to set, and they'll maintain their adjustment. AUTOMATIC INDICATORS show at a glance the position of the tone control and the band in use. They're located in the illuminated slide-rule dial that has individually calibrated bands; the dial also contains the TUNING "EYE" that lets you see when your station is perfectly tuned. The powerful superhet circuit (see specification on page 26) is coupled to a matched 12" CONCERT DYNAMIC SPEAKER that brings you every note with studio brilliance. STATIC CONTROL that reduces interference when a station is tuned. SPECIAL AUTOMATIC VOLUME CONTROL, newly designed, reduces noise between stations, minimizes fading, maintains volume at a constant level. All these features, plus excellence of components, result in performance that sets a new high in perfection. YOUR CHOICE OF CABINETS: Two beautifully styled cabinets are available with this phono-radio combination. The Regal, illustrated on page 26, is an upright model executed in selected burl Walnut veneers with contrasting bands of inlaid veneers. It has two matched doors that conceal the control panel. The neo-classic Duette lowboy console shown below is designed for those desiring the modern touch. It is built of fine two-tone Walnut veneers and has front doors that give access to album compartments.



Upright Console Models

Phono-Radio combinations housed in the deluxe upright console shown on page 26.

BB-18: Lafayette 15-Tube 3-Band A.C. Combination with built-in dual "Antenn-Aire" and with Garrard model RC-10 Automatic Record Changer. With tubes. For 110/120 volts, 60 cycles a.c. Size: 40 1/2" high, 26 3/4" wide, 18 1/2" deep. Shpg. wt. 170 lbs. Code BEVEL. **YOUR COST \$129.95**

BB-34: Same as above, but with Garrard model RC-50 Automatic Mixer-Changer. Shpg. wt. 175 lbs. Code BARON. **YOUR COST \$144.95**

BB-19: Same as above, but with Garrard model AC6-G Single Record Player instead of the automatic record changer. Shpg. wt. 155 lbs. Code BLANC. **YOUR COST \$114.95**
For 220 v., 40/60 cycles, add \$5.00

Lowboy Console Models

Phono-Radio combinations in the deluxe laydown console shown at the right.

BB-20: Lafayette 15-Tube 3-Band A.C. Combination with built-in dual "Antenn-Aire" and with Garrard model RC-10 Automatic Record Changer. With tubes. For 110/120 volts, 60 cycles a.c. Size: 37" wide, 33 1/2" high, 18 3/4" deep. Shpg. wt. 215 lbs. Code BLOND. **YOUR COST \$149.95**

BB-36: Same as above, but with Garrard model RC-50 Automatic Mixer-Changer. Shpg. wt. 220 lbs. Code BEARD. **YOUR COST \$164.95**

BB-21: Same as above, but with Garrard model AC6-G Single Record Player instead of the automatic record changer. Shpg. wt. 200 lbs. Code BOXER. **YOUR COST \$136.50**
For 220 v., 40/60 cycles a.c., add \$5.00



LAFAYETTE SINGLE BATTERY RADIOS!

All Electric Performance with Battery Economy

4 TUBE 1½ VOLT SUPER

NO matter how many miles you are from the nearest power line this new Lafayette will perform equally as well as an equivalent power-line-operated radio. Real "city reception" can be yours even in the most remote location. And, best of all, new circuit developments and battery improvements make possible a full 1000 hours of entertainment before the self-contained battery needs to be replaced! Under average operating conditions of approximately 3 hours use per day this is equivalent to a full year of flawless entertainment without any attention whatsoever!

Four New Low-Drain Tubes

1-1A7G is used as Mixer-Oscillator, 1-1P5G as I.F. amplifier, 1-1H5G as 2nd detector—AVC-1st audio and 1-1C5G as output amplifier. A specially matched PM dynamic speaker assures excellent tone quality. Tuning range is from 535 to 1730 KC including all standard broadcast channels and one police band. Space is provided in the walnut finished cabinet for the 1000 hour battery pack.

Model FE-30

Lafayette 4-Tube 1½ volt Battery Radio in Walnut finished hardwood veneer cabinet, with tubes. Overall dimensions are: 18" x 11¼" x 10¾" high.

Shpg. wt. 19 lbs. Code HAVEN. **\$15.95**
 YOUR COST (Less Battery Pack).....
 K20145—Special 1½ V. "A"—90 V. "B" 1000 hour Battery Pack for the above receiver. Wt. 28 lbs. YOUR COST...\$3.45



\$15.95

5 TUBE 2 BAND 1½ VOLT Super

LACK of power line facilities need no longer bar you from the finest possible radio reception. With this new Lafayette 5-tube 2-band Superhet you can have "city reception" not only of the standard broadcast channels but also of both foreign and domestic short wave channels. Now both the farmer and the city dweller are on an equal footing in respect to radio reception. And with an equal freedom of "attention". For the single battery pack used as the source of power for this new Lafayette will provide, under normal operating conditions, approximately 850 hours of service!

Many Outstanding Features

Among the outstanding features of this Lafayette model you will find: 2-band reception covering 540 to 1730 KC (556-173.5 meters) and 5.9 to 18 MC (51-16.7 meters); 5 low drain tubes (1 1A7G, 2-1N5G's, 1-1H5G, 1-1A5G); matched permanent magnet dynamic speaker, continuously variable tone control; flash illuminated slide rule dial and many others that you would expect to find in only the largest radio receivers. The receiver is housed in an unusually attractive walnut-finished hardwood cabinet. Space for the battery pack is provided inside the cabinet itself.

Model E-59

Lafayette 5-Tube 2-Band 1½ volt Superhet complete with tubes. Dimensions: 18¼" x 11" x 10¼" high.

Shpg. wt. 19 lbs. Code EAVES. **\$19.95**
 YOUR COST Less Batteries.....
 K20165—Special 1½ V. "A" and 90 V. "B" Battery Pack for above. Wt. 28 lbs. YOUR COST.....\$3.45



\$19.95

6 TUBE 6 VOLT 2 BAND Super

Just a single 6 volt storage battery supplies all the current required by this Lafayette model. And if you have a Wind Charger this current will cost you nothing! But even more important are the many features of this excellent radio receiver. Automatic Push Button Tuning for 5 stations—two complete tuning ranges—13 meter coverage on the short wave band—6" PM Dynamic Speaker—Slide Rule Dial—Full Range Tone Control.

6 Tube Superhet Circuit

Six low-drain tubes are used including: 6D8G converter, 1D5GP I.F., 6T7G detector, a.v.c., 1st audio, 2-1H4G parallel drivers and 1-1J6G class B power output tube. Tuning ranges are—540 to 1740 KC (172-556 meters) and 6 to 23 MC (13-50 meters) note that the 13 meter band is included in the short wave range. The automatic tuning buttons permit the selection of any 5 predetermined stations at the touch of a button. Manual tuning is also possible of course. The complete receiver is housed in an attractive walnut mantel cabinet and fitted with a slide-rule dial.

Model D-3

Lafayette 6-Tube 6-Volt 2-Band Battery Superhet with tubes but less storage battery. Size: 17¾" x 9¾" x 8". Shpg. wt. 23 lbs. Code WUVWZ.

\$24.95
 YOUR COST.....
 For suitable storage batteries see page 40. For a complete listing of suitable Windchargers see page 39.



TOUCH TUNING
\$24.95

You're set for the future with this 3 IN ONE radio!

5 TUBE 2 BAND SUPER

BE prepared for the "high line" when it comes through to serve you—yet be able to get good reception without using commercial power lines. This excellent performer operates either from a self-contained battery power pack or from 110 volts a.c. or d.c. And the low price quoted means a big saving for you!

Here's what model E-60 can do:
TWO TUNING BANDS cover from 173.5 to 555 meters to bring you domestic reception and from 16.7 to 51 meters for foreign short-wave programs, amateur calls, etc. The illuminated slide-rule dial, fully calibrated, makes critical station adjustments simple.

EXCELLENT TONE QUALITY is provided by the efficient 5-tube superhet circuit which uses 1A7G dual modulator-osc., 2-1N5G'S as i.f. amplifiers, 1H5G detector, a.v.c. and audio and 25Z6 rectifier.

VERSATILE OPERATION. Either a battery pack, or any 110 volt a.c. or d.c. line can be used. Cabinet has space to contain the battery power pack.

WALNUT CABINET with inlaid band of lighter veneers is highly attractive. Size: 18 1/4" x 10 1/4" x 11" deep.

Model E-60

Lafayette 5-Tube Superhet for battery, 110 volt a.c. or d.c. operation. With tubes.

Shpg. wt. 19 lbs. Code ECLAT.

\$24.95

YOUR COST, LESS BATTERY PACK...

Special 1000 hour "A" and "B" pack for above.

K20145—Shpg. wt. 28 lbs. **YOUR COST**.....\$3.45

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



Lafayette

2 Way radio versatility for the low cost of ONE!

5 TUBE 6V. DC OR 110V. AC

ACTUALLY TWO receivers in one! Model FE-35 operates perfectly from any commercial 110 volt a.c. line or from a single 6-volt storage battery. Reception, with either type of power, is clear, crisp, and has ample volume—and you get the added convenience of automatic station selection too. It's an ideal set for those living in rural districts, where the "high line" has not as yet been installed.

AUTOMATIC SIX STATION TUNING: Six buttons on the front panel permit instant selection of any one of your six favorite stations. Buttons can be set in a few minutes, and settings can be changed at will. There's a manual tuning knob, too, for getting all the other domestic stations. Tuning range is from 535 to 1735 kilocycles.

DUAL DUTY TUBES used in the superhet circuit account for the fine tone quality and power. Tubes used: 6D8G mod.-osc., 6K7 i.f. amplifier, 6T7G second detector, a.v.c. and first audio, 6G6G output and 6Z5Y5G rectifier. Operation is from any 6-volt storage battery (see page 40) which can be charged from a "Wincharger" (see page 39) or from 110 volts a.c. Housed in a handsome Walnut veneer cabinet with illuminated slide-rule dial.

Model FE-35

Lafayette 5-Tube Superhet for 6-volt storage battery or 110 volt a.c. operation. With tubes. Size: 17" wide, 9 3/4" high, 8 1/2" deep.

Shpg. wt. 20 lbs. Code HEDGE.

\$22.95

YOUR COST, (less storage battery)...



Lafayette

7 TUBE 6VOLT 3 BAND SUPER

DESIGNED especially for the rural dweller, this receiver provides excellent reception over a wide tuning range. It is powered from a SINGLE 6-volt storage battery that can be kept charged economically by means of a wind-driven charger (see page 39). At the low price quoted, you'll find that model CC-1 is a good investment!

THREE BANDS cover from 13.3 to 51.8 meters for foreign short-wave stations; 48 to 136 meters for intermediate short-waves and amateur calls; 174 to 552 meters (543-1720 kc) for standard domestic stations. A full-view slide-rule dial, fully calibrated, simplifies station adjustments.

TUNING "EYE" permits accurate VISUAL station adjustments; it's easy to operate.

SUPERHET CIRCUIT uses 6K7 r.f. amp., 6K9 osc.-mixer, 6S7G i.f. amp., 6T7G det., a.v.c. and first audio, 6L5G driver, 6Z7G output and 6N5 "eye" tube.

Other features: high efficiency 6" PM speaker; automatic volume control; full-range **TONE CONTROL**; beautiful Walnut veneer table model cabinet.

Model CC-1

Lafayette 7-Tube 3-Band Superhet for 6-Volt storage battery operation. With tubes. Size: 20 3/4" wide, 10 1/2" high, 8 3/4" deep. Shpg. wt. 26 lbs.

Code GMNOP.

\$29.95

YOUR COST, (less storage battery)...



28

SPECIAL VALUE AUTO RADIOS

THAT ARE WAY OUT IN FRONT



GENERAL MOTORS 6 TUBE SUPERHET

WHEN an auto radio bears the stamp of General Motors, you know it's a quality product. And when that radio is priced as low as this one, you know it's an extra-ordinary value! You get the same smooth, effortless reception that you get from a good home radio, and there's more than ample power.

The well engineered superhet circuit employs six tubes, including 2-6K7G's, 1-6X5G, 1-6J7G, 1-6Q7G and 1-6F6. Features include:

8" DYNAMIC SPEAKER, fully enclosed and dust-proof, that reproduces every note with excellent fidelity. Only the finest auto radios are equipped with a speaker of this size and quality.

TONE CONTROL, multi-position type, that permits the operator to limit the high tone response to suit his own ear. It's easily accessible.

PLUG-IN VIBRATOR of the full wave type, is easily replaceable. It is sturdy, and will give long, trouble free service.

The entire assembly is housed in a steel case finished in wrinkle brown. Designed to fit late model Pontiac cars, but can be used in practically all other autos. For suitable aerials for use with this receiver, refer to page 37.

GENERAL MOTORS 6-Tube Auto Radio

Late "Master" model, complete with tubes and accessories. With universal under-dash control. 10 1/4" wide, 8" deep, 8 1/2" high. Specify type aerial to be used (running board, roof, whip, etc.) Shpg. wt. 25 lbs. Quantity Limited. Code, PEACH.

Original Price \$69.95. **\$19.95**

YOUR COST.....
Star tailor-made control head with panel plate and knobs to match any car, additional.....\$3.00
Be sure to specify make, model and year of car.



\$19.95



\$15.95

Lafayette 6 TUBE SUPER

GOOD performance—better operating conveniences—and the best **VALUE** in auto radio receivers available in the present day market! Big statements to make, we know, but a trial in your own car will **PROVE** their truth. Examine the features outlined here, then buy this better value!

SAFETY TUNING: No need to take your eyes off the road when tuning model D-82. Six buttons on the panel allow instant selection of any one of your six favorite stations. Takes just a split second. There's an illuminated slide-rule dial, too, for manual station tuning.

EASY INSTALLATION: The compact, single unit construction permits easy under-dash mounting, even when heater and other accessories are in the car. Except in unusual cases, it is only necessary to install the generator condenser and distributor suppressors that are furnished—no sparkplug suppressors.

GOOD TONE: The superhet circuit, using six tubes, employs a matched electro-dynamic speaker to reproduce the output. Tones are clear, distinct and natural, and there's more than ample power. Tubes used: 6D6 i.f. amplifier, 6A7 mixer-oscillator, 6R7 second detector, a.v.c. and first audio, 76 driver, 41 power output and 84 rectifier. Tuning range covers the entire domestic broadcast range from 545-1600 kc.

AUTOMATIC VOLUME CONTROL: minimizes fading and prevents inter-station "blasting". Tends to maintain a constant volume level at all times.

For suitable aerials, refer to page 37.

Model D-82

Lafayette 6-Tube Push-Button Auto Radio complete with all tubes, accessories and instructions. Size: 7 1/2" wide, 13 1/8" deep, 6" high.

Shpg. wt. 17 lbs. Code WIELD. **\$15.95**

YOUR COST.....

Lafayette 6 TUBE 3 BAND PORTABLE

CHALK up another FIRST for Lafayette! You've never seen or heard a receiver like model CC-58 for the simple reason that there has never been one. It's more sensitive and powerful because it uses SIX TUBES, instead of the usual four or five. It provides a greater variety of reception because it has THREE TUNING BANDS instead of the usual one. And it plays anywhere — on self-contained batteries or on 110 volt alternating or 110 volts direct current. It's a real Cosmopolitan—a world airways traveler that you'll be more than proud to own! Here's what the CC-58 contains:

SPECIAL TUNING RANGE: Not only does this receiver bring you all the domestic stations, but you get foreign shortwave, amateur calls, police signals, European long-wave stations (when you're in Europe), AVIATION WEATHER REPORTS AND COMMUNICATIONS, etc. Tuning bands are: 16.2 to 51 meters (foreign short-wave); 194 to 556 meters (domestic reception); 790 to 2140 meters (European long wave stations, Aviation Signals and Weather Reports).

MAGIC "ANTENN-AIRRE": 2 built-in loop aerials which, under normal conditions, eliminates the need for external aerial connections. Terminals for use with outside antenna are included, for use where required.

SUPER-POWER CIRCUIT: Six of the latest type tubes are used, resulting in power, sensitivity and selectivity of a much superior character than that usually associated with portable radios. Tubes used: 1A7GT converter, 2-1N5GT's as i.f. amplifiers, 1H5GT detector, a.v.c. and first audio, 3Q5GT output tube, and 70L7GT rectifier. A high efficiency PM speaker handles the set output and provides faithful reproduction.

FULL VISION DIAL: Each band is accurately calibrated and dial is illuminated. Knobs on control panel govern volume, tuning and power type. **AIRPLANE LUGGAGE CASE:** The entire receiver is housed in a durable portable case that has a drop-front. Covered with airplane luggage cloth.

Model CC-58 "Cosmopolitan" Portable

Lafayette 6-Tube, 3-Band "3-In-1" Portable complete with tubes. For batteries, 110 volts a.c. or 110 volts d.c. Requires 2-4½ volt "A" and 2-45 volt "B" batteries. Dimensions: 12½" wide, 10½" high, 7¾" deep. Shipping weight 20 lbs.

Code GRAPE.

YOUR COST, LESS BATTERIES.....

K20163—Complete kit of batteries for above. YOUR COST..... \$2.75

For 220 V. adapter cord for above add..... 75c

3 IN ONE RADIO WITH SPECIAL LONG WAVE BAND



AIRPLANE COMMUNICATIONS



WEATHER REPORTS

STAR Panel Plate Kits

Panel plate kits comprise the dial plate, dial scale (calibrated in kilocycles), and set of matched knobs only.

All Star matched panel plates are die-cast or stamped from heavy metal and beautifully finished.

Popular models are shown in the listing below; if you do not find a kit for your car, write for details.



No.	Car Model and Year
K9353	Buick 40, 60, 1937
K9354	Buick 80, 90, 1937
K9363	Buick 1938 (All)
K9315	Buick 1939 (All)
K8200	Buick 1940 (All)
K9355	Cadillac 1936, 1937
K9311	Cadillac-Lasalle 1939
K8201	Cadillac-Lasalle 1940
K9343	Chevrolet 1935-1936
K9356	Chevrolet 1937
K9364	Chevrolet 1938
K9316	Chevrolet 1939
K8202	Chevrolet 1940
K9344	Chrysler Airstream 6, 1936
K9357	Chrysler Royal 1937
K9365	Chrysler 1938
K9317	Chrysler 1939
K8203	Chrysler 1940
K9359	DeSoto 1937
K9366	DeSoto 1938
K9318	DeSoto 1939
K8204	DeSoto 1940
K9360	Dodge 1937
K9367	Dodge 1938

No.	Car Model and Year
K9319	Dodge 1939
K8205	Dodge 1940
K9351	Ford DeL. early 1936
K9349	Ford Stand. early 1936
K9350	Ford Stand. late 1936
K9352	Ford DeLuxe late 1936
K9361	Ford Standard 1937
K9362	Ford DeLuxe 1937
K9368	Ford 1938 (All Models)
K9320	Ford Standard 1939
K9309	Ford DeLuxe 1939
K8206	Ford Standard 1940
K8207	Ford DeLuxe 1940
K9369	Hudson 1938
K9310	Hudson 122, 1939
K9328	Hud. DeL. 112-118, 1939
K8208	Hudson 1940
K9330	Hud.-Terraplane 1937
K9382	Lafayette 1937
K9393	Lafayette 1938
K9307	Lafayette 1939
K8209	Lafayette 1940
K9355	Lasalle 1936, 1937
K9381	Lasalle 1938
K9373	Lincoln Zephyr 1936

No.	Car Model and Year
K9392	Lincoln Zephyr 1938
K9321	Lincoln Zephyr 1939
K8210	Lincoln Zephyr 1940
K9312	Mercury (Ford) 1939
K9384	Nash 1937
K9393	Nash 1938
K9322	Nash 1939
K8211	Nash 1940
K9385	Oldsmobile 1937
K9394	Oldsmobile 1938
K9323	Oldsmobile 1939
K8212	Oldsmobile 1940
K9314	Overland 1939
K9376	Packard 120, 1936
K9386	Packard 120, 1937
K9387	Packard 115, 1937
K9395	Packard 6 & 8, 1938
K9313	Packard (All) 1939
K8213	Packard 1940 (All)
K9377	Plymouth DeL. 1936
K9388	Plymouth DeL. 1937
K9396	Plymouth DeL. 1938
K9324	Plymouth Stand. 1939
K9325	Plymouth DeL. 1939
K8214	Plymouth Stand. 1940

No.	Car Model and Year
K8215	Plymouth DeL. 1940
K9389	Pontiac 1937
K9397	Pontiac 1938
K9326	Pontiac 1939
K8216	Pontiac 1940
K9390	Stud. Dict. late 1937
K9391	Stud. Pres. late 1937
K9398	Studebaker 1938
K9327	Stud. Commander 1939
K9308	Studebaker Pres. 1939
K9380	Terraplane 1936
K9399	Terraplane 1938
K9331	Willys 1937, 1938
K9383	UNIVERSAL UNDER DASH MOUNTING KIT

ALL PLATE KITS

List \$2.25.
YOUR COST EACH, **\$1.32**
Less Rem. Control...
*Unit for Olds. 1938 consists of plate assembly, and remote control head with switch. **\$3.97**
YOUR COST.....

"On-Off" Power Switch



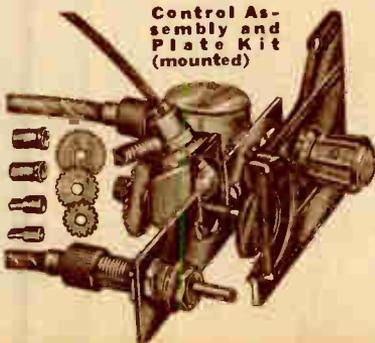
Switch with long leads, fuse retainer, pilot light lead and socket. Assemble in place of plate on tuning unit. 51. K9332—EACH **59c**

2-Stage (Local-DX) Sensitivity Switch



S.P.S.T. switch. Assemble in place of plate on the tuning unit. Solder lugs. 52. K9333—EACH... **29c**

STAR REMOTE CONTROL



Control Assembly and Plate Kit (mounted)

Star Remote Controls fit all cars, all radios. They are adjustable for any opening provided for radio installation on the instrument panel. No drilling or filing necessary. Clockwise or counter clockwise. No cord, no cable, no back-lash. Adjustable for any gear ratio; five interchangeable gears supplied (6, 8, 10, 12, and 16 to 1). In addition to gears, all end fittings, lock nuts, pilot light socket, etc., are furnished. Order Plate Kit from listing. K9339 — Less Plate Kit **YOUR COST \$2.06**

Tone Controls

T-1: 3-stage variation. Assembled in place of volume control shaft. EACH... **\$1.18**
ST-1: As above, with "on-off" switch, insulated leads, fuse retainer and pilot socket. **\$1.76**
K9336—YOUR COST.
T-2: Same as T-1, but variable (100,000 ohms). **\$1.18**
K9335—EACH...
ST-2: As above, with switch, leads, etc. **\$1.76**
K9337—YOUR COST..



1937 PHILCO Cables

Special 23½" cables. Fittings both ends. Wt. 3 lbs. K9338—EACH... **\$1.15**

Lafayette "MYSTERY" RECORD PLAYERS



"Junior" Model

This efficient device plays your records through any radio, regardless of make or age—and there are NO CONNECTIONS TO MAKE. A built-in transmitter actually "broadcasts" recorded music to your receiver. You merely plug into a 110 volt a.c. outlet, tune your set to the mystery player frequency and your radio reproduces the recorded selection.

Equipped with a high fidelity Astatic tangent arm CRYSTAL PICK-UP and a powerful constant-speed motor (78 r.p.m.) with 9" turntable. Plays 10" or 12" records. Volume control on panel—or you can use the set volume control. Jack for toy mike provided. Housed in attractive Walnut case 15 1/4" high, 13 1/4" wide, 7 1/4" deep.

K21871—"Junior" Mystery Player complete with tubes. For 110 volts, 60 cycles a.c. Shpg. wt. 17 lbs. YOUR COST.....

\$14.95



"Senior" Model

The finest wireless record player on the market today! Unsurpassed in tonal quality and in operating features. Furnished with the famous Shure "Zephyr" CRYSTAL PICK-UP that provides high-fidelity reproduction. Has world renowned GARRARD governor controlled motor complete with automatic stop and speed regulator. The oscillator employs three tubes instead of the usual two. There are absolutely NO CONNECTIONS to make, other than to plug into any 110 volt outlet. Volume control and switch located on panel. Has separate jack for toy mike connection. In fine Walnut case with folding hinges: 15 1/4" high, 13 1/4" wide, 7 1/4" deep. Shpg. wt. 22 lbs.

K21872—"Senior" Mystery Player, complete with tubes. For 110 volts, 60 cycles a.c. YOUR COST.....

\$23.95

Lafayette HOME

The finest home electric record player available. Can easily be attached to any radio receiver; full instructions are included. Models are available for either a.c. or a.c.-d.c. operation. All models are furnished with CRYSTAL PICK-UPS to insure wide range reproduction. Motors are of excellent quality, governor controlled, and provided with speed-regulators and automatic stop switch. Volume control and switch mounted on panel. Panel also contains a needle cup and tone arm rest for the pick-up. Entire mechanism is housed in a fine Walnut cabinet that has folding hinges. Cabinet has high polished finish, and measures 7 1/4" high, 15 1/4" wide, 13 1/4" deep. All models will play either 10" or 12" records with the lid closed. Refer to listing at right.



RECORD PLAYER

A.C. Models

K21860—Lafayette Electric Home Player with Astatic crystal pick-up and motor with 10" turntable. For 110 volts, 60 cycles a.c. Shpg. wt. 18 lbs. YOUR COST.....

\$15.25

K21861—Same as above, but with Shure "Zephyr" pick-up and GARRARD motor with 12" turntable. Shpg. wt. 19 lbs. YOUR COST.....

\$20.95

A.C.-D.C. Model

K21862—Similar to K21861 above, but with GARRARD universal a.c.-d.c. motor. Shpg. wt. 20 lbs. YOUR COST.....

\$26.95

RCA ELECTRIC

Wireless Model VA-20

(Top)—Designed for use with any radio, regardless of make or age, and without the need for any connections other than a.c. power. Has RCA constant speed motor with felt-covered turntable, tangent arm CRYSTAL pick-up, volume control and switch and pilot light current indicator. Plays either 10" or 12" records. Housed in rich brown bakelite case 12 1/2" wide, 8 1/4" deep and 5" high. Operates from distances up to 30-50 feet from the radio. For 110 volts, 60 cycles a.c. K21968—VA-20 Wireless Record Player, with tubes. Shpg. wt. 8 lbs. YOUR COST.....

\$11.44



RECORD PLAYER

Model R93-F "Economy" Player

An inexpensive instrument that quickly converts any modern radio into an electrical radio-phonograph combination. Plays both 10" and 12" records. Includes a cushion mounted constant speed motor, latest type feather-touch crystal pick-up in bakelite arm, and volume control and switch. Pick-up arm easily tilted for insertion of needle. Has plug for RCA sets; requires switch and cable for other makes. Brown bakelite cabinet 11 3/8" wide, 9 7/8" deep, 3" high. K21850—Shpg. wt. 10 lbs. YOUR COST.....

\$5.65

K22006—Switch and cable..... 59c



RECORD PLAYER TABLE (illustrated at left) A beautiful walnut finished table especially designed to be used with table type record players either electric or mechanical. Shelf with dividers holds 120 records or 8 twelve-pocket albums. Size: 24 1/2" long, 20" wide, 15" deep. No records or albums furnished. Wt. 35 lbs. **\$6.25**

Model 903—YOUR COST.....

FLOOR MODEL SPEAKER CABINET (illustrated at right). Specially designed cabinet for use with any type speaker. Incorporates reflex principle where back wave reinforces front wave. Beautiful walnut finish, highly polished. Interior completely lined with sound absorbing material. Large baffle area with cutout for 12" speaker. Overall dimensions are 32 1/4" high, 22" wide and 13 1/2" deep. Amply large to place the average laydown type mantel cabinet radio on top. Very soundly constructed. Shpg. wt. 50 lbs. **\$17.95**

Model 968—YOUR COST.....



LAFAYETTE

RADIO TUBES

QUALITY AT ECONOMY PRICES



10% additional discount . . .

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

six months guarantee . . .

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

LAFAYETTE GLASS TYPE TUBES

TYPE	NET	TYPE	NET	TYPE	NET	TYPE	NET
01A	\$0.25	685	\$0.89	27	\$0.27	56	\$0.27
1A4	.62	6B7	.60	30	.33	57	.33
1A6	.62	6C6	.33	31	.30	58	.33
1B4	.74	6C7	.90	32	.52	59	.72
1B5	.48	6D6	.33	33	.55	71A	.30
255	.48	6E5	.60	34	.60	75	.33
1C6	.59	6E7	.90	35	.37	76	.29
1F4	.59	6F7	.75	36	.49	77	.38
1F6	.72	6G5	.50	37	.37	78	.36
1V	.44	6U5	.38	38	.45	79	.60
2A3	.75	6N5	.60	39	.50	80	.26
2A5	.45	6T5	.60	44	.50	81	.90
2A6	.45	6Y5	.90	40	.40	82	.40
2A7	.59	6Z5	.57	41	.33	83	.48
2B6	1.00	10	1.10	42	.34	83V	.66
2B7	.60	12A	.38	43	.44	84	.51
2E5	.60	12A5	.69	45	.29	6Z4	.51
2G5	.60	12A7	.68	46	.53	85	.49
5Z3	.38	12Z3	.50	47	.45	89	.50
6A3	.68	19	.52	48	1.40	V99	.60
6A4	.60	24A	.38	49	.50	X99	.60
6A6	.63	25B5	.64	50	1.00	183	.90
6A7	.39	25Z5	.39	53	.63	485	.90
6AB5	.75	26	.27	55	.55		

LAFAYETTE G-SERIES TUBES

TYPE	NET	TYPE	NET	TYPE	NET	TYPE	NET
0Z4G	\$0.60	5W4G	\$0.39	6H6G	\$0.45	6T7G	\$0.70
1C7G	.70	5X4G	.45	6J5G	.45	6U7G	.50
1D5G	.70	5Y3G	.26	6J7G	.50	6V6G	.55
1D7G	.62	5Y4G	.36	6J8G	.75	6V7G	.60
1E5G	.66	6AC5G	.48	6K5G	.50	6W5G	.68
1E7G	1.05	6A5G	.83	6K6G	.48	6W7G	.70
1F5G	.62	6A8G	.41	6K7G	.36	6X5G	.57
1F7G	.75	6AF6G	.60	6K8G	.60	6Y6G	.65
1G4G	.60	6B6G	.57	6L5G	.60	6Y7G	.75
1G5G	.62	6B8G	.63	6L6G	.75	6Z7G	.70
1G6G	.70	6C5G	.48	6L7G	.62	6ZY5G	.52
1H4G	.37	6C8G	.60	6N6G	.78	25A6G	.60
1H6G	.62	6D8G	.66	6N7G	.62	25A7G	.75
1J5G	.72	6F5G	.38	6P7G	.90	25B6G	.60
1J6G	.53	6F6G	.36	6Q7G	.50	25L6G	.60
5U4G	.45	6F8G	.60	6R7G	.50	25N6G	.70
5V4G	.66	6G6G	.66	6S7G	.60	25Z6G	.50

LAFAYETTE ALL-METAL TUBES

TYPE	NET	TYPE	NET	TYPE	NET	TYPE	NET
5T4	\$0.80	6F5	\$0.49	6K8	\$0.63	6S7	\$0.65
5W4	.38	6F6	.57	6L6	.90	6V6	.70
5Z4	.65	6H6	.48	6L7	.60	6X5	.60
6A8	.60	6J5	.48	6N7	.70	25A6	.60
6B8	.70	6J7	.50	6Q7	.52	25L6	.62
6C5	.49	6K7	.50	6R7	.60	25Z6	.50

LAFAYETTE 'GT' BANTAM TUBES

TYPE	NET	TYPE	NET	TYPE	NET	TYPE	NET
1A5GT	\$0.75	6J5GT	\$0.45	12A8GT	\$0.45	25X6GT	\$0.60
1A7GT	.75	6J7GT	.45	12F5GT	.50	25Z6GT	.48
1C5GT	.75	6K5GT	.48	12F6GT	.50	32L7GT	.75
1G6GT	.68	6K6GT	.45	12J5GT	.48	35L6GT	.60
1H5GT	.68	6K7GT	.40	12J7GT	.55	35Z4GT	.48
1N5GT	.75	6K8GT	.60	12K7GT	.50	35Z5GT	.50
2W3GT	.40	6P5GT	.45	12Q7GT	.50	40L6GT	.60
5W4GT	.45	6Q5GT	.55	25A6GT	.50	45Z5GT	.58
6A8GT	.45	6Q7GT	.50	25A7GT	.80	50L6GT	.65
6AC5GT	.50	6R7GT	.50	25B8GT	.75	70A7GT	.75
6C5GT	.50	6V6GT	.60	25D8GT	.75	70L7GT	.75
6F5GT	.40	6X5GT	.60	25L6GT	.60	117L7GT	.75
6H6GT	.50					117Z6GT	.75

SINGLE END 'GT' BANTAM TUBES

6SA7GT	.52	6SJ7GT	.45	12SA7GT	.60	12SF5GT	.50
6SC7GT	.52	6SK7GT	.40	12SC7GT	.60	12SQ7GT	.48
6SF5GT	.50	6SQ7GT	.45	12SK7GT	.40	12SJ7GT	.50

LOCTAL SERIES TUBES

TYPE	NET	TYPE	NET	TYPE	NET	TYPE	NET
7A4	\$0.70	7B5	\$0.70	7C5	\$0.70	7Y4	\$0.70
7A6	.70	7B6	.70	7C6	.70	35A5	.70
7A7	.70	7B7	.70	7C7	.70	35Z3	.70
7A8	.70	7B8	.70	7E6	.70		

HYTRON "BANTAM JUNIOR" TUBES

New "peanut" tubes measuring only 2-3/16" high. All have 1.4 volt filaments (at 70 ma.). Ideal for hearing aids, portable equipment of all kinds, etc.

HY113—Triode r.f. osc. or a.f. power tube. Plate voltage 45 or 90 (max.). Mu-6.3; output 17.5 milliwatts.

NET PRICE \$1.75

HY115—Pentode. A.F. Interstage or output tube. 45 volts plate. Mu-800. Output 5.5 mw. NET PRICE \$2.50

HY125—Pentode. A.F. Power tube. 45 v. plate; output 11.5 milliwatts. NET PRICE \$2.50

HY135—As above, but 15 mw. output. YOUR COST. \$3.50

FREE! LAFAYETTE LOG BOOK

With Every Purchase of LAFAYETTE TUBES OR RADIOS ASK FOR IT!



RCA

6 months guarantee . . .

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

Famous RCA Pencil



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

\$1.00

YOUR COST
FREE with purchases totalling 50 RCA Radiotrons.

Imprinted Tube Stickers



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

on metal tubes. In rolls of 200. K21915—

\$1.00

YOUR COST
FREE with 50 Radiotrons.

O. K. Tags



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

FREE with every purchase of RCA Radiotrons.

Price Tags



A novel and convenient way of pricing sets, accessories, etc. Color reproduces information on front, price information space

on back. FREE with any purchase of RCA Radiotrons (specify on order).

Repair Ticket

A handy way of itemizing repair charges. They create customer confidence, and show exactly the work done on each radio repair job.

Imprinted (give name, address and phone). K23006—

85¢

300 For. FREE with purchases of 35 RCA Radiotrons.



RCA RADIOTRON GLASS TUBES

TYPE	NET PRICES		TYPE	NET PRICES		TYPE	NET PRICES	
	1-24	25 Up		1-24	25 Up		1-24	25 Up
00A	\$1.13	\$1.02	12	\$1.09	\$0.98	49	\$0.59	\$0.52
01A	.31	.27	12A7	.94	.83	50	1.21	1.09
1A4	.71	.63	12Z3	.59	.52	53	.94	.83
1A6	.71	.63	15	.94	.83	55	.71	.63
1B4	.94	.83	19	.71	.63	56	.31	.27
1B5	.59	.52	20	1.13	1.05	57	.38	.34
1C6	.71	.63	22	1.00	.92	58	.38	.34
1F4	.71	.63	24A	.43	.38	59	.94	.83
1F6	.94	.83	25Z5	.48	.43	71A	.43	.38
1V	.59	.52	26	.31	.27	75	.38	.34
2A3	1.21	1.07	27	.31	.27	76	.31	.27
2A5	.59	.52	30	.43	.38	77	.43	.38
2A6	.59	.52	31	.43	.38	78	.41	.36
2A7	.71	.63	32	.82	.73	79	.71	.63
2B7	.71	.63	33	.71	.63	80	.29	.26
5Z3	.43	.38	34	.71	.63	81	1.09	.97
6A4	.71	.63	35	.43	.38	82	.71	.63
6A6	.71	.63	36	.59	.52	83	.71	.63
6A7	.49	.43	37	.43	.38	83V	1.09	.97
6B5	1.21	1.07	38	.59	.52	84	.71	.63
6B7	.71	.63	39/44	.59	.52	85	.59	.52
6C6	.38	.34	40	.71	.63	89	.59	.52
6D6	.38	.34	41	.38	.34	112A	.43	.38
6E5	.71	.63	42	.40	.35	V99	.70	.62
6F7	.94	.83	43	.52	.46	X99	.70	.62
6N5	.71	.63	45	.35	.31	87A	1.98	1.77
6U5/6G5	.59	.52	46	.71	.63	876	3.58	3.26
10	1.35	1.21	47	.52	.46	886	4.25	3.65
11	1.09	.98	48	1.98	1.76			

RCA RADIOTRON "GT" BANTAM TUBES

TYPE	NET PRICES		TYPE	NET PRICES		TYPE	NET PRICES	
	1-24	25 Up		1-24	25 Up		1-24	25 Up
1A7GT	\$0.94	\$0.83	6J7GT	\$0.59	\$0.52	12K7GT	\$0.59	\$0.52
1D8GT	.94	.83	6K6GT	.59	.52	12Q7GT	.59	.52
1H5GT	.94	.83	6K7GT	.59	.52	25L6GT	.71	.63
1N5GT	.94	.83	6Q7GT	.59	.52	25Z6GT	.59	.52
1Q5GT	.94	.83	12A8GT	.59	.52	35L6GT	.71	.63
6A8GT	.59	.52	12J7GT	.71	.63	35Z4GT	.59	.52
6F5GT	.59	.52				35Z5GT	.59	.52
6J5GT	.59	.52				50L6GT	.94	.83

Package Tape

1 1/2" wide. Imprinted (give name, address, phone). Rolls of 1000.

\$4.00

K23007—
10 Rolls For.

FREE with purchase of 200 RCA Radiotrons.

Spare Tube Clips

Help to sell extra tubes. Single or double (specify type). FREE with orders for RCA Tubes.



RADIOTRON

THE GREATEST NAME IN RADIO TUBES

quantity purchases . . .

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

**RADIO CORPORATION
OF AMERICA**



RCA RADIOTRON G-SERIES TUBES

TYPE	NET PRICES		TYPE	NET PRICES		TYPE	NET PRICES	
	1-24	25 Up		1-24	25 Up		1-24	25 Up
0A4G	\$1.09	\$0.97	5X4G	\$0.71	\$0.63	6K7G	\$0.41	\$0.36
0Z4G	.71	.63	5Y3G	.29	.26	6L5G	.94	.83
1A5G	.94	.83	5Y4G	.43	.38	6L6G	.94	.83
1A7G	.94	.83	6A3G	.47	.42	6L7G	.71	.63
1C5G	.94	.83	6AC5G	.59	.52	6N6G	1.21	1.07
1C7G	.94	.83	6AF6G	.71	.63	6N7G	.71	.63
1D5G	.94	.83	6B6G	.94	.83	6Q7G	.59	.52
1D7G	.71	.63	6B8G	.94	.83	6R7G	.59	.52
1E5G	.94	.83	6C5G	.59	.52	6S7G	.94	.83
1E7G	1.47	1.32	6C8G	.71	.63	6T7G	.94	.83
1F5G	.94	.83	6D3G	.94	.83	6U7G	.59	.52
1F7G	.94	.83	6F5G	.43	.38	6V6G	.71	.63
1G4G	.71	.63	6F6G	.41	.36	6W7G	.94	.83
1G5G	.71	.63	6F8G	.71	.63	6X5G	.71	.63
1G6G	.94	.83	6G6G	.94	.83	6Y6G	.94	.83
1H4G	.43	.38	6H6G	.59	.52	6Z7G	.94	.83
1H5G	.94	.83	6J5G	.59	.52	6ZY5G	.59	.52
1H6G	.71	.63	6J7G	.59	.52	25A6G	.59	.52
1J6G	.71	.63	6K5G	.59	.52	25A7G	.94	.83
1N5G	.94	.83	6K6G	.59	.52	25B6G	.94	.83
5U4G	.59	.52			25L6G	.71	.63	
5V4G	1.21	1.07			25Z6G	.59	.52	

RCA RADIOTRON ALL-METAL TUBES

TYPE	NET PRICES		TYPE	NET PRICES		TYPE	NET PRICES	
	1-24	25 Up		1-24	25 Up		1-24	25 Up
0Z4	\$0.71	\$0.63	6K8	\$0.71	\$0.63	6SK7	\$0.59	\$0.52
5T4	.94	.83	6L6	1.09	.97	6SQ7	.59	.52
5W4	.59	.52	6L7	.71	.63	6V6	.94	.83
5Z4	.94	.83	6N7	.94	.83	6X5	.71	.63
6A8	.71	.63	6Q7	.59	.52	12C8	.94	.83
6B8	.94	.83	6R7	.71	.63	12SA7	.71	.63
6C5	.59	.52	6S7	.94	.83	12SC7	.71	.63
6F5	.59	.52	6SA7	.59	.52	12SJ7	.59	.52
6F6	.59	.52	6SC7	.59	.52	12SK7	.59	.52
6H6	.59	.52	6SF5	.59	.52	12SQ7	.59	.52
6J5	.59	.52	6SJ7	.59	.52	25A6	.94	.83
6J7	.59	.52			25L6	.71	.63	
6K7	.59	.52			25Z6	.59	.52	

RCA RADIOTRON "LOKTAL" TUBES

TYPE	NET PRICES		TYPE	NET PRICES		TYPE	NET PRICES	
	1-24	25 Up		1-24	25 Up		1-24	25 Up
7A6	\$0.71	\$0.63	7A8	\$0.71	\$0.63	7Y4	\$0.71	\$0.63
7A7	.71	.63	7B7	.71	.63	35A5	.71	.63
			7C6	.71	.63			

Calling Cards

Imprinted with your name, address and phone number (give details). **\$1.00** K23005-500 For **FREE** with 50 RCA Tubes.

Not Home Cards

With 3-line imprint (give name, address, phone). K23004. **500 For \$75c** **FREE** with 35 RCA Tubes.



Illuminated Sign

For counter or window. Features radio service work as well as an RCA tube carton, 3 colors. With cord and 30 watt lamp and suction mounting bracket. K23000



\$1.50 YOUR COST. **FREE** with purchases of 250 tubes.

Package Tape Machine



An asset to any retailer for a quick, clean wrapping job. Durable. Complete with 5 rolls of unimprinted tape. **\$2.50** K23001 EACH. **FREE** with purchases of 250 RCA Radiotron tubes.

Personal Stamp and Pad



Here is a handy way of stamping unimprinted advertising material for distribution to your prospects. Stamp has 4-line imprint (give name, address and phone) and RCA monogram. K23002. **65c** With Pad. **FREE** with 75 RCA Radiotrons.

Personal Billheads

An inexpensive but necessary item for every business man. Complete with three line imprint (give name, address and telephone number). On good grade of white paper; with RCA monogram. K23003. **\$1.00** 500 For **FREE** with 50 RCA Radiotrons.



Auto Radio Accessories

Standard Auto Radio Condensers



To eliminate generator noise. Shielded. Dirt and oil proof.

Stock No.	Cap. Mfd.	Your Cost	10 for
K14220	.25	15c	\$1.35
K14215	.5	19c	1.70
K14216	1.0	24c	2.15

K14198—Similar to above, but Dual; 2—.5 mfd. with 2 leads.

Your Cost **35c**

FORD V8 Condensers



Tailor made for Ford V8's.

K14219—Type A. For V8 models up to 1936.

K14199—Type (B) for '37 and '38's 10 for \$1.59

Your Cost Each, **17c** Either Type.

MOTOROLA 65 and 70 Special Condenser

High voltage condenser used in the above models. Consists of two .0008 mfd. 1000 volt units in a single housing. Four leads. Made by Sprague.

K14207—Your Cost Each **26c** 5 for **\$1.17**

Dome Light Filter

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

K14208—5 for \$1.20

Your Cost **31c**

Ammeter Condenser

Eliminates noise in ammeter, horn, etc. 10 for \$1.70.

K14218—Each **19c**

SPRAGUE Oil and Gas Gauge Filters

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

K14203—Oil Gauge Filter. **29c**

K14204—Gas Gauge Filter. Your Cost Each

Wheel Static Eliminator

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

K5294

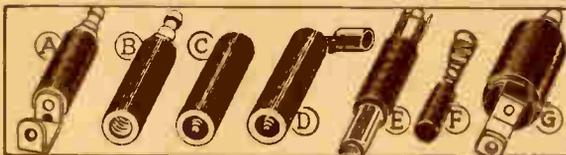
Your Cost Each **5c** 100 for **\$3.75**

AEROVOX "Hash" Condenser

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

K14217—Your Cost Each **24c**

Thrustest Auto Radio Suppressors



High quality suppressors housed in black molded cases.

No.	Type	Description
K5283	A	Standard Spark Plug
K5246	A	Special for Ford V8
K5278	B	Compact Spark Plug
K5247	B	Compact Spark Plug Type for Ford V8
K5285	C	Cable Type for Buick
K5283	D	Elbow Cable Type
K5279	E	Standard Distributor
K5293	F	Distributor Type for Ford 1936 and earlier.
K5277	F	Dis. Ford 1937-'38-'39.
K5256		Elbow; for 1938 Plymouth.

18 for **88c**

50 for **\$4.20**

Your Cost Each **10c**

Wire-Wound Suppressors

Most efficient suppressor. Eliminates ignition noise without impairing efficiency of motor. Low d.c. resistance—high inductance, due to use of winding instead of resistance material. Acts as a perfect RF choke to kill spark radiation. Rugged construction, in molded case to withstand heat and moisture. Appearance illustrated in "G", above.

K5296—Spark Plug Type **27c** Your Cost

K5297—Distributor Type **27c** Your Cost

9 for **\$2.20**

Master Ignition Distributor Suppressor

For distributor only. Hermetically sealed; impervious to heat and moisture. Eliminates need for other suppressors. D.C. resistance—10,000 ohms.

K5284—Your Cost Each **29c**

5 for **\$1.30**

J.F.D Auto Radio Cable Fittings

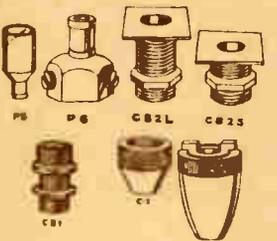


The above fittings will service practically all automobile remote control cables now in use. Made of the finest obtainable material and accurately machined to insure perfect fit. Match your old fittings' from the illustrations above, and order by stock number. For .130" and .150" cables.

Stock No.	Stock No.	Type No.	Your Cost Each
K8414	K8312	0	3 1/2c
K8415	K8313	1	
K8421	K8319	7	
K8416	K8314	2	5c
K8418	K8316	4	
K8422	K8320	8	
K8411	K8323	11	

Stock No.	Stock No.	Type No.	Your Cost Each
K8417	K8315	3	5 1/2c
K8419	K8317	5	
K8420	K8318	6	6c
K8423	K8321	9	
K8424	K8322	10	
K8329	K8330	12	

Special Fittings



Accurately machined from finest metals. Order by stock number from illustrations above. All are for .150" cables except M0130, which is for .130" cable. Type C5 is special casing chuck for Motorola; types M0130 and M0150 are bell ends for Motorola cables.

Stock No.	Type No.	Your Cost Each
K8294	P5	15c
K8295	P6	
K8296	CB2-L	
K8297	CB2-S	9c
K8298	CB1	
K8282	C5	18c
K8283	MO130	
K8284	MO150	

Housing Ends

Made of brass. Fit exactly. Popular types shown. Order by stock number according to the illustration shown above. For .150" cables.

Stock No.	Type No.	Your Cost Each
K8430	B	3 1/2c Each
K8293	C	
K8431	F	4c Each
K8292	D	
K8429	A	

Gear Fittings

Of brass, accurately machined. For .150" cables.

Stock No.	Type No.	Your Cost Each
K8425	G1	24c
K8426	G2	
K8427	G3	
K8428	P4	
K8331	P9	

Cable and Housing



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

Cable Only

Stock No.	Stock No.	Length In.	Your Cost Each
K8299	K8433	18	24c
K8300	K8434	24	29c
K8301	K8302	30	36c
K8303	K8435	36	42c

Cable and Housing

Stock No.	Stock No.	Length In.	Your Cost Each
K8304	K8437	18	38c
K8305	K8438	24	50c
K8306	K8307	30	62c
K8308	K8439	36	73c

We can supply cables complete with any two fittings shown, at an additional 50c. Specify stock numbers when ordering.

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

K16078—Your Cost **\$1.35**

Cable Swedging Tool

Will remove old fittings from shafting and housing without damaging them so that they can be used again. Will swedge both .130 and .150 shafting. Also fastens both cable and housing fittings. Can be used in vice or with special base listed below. Wt. 3 lbs.

K8324—Less Base. **\$7.35** Your Cost

Special Base. Coat semi-steel base for above. Wt. 2 lbs.

K8328—Base only. **\$2.94** Your Cost



"A" Line R.F. Filter

For eliminating interference coming through the "A" supply. This is tested by disconnecting antenna and noting whether interference persists. Thoroughly shielded and simple to install.

K14205

Your Cost **73c**

Noise Eliminator

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

K14202—List \$2.25

Your Cost **\$1.05**



Rubber Tubing

For replacement on Hinge, Cowl, Under-car antenna lead-ins, etc. Strong, pliable and waterproof. Protects lead-in from fraying, and insures good reception.

K16050—3 Feet. **10c**

ADDITIONAL 10% DISCOUNT ON LOTS OF 25 OR MORE ASSORTED CABLE FITTINGS

Auto Radio Accessories

J.F.D. Lo-Loss Shielded Cables

All heavily lacquered, covered by shielded loom and processed braiding. All for antenna.

K21801 For Standard Motorola; lead plus plug-in and antenna coupler. 30" long. Each **72c**

K21802 Motorola lead for Buick and Oldsmobile running-board 18". Each **44c**

K21803 Motorola lead with Standard Motorola coupler and swivel screw. 18" long. For side cowl aerials. Each **44c**

K21804 Special lead for Buick 1939 custom sets. 7-ft. long. Each **98c**

K21805 2 ft. male connector and ant.-end. lead. Each **26c**

K21806 2 ft. male and female connector. Each **26c**

K22627 4 ft. male connector and ant.-end. lead. Each **38c**

K22628 Same, but 6 ft. Each **49c**

K22629 Same, but 8 ft. Each **72c**

K21807—6 ft. #16 primary lacquered weatherproof interconnecting lead, complete with **23c** mounting lugs. Each **23c**

K21808 4 ft. male and swivel screw. For side cowl aerials. Each **50c**

Plug Connectors

K21810 (A) For Motorola lead-in. **6c**

Your Cost **6c**

K21800 (B) For Motorola, with adapter for standard lead-in. **15c**

Your Cost **15c**

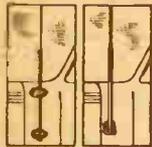
K21809 (C) For '39 Buick Lead-in. **9c**

Your Cost **9c**

K21799 (D) For '39 Buick, with adapter for standard lead-in. **18c**

Your Cost **18c**

STAR Auto Aerial



Kits

Select rod, by size and mtg. kit, by type and make up your antenna to suit. Quick, easy installation. Rods are

of stainless steel and Admiralty brass tubing, all heavily chrome plated. All rods are in 3-sections. Mtg. kits include 36" low-loss lead wire. Rod only. 22 1/2" to 60".

K21332—**\$1.23**

Your Cost **\$1.23**

Rod only. 29 1/2" to 84". **\$1.43**

K21333—**Each** **\$1.43**

Rod only. 35 1/2" to 99". **\$1.65**

K21334—**Each** **\$1.65**

Hinge type bracket Mounting Kit. **K21335**—**47c**

Your Cost **47c**

2-Bracket side-cowl Mounting Kit. **K21336**—**82c**

Your Cost **82c**

Under hood bracket Mounting Kit. **K21337**—**53c**

Your Cost **53c**

Double Rubberall Auto Aerial



Trombone type deluxe car antenna. Steel rods entirely sealed in rubber. With new umbrella type rubber insulators and mounting brackets. Instructions furnished. No drilling. Wt. 6 lbs.

K22335—**\$1.65**

Your Cost **\$1.65**

RCA Automatic Auto Antenna

Can be raised or lowered from inside the car. A stroke or two with pneumatic plunger sends it "up" to stay until desired. Complete operating mechanism mounts under dash, with only plastic handle showing. At rest, 3" extends above hood. Fully extended, measures 2". Chrome finished. With 30" low capacity cable. **\$3.50**

K21840—**Your Cost** **\$3.50**

RCA Deluxe Auto Cowl Antenna

Attractive, telescopic cowl antenna. Has anti-static ball tip, 2 ceramic insulators and anti-rattle features. 4-sections; extends from 29 1/4" to 100". Chrome finish. Complete, with 36-inch shielded cable. Wt. 3 lbs.

K21841—**\$2.50**

Your Cost **\$2.50**

K21971 Same as above, but 3-sections. Extends to 64 1/4". **\$1.76**

Your Cost **\$1.76**

"Trombone" Antenna

A directional antenna that delivers maximum pick-up with minimum noise. Easy to install. Complete with shielded lead-in wire and adjustable mounting brackets. Wt. 4 lbs.

K16242—**59c**

Your Cost **59c**

J.F.D. Cowl Type Antennas

Improved side-cowl type auto aerials. All are mechanically and electrically noiseless. Use large diameter Admiralty metal tubing, heavily chromium plated and beautifully finished. All have anti-static ball tips and streamlined moulded bakelite insulators. Design facilitates quick and simple installation, and provides a highly efficient car antenna. Supplied with 36" low-loss shielded lead.

No. Sect.	Lgth.	Each
K22045	2 52"	\$1.28
K21988*	2 52"	1.43
K21989	3 66"	1.72
K21990*	3 66"	1.72
K21991	3 78"	2.08
K21811*	3 78"	2.15
K22037	3 100"	2.20
K21812*	3 100"	2.20
K21976	4 100"	2.98
K21813*	4 100"	2.98
K21814**	3 100"	2.55
K21815**	4 100"	3.12

*Less lead, but with special receptacle for Motorola and booster coil.

**Indicates Special Lead for '39 Buick.

K21816—Special 4-section aerial; extends from 21 to 64 inches. With 1/2 ft. shielded loom lead-in wire. **\$2.05**

Your Cost **\$2.05**

Additional Discount of 10% on 6 or more of above listed types.

RCA Auto Hood Antennas

All types listed employ concealed hood mounting, ceramic insulation, anti-static ball tips, anti-rattle construction and are finished in bright chromium. Each are packed complete with 33" shielded cable. 4-Section Type. Uses 2 insulators and 2 brackets for under-hood mtg. Extends from 29 1/4" to 100 inches. Shpg. wt. 2 lbs.

K21842—**Your Cost** **\$2.50**

3-Section. Same but extends from 28 1/4" to 64 1/4". **\$1.76**

K21839—**Your Cost** **\$1.76**

2-Section. Same but extends from 27 1/4" to 47". **\$1.15**

K21838—**Your Cost** **\$1.15**

RCA Di-Pole Antenna

Ideal type for under-car installation. Has adjustable brackets. Scientifically balanced design to reduce ignition interference. Two are recommended for low signal areas. With 50" shielded cable, bayonet connector and fittings. Shpg. wt. 3 lbs.

K22018—**Your Cost** **\$1.53**

Manually Concealed Cowl Antenna

Unique cowl-mount aerial, which, when collapsed, is barely discernable. Mounts and conceals under dash. Extends manually from concealment to 50". 3-sections. With 30" shielded cable and bayonet fitting and all hardware. **\$1.95**

K21818—**Your Cost** **\$1.95**

Aero-Top Antennas



Provide improved reception. Made of seamless brass tubing 1/8" diameter with triple chrome plating. Absolutely rust-proof. No drilling necessary. Heavy Bakelite insulators set in 3" diameter suction cups.

K22033—For cars with windshields that do not open.

K22034—For cars with windshields that do not open.

K22039—Special for General Motors cars. **\$2.49**

Your Cost Each **\$2.49**

Any Above Types **10% discount in lots of 6 or more.**

Under Hood Mount Cowl Antennas

Mounting brackets, etc., concealed under hood of car. No holes to drill in car. Designed mechanically and electrically noiseless, with anti-static ball tip. Made of Admiralty metal tubing, heavily chrome plated. With 36" low-loss lead.

Stock No.	Sec.	Lth.	Each
K21843	2	50"	\$1.25
K21844	3	66"	1.59
K21845	3	100"	2.47

Hinge Aerials

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

K21987—Two-Sections **\$1.15**

Your Cost **\$1.15**

K22046—Three-Sections **\$1.15**

Your Cost **\$1.15**

8-Ft. Bumperod

3-Piece Telescopic unit, three sections. Maximum Length 8-feet (ideal for 5-meter work). Steel, rust proof with overall cadmium plating. Fits any front or rear bumper. With shielded lead. Shpg. wt. 4 lbs.

K22032—**Your Cost** **\$1.29**

DE LUXE Bumperod

K21820—Same as above, but constructed of Admiralty brass. Heavy triple chromium plating. Upper section polished stainless steel. **\$2.10**

Your Cost **\$2.10**

1-Piece Bumperod

Single steel rod, cadmium plated. Length 60". With 12-foot lead. Shpg. wt. 4 lbs.

K22030—**Your Cost** **69c**

Door Hinge Aerials 1-Piece

Easily attached to the door hinge of any car. Solid steel rod, 42" long, cadmium plating on copper. Molded insulation. No drilling. With 2-foot lead.

K22041—**39c**

Your Cost **39c**

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

K22036—**Your Cost** **\$1.10**

2-Piece Aerial

Extends from 26" to 47". Molded insulation. Supplied complete with lead-in and protective rubber sleeving.

K21828—**Each** **78c**

Lots of 5. **Each** **73c**

Double "Hairpin" Undercar Aerial

Designed for undercar or running board mounting. Supplied with 40" lacquered lead-in and mounting brackets, plus hardware. Fits all cars. Wt. 4 lbs.

K21819—**Your Cost** **93c**

Lots of 6. **Each** **86c**

MALLORY REPLACEMENT VIBRATORS



- 8 CONTACTS
- LONGER LIFE
- GREATER DEPENDABILITY

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

- 3 OUT OF EVERY 4 ARE MALLORY
- OVER 5,000,000 IN USE

Stock No.	Name and Model	Type No.	Your Cost
Admiral			
K6088	L7, 24, 25	245C	\$2.91
K6083	6D, 7A, 660	850	1.73
Arvin			
K6137	15, 25, 35, 45 (1st series)	296	1.73
K6135	15, 25, 35, 45 (2nd series)	292	2.03
K6135	10A, 20A, 20B, 30A, 30B, 16	292	2.03
K6136	7, 17, 17A, 27, 37, 18, 28, 33	294	1.73
K6096	61B, 62B, 617B	245	2.91
K6136	6, 29, 39	294	1.73
K6136	5, 22A, 32, 42	294	1.73
K6083	9A, 19	850	1.73

Stock No.	Name and Model	Type No.	Your Cost
Atwater-Kent			
K6137	666, 776	296	1.73
Belmont			
K6136	566, 666, 690	294	1.73
K6070	670A, 680A, 880A, B, C	299	2.31
K6135	660	292	2.03

Stock No.	Name and Model	Type No.	Your Cost
Bosch			
K6125	5 2 4 A, 6 3 4, 6 3 4 A, 1 3 9, 6 3 6, 1 4 9, 6 3 6	253Y	1.73
K6127	140 (Ed. 2 & 3)	271	3.50
K6106	150 (Ed. 1)	210	4.41
K6127	45A, 46C, 160	271	3.50
K6123	79C	253	2.31
K6136	736, 737, 738	294	1.73
K6096	600	245	2.91

Stock No.	Name and Model	Type No.	Your Cost
Buick-Olds-Pontiac			
K6113	980393, 364441	221	2.31
K6114	980459-980455	222	3.23
K6114	980441, 4037	222	3.23
K6130	544267-8	273C	3.23
K6130	982006-7-8	273C	3.23
K6130	983506-7	273C	3.23
K6130	405045-6-7	273C	3.23
K6167	980507-8-9	273D	3.23
K6130	405062-3	273C	3.23
K6084	982044, 983527	852	1.73
K6074	1308221	716	2.91

Stock No.	Name and Model	Type No.	Your Cost
Cadillac			
K6106	06W	210	4.41
K6106	2722 (072A)	210	4.41
K6123	6U2	253	2.31
K6113	56V1	221	2.31
K6098	6KB, 5X	248	2.91
K6081	1433970	954	2.91
K6084	7232563	852	1.73

Stock No.	Name and Model	Type No.	Your Cost
Chevrolet			
K6113	364441	221	52.31
K6114	600565-600566	222	3.23
K6130	601814-601862	273C	3.23
K6136	985100-200	294	1.73
K6167	985300-985301	273D	3.23
K6084	985252, 985285	852	1.73
Clarion			
K6136	AR100 (4-pr.)	294	1.73
K6137	6-Prong, TC50	296	1.73
Colonial			
K6113	106B Supp.	221	2.31
K6112	164	220B	2.35
K6137	164B	296	1.73
K6127	150 Syn	271	3.50

Stock No.	Name and Model	Type No.	Your Cost
Crosley			
K6115	98, 99, 102, 103, 5A1	223	3.50
K6169	4A1, 5A3, A155	247	2.91
K6130	A166, A256, A355, A366	273C	3.23
K6083	A166, A266	850	1.73
K6083	A168, A258, A358, A168, A267, A268, 587, 5587, 667 850	1.73	

Stock No.	Name and Model	Type No.	Your Cost
Delco (U.M.S.)			
K6130	626-7-8-9	273C	3.23
K6130	634-5	273C	3.23
K6136	630-1-2-3	294	1.73
K6113	2035 (revised)	221	2.31
K6149	R663 to R669	294C	1.73
K6076	7237499, 7237500-1, 7237600	860	1.73
K6084	R640-1-2-3, 983569, 983570	852	1.73

Stock No.	Name and Model	Type No.	Your Cost
Emerson			
K6137	965, 667 (6 pr.)	296	1.73
K6132	5A	277S	3.50
K6125	6A	253Y	1.73
K6114	678-1 and 2	222	2.22

Stock No.	Name and Model	Type No.	Your Cost
Ford			
K6112	40-18805 Maj.	220B	2.35
K6122	Philco	500P	1.73
K6170	Philco 1936, 1937, 601P	1.73	
K6085	6M890 (Zenith)	853	1.73

Stock No.	Name and Model	Type No.	Your Cost
General Electric			
K6127	B40, C41, B52	271	3.50
K6123	C60	253	2.31
K6165	C61	224	4.12
K6133	D50, D51, D52	286S	3.23
K6136	D72, N60	294	1.73
K6098	FA60-1	248	2.91

Stock No.	Name and Model	Type No.	Your Cost
Hudson-Terraplane			
K6112	Majestic Head 220B	\$2.35	
K6135	651HE, 650HD, 660TD		
	661TE	292	2.03
K6136	666, 680, H6	294	1.73
Lafayette			
K6106	S17762	210	4.41
K6133	B-62	286S	3.23
K6104	062, 062A	205	3.82
K6123	L30, 6S, 26S1	253	2.31
K6137	L-23, AM20	296	1.73
K6136	C60, LW10	294	1.73

Stock No.	Name and Model	Type No.	Your Cost
Majestic			
K6112	66, 116, 118	220B	2.35
K6112	40-18805	220B	2.35
Montgomery Ward			
K6123	62-118, 62-166	253	2.31
K6104	062	205	3.82
K6144	62-136, 62-138	F251	2.62
K6133	5Y, 62-199	286S	3.23
K6070	102	299	2.31
K6136	62-202, 62-236	294	1.73
K6079	62-334	952W	2.91

Stock No.	Name and Model	Type No.	Your Cost
Motorola			
K6138	61, 68	302S	3.82
K6116	77	230	4.41
K6126	77A, 44A, 66	270B	3.50
K6117	55, 55A	231	4.26
K6119	44	235	3.50
K6123	Dual 6, Twin 8	253	2.31
K6124	57, 75, 100	253T	2.31
K6124	62, 79, 110	253T	2.31
K6069	8-30, 8-40, 8-50, 8-60, 9-44, 9-49	902M	1.47
K6077	9-24	903M	1.47

Stock No.	Name and Model	Type No.	Your Cost
Philco			
K6122	All prior to 1936, 816	500P	1.73
K6170	1936 Models 817, 818, 819	501P	1.73
K6093	1937, 1938	505P	1.73
K6071	HT11X, T10	507P	1.73
K6072	38-35 (121)		
	38-40 (121)	510P	1.76
K6078	37-34, 37-62A, 38-39 (121)	951P	3.09

Stock No.	Name and Model	Type No.	Your Cost
RCA-Victor			
K6127	M34, M105	271	3.50
K6123	M107 (6 volt)	253	2.31
K6171	5M, 6M, 6M2	249	2.91
K6165	M123	224	4.12
K6136	H-6, M109	294	1.73
K6133	M101, 104, 108	286S	3.23
K6171	67M1-2-3	249	2.91

Stock No.	Name and Model	Type No.	Your Cost
RCA Victor-Cont.			
K6171	8M3, 8M4	249	\$2.91
K6083	8M, 8M1, 8M2, 9M1, 9M2, 67M	850	1.73
Sears-Roebuck			
K6136	7128 (4 pr.) 566, 666	294	1.73
K6137	7128 (6 pr.)	296	1.73
K6171	4400	249	2.91
K6136	7157, 7167	294	1.73
K6127	1859, 7117	271	3.50
K6149	4600, 4601	294C	1.73

Stock No.	Name and Model	Type No.	Your Cost
Stewart-Warner			
K6136	1171, 1172, 1311, 1312	294	1.73
K6087	R143, R160, R178	294SW	1.73
K6135	1121, 1122, R112, 1123	292	2.03
K6136	R117, 118, 131	294	1.73
K6086	R318, R319	854	1.73

Stock No.	Name and Model	Type No.	Your Cost
Stromberg-Carlson			
K6106	33, 33A	210	4.41
Wells Gardner			
K6133	25Y1 (6 volt)	286S	3.23
K6104	062, 062A	205	3.82
K6106	072, 072A	210	4.41
K6106	06W, 06X	210	4.41
K6123	6U, 6S, 26U1	253	2.31
K6144	26B1, 26B5	F251	2.62
K6098	6K, 6J	248	2.91
K6079	C6, 6CA, C6B, 5C6, 15C6	952W	2.91
K6080	6C10	953W	2.91

Stock No.	Name and Model	Type No.	Your Cost
Westinghouse			
K6136	WR25 (4 pr.)	294	1.73
K6137	WR26 (6 pr.)	296	1.73
Zenith			
K6113	460, 462	221	2.31
K6087	5M90, 663-4	294SW	1.73
K6136	666, 668, 680, 6M91D, 7M91S	294	1.73
K6136	7M91D, 6M90S, 6M90D, 6M92	294	1.73
K6085	6M390 (Ford)	853	1.73

Cup Adapter, when purchased with vibrator. **K6148 - Your Cost \$2.91***
*Means cup adapter is necessary.

Copper Shielding

Used for shielding of interference creating circuits. Closely woven.

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

Shielded 7 MM. Wire

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

K16211 - Per Foot **4 1/2c**
K16213 - 100 Foot Spool **\$4.20**

Auto Ignition Wire

Standard 7 mm. black lacquered braided wire. Moisture proof. Shpg. wt. 7 lbs. per 100 ft.

K20851 - Per Foot **3c**
K20852 - 100 Feet **\$2.50**

Fuse Retainer

Two piece connector of heavy metal, with fibre inside insulation. 2 1/2" long.

K12372 - 10 for 42c Each **6c**

Antenna Connector

Two-piece metal container, fibre inside insulation. Powerful spring contact. 12 for 30c

K16714 - Your Cost **4c**

MALLORY "4-4" Vibrator

A competitively priced vibrator similar to standard Mallory number 294 but with 4 contacts only. For use in low drain battery or auto sets only. Standard 4-prong base, non-synchronous. Size: 3 1/2 x 1 1/2".

K6089 - Each **\$1.03**
In Lots of 6, Each **95c**

No. 851 Vibrator

Mallory replacement for current Colonial, Sears-Roebuck and Firestone receivers.

K6075 - Each **\$1.73**
In Lots of 6, Each **\$1.56**

No. 514 Vibrator

For Buick and United Motor Service models 980534, 980535, 980566, 1304873 and 1304874.

K6073 - Your Cost Each **\$2.91**
Lots of 6, Each **\$2.62**

Hull Auto Compass

Tells you the direction every instant. Easy to install—mounts on window, windshield or header board. Has sapphire bearing; liquid float type; Bakelite case; built-in magnetic compensator; adjustable bracket. Shpg. wt. 2 lbs.

K8311 - Your Cost **\$2.49**

Auto Body Plug

Plug up arial holes in auto tops, cowls, etc. Large flat-head machine screw with lock washer, rubber spacer, and nut. Brass, chrome plated. 1/2" long, 1/4" head.

K8332 - Each **15c**
Box of 12. Your Cost **\$1.62**

GAS-DRIVEN GENERATORS *and* converters

10 Foot Tower

Exclusive Air-Brake Governor Operates By Centrifugal Force



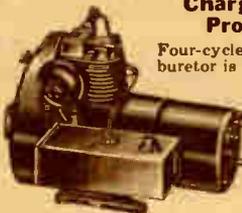
Hy-Tower "Skyscraper" Windcharger - Free Power!

New and greatly IMPROVED! Never before such efficient, trouble-free performance. Starts charging in a 7 1/2 mile breeze! And an exclusive Air-Brake Governor, operating by centrifugal force, assures absolute safety at all times. Has a maximum charging rate of 17 amperes and will charge any standard 6 volt storage battery used for radios and 6 volt lighting systems. Air-cooled generator has grease-sealed bearings sealed for the life of the machine. A 10 foot steel tower provides a sturdy support for the unit. The output is carefully filtered to avoid radio interference. With this unit, it becomes a simple matter to provide lighting for hen houses, etc., without running wires and setting up poles over any great distance. Shpg. wt. 75 lbs

K1724 - YOUR COST When Purchased With Any Lafayette Radio **\$17.50**
Purchased Separately, Your Cost Each **\$19.75**

RURAL-POWER GAS GENERATORS

Charges 6 and 12 Volt Batteries Provides Power for Lighting



Four-cycle air cooled engine with suction type carburetor is rated at 3/8 h.p. at 2350 r.p.m. Fly ball governor, low tension ignition. Ammeter included to show rate of charge. A push-button self-starter included in model D. Model C uses hand starter. Both have 1-quart capacity fuel tanks and are 16" long, 11" wide and 10" high. All furnished complete with generator cut-out, battery leads, clips, and instructions.

Shpg. wt. 70 lbs.
K17239 - Model C, for 6-v. batteries, 150 watts. **\$32.50**
K17230 - Model D. Charges 6 and 12 volt batteries. 150-250 watts. With self-starter. **\$39.05**
Your Cost, Complete. **\$47.25**
K17232 - For charging 32-volt batteries - 250 watts
K17233 - For 32-volt lighting - 250 watts

Genuine Mazda Edison Base 6-Volt Light Bulbs
K12255 15-watts. Draws 2.5 amps. Your Cost **25¢**
K12256 25-watts. Draws 4.2 amps. Each

ATR DC to AC Inverters



Models For 6, 12, 32, 110 and 220 Volts

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

Stock No.	DC Volts	Input	Watts	Int. Con.	Your Cost
K17242	6	100	75		\$14.08
K17243	12	125	100		14.08
K17244	32	150	100		15.26
K17245	110	250	150		15.26
K17246*	110	325	225		20.58
K17247	220	250	150		15.26

* Heavy duty model. Shpg. wt. 27 lbs.

Polarity Changer Inverter

Very compact - employs no transformer. Efficiency in excess of 95%. Corrected for power factors not lower than 75%. 110 V. 60 cycles AC output. Shpg. wt. 6 lbs.

K17248 - 110 volts D.C. input; 110 volts A.C. output. 300 watts output. **Your Cost \$14.12**
Write For Complete ATR Catalog.

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 1/2 H.P. All models have push-button for starting, and also have auxiliary rope-pull starter. Engine operates from 12 to 16 hours on one gallon of gas; base tank has 1-gallon capacity. Filter recommended where unit is used to operate radio. Size: 19 1/2" long, 14" high, 14" wide.



K19880 - 300 watts, 110 volts 60-cycles a.c. 200 watts on d.c. Also delivers 6-volts d.c. for charging 6-volt storage batteries. Shpg. wt. 122 lbs. List \$79.95.

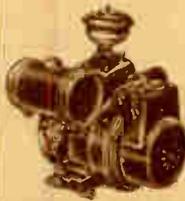
Your Cost **\$58.35**
K19881 - Same as above, with remote control; ammeter and voltmeter in control box. List \$104.95.

Your Cost **\$78.70**
K19882 - 300-watts, 110 volts 60 cycles a.c.; 12 volts d.c. for charging 12 volt batteries. Wt. 122 lbs. List \$87.45.

Your Cost **\$65.58**
K19883 - As above, with remote control, ammeter and voltmeter in control box. List \$112.45.

Your Cost **\$84.30**
K19887 - Filter with ignition shielding, Each \$4.50

PINCOR "Gold Crown" Heavy Duty 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 (runs approx. 7 hrs. on 1 gal. gas) - 1 KW. has 2 h.p. (runs 4 to 5 hrs. on 1 gal.). 4 pole self-excited generators mounted on engine shaft. Push-button electric starting (requires 12 V. battery); auxiliary rope starter. K19894 - 600 W. Model. 28x15 1/2 x 15 1/2". Wt. 160 lbs.

Your Cost **\$134.60**
F.O.B. Chicago

K19895 - 1 KW. Model. 28x17 1/2 x 19 1/2". Wt. 190 lbs. **Your Cost \$194.60**
F.O.B. Chicago

6 V. Lighting Kit



Complete wiring kit (B) contains: 100 ft. No. 8 weather-proof wire, 25 ft. drop cord, 6 pull-chain sockets, 6 porcelain cleats, 6 nail-it knobs, 2 - 6" porcelain tubes, porcelain entrance switch and fuse block, 2 30 ampere fuses, 4 oz. friction tape, 4 oz. rubber tape.

K17240 - Your Cost **\$6.85**

STANCOR 6-Volt "A" Eliminators



For supplying 6 volts of pure d.c. power from any 110 v., 60 cycle. a.c. line. Eliminates the messy 6 v. storage battery. All employ 24 junction copper-oxide rectifiers, eliminating tube replacement.

K15689 - Standard 6 v. Pack. Delivers 6-7 volts at 12.5 amps. With output meter, voltage controls, etc. Size: 14x8 1/2 x 7 1/2". Shpg. wt. 29 lbs.

Your Cost **\$19.55**

K15690 - De-Luxe 6 v. Pack. Delivers 4 to 8 v., at 15 amps. With output meter and voltage controls. Size: 14x8 1/2 x 8". Shpg. wt. 33 lbs. **Your Cost \$25.97**

JANETTE Converters



With Built-In Radio Filters

Stock No.	Output Watts	Input Amps.	Your Cost
110-115 V. D.C. to 110 V. 60 Cycle A.C.			
K19803	110	1.9	\$26.90
K19804	150	2.4	29.69
K19805	300	4.0	41.75
K19815	500	6.4	54.98
220 V. D.C. to 110 V. 60 Cycle A.C.			
K19816	150	1.2	30.87
6 V. D.C. to 110 V. 60 Cycle A.C.			
K19808	40	15.0	33.37
K19818	60	24.0	41.75
12 V. D.C. to 110 V. 60 Cycle A.C.			
K19870	120	18.0	35.28
K19876	160	22.0	49.84
32 V. D.C. to 110 V. 60 Cycle A.C.			
K19800	110	6.5	26.90
K19801	150	8.5	29.69
K19802	300	15.0	41.75
K19823	500	18.0	54.98

For operating 110 volt, 60 cycle a.c. appliances, radios, P.A. systems, etc. from d.c. supplies. All equipped with radio interference filters; if filter is not required write for price on model desired.

Lafayette Rotary

Converters with Radio Filter



A new line of low priced d.c. to a.c. converters incorporating many improved features. All have double wound armature with separate a.c. and d.c. windings; good regulation of output voltage; extremely quiet operation. All furnished complete with efficient radio noise filter. Sizes other than those listed can be supplied for any application.

32 Volts D.C. to 110 Volts A.C.				110 Volts D.C. to 110 Volts A.C.			
Stock No.	Output Watts	Input Amps.	Your Cost	Stock No.	Output Watts	Input Amps.	Your Cost
K17228	110	5.6	\$21.56	K17229	110	1.69	\$21.56
K17208	150	7.8	24.48	K17210	150	2.23	24.48
K17209	300	15.0	33.75	K17211	300	4.0	33.75

Converters and gas-driven generators are available for all applications. Write for details and prices.

BATTERY CHARGERS, ELIMINATORS and ACCESSORIES

ELECTRO 1.4-2 Volt A & B Eliminators



Available in two types; one for operation from any 6-volt storage battery, and one for operation from 115 v., 60 cycles a.c. Both supply up to 180 volts for "B" power. Tube rectifiers are employed in "B" supply; tapped voltage divider provides 45 v., 67 v., 90 v., 135 v., and 180 volt taps. Output for "A" and "B" is pure d.c., filtered thoroughly expressly for radio receivers.

K15692—Model J. 6-volt operated type. Delivers 2 volt "A" power. "B" supply current (max. 40 mils.). Size: $9\frac{1}{2} \times 6\frac{1}{2} \times 6\frac{1}{2}$ ". With all cables and instructions. Shpg. wt. 13 $\frac{1}{2}$ lbs.

Your Cost \$13.04

K15693—Model E. 115 v. operated type. Delivers 1.4 or 2 volt "A" power. "B" supply max. 50 mils. Size: $9\frac{1}{2} \times 6\frac{1}{2} \times 6\frac{1}{2}$ ". With "A" voltage control. Wt. 16 $\frac{1}{2}$ lbs.

Your Cost \$14.75



TUNGAR Bulbs

Used in battery chargers, "A" eliminators, etc. Can replace Rectigon bulbs of equal rating. Tested.

No.	Type	Rating	Your Cost Each
K21900	A	6 amp.	\$2.94
K21901	B	2 amps.	
K21902	C	2 amps.	
K21904	B	5 amps.	\$3.67
K21903	D	6 amps.	3.67
K21911	D	15 amps.	7.35

Tungar-Type Bulbs

K21905—0.6 amp. bulb.

Your Cost \$1.85

K21906—2-amp. bulb with tip.

Your Cost \$1.85

K21907—2-amp. bulb without tip.

Your Cost \$1.85

K21908—6-ampere bulb.

Your Cost \$3.45

MALLORY Replacement Rectifiers



Copper oxide type, with universal mtg. features. For replacement in Mallory battery chargers and

boosters as well as for many other makes. Shpg. wt. 3 lbs., each.

K437—Type F16C3M. Replaces old types 16C3, X116, X16, ME16.

Your Cost \$3.00

K438—Type F16C3MB. Replaces 16C3B, XB16, M16.

Your Cost \$3.85

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

BATTERIES & CHARGERS



VESTA 2 and 6 Volt Storage Batteries

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

Stock No.	No. of Plates	6-Volt Batteries		Shpg. Wt.	Your Cost
		Amps. Cap.	Radio Rating Hrs.		
K21099	13	92	105	35	\$5.95
K21098	15	106	120	42	6.95
K21097	17	124	145	50	7.45

2-Volt Battery
Single cell storage battery, delivers 2-volts to any 2-volt farm receiver. No external resistor necessary. Good for 300 hours of operation at 0.5 ampere drain; then recharged same as car or other radio battery. Lasts indefinitely with average good care. Shpg. wt. 30 lbs.

K21096—Your Cost \$4.35



5-Amp. Tungar Charger

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

K15699—Your Cost \$10.88



New MALLORY Chargers

Battery Booster
Illustrated at "A". Dry disc rectifier type, with 4 to 2 amperes tapering charge. Has external circuit breaker, with quick front reset. Perforated for thorough ventilation. Equipped with 6 ft. cord for light socket, and a 4 ft. cord with clamp-on receptacle for dash mounting. Dim: $6 \times 8\frac{3}{8} \times 3\frac{3}{8}$ " deep. Finished in black wrinkle. For 115 volt, 50/60 cycles a.c. operation. Shpg. wt. 5 lbs.

K15696—List \$7.95. Your Cost \$5.19

Model 5535B Charger
Illustrated at "B". Delivers 6 to 4 amperes tapering charge. Employs dry-disc rectifier. Has circuit breaker, and thorough ventilation. Large meter permits checking charging rate. Finished in black wrinkle and chromium. Dim: $7\frac{1}{2} \times 4\frac{1}{2} \times 4\frac{1}{2}$ ". With 6 ft. A.C. cord, 6 ft. D.C. cord, and receptacle for dash mtg. For 115 V., 50-60 cycles A.C. Shpg. wt. 7 $\frac{1}{2}$ lbs.

K15698—List \$11.50. Your Cost \$7.52

Model 107 Heavy-Duty Charger
Illustrated at "C". Has 10 to 7 ampere charging rate, which will completely recharge a battery overnight. Employs a dry-disc rectifier, large front meter, circuit breaker, and has provision for thorough ventilation. Complete with 6 ft. A.C. cord, 6 ft. D.C. cord, and receptacle for dash mounting. Size: $9\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{3}{4}$ ". For 115 volts, 50-60 cycles A.C. Shpg. wt. 11 lbs.

K15700—List \$15.00. Your Cost \$9.80

P.E.P. 2-Volt Storage Batteries

Ideal for portable battery sets, for experimental purposes, for bicycle lights, etc. Units are compact, rugged, re-chargeable, non-spillable and leak-proof. Molded, acid proof cases will stand up under severe service. With heavy color coded rubber leads.

Stock No.	Size, 1/4 Amp.	Size, Ins.	Wt., Lbs.	Your Cost
K15701	15	$3\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2}$	1	\$2.62
K15702	24	$2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{3}{4}$	1 $\frac{1}{2}$	2.78
K15703	36	$2\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{3}{4}$	2 $\frac{1}{2}$	2.94

Battery Charger For Above
Small and silent in operation. Weighs less than 1 lb. For 110 volts A.C. (25/40/60 cycles) or D.C. Shpg. wt. 2 $\frac{1}{2}$ lbs.

K15704—Your Cost \$1.64

GTC "Porta-Power", For Battery Portables

Designed to replace "A" and "B" batteries in portable sets having 4 to 6 tubes. Operates from 110-120 volts, 50-60 cycles a.c., and delivers 1.5 volts at 200 ma., and 90 volts at 13 ma. Completely filtered; humfree reception. "A" and "B" circuits are not common, to permit use of unit in various types of portables. Compact construction, size: $3\frac{1}{2} \times 6 \times 2$ ". Switch in line cord, turns power to radio "on" or "off". Consumes only 7 watts when in operation.

Shpg. wt. 4 lbs. K15705—Your Cost \$4.41



Sensationally New! EVEREADY "Mini-Max"

"B" Battery for Portable Sets

Compact 45 V. "B" battery, for 1.4 volt portable receivers. Employs new construction which gives more than double the listening hours of conventional battery of similar size. Dim: $3\frac{1}{2} \times L. 1\frac{1}{2} \times W., 5\frac{1}{16} \times H.$ With receptacle for standard plug. Tapped at 22 $\frac{1}{2}$ volts. Net wt. 2 lbs. Shpg. wt. 3 lbs.

K20156—Type 482 \$1.03
Your Net Cost Each



New Companion "A" Batteries

Similar in appearance to above, and intended to "match" above in appearance and hours of use.

K20157—Type 718. 6 V. 2-prong socket. Dim.: $3\frac{1}{2} \times 2\frac{1}{2} \times 5\frac{11}{16}$ ". Shpg. wt. 3 $\frac{1}{2}$ lbs.

Your Cost Each \$69c

K20158—Type 746. 4 $\frac{1}{2}$ V. 2-prong socket. Dim.: $3\frac{1}{2} \times 1\frac{1}{8} \times 4\frac{11}{16}$ ". Shpg. wt. 2 lbs.

Your Cost Each \$31c

New Special "A" Batteries

Long-life "A" batteries for portable sets. Designed to match "Mini-Max", "B" batteries, in hours use. Both 1 $\frac{1}{2}$ and 6 volt units are $10\frac{1}{2} \times 3\frac{3}{8} \times 1\frac{11}{16}$ ".

K20159—Type 745. 2-prong 1 $\frac{1}{2}$ V. Shpg. wt. 5 lbs. (Net wt. 3 lbs.)

Your Cost Each \$66c

K20160—Type 747. 2-prong 6 V. Shpg. wt. 5 lbs. (Net wt. 3 lbs.)

Your Cost Each \$69c

TRUTEST "A & B" Battery Pack

Single, compact and complete unit for supplying 1 $\frac{1}{2}$ volts of "A" power and 90 volts of "B" for 1.4 volt battery portables. Used in De Wald, Sentinel, Sonora,

Esly, etc., receivers. With 4 hole plug-in socket. Dim: $5\frac{1}{2} \times 2\frac{1}{2} \times 6\frac{1}{2}$ ". Net wt. 4 lbs. Shpg. wt. 6 lbs.

K20161—Your Cost \$2.45



B-L Copper-Oxide Rectifiers

For pin games, "A" power units, small chargers, field exciters, signalling equipment, etc. Shpg. wt. 1 lb. each.

K435—1 amp. at 6 V., 2.5 amps. at 4.5 volts. Type B-12. \$2.35
Your Cost Each

K436—2 amps. at 6 V., 1 amp. at 8 V., Type B-16. \$2.65
Your Cost Each



HYDROMETER

Live red rubber bulb and nozzle; beaded float. Wt. 3 lbs.

K15694—Your Cost \$24c

NOTE: See Page 94 for "A" and "B" testers.

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

A-B Pack Batteries



Type 748. Contains a 1½ volt "A" supply and 90 volts of "B". The latter is layerbilt construction. Has multiple sockets for use with 1.4 volt receivers using either 3 or 4 prong plugs. Size: 15¼x4¾x6¾". Wt. 25 lbs.
K20140—Type 748 **\$3.38**
 Your Cost Each

Type 749. 90 volt Layerbilt battery for use with 1.4 volt non-portable receivers. Size: 15¼x3½x7¾". Wt. 18 lbs.
K20141 **\$2.17**
 Your Cost Each



4½ V. "C"
Type 771. Plug-in clip terminals. Taps at 3 and 4½ volts. 4x1½x3½". Wt. 1 lb.
K20108—Less plug. **26c**
 Each
 Lots of 5. Each
K20129—Plug, Each **3½c**
Type 761T. 4½ volts, with taps at 3 and 1½ volts. Four screw terminals. 4¼x1½x3½". Wt. 1 lb.
K20109—Each **41c**
 Lots of 5. Each **37c**

7½ V. "C"
Type 773. Has screw terminals. Taps at 1½, 3, 4½, 6, and 7½ volts. 4½x2½x8¾". Wt. 1 lb.
K20114 **48c**
 Your Cost
 Lots of 5. Each **43c**



"C" Batteries



Type 768. Plug-in and clip terminals for connections, less plug. Taps at 3, 4½, 16½ and 22½ v. 4½x2½x1¼x x 2½". Wt. 2 lbs.
K20106 **68c**
K20130—Plug, Each **3½c**

Portable 22½ V. "C"
Type 778. Clip terminals. Taps at 3, 4½, 6, 9, 10½, 16½, 22½ volts. 4½x2½x3½". Wt. 2 lbs.
K20107—Each **74c**
 Lots of 5. Each **68c**

Portable 22½ V. "C"
Type 763. Post terminals. No taps. 3½x2½x2¾". Shpg. wt. 1 lb.
K20105—Each **90c**
 Lots of 5. Each **82c**

Flashlight Cells
Type 950. Extra long life cells having the exclusive Eveready metal top. 1¼x2¾".
K20124—1½ volts. 12 For 78c **10c**
 Your Cost
Type 935. "Baby" cell. 1x1¼".
K20125—12 For 78c **10c**
 Your Cost Each

Pen-Lite Cells
Type 915. Small single 1½ volt cell for pocket flashlights, hearing aids, etc. Size: 2x¾".
K20132—Your Cost Each **5c**
 12 For **39c**

BATTERIES FOR PORTABLE 1.4 V. SETS

The chart given below indicates the correct batteries to use for the various sets listed. In some cases larger batteries than those originally furnished by the manufacturer are recommended for greater economy. When in doubt as to which battery to use send Model No. and make of set.



Eveready batteries have established an enviable name for themselves over a period of many years. Only the finest materials enter into their construction and workmanship is exceptionally fine. They last longer and give more consistent service—yet are priced unusually low.

Battery Chart

Make	Model	"A"	"B"
Admiral	311-4D	1-741	2-762
Admiral	164-4D	1-741*	2-762
Air King	3910	1-741	2-762
Belmont	403	1-741	2-762
Climax	568	1-742	2-762
Crosley	429	1-741	2-762
Detroit	282	1-742	2-762
Detroit	288	1-741*	2-762
Detroit	286	1-741	2-762
Detroit	289	1-742	2-762
Emerson	CE-259	1-742	2-762
Emerson	CE-263	1-741	2-762
Emerson	CT-275	1-741	2-762
Fada	P-49	1-741	2-762
Garod	BP-5	1-742	2-762
Gen. Elec.	GB-400	1-741	2-762
Howard	10-B	1-742	2-762
Lafayette	E-72	1-741	2-762
Lafayette	BB-70	1-741	2-762
Majestic	420	1-742	2-762
Majestic	421	1-742	2-762
Philco	40	1-742	2-762
Pilot	11	1-742	2-762
Pilot	12	2-742	2-762
Pilot	H-11	1-742	2-762
Radio Pr.	4-D	1-743*	2-762
R.C.A.	94-BP-4	1-742	2-762
Sears			
Roebuck	62-56	1-742	2-762
Sentinel	151-BL	1-743*	2-762
Sentinel	178-BL	1-741*	2-762
Spartan	410-1	1-743*	2-762
Stew. Wmnr.	02-411	1-743	2-762
Travler	553-B	1-742	2-762
Travler	554-B	1-742	2-762
Warwick	9-437	1-743*	2-762
Wells Gard.	5-B-3	1-743*	2-762
Westghse.	WR-675	1-742	2-762
Zenith	4K-400	1-742	2-762

*Initially equipped with 742 but longer lasting 741 recommended.

1.5 Volt "A" Batteries

Type 742. Four cell. 2½x2½x4" high. Shpg. wt. 1¼ lbs.
K20139—Each **34c**
Type 743. Six cell. 3¾x2½x3¾" high. Shpg. wt. 2¼ lbs.
K20152—Each **51c**
Type 741. Eight cell. 3½x2½x5½" high. Shpg. wt. 3½ lbs.
K20138—Each **66c**
Type 740. Eighteen cells. 3¾x4½x7¾" high. Shpg. wt. 7 lbs.
K20137—Each **\$1.23**

45 Volt "B" Batteries

Type 762. 45 volt plug-in type battery with duplex socket so that it can be used with any type radio using this size battery. 4½x2½x6½" high. Shpg. wt. 8½ lbs. Less plugs. **\$1.03**
K20131—Each
Type 727. 45 volt plug-in battery with duplex socket. 4½x1¼x5½" high. Shpg. wt. 1¼ lbs.
K20153—Less plugs **\$1.13**
Standard Pkg. of 2. Each. **\$1.03**
Type 738. 45 volt plug-in type battery with standard socket. 2½x2½x4¼". Shpg. wt. 1¼ lbs.
K20154—Less plugs **\$1.27**
BATTERY PLUGS
K20150—Plug for use with any of the following battery types: 740, 741, 742, 743, A-1300. **3½c**
Each

45 V. "B" Battery

High quality 45 v. B Battery with standard screw type terminals. Terminals have insulated caps. Tapped at 22½ volts. Size: 4½x2½x6½". Wt. 4 lbs. **Type 762S.** **K20104—\$1.25**
 Each
 Lots of 5. Each **\$1.14**



2 Volt "Air Cells"

Type A2600. 2 Volt Air Cell. Life 1000 hours at 660 Ma. drain, longer on smaller drain. Shipped dry. No shelf-depreciation. No recharging required; just add water monthly. Constant voltage. Size: 9½x6½x10½". Shpg. wt. 24 lbs.
K20126—Type A2600 **\$4.51**
Type SA2600—Heavy-Duty Type. Same as above but for receivers consuming up to 750 Ma. Wt. 24 lbs.
K20127— **\$5.40**
Your Cost Each
Type A2300—Medium Size. For sets drawing less than 660 Ma. Size: 8½x5½x8¾". Shpg. wt. 13 lbs.
K20135— **\$2.92**
Your Cost Each



3-Volt Dry "A" Packs



Type X-124. For 2-volt receivers. Supplies approximately 400 hours of service, when used 3 hours per day on sets drawing up to ½ amp. Insulated terminals. 10½x10¼x6¾". Shpg. wt. 36 lbs. **\$5.87**
K20120—Each
Type X-125. Similar to above but smaller. Voltage declines with age—use of tapped resistor required. 11¼x4¼x7¾". Shpg. wt. 20 lbs.
K20121— **\$2.28**
Each

1.4 Volt "Air-Cell"

Type A-1300. For the latest battery-operated receivers using 1.4 volt tubes; current drain not exceeding 660 milliamperes. 1500 hours guaranteed, at 200 mill drain Plug-in connection; shipped dry—just add water. Dim. 5½x4¾x8¾". Less Plug (see above). Shpg. wt. 7½ lbs.
K20136— **\$1.69**
Your Cost Each

1½ V. "A" Cells

Type 7111. Equipped with non-breakable metal top. Exceptionally long life. 2½" diam., 6" high. Wt. 2 lbs. **\$33c**
K20122—Each
 Lots of 25. Each **30c**



No. 6 Eveready "Ignitor"

For ignition, door bells, etc. Shpg. wt. 2 lbs. **29c**
K20123—Each
 Lots of 12. Each **26c**
No. 16. Light-Duty 1.5 Volt Cell. Size: 2½x6¾". Wt. 2 lbs. **21c**
K20133—Each
 Lots of 12. Each **19c**

LAYERBILT 45 V. "B" Batteries



Famous LAYERBILT construction employed in all of the batteries listed below. Insures longer life and a maximum of operating efficiency. All are equipped with sockets for Fahnestock terminal plug. Supplied less plug which must be ordered separately.
Type 585 Standard. Size 8½x3½x7¾". **K20100—Shpg. wt. 9 lbs.** **\$1.01**
 Lots of 6. Ea. 92c. Your Cost Ea.
Type 586 Medium Heavy-Duty. Size: 8½x4½x7¾". **\$1.41**
K20101—Shpg. wt. 14 lbs. Each
 Lots of 6. Each **\$1.28**
Type 485 Medium. Size: 8x3x7¾". **\$1.21**
K20103—Shpg. wt. 10 lbs. Each
 Lots of 6. Each **\$1.11**
Type 486 Large Heavy-Duty. Size: 8x4½x7¾". **\$1.53**
K20102—Shpg. wt. 15 lbs. Each
 Lots of 6. Each **\$1.39**
Type 386 Super Heavy-Duty. Size: 8½x4½x7¾". **\$1.75**
K20134—Shpg. wt. 16 lbs. Each
 Lots of 6. Each **\$1.60**
K20123—Clip-In Plug, with Fahnestock Terminals. Each **3½c**

4½ V. "C" Battery
Type 781. Screw terminals. 2½x2½x3½". Wt. 1 lb. **30c**
K20110—Each
 Lots of 5. Each **28c**

Test Batteries
Type 703. 4½ volts. Contains 3 cells. 2½x2½x6¾". **K20111—** **20c**
Each

Type 750. 3 volts. Contains 2 cells. 2½x1½x6¾". **K20112—Each** **10c**
Type 751. 4½ volts. Contains 3 medium size cells. 2½x2x6¾". **K20113** **20c**
Your Cost Each

No. 3251 Flashlight



2 cell focusing type. Unbreakable lens. 6¾x1¼". Wt. 3 lbs. **\$1.21**
K15043—
Your Cost

NOTE
 All Eveready Prices Shown Are NET. 2% Cash Discount Already Deducted.



BARGAINS!

QUANTITY LIMITED



Full-Wave Vibrator X'former



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

K1547
Your Cost **94¢**

CROWE Motor-Driven Push-Button Tuner For Auto Sets



6 station motor driven push button tuner originally designed for Arvin models 22A, 32 and 42 auto sets. **But can be used on other makes with similar fittings.** Designed for 16-1 condenser drives. Station settings easily changed at any time. Clutch permits manual tuning. Furnished complete with adapter plate for above sets, call letter tabs, complete hardware and full operating and installation instructions. Dim. (less adapter) 3 1/4" x 3 1/4" x 5 1/2". Push button: 4 1/4" x 1 1/2" x 1 1/4". Wt. 8 lbs.

K19174—**Your Cost** **\$3.95**

AC-DC Aerial Wire



Made especially for use with a.c.-d.c. mid-g sets. Stranded

conductor, rubber insulation. **K16130**—In 25-ft. rolls. **Each** **6¢**
10 Rolls For **50¢**
K16131—250-ft. Roll
Your Cost **45¢**

Antenna Loading Coils



For use with doublet antennas, when full length of span cannot be used. Also suitable for use as 5 or 10 meter r.f. chokes. Enamel wire wound on ceramic tube 2" long.

K17085—**Each** **4¢**
5 For **10¢**

Auto Radio Knobs



Polished black bakelite knobs used on many models of Delco and GM auto radios. 3/8" diameter, 1 1/4" high overall. Set screw. Fits 1/4" shaft.

K9846—**Each** **4¢**
10 For **33¢**

Molded Auto Knobs

For 1/4" or 3/8" shafts.

No. K9834	Color Black	No. K9839
K9835	Brown	K9840
K9836	Wheat	K9841
K9837	Pearl Grey	K9842
K9838	Chromium	K9843

Your Cost Each, **12¢**
Any Type **12¢**

Auto Aerial Specials!



Cowl and Hinge type car aerials, with construction features only found in the more expensive makes. Molded plastic insulators; all brass tubing, triple chromium plated; static-reducer ball tips; double-section telescoping features, and 36" weatherproof lead-in with plug connector on each. Each measures 29" when collapsed, 50" when fully extended. The price quoted for these fine car antennas is sensationally low, and we urge you to order now.

K21846—**Hinge Type.** Has novel knurled screw collar which fits under head of hinge bolt. Minimizes rattle and sway. Shpg. wt. 3 lbs. **Your Cost Each** **69¢**
K21847—**Cowl Type.** With two plastic insulators incorporating large rubber washers to eliminate rattle and vibration. Shpg. wt. 3 lbs. **Your Cost Each** **69¢**



Exact Replacement

PHILCO VIBRATORS



Models listed below fit all Philco auto sets, up to and including 1939 models.

K14632—Size: 2 1/4" x 3 1/4". For models: 5, 6, 7, 8, 9, 10, 10 (122), 11, 11 (122), B, C, D, D (122), E, G, G (122), H, H (122), J, N, Q, R, A-PAB, B-PBD, CGD EF, EG, J-NJD, Q-NQD, Q-SQD, R-HRD, C (121)—NCD, C (122) NCD, D (122)—NDD, H (121) HHD, H (122) HHD, H (122) PHD, [38-5036]. **K14634**—Size: 1 1/4" x 3 1/4". For models: DP, DPV, 810PA, 810PB, 810PV, 811PA, 811PV (Police). **K14636**—Size: 2 x 3 1/4". For models: 817, 817B, 817C, 817P, 818, 818K, 819, 819H, 826, 827, 827K, 828, 828K, 926, 927, 928K [41-3170]. **K14637**—Size: 1 1/2" x 3 1/4". For models: 920 [41-3398], 921, 922, and including 1939 models. **Your Cost Each,** **92¢**
Any Above Types **90¢**
Lots of 6, Each **90¢**

★★ SPECIAL VALUE 4-PRONG ★★

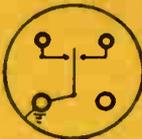


NON-SYNCHRONOUS VIBRATOR

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

K14635—**Your Cost, Each, Special** **92¢**
Lots of 6, Each **90¢**

The above unit fits: ARVIN 13, 19, 28, 33, 38, 39; CHEVROLET 985100, 985200; CLARION AR100; MOTOROLA 34, 50, 60, 80, 90; RCA M109, 67M; ZENITH 666, 668, 6M91D, 7M91D and many other automobile radios in use today.



SHIELDED CABLES, PLUGS AND SOCKETS AT BARGAIN PRICES!



"A"—5-prong bakelite socket for use with cable and plug listed below (B). **10 For** **25¢**
K16085—**Your Cost Each** **3¢**
"B"—23" shielded 2 wire cable with 3-prong shielded plug attached. Wires color coded. **10 For** **59¢**
K16086—**Your Cost Each** **7¢**
"C"—4-prong bakelite and metal socket for use with cable and plug (D). **10 For** **35¢**
K16087—**Your Cost Each** **4¢**
"D"—30" shielded 2 wire cable and shielded 4-prong plug. Wires color coded. **10 For** **69¢**
K16088—**Your Cost Each** **8¢**

All-Wave Aerial Kits. Closeout!!



All are noise-reducing doublet type, made by an outstanding manufacturer. Kits with couplers are Licensed under **Amy, Acves and King** patents. Each kit is complete, as specified.

K16455—Contains: 2-30 ft. coils No. 14 solid enamelled wire; insulators; ground wire; 60 ft. transmission line; hardware, instructions, etc. Shpg. wt. 4 lbs. **Your Cost** **69¢**
K16456—Contains: 2-15 ft. 7/24 stranded enamelled wire; 60 ft. transmission line; ground wire; 1 high-response set coupler; insulators; 1 lightning arrester; hardware, etc. Shpg. wt. 4 lbs. **Your Cost** **99¢**
K16457—Contains: 2 coils 30 ft. No. 14 solid enamelled wire; 1 iron-core upper coupler; 60 ft. transmission line; all insulators; 1 doublet lightning arrester; 1 hi-impedance lower coupler, etc.; plus hardware, instructions. Shpg. wt. 5 lbs. **Your Cost** **\$1.49**

BARGAINS In Auto Speakers



All good replacement sizes, with fields designed to operate in auto radio receivers. Each has enclosed voice coils, making them dust-proof and grit-proof. Excellent design and tone quality. Each less output transformer. Each has 4 ohm field.

K19163—5" diam. **Your Cost Each** **69¢**
K19164—6 1/2" diam. **Your Cost Each** **88¢**
K19276—8" diam. **Your Cost Each** **98¢**

Streamline Turret-Top Auto Aerial



A really attractive antenna arrangement, designed to give maximum signal pickup on turret-top cars. Has an adjustable or removable second-section which permits its application to coupes as well as all sedans. Can also be used on fabric top cars with equal efficiency. Made of triple-chrome plated brass tubing 1/2" in dia. Supplied with all insulators, hardware, shielded loss lead-in with plug-connector, rubber cement, and full instructions.

K21829—Wt. 3 lbs. **Your Cost** **\$1.49**

Television & H. F. Transmission Cable



An unusually fine grade of transmission cable at ridiculously low prices. Two conductors of No. 16 tinned stranded copper, with a live latex insulation. Twisted pairs are covered with an outer covering of tough rubber. Weatherproof. Shpg. wt. approx. 9 lbs. per 100 ft.

Stock No.	Length	Your Cost
K20941	25 ft.	\$0.49
K20942	50 ft.	.90
K20943	100 ft.	1.75
K20944	150 ft.	2.50

RCA Receiver Coupling X'former



Now for the first time you can obtain these famous transformers individually without buying the complete kit. They match the impedance of the standard transmission line used

with doublet antennas to the input impedance of the average receiver and increase efficiency. **K17077**—**Your Cost** **29¢**

RCA Antenna Coupler



Designed to match doublet antennas to the average transmission line. Equipped with a separate ground connection to reduce interference. Unit completely sealed against moisture with

a special high temperature resisting sealing compound. Equipped with hanger at top. **K17075**—**Your Cost Special** **33¢**

All-Purpose SERVICE KITS

10 Candohm Units



Standard equipment in many of the present day receivers. Shielded resistors; fibre insulation; wire wound. Mounting flanges on each unit. Ten popular sizes.
K3851—
Kit of 10 24¢

15 Bias Resistors



Fifteen assorted wire wound resistors designed for biasing tubes, tapped filament resistors, etc. Shpg. wt. 2 lbs.
K3850—
Kit of 15 19¢

10 DIAL SCALES



Contains 10 dial scales, including: fan type, drum type, etc. Several "all-wave" dial scales supplied. Scales are all sizes and colors—all are usable.
K3801—
Your Cost 9¢

R.M.A. Color Coded Carbon Resistors



Specify stock number of type and resistance desired.			
Ohms	Ohms	Ohms	Ohms
100	3000	30000	250000
150	5000	35000	300000
200	6000	50000	400000
250	7500	60000	500000
500	10000	70000	750000
600	12000	75000	1 Meg.
750	12500	80000	1 1/2 Meg.
900	13000	90000	2 Meg.
1000	15000	100000	2 1/2 Meg.
1500	17500	125000	3 Meg.
2000	20000	150000	5 Meg.
2500	25000	200000	

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

100 Metal Tab Mica By-Pass Condensers



Compact metal-cased mica bypass condensers. Low capacities—.0001 and up. Unmarked, but offered at a ridiculously low price. Assorted sizes in Kit of 100. Shpg. wt. 4 lbs.
K665—Your Cost for
100 15¢

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

All RMA color-coded—just what the serviceman needs. These resistors are used every day in the course of repair work. Kit contains approximately the following: 25—1/2 watt, 25—1/4 watt and 50—1 watt resistors. All popular replacement values. Shpg. wt. 2 lbs.
K3852—
Kit of 100 \$1.15



50 ASSORTED RESISTORS
 Similar to above kit, 50 resistors. Ccmprises 40—1/4 and 1/2 watt, 10—1 watt, resistors all color-coded. **K3859—**
Your Cost, Kit of 50 52¢

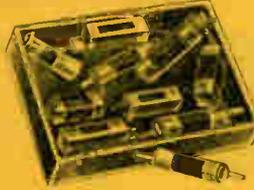
25 ASSORTED RESISTORS
 Twenty-five assorted 1/4, 1/2 and 1 watt resistors. All coded. Shpg. wt. 1 lb.
K3867—Kit of 25
Your Cost 29¢

25 TUBULAR BY-PASS CONDENSERS



Contains 25 popular tubular by-pass condensers, are of standard capacity and working voltage. Capacities range from .0025 to 1 mfd. Shpg. wt. 2 lbs.
K3360—
Your Cost, Kit of 25 55¢

KIT OF 10 POPULAR SIZE ELECTROLYTICS



Ten dry electrolytic units. Included are carton, tubular and aluminum can types, etc. Single and multiple section electrolytics in each kit. By-pass and filter (550 volts peak) types. Shpg. wt. 3 lbs.
K3868—
Your Cost 88¢

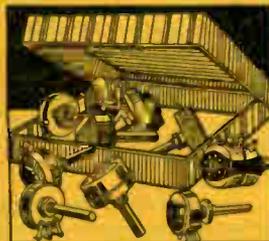
10 POPULAR VOLTAGE DIVIDERS



A kit of 10 selected voltage dividers made up of vitreous enameled and open wire wound types with wattage ratings from 20 to 75 watts. Resistors of this type are always handy around the shop since they can be used for power work. Shpg. wt. 4 lbs.
K3853—
Kit of Ten 39¢

ASSORTMENT OF 10 VOLUME CONTROLS

Contains 10 assorted volume controls, each new and usable. All of standard manufacture, and designed for standard radio circuits such as: C bias, antenna shunt, tone control, etc. Several types with switch included. Shpg. wt. 3 lbs.
K6354—
Kit of Ten 79¢



25 Mica Condensers



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

50 2-Watt Resistors



Kit of 50 selected 2 watt resistors in assorted sizes and all RMA color-coded. All perfect—new merchandise in popular sizes. A worthwhile investment for the Serviceman and Experimenter.
K3846—
Your Cost
Per Kit 88¢

10 RADIO KNOBS



Ten assorted Bakelite radio knobs, including types with set screws and springs.
K9662—
Kit of 10 15¢

10 R.F. CHOKES



Contains 10 assorted wood core r.f. chokes with inductances ranging from 2 to 16 millihenrys. All types have leads—brand new. Wt. 2 lbs.
K10110—
Your Cost, Kit of 10 25¢

25 Bakelite and Fibre Insulators



Envelope of 25 assorted pieces of fibre and bakelite in all shapes and sizes. Includes insulators, socket locators, washers, terminal strips.
K15266—
Your Cost, Envelope of 25 6¢

Tubular Cartridge Paper By-Pass Units

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



Stock No.	Cap. Mfd.	Wlg. Volts	Your Cost
K3507	.01	400	\$0.03
K3508	.05	400	.04
K3509	.1	400	.04
K3510	.25	400	.07
K3511	.5	400	.16
K3526	1.0	400	.15
K3512	.001	600	
K3513	.002	600	
K3514	.005	600	3¢
K3515	.006	600	
K3516	.01	600	4¢
K3517	.02	600	
K3518	.05	600	
K3519	.1	600	.05
K3524	.25	600	.09
K3525	.5	600	.13

A Special Offer Kit of 20 Wafer Sockets



Contains 20 assorted wafer sockets, all standard m't'g. centers ranging from 1 1/4 to 1 1/2". Include 4, 5, 6, 7, and octals.
 Shpg. wt. 1 lb.
K13111—Your Cost 25¢

BUY NOW - - QUANTITIES LIMITED

BARGAINS!

QUANTITY LIMITED

Escutcheon Plate



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

K9612—Your Cost Each..... 5¢
10 For..... 39¢

Brown Bar Knobs



Highly polished mottled brown Bakelite bar knobs, steel set screw type. For 1/2" shafts.

K13038—2 1/4" long, 1/2" skirt, 1 1/2" radius. Your Cost Each..... 4¢
10 For..... 35¢

Molded Bakelite Knob



Neat in appearance. All Bakelite molded. Excellent for small sets; has small pointer or indicator. Used on Spring Type.

K9587—Black. 1" top, 3/8" H., 1/2" neck. Your Cost Each Above..... 1¢
K9588—Same, but Green color.
K9589—Same, but Walnut and has 1/2" neck, 1" high. Your Cost, Each Above..... 1¢
50 For..... 39¢

Bakelite Knobs



Molded bakelite knobs. Push-on spring type. For 1/2" shafts.

K9615—Brown 3/8" diameter. Your Cost Each..... 2¢
K9624—Black. 1" diameter. Either Type, Each..... 15¢
10 For..... 15¢

4-Station Push-Button Assembly



Mechanical arrangement for quickly selecting any one of four most desired stations, by simply pushing down on a button. For use with any TRF receiver; couples to tuning condenser and rotates variable to necessary position for each station. Setting of station buttons accomplished from front panel. Absolutely foolproof and troublefree. With attractive gold-finished escutcheon, sheet of station call letters. Dim.: 4 1/2" H., 3 3/4" D., 2 3/4" wide.

K9752—Shpg. wt. 4 lbs. Your Cost..... 49¢

Oscillator Coil for "Wireless" Record Players

Specially wound for use in "wireless" record players. Tunes to 850 kc. with 400 mmfd. condenser; 1300 kc. with 70 mmfd. Impregnated winding.

K10093—Your Cost Each..... 4¢
10 For..... 33¢

Isolantite Insulators

Non-hygroscopic 1/4" thick isolantite. Highly useful. Round forms 1 1/2" diameter. Squares are 2x1 1/2".

K17114—Round. Your Cost Each..... 6¢
K17115—Square. 10 of Either Type..... 6¢

Modern Wood Knobs



Handsome wood knobs, walnut color with high lustre finish. All have markings, as indicated; lettering in gold. All Spring Type for 1/2" shafts.

Stock No.	Dia.	Ht.	Markings	Each
K10209	1 1/2"	1 1/2"	Band Switch (with 3 dots)	6¢
K10210	1 1/2"	1 1/2"	Band Switch (with 5 dots)	5¢
K10213	1 1/2"	1 1/2"	Tone Control; Set On-Off	4¢
K10214	1 1/2"	1 1/2"	Volume Control	
K10215	1 1/2"	1 1/2"	Tuning	
K10216	1 1/2"	1 1/2"	Band Switch; SW—Broad	
K10217	1 1/2"	1 1/2"	Volume Control; Set On-Off	
K10218	1 1/2"	1 1/2"	Tone Control; Voice-Music	
K10219	1 1/2"	1 1/2"	Band Switch; SW-BO	

Firm-Grip Receiver Knobs

Highly polished Walnut finished wood knobs. Spring type. Rounded top; ridged side, as illustrated.

K10225—1 1/2" dia.; 1 1/2" H. Each..... 5¢
K10226—1 1/2" dia.; 1 1/2" H. Each..... 3¢
K10227—1" dia.; 1 1/2" H. Each..... 3¢

FRACTIONAL HORSEPOWER A.C. MOTOR



Sturdy, clean-cut midget motor that is useful for hundreds of applications. Toy model trains, small oil or water pumps, small fans, agitators for film developing tanks, etc., are some of its applications. For intermittent use. Specifications are: shaded pole type; .002 horse-power; 3,000 RPM; operates from any 115-125 volts; 60 cycles A.C. Bronze bearings, with felt oil retainers; impregnated coil winding; brass mounting blocks, drilled and tapped for flush mounting. Shaft 3/8" diameter, 1 1/4" long. Overall dimensions: 2 3/8" H. x 2 1/2" W. x 1 1/8" deep. Shpg. wt. 3 lbs.

K14701—Your Cost Each..... 79¢

AS MUCH AS **79% OFF**
RCA Licensed
AUBURN
RADIO TUBES
3 months Guarantee!

Think of getting brand new tubes carrying a 6 months guarantee at less than the cost of factory "seconds!" Each and every one of these tubes is meter tested and guaranteed against all defects (except burn-outs and broken glass) for a period of six months! First grade in every respect they are licensed under RCA patents. All new dome shaped types and carefully packed in shock-proof cartons attractively printed in two colors. A swell buy for every serviceman—stock up now—prices may never again be so low!

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
6A7	\$1.25	29¢	45	\$1.00	23¢
6C6	1.00	26¢	47	1.25	33¢
6D6	1.00	26¢	75	1.00	26¢
25Z5	1.25	26¢	78	1.25	28¢
24A	1.25	29¢	80	.80	21¢
26	.80	22¢	6A8G	1.25	28¢
27	.80	22¢	6F6G	1.25	27¢
30	1.00	26¢	6K7G	1.25	27¢
42	1.00	27¢	6F6	1.25	37¢
43	1.25	33¢			

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

Potentiometers



60 ohm
A sturdy metal frame potentiometer having a resistance of 60 ohms. 1/4" shaft extends 1 1/2" beyond bushing.

K8325—Your Cost Each..... 9¢
10 ohm Humbucker
Accurately wound 10 ohm potentiometer usually used as humbucker across filament windings on transformer. Screw-driver—slotted shaft.

K8326—Your Cost Each..... 7¢

20 ohm Humbucker
Same as above but 20 ohms resistance. Potentiometer type.

K8327—Your Cost Each..... 7¢

Plug-in Coil Kit



4 Coils. 16-217 Meters
This is a swell buy for short-wave listeners and constructors who own or want to construct a plug-in coil receiver. Coils are wound on genuine bakelite forms, to cover from 16 to 217 meters with slight overlap on each band. Windings are of high efficiency solenoid type. Kit consists of 4 coils, each with standard 5 prong base. Form measures 3" H., x 1 1/2" dia. Shpg. wt., Complete Kit, 2 lbs.

K10023—Your Cost..... 59¢

Molded Bakelite

5 Prong Socket

A swell buy in an all-molded bakelite socket. Five sturdy plated prongs. Ears for mounting have holes with centers 1 1/2" apart. Standard 1 3/8" diam. 1 1/2" deep.

K13110—Your Cost Each..... 3¢
10 For..... 25¢

Band-Changing Switches



All brand new ganged band-changing switches, designed for multi-wave sets. Kit of 5 assorted types, all with plated contacts and Bakelite insulation. Shpg. wt. 3 lbs.

K12967—Kit of 5 Switches Your Cost..... 35¢

4-Pole D.T. & S.P.D.T.



Silvered, self-cleaning contacts. Rear unit has one d.p.d.t. and one s.p.s.t. member; front deck is d.p.d.t. Aluminum shield between sections. Shaft is 1/2" dia., 2 1/2" long.

K12962—10 For 75¢ Your Cost Each..... 9¢

4-Pole D.T. With Shorting Contact

Same as above, but has one additional pole which shorts or grounds 1 section. 10 For 59¢

K12874—Your Cost Each..... 7¢

4-Pole D.T. with 2 Shorting Contacts

Same as described above, but has two shorting or grounding poles for contacting 2 sections.

K12875—10 For 69¢ Each..... 8¢

2-Pole D.T. and 2-Pole S.T.

For small 2-band receivers. Includes a grounding contact which grounds one contact of one section.

K12876—Your Cost Each..... 7¢

S.P.D.T. Switch

Compact SPDT switch with self-cleaning wiping contacts. Slotted shaft for screw-driver adjustment. Bakelite insulation.

K12840—Your Cost Each..... 6¢
10 For..... 45¢

JONES Jack and Switch Panel Switch

Push button type. Single 3/8" hole mounting. Bakelite insulation with binding post terminals.

K12859—10 For 25¢ Each..... 3¢

Single Filament Panel Control Jack

Well insulated. 3/8" hole mounting. Binding post terminals. Nickel plated brass hardware.

K12857—10 For 25¢ Each..... 3¢

PRICE SLASHED ON FAMOUS *General Electric* FLOOR CONDITIONER

- ★ Cleans: Linoleum, Wood, Rubber Tile, Terazzo, Etc.
- ★ Excellent for Homes, Offices, Night Clubs and Resorts, Stores, Etc.—Wherever There Are Hardwood Floors.
- ★ Easier to Use Than an Ordinary Home-type Vacuum Cleaner; Takes the Drudgery Out of Floor Conditioning.
- ★ Furnished Complete With 2 Sets Brushes and 2 Polishing Pads. All Accessories Are Easy to Attach.



Made by General Electric, the world's leading manufacturers of electrical appliances for the home and office, this electric floor conditioning machine is one of the finest ever designed for cleaning, waxing and polishing all types of flooring. It takes all the drudgery out of keeping your uncarpeted floors in perfect condition. With it, you can keep your floors spotless and polished to a high gloss with no more effort than it takes to clean your rugs with a vacuum cleaner. In fact, it is simpler to use, since there are no messy bags to clean, or dirt to dispose of, and it is so light that anyone can use it.

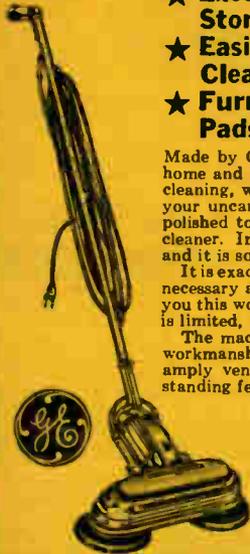
It is exactly the same machine that Listed originally at \$49.95,—and comes complete with the necessary attachments. And now, because of our tremendous purchasing power, we can offer you this wonderful opportunity to own this machine at a sensationally low price! The quantity is limited, however, so send in your order today and avoid disappointment.

The machine is beautifully constructed throughout of high-quality materials and precision workmanship. Die-cast aluminum housings, steel gears, a powerful long-life motor that is amply ventilated, a correctly proportioned handle,—these are just a few of the many outstanding features of this excellent machine. Every care has been taken in its design to assure the finest possible performance and maximum life. It will give you many years of faithful untroubled service. It comes to you complete with two sets (8) of polishing brushes (coarse and fine) and two polishing pads. Equipped with ample length of approved rubber covered cord and attachment plug. Operates from any standard 110 volt light circuit, D.C. or 50-60 cycles A.C. Used in most business establishments, summer resorts, dentists' and doctors' offices, and by all modern housewives. Approved by Good Housekeeping Institute, of Good Housekeeping Magazine.



17⁵⁰

K25457—Shpg. wt. 20 lbs. Original List Price \$49.95
Your Cost, Special, While They Last



Inverted Wet Electrolytics



Round aluminum cans, with lug terminals. Can is negative on all types. All equipped with nuts for mounting. Ideal for filtering, due to self-healing characteristics. Approximate size, types listed immediately below: 4 1/2" high, 1 1/2" diameter. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	No. K713	Mfd. Volts	Each
K709	30	125	8c	K2700	8	450
K710	16	320	12c	K2701	16	450
K712	8	376	10c	K925	40	250

14^c

BLUE • SPOT Midget Dry Electrolytics



Diminutive electrolytics in all standard capacities and working voltages. In tubulars (3/8" dia.), with pigtail leads, or compact cartons 2 1/2" long.

Stock No.	Leath. Mfd.	Each
K948	1 1/2"	8
K949	2 1/2"	16
K950	2 1/2"	20

Compact Cartons		Each
200 V. 2 1/2" L. x 1 1/8" Sq.	K957	8 Mfd. 14c
	K958	12 Mfd. 17c
	K959	16 Mfd. 20c
	K960	20 Mfd. 22c
	K961	4-4 Mfd. 18c
	K962	8-8 Mfd. 20c
	K963	16-8 Mfd. 24c
	K964	16-16 Mfd. 26c
550 V. 2 1/2" L. x 7/8" Sq.	K965	4 Mfd. 14c
	K966	8 Mfd. 16c
35 V. 2 1/2" L. x 1 1/8" Sq.	K967	5 Mfd. 11c
	K968	10 Mfd. 14c
	K969	25 Mfd. 16c
	K970	50 Mfd. 22c
	K971	5-5 Mfd. 16c
	K972	10-10 Mfd. 19c

Tubular Can Dry Electrolytics

Compact tubular can-type dry electrolytics, in metal and cardboard cases, as specified.

K940—8-8-10 mfd. at 475-475-50 V. Metal can is negative, as is also black lead; red and blue leads are 8 mfd. ea. Green lead is 10 mfd. Dim.: 5 1/2" x 1 1/8" dia. 10 For \$1.85. **21^c**

K939—8-10 mfd. at 475-50 V. Metal can and black lead are negative; Blue is 8 mfd.; Green is 10 mfd. Dim.: 3 1/2" x 1 1/8" dia. **Your Cost Each 19^c**

K937—Mtg. Ring Clamp for above. **Each 3c**
K943—8-8-4-2 mfd. all at 200 V. Metal can, with coded leads. 5 1/2" x 1 1/8" dia. **Your Cost Each 18^c**

K977—16-12 mfd. at 150 V. Cardboard can with coded leads. Dim.: 4 x 1 1/8" dia. **Your Cost Each 14^c**

K944—16-16 mfd. at 150 V. Cardboard, with coded leads. Dim.: 3 x 1 1/8" dia. **Your Cost Each 19^c**

K994—20-12 mfd. at 150 V. Cardboard can with coded leads. Dim.: 2 3/8" x 1" dia. **Your Cost Each 18^c**

K995—8-8-8 mfd. at 25 V. Cardboard, with coded leads. 2 3/8" x 3/8" dia. **Your Cost Each 12^c**

K996—20-8 mfd. at 150 V. Cardboard, with coded lead. Dim.: 3 1/4" x 1" dia. **Your Cost Each 16^c**

Push-Pull Input Transformer



Popular replacement part. Push-pull input transformer, ratio 3:1. Built with high grade core material; high voltage insulation. Leads for connections. 3x2 1/2" x 2 1/2". An excellent buy that we may never again be able to repeat, so stock up now. Shpg. wt. 2 lbs. **K1843—Your Cost Each 45^c**

Drastically Reduced!! Power Transformers

Fully shielded-high quality transformers, at giveaway prices. Each are for 110-120 volt, 60 cycles A.C. Each mount by 4 screws, as illust., except K1414 which has 2 screw mtg. **K1400**—Secondaries: 250-0-250 V. at 40 ma.; 5 V. at 2 amps.; 6.3 V. at 1.6 amps. Size: 2 1/2" x 3 x 2 1/4". Mtg. Hole: 1 1/4" x 2 1/4". Shpg. wt. 3 lbs. **Your Cost Each 54^c**

K1414—Secondaries: 300-0-300 V. at 60 ma.; 6.3 V. at 2 amps.; 5 V. at 2 amps. Dim.: 3 x 2 1/2" x 3". Requires 2x2 1/4" cutout. Shpg. wt. 3 lbs. **Your Cost Each 59^c**

K1401—Secondaries: 325-0-325 V. at 50 ma.; 6.3 V. at 2.15 amps.; 5 V. at 4 amps. Dim.: 2 1/2" x 3 x 2 1/4". Mtg. hole: 1 1/4" x 2 1/4". Shpg. wt. 4 lbs. **Your Cost Each 69^c**

K1402—Secondaries: 350-0-350 V. at 125 ma.; 6.3 V. at 5.4 amps.; 5 V. at 4 amps. Dim.: 3 1/4" x 3 1/4" x 4". Mtg. hole: 2 1/2" x 2 3/4". Shpg. wt. 8 lbs. **Your Cost Each \$1.55**

Cardboard Cased Electrolytics

All high-grade dry electrolytic blocks, excellent for replacement or repair work. In cardboard containers, with 2 flanges, except K672 which has single flange.



K922—4-10-10 mfd. 350-25-25 volts. Dim.: 2 1/2" x 1 x 1 1/4". Mtg. centers 3". Coded leads. **Your Cost Each 7c**

K923—4-3 mfd. at 450-150 volts. Dim.: 2 1/2" x 1 1/4" x 1 1/4". Mtg. centers 3". Coded leads. **Your Cost Each 9c**

K672—8 mfd. at 380 V.; 8 mfd. at 280 V.; 5-5 mfd. at 40 V. Size: 4 1/2" x 1 1/2" x 1 1/4". Coded Leads. **Your Cost Each 74c**

K714—3-3-10 mfd. at 450-150-25 volts. Dim.: 2 1/2" x 1 1/2" x 1 1/4". Mtg. centers 3". Coded leads. **Your Cost Each 8c**

K3201—8-8 mfd. at 450-450 V. 4 leads; separate sections. Dim.: 3 x 1 1/4" x 1 1/4". Mtg. centers 3 1/4" to 3 3/4". **Each 33c**

K3200—8 mfd. at 450 V., 550 V. peak. Dim.: 3 x 1 1/4" x 1 1/4". Mtg. centers 3 3/4". **Your Cost Each 14c**

K3202—16-8-5-5 mfd. at 200-200-35-35 V. Dim.: 3 x 1 1/4" x 1 1/4". Mtg. centers 3 1/4" to 3 3/4". Coded leads. **Your Cost Each 34c**

K3204—16-16-8-5-5 mfd. at 200-200-200-35-35 V. Dim.: 3 x 1 1/4" x 1 1/4". Mtg. centers 3 1/4" to 3 3/4". Coded leads. **Each 39c**

We Will Not Knowingly Be Undersold



BARGAINS!

QUANTITY LIMITED



Sound Effects Kit



Contains a variety of authentic sound effect devices, for reproducing the thrilling illusions heard on all big network programs. Distant thunder, patter of rain, clapping of horse's hoofs, police sirens, gun fights, roaring of a lion, Radio Network Chimes, locomotive whistle, and many others can be reproduced. Will amuse and entertain both children and grown-ups. With book of instructions, in box 12 1/2 x 10 1/4 x 2 1/2". Shpg. wt. 5 lbs. **K125458—Your Cost... \$2.10**

HOME MIKES



Studio Model
A real mike for home broadcasting. Easily attached to any radio. Has sliding switch. Will provide much amusement and pleasure. **K13380—Your Cost... 85°**

Jr. Model
Similar to the studio model, but in a differently designed case and with a push-button instead of a sliding switch. Lowest priced mike that really works. Easily attached to any radio. **K13379—Your Cost... 54°**



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... \$1.18**

PHILMORE Hand Microphone

A real hand microphone. Works with any set using a loud-speaker. Does not interfere with reception. Switch on handle permits reception or use of mike at will. Finished in chrome plate and black lacquer. **K13831—Your Cost... 98°**



ICA Mike Booster

For connection between any single-button carbon mike and radio set. Increases sensitivity and limits button current to a safe value. Has mtg. brackets, and insulated binding posts for connection. With instructions. **K13392—Your Cost... 59°**



Dynamic Speaker Specials

6", 8" and 12" Models

All Brand New and Late Models, at Prices Way Down. Ideal for Replacement.

- K19131—6" Dynamic. 1800 ohm Field. **Your Cost Each**
- K19130—6" Dynamic. 2500 ohm Field. **Less output Your Cost Any of Above 98° Ea.**
- K19124—6" Dynamic. 2500 ohm Field. Output x'f'mr. for single 47, 6F6, etc. **Your Cost \$1.35**



8" DYNAMICS

- K19203—450 ohm Field. With 2500 ohm output x'f'mr. for matching single 6L6, 6A3, 2A3, etc. Wt. 8 lbs. **Your Cost Each 95°**
- K19204—1000 ohm Field. With 7000 ohm output x'f'mr. for single 47, 42, 6F6, etc. Wt. 8 lbs. **Your Cost Each \$1.10**
- K19211—1250 ohm Field. 7000 ohm output x'f'mr. for 42, 47, 6F6, etc. Wt. 8 lbs. **Your Cost Each \$1.25**
- K19205—1800 ohm Field. With 7000 ohm output x'f'mr. for single 2A5, 42, 6F6, etc. Wt. 8 lbs. **Your Cost Each, Either of Above \$1.25**

12" DYNAMICS

- K19255—600 ohm Field. With 2700 ohm output x'f'mr. for single 6L6, 45, etc. Includes pot cover. Wt. 11 lbs. **Your Cost \$1.05**
- K19254—900 ohm Field. 6000 ohm output x'f'mr., matches 6F6, etc. Wt. 8 lbs. **Your Cost Each \$2.15**

Improved Magnetic Speakers

New, Improved Magnetic Speakers, with greater power and better tone. Ideal for portables, battery sets, extension speakers and monitoring. Each are high-impedance (values given below at 400 cycles). Sturdily constructed, with large powerful magnets.

- K19137—6 Inch. 18,000 ohms. Wt. 4 lbs. **Your Cost Each 88°**
- K19136—8 Inch. 16,500 ohms. Wt. 4 lbs. **Your Cost Each 99°**



ACU-RULE Precision Slide-Rules



With Magnifier
Mannheim type Rule, with six scales for quick mathematical computations. Made of new, hard, kiln-dried wood, finished with clear lacquer. Indicator (Cursor) made of Lucite, with auxiliary removable magnifier for precision calculations. Inch scale on one edge, millimeter scale on other. Sine, log and tangent scales on back of rule. With individual carrying case. **K14920—Your Cost Each 79°**



Standard Type
Mannheim type Rule, with six scales; made of special hard, kiln-dried wood, finished with clear lacquer. Indicator (Cursor) made of Lucite. Has inch scale on one edge, and millimeter scale on other edge. Excellent for students, salesmen, shop workers, etc. With instructions for calculation of simple and algebraic problems, and individual carrying case. **K14919—Your Cost Each 45°**

No. 16 Stranded Live-Rubber Covered Wire

Real live rubber covered No. 16 stranded wire. Heavy 1/4" wall makes it ideal for transmitter wiring, lead-in purposes, high-voltage amplifiers or power supplies, or wherever a fine flexible heavy conductor is necessary. Slate color. Wt. 5 lbs. per 50 ft. **K16177—50 Ft. roll 30°**
Your Cost \$1.30
250 Ft. spool \$1.30



All Rubber Cable



Flexible rubber cord, especially suitable for extension lights, appliances, extension cords for amplifiers, etc. 2 conductor-18 gauge with closely woven reinforced braid under an outer wall of brown, live rubber. **K16165—25 ft. Wt. 2 lbs. 35°**
Your Cost \$2.44
250 Ft. spool Shpg. wt. 18 lbs. \$2.44

LACQUERED HOOKUP WIRE

Rubber insulated with lacquered braid overall. Used by most manufacturers in wiring commercial sets, transmitters, de-luxe amplifiers, etc. Insulated to withstand normal high voltages. Strands are tinned. Multi coat lacquered outer braid.

- K16344—100-ft. Coil. Shpg. wt. 1 lb. **28°**
- Special, Your Cost
- K16345—250-ft. Coil. Shpg. wt. 2 lbs. **67°**
- Special, Your Cost
- K16342—1000-ft. Spool. Shpg. wt. 7 lbs. **\$1.95**
- Special, Your Cost

Solid Rubber Covered No. 18 Lead-in Wire



Exceptional quality solid rubber covered lead-in wire at new low prices. Consists of #18 solid tinned copper conductor with 1/2" live rubber wall. Weather resisting. Shpg. wt. 3 lbs. **K16176—100 Ft. Coil 19°**
Your Cost \$1.70
10 Coils For \$1.70

Parallel Lamp Cord



For receiver lines, lamp extensions, electrical fixtures, etc. Size: No. 18 gauge, with 1/4" rubber insulation. An especially felted asbestos protective covering is used to cover the rubber insulation. Both conductors are covered with an overall braid of brown glazed cotton. **K16166—Per 100 Ft. SALE PRICE SPECIAL 52°**
Per 500 Ft. Spool \$2.45

Service Wire Bundles



FOR QUICK CLEAN WORK
Lengths range from 2" to 1 foot. Both ends tinned. Include, push-back, r-c hookup, lacquered cotton braid, etc. All standard. **K16049—1-lb. bundle. Ea. 15°**
K16048—2-lb. bundle 29°
Your Cost \$43c
K16047—3-lb. bundle \$43c
K16046—5-lb. bundle 70c

1000 Ft. Wire Ass'tment



Contains coils of Hook-up, Push-back, Lead-in, etc., wire with rubber, waxed and lacquered braid insulation. Coils seldom less than 50 ft. in length, all high quality wire. Shpg. wt. 12 lbs. **K16352—Your Cost, Special \$1.75**
500 Ft. Assortment
As above, but coils totaling 500 ft. Shpg. wt. 7 lbs. **K16353—Your Cost, Special 98°**

No. 8 Gauge Wire



Heavily insulated, weatherproof, moisture-proof No. 8 gauge wire for heavy duty wiring, use on service benches, battery chargers. **K16136—25-ft. Roll. 33°**
Your Cost \$1.95

No. 14 Leadin Wire



Weatherproofed braid. Solid No. 14 copper. 25 ft. per coil. LIMITED QUANTITY. **K16209—Your Cost 12°**
Per Coil \$1.95
Lots of 10, Per Coil \$1.95

No. 22 Stranded Push-Back



Stranded and tinned, this popular wire is priced ridiculously low. Insulation pushes back easily and cleanly. Ideal for set wiring, service work. **K16178—100 Ft. roll 17°**
Your Cost \$1.50
1000 Ft. Spool \$1.50

CORNELL DUBILIER



"EY" Wet Electrolytics



Have high scintillation point and are mechanically and electrically perfected units. Vented to allow generated gas to escape harmlessly, these self-heating units have remarkably long life and fine filtering efficiency. Possess a certain amount of self-regulating properties.

Stock No.	Cap. Mfd.	Size, Ins.	Your Cost
200 Peak Volts			
K1171	20	1 x 4 1/2	65c
K1172	40	1 1/2 x 4 1/2	73c
300 Peak Volts			
K1173	8	1 x 3 1/2	50c
K1174	16	1 x 3 1/2	62c
350 Peak Volts			
K1175	8	1 x 4 1/2	53c
K1176	18	1 1/2 x 4 1/2	73c
K1177	24	1 1/2 x 4 1/2	88c
K1178	30	1 1/2 x 4 1/2	94c
K1179	35	1 1/2 x 4 1/2	\$1.03
500 Peak Volts			
K1180	4	1 1/2 x 4 1/2	47c
K1181	8	1 1/2 x 4 1/2	56c
K1182	8	1 x 4 1/2	56c
K1183	8	1 x 3 1/2	56c
K1184	10	1 1/2 x 4 1/2	62c
K1185	12	1 1/2 x 4 1/2	68c
K1186	16	1 1/2 x 4 1/2	79c
K1187	18	1 1/2 x 4 1/2	88c
K1188	20	1 1/2 x 4 1/2	88c
K1189	24	1 1/2 x 4 1/2	97c
K1190	30	1 1/2 x 4 1/2	\$1.00
K1191	35	1 1/2 x 4 1/2	1.03
K1192	40	1 1/2 x 4 1/2	1.12
600 Peak Volts			
K1193	4	1 1/2 x 4 1/2	76c
K1194	8	1 1/2 x 4 1/2	88c
K1195	10	1 1/2 x 4 1/2	94c
K1196	16	1 1/2 x 4 1/2	\$1.18

"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.

Stock No.	Cap. Mfd.	Size, Ins.	Your Cost
250 Volts DC			
K1291	4	1 x 2 1/2	44c
K1292	8	1 x 2 1/2	56c
K1294	8-8	1 1/2 x 2 1/2	85c
450 Volts DC			
K1295	4	1 x 2 1/2	50c
K1296	8	1 x 2 1/2	62c
K1297	12	1 x 3	82c
K1298	16	1 1/2 x 3 1/2	91c
K1299	4-8	1 1/2 x 3 1/2	85c
K1300	8-8	1 1/2 x 3 1/2	94c
K1302	8-8	1 1/2 x 4	1.36

PE-CH & PE-B Paper Dielectric Capacitors



Paper condensers that simulate electrolytics. Have higher voltage breakdown than electrolytics—no polarity.

PE-CH 1100V. Test—450V. Wkg. No.	R-Mfd. A-Mfd.	Size	Each
K1281	4	2 4 1/2 x 1 1/2 x 1 1/2	53c
K1282	8	3 1/2 x 4 1/2 x 1 1/2	68c
K1283	8-8	2 1/2 x 2 1/2 x 4 1/2 x 1 1/2 x 1 1/2	1.12
PE-CH 1200V. Test—600V. Wkg. No.	R-Mfd. A-Mfd.	Size	Each
K1284	4	2 4 1/2 x 1 1/2 x 1 1/2	70c
K1285	8	3 1/2 x 4 1/2 x 1 1/2	94c
K1286	8-8	2 1/2 x 2 1/2 x 4 1/2 x 2 1/2 x 1 1/2	1.56
PE-B 1200V. Test—600V. Wkg. No.	R-Mfd. A-Mfd.	Size	Each
K1287	4	1 1/2 x 1 1/2 x 3 1/2	79c
K1288	8	2 1/2 x 1 1/2 x 3 1/2	1.03
K1289	8-8	1 1/2 x 1 1/2 x 4 1/2	1.65

R-Mfd = Value of electrolytic condenser to be replaced. A-Mfd = Actual capacity.

"BEAVER" Dry Electrolytics



Extremely small and very handy to use. Feature: **Electro-Chemical etching** that eliminates corrosion; **Hi-Formation Process** that affords higher voltage breakdown; **Hi-Pressure Centrifuge** that provides better impregnation and gives a lower power factor; **Hi-Purity Aluminum Foil** that makes for better direct current leakage recovery; **Special C-D Super-Purity Cellulose Separator** that gives extra long life; **Rigid chemical purity control** that assures uniform performance; **Double ageing** that provides more stable characteristics.

No.	Mfd.	Wkg.	Vlts.	In.	Each	No.	Mfd.	Wkg.	Vlts.	In.	Each
K1090	10	25	5 x 1 1/2	24c	K1109	20	250	3/4 x 1 1/2	47c		
K1091	20	25	3/4 x 1 1/2	27c	K1110	40	250	1/2 x 2 1/2	56c		
K1092	25	25	5 x 1 1/2	29c	K1111	4	450	3/4 x 1 1/2	35c		
K1093	50	25	3/4 x 1 1/2	35c	K1112	8	450	3/4 x 2	35c		
K1094	5	50	5 x 1 1/2	24c	K1113	12	450	1/2 x 2	44c		
K1095	10	50	3/4 x 1 1/2	27c	K1114	16	450	3/4 x 2 1/2	53c		
K1096	20	50	5 x 1 1/2	29c	K1115	20	450	1 x 2 1/2	59c		
K1097	25	50	3/4 x 1 1/2	32c	K1116	8	500	1 x 1 1/2	50c		
K1098	50	50	5 x 1 1/2	41c	K1117	16	500	1 x 2 1/2	76c		
K1099	4	150	3/4 x 1 1/2	24c	K1118	5-5	25	3/4 x 1 1/2	35c		
K1100	8	150	3/4 x 1 1/2	27c	K1119	10-10	25	3/4 x 1 1/2	41c		
K1101	12	150	5 x 1 1/2	29c	K1120	5-5	50	3/4 x 1 1/2	44c		
K1102	16	150	3/4 x 1 1/2	32c	K1121	10-10	50	5 x 2 1/2	50c		
K1103	20	150	5 x 1 1/2	35c	K1122	8-8	150	1 x 2 1/2	47c		
K1104	40	150	3/4 x 1 1/2	38c	K1123	8-16	150	1 1/2 x 2 1/2	50c		
K1105	4	250	3/4 x 1 1/2	27c	K1124	20-20	150	3/4 x 2 1/2	62c		
K1106	8	250	5 x 2	29c	K1125	8-16	250	3/4 x 2 1/2	62c		
K1107	12	250	3/4 x 2	38c	K1126	16-16	250	1 x 2 1/2	73c		
K1108	16	250	5 x 1 1/2	44c	K1127	8-8	450	1 x 2 1/2	62c		
					K1128	8-16	450	1 1/2 x 3 1/2	79c		



Type "UP" Dry Electrolytics

The type UP construction represents the smallest physical size of metallic cans into which any capacity and voltage combination can be supplied and single, dual, triple and quadruple capacity combinations are available. Seamless drawn aluminum cans are fitted with a molded bakelite terminal block. Terminals are lead coated steel lugs which are moulded right into the block. Block is gasket sealed into the can and fitted with a positive quick-act vent. Projected tongue mountings are provided for mounting cans directly to the chassis. Bakelite plates available for insulated mounting.

No.	Mfd.	Vlts.	In.	Each	No.	Mfd.	Vlts.	In.	Each
K1150	10	450	1 x 2	\$0.50	K1160	10-10/20	450-350/25	1 x 2	\$1.12
K1151	20	450	1 x 2	.73	K1161	10-10/20	350/25	1 x 2	1.12
K1152	40	450	1 x 2	1.18	K1162	15-30	150	1 x 2	.71
K1153	20-20	150	1 x 2	.70	K1163	10-30-30	150	1 x 3	1.06
K1154	30-30	150	1 x 2	.79	K1164	30	250	1 x 2	.68
K1155	20-20	250	1 x 2	1.06	K1165	10-20/30	250/350	1 x 3	1.56
K1156	10-10	450	1 x 2	.76	K1166	10-10/20	450/25	1 x 3	1.12
K1157	20-20-20	150	1 x 2	1.06	K1167	10-20/20	450/25	1 x 3	1.36
K1158	30-20-20	150/25	1 x 2	.97	K1168	10-15-15	250	1 x 2	1.26
K1159	15-15/20	250/25	1 x 2	1.18	K1169	15-15/10	450/300	1 x 3 1/2	3.36

K1170—Bakelite mounting plate for any of the above. Each 3c

CORNELL-DUBILIER Instruments



Capacitor Analyzer
For measuring all important characteristics of condensers. Incorporates a "Wein" 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 .0001 to 240 mfd. Measures power factor, leakage, tests for shorts, etc. Uses 12A7 and 6BE5 tubes. In Walnut portable case, dim. 5 1/2 x 12 x 9 3/4". Shpg. wt. 11 lbs. **\$24.40**



Capacitor Bridge
Measures accurately and quickly all capacitors between .00001 and 50 mfd. Employs Wein 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. **\$9.70**



Capacitor Decades
Accurate standards covering a wide range of capacity in 3 units. For use with adjacent Capacity Bridge or similar precise unit. Capacity range .0001 steps. Calibration chart with each. Rating 600 V. DC-220 V. AC; Tolerance ±5%. Each in Walnut Bakelite case, dim.: 3 3/4 x 5 x 3". Ave. shpg. wt. 4 lbs. ea. **K21729—0.11 mfd. in .0001 steps. Your Cost, Each Above \$5.29**
K21731—10.0 mfd. in 1.0 mfd. steps. Your Cost \$9.41

"DT" Paper Tubulars

Halowax impregnated, multi-laminated Kraft tissue, Wax impregnated tube, wax-potted ends, oil-cooled. Conservative D.C. rating.

Stock No.	Cap. Mfd.	Your Cost	1600 V.D.C. Cap. Mfd. *Oil Impregnated Stock No.	Your Cost
K1221	.01	9c		
K1222	.015	9c		
K1223	.02	9c		
K1224	.025	9c		
K1225	.03	9c		
K1226	.04	9c		
K1227	.05	9c		
K1228	.06	12c		
K1229	.1	12c		
K1230	.2	15c		
K1231	.25	15c		
K1232	.5	21c		
K1233	1.0	29c		
600 V. DC				
K1234	9c	.0001		
K1235	9c	.00025		
K1236	9c	.0005		
K1237	9c	.001		
K1238	9c	.002		
K1239	9c	.003		
K1240	9c	.004		
K1241	9c	.005	K1262	21c
K1242	9c	.006		
		.007	K1264	21c
		.008		
K1245	9c	.01	K1266	21c
K1246	9c	.015		
K1247	9c	.02	K1268	21c
K1248	12c	.025		
K1249	12c	.03	K1269	21c
K1250	12c	.04	K1270	23c
K1251	12c	.05	K1271	26c
K1252	15c	.06		
		.075		
K1253	15c	.1		
K1254	21c	.2		
K1255	21c	.25	*Auto-Radio	
K1256	27c	.3	Vibrator Units	
K1257	29c	.5		

"JR" Electrolytics



HAND-MADE equipped with convenient metal mounting feet and long color-coded leads. Extremely compact—fit anywhere.

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
250 Volt DC			
K1303	4	2 1/2 x 1 x 1 1/2	38c
K1304	8	2 1/2 x 1 x 1 1/2	47c
K1305	10	2 1/2 x 1 x 1 1/2	56c
K1306	12	2 1/2 x 1 1/2 x 1 1/2	59c
K1307	16	2 1/2 x 1 1/2 x 1 1/2	65c
K1308	4-4	2 1/2 x 1 1/2 x 1 1/2	53c
K1309	8-8	2 1/2 x 1 1/2 x 1 1/2	76c
K1311	8-8	2 1/2 x 1 1/2 x 1 1/2	\$1.15
450 Volt DC			
K1312	2	2 1/2 x 1 1/2 x 1 1/2	38c
K1313	4	2 1/2 x 1 1/2 x 1 1/2	44c
K1314	8	2 1/2 x 1 1/2 x 1 1/2	56c
K1315	12	2 1/2 x 1 1/2 x 1 1/2	76c
K1316	16	2 1/2 x 1 1/2 x 1 1/2	85c
K1317	4-4	2 1/2 x 1 1/2 x 1 1/2	70c
K1318	8-8	2 1/2 x 1 1/2 x 1 1/2	88c
K1320	8-8	2 1/2 x 2 x 1 1/2	1.30

Type EH (Standard Size) 450 Volt DC

Stock No.	Cap. Mfd.	Your Cost
K1321	8	56c
K1322	8-8	88c

"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.

No.	Cap. Mfd.	Diam.	Each
K1323	8	1 1/2"	62c
K1324	16	1 1/2"	31c
K1325	8-8	1 1/2"	34c

SOUND & PHONO EQUIPMENT

EMBLEM Record Players



Complete With Amplifier & Speaker

New, modern record player; with advanced features that insure fine tonal quality, more-than-ample volume, and long-life usefulness. Employs rugged, self-starting motor, tangent-head crystal pickup and all-metal case construction which will not wear or dent as fabric covered wooden cases do. Motor is constant-speed type and self-lubricating, with turntable that permits playing both 10 and 12 inch records. Case has louvers for ventilation, and is finished in wrinkle gray with chromium trimming. The amplifier, within the case, employs only two tubes, to reduce power consumption, yet delivers more than ample sound power for the average home. A 5" PM Dynamic Speaker, is also housed within the case, which makes this record player complete in every essential. For operation from 110-120 V., 60 cycles A.C. only. Size: 7 1/2 x 12 x 5 1/2" high. Complete with tubes and instructions. Shpg. wt. 10 lbs.

K21863—Your Cost \$14.25

Record Player Only

Same as above, but less amplifier and speaker. For use with radio set, or separate amplifier and loudspeaker. Shpg. wt. 8 lbs.

K21864—Your Cost \$7.95

Handi-Way Record Rack



Holds 50 Records

An ingenious, attractive rack for storing and indexing records so that they are quickly accessible as well as safely stored. Each slot, which holds record, is numbered so that any individual record can be easily located. An index sheet is supplied, to facilitate this procedure. Holds 10, 12 and 15 inch records. Has sturdy, fine-finished wood base, with finger-tip openings on sides for lifting. Dim.: 9 1/2 x 12 1/4" Holds 50 Records.

K21894—Shpg. wt. 6 lbs. \$2.95

QUAM Permanic Mike



Uniquely different, yet carefully built dynamic microphone. Ideal for amateurs, PA and sound systems, inter-office communicators, etc. Output — 50 db.; frequency response 60 to 8,000 cps. Not affected by temperature or humidity. In sturdy metal case, brown leatherette finish, with grille cloth and metal screen. Overall dim.: 5 3/8" H. x 4 1/2" W. Base 3 1/2" in dia.

Hi-Impedance. Wt. 3 lbs. \$1.76
K21895—Your Cost

Grip-Cap Phono Adapter

Designed to permit quick and convenient connection of phonograph pickups to the grid cap of detector or first audio tubes. Has clips to facilitate connection of pickup leads.

K11643—For Glass Tubes

K11644—For Metal Tubes

Your Cost Each



26¢

Record Player Adapter

For attaching a record player to any radio receiver. So simple, any one can attach it within a few seconds. Can be mounted entirely inside of cabinet or with knob protruding outside of cabinet.

K11640—Shpg. wt. 1 lb.

Your Cost



95¢

Mike & Phono Adapter

5, 6, 7 and 8 Prong



Especially designed for use with microphone or phono pick-up. Adapter is inserted in tube socket and tube in adapter. Simple to use.

K12628—5 Prong Type

K12629—6 Prong Type

K12630—7(S.) Prong Type

K12631—8 Prong Type

Each \$54¢

Phono-Adapters, With Switch



For connecting record players to radio sets without phono-pickup terminals or connections. Includes a shielded switch, for switching from "radio" to "phono", and vice-versa, completely wired to adapter by shielded wires to avoid reaction.

Adapters are of molded bakelite, and plug into first audio or final detector stage; tube fits into top. Available in 4 types, for different type tubes as specified below. Full instructions.

K11607—For sets employing a 5 prong tube (no grid cap, such as '27) as detector or 1st A.F.

Your Cost

Each \$73¢

K11608—For 6 prong tubes, such as 42, 43, 48, etc.

Your Cost Each \$73¢

K11609—For metal tubes, such as 6B8, 6F6, etc.,—used as 1st A.F.

Your Cost Each \$73¢

K11610—For screen-grid detectors, with cap, such as 6J7, 6Q7, 6R7, 24, 57, etc. Not plug-in; tube remains, but adapter grid-cap fits on tube. With instructions.

Your Cost Each \$73¢

RCA Record Player Connecting



Switch and Cable

For connecting any Record Player to a receiver. Consists of small switch assembly, readily attachable to back of any radio cabinet. Knob and mtg. screws included.

K22006—Your Cost Each \$59¢

Lafayette Hearing Aids "Theatrear"



Handsome, lightweight, portable. Employs 3 new type tubes, new crystal microphone and earphone and a frequency compensator, all of which assures powerful crystal-clear volume and quality. Very economical on battery consumption. Case is a beautiful pin seal covered metal cabinet, size: 3x5 1/4 x 7" high. Supplied with "A" and "B" batteries, single crystal earphone with headband and 4 ft. cord.

Shpg. wt. 9 lbs.

K21923—Your Cost \$29.95

110 V. AC-DC Executive

Reproduces voice and music without distortion. Employs 3 new type tubes, and "frequency compensator" for adjusting tone to suit. Handsome Walnut cabinet, to harmonize with home or office, dim.: 5 1/2 x 6 x 4 1/2" deep. Operates from any 110 volt light supply, A.C. or D.C. With crystal headpiece and headband.

K21925—Shpg. wt. 9 lbs. \$29.95

Your Cost



110 V. AC-DC Portable Model

Has same features as above, except that it is installed in a genuine "pin seal" leather case, with convenient handle and compartment for the earphone and electric cord. Convenient for travelling. Supplied complete, ready-to-operate, with single crystal earphone and headband.

K21924—Shpg. wt. 9 lbs. \$29.95

Your Cost

Economy Battery Model

Featuring battery economy, this portable hearing-aid incorporates many novel deluxe features. Employs 3 powerful tubes, and a "frequency compensator" which permits adjusting tone to suit. In beautiful pin seal cabinet, 6x6 1/2 x 4 1/2" deep.

K21926—With tubes, batteries, crystal earphone and headband. Wt. 9 lbs. \$34.95

Your Cost

Hearing Aid Accessories

K13922—Additional Crystal Headpiece, with 5-ft. cord. Your Cost \$2.94

K13923—Lorgnette Crystal Headpiece, with 5-ft. cord. Your Cost \$3.82

K13910—External Volume Control unit, 10-ft. cord. Your Cost \$2.06

SPECIAL! Lafayette Portable P.A. System



Here is a remarkable value in a Complete Portable P.A. and Sound System that is ideal for taverns, small night clubs, lecturers, shooting galleries, small auditoriums, etc. It's completely self-contained; amplifier, speaker and even the desk-type microphone (with stand, as illustrated) and 12 ft. of cable all fit within the sturdy, attractive leatherette case. The amplifier (mounted in case) is a 3-tube, 2-input channel unit, which permits connecting either microphone or phonograph. Its output is over 5 watts, and includes a gain control and Tone Compensator for coping with acoustical difficulties. Tubes used (supplied): 1—6SC7, 1—6N6G and 1—OZ4 rectifier. The Speaker supplied (mounted in case) is an 8" hi-efficiency PM Dynamic, with 25 ft. speaker cable in case it is desired to place the speaker at a relatively remote point. The microphone furnished is the well-known Bruno Velotron (no-voltage type), with 12 ft. of microphone cable, attached to an attractive desk stand finished in silver-gray.

The Portable Case which houses all of this equipment is finished in wear-resisting black leatherette, with snap-lock and hinged back cover and carrying handle; size: 14x9 1/2 x 7 1/4" deep. Speaker grille opening is of proper diameter for the 8" speaker, and is covered with appropriate grille cloth and metal screen to protect speaker.

Shpg. wt. complete, 40 lbs.

MODEL 727T—Portable P.A. System, With Tubes, Mike and Stand \$19.95

Your Cost, SPECIAL

LINGUAPHONE SYSTEM Learn Code the Easiest Way! Code Lessons on Records



You can now become an amateur or commercial wireless operator without painful practice or study. Just sit at home beside your phonograph or record player, and learn to decipher the code. Slow down the record to a few

words per minute; then speed it up as you learn to copy. Text book and 5 double-faced discs (in album) sent you to send and copy the Continental Code. Prepared by Royal Signal Corps officers and Linguaphone Institute. Records are 10" diameter, and can be used for groups and classroom. Shpg. wt. 6 lbs.

K21895—5 Records in Album, with Text Book. Your Cost, Complete \$12.85

Your Cost, Complete \$12.85

See page 166 for sending keys and buzzers.

RECOGNIZED!



His mighty roar splits the heavens . . . crashes across the veldt like the boom of a hundred snarling cannon. When the King of Beasts speaks, the whole jungle listens.

Man was never blessed with such a voice. Science and engineering developed it for him — through the medium of the sound system. And because Lafayette pioneered in Sound, because Lafayette today unquestionably delivers more power, more watts per dollar, more-for-the-money value than any other name in P. A., it is the recognized leader in this rapidly growing industry.

For 1940 Lafayette offers three great lines of sound systems — the Deluxe, Standard and Economy. Each unit is completely assembled, simple to install, ready to operate. You will find them accurately described on the following pages.

L A F A Y E T T E

P. A.

Lafayette

ALWAYS LEADS

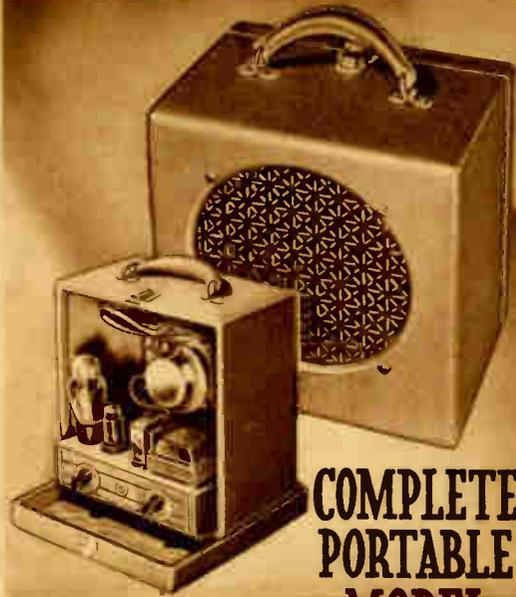
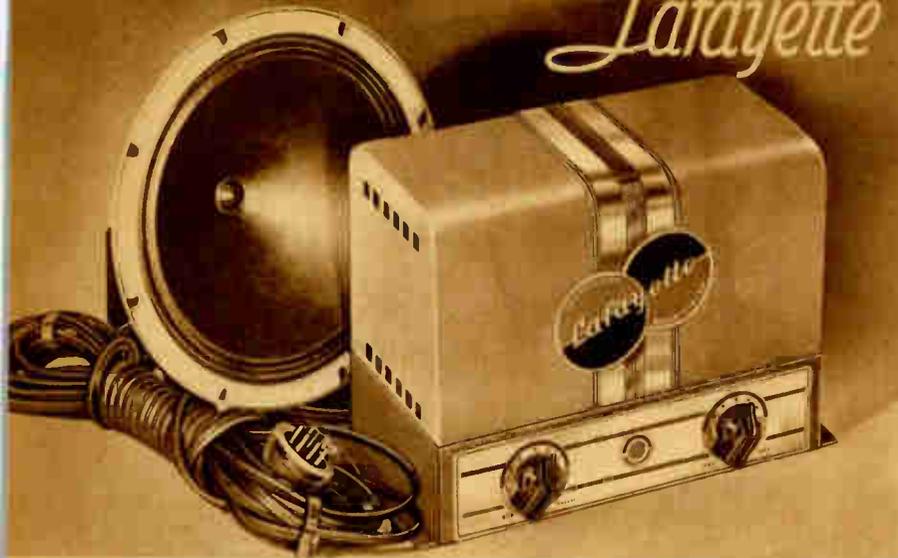
5 TO 8 WATTS

AT THE SMASHING LOW

PRICE OF

\$ 7⁹⁵

LESS TUBES & COVER



COMPLETE PORTABLE MODEL

Lafayette's Challenge to Low-Power "Utility" Sound Field

- ★ A Bona Fide P.A. Amplifier at an Unheard-of Low Price
- ★ Sturdy Construction—Oversize Parts—Streamline Design
- ★ Mixes Microphone and Phono—Tone Control
- ★ Ideal for Paging Systems, Ballyhoo, Demonstrations, Etc.

This new 5 to 8 watt Lafayette Amplifier is undoubtedly the most remarkable value ever offered the user of low-power P.A. equipment. It is an amplifier that fully lives up to the quality and traditions of Lafayette, the world's largest exclusive manufacturer of P.A.

Uses Any Modern Crystal Mike

You can use any modern type crystal mike; provides fine tone quality; has variable tone control to compensate for acoustical differences in various localities. Excellent for paging systems in bus stations, small hotels, store and window demonstrators, auction rooms, etc. Uses 1-6SC7, 1-6N6G and 1-5Y4G rectifier. Handsome platinum grey wrinkle cover with gleaming chrome band, and control panel.

MODEL 408-A—5 to 8 watt Amplifier only, less tubes and decorative cover. Shpg. wt. 6 lbs. List \$15.90.
YOUR COST \$7.95

MODEL 408-T—Same as above, with set of RCA and Raytheon tubes.
YOUR COST \$9.98

MODEL 408-DF—Decorative Cover, only (K13745).
YOUR COST \$1.28

Lafayette leads again with a complete 5 to 8 watt Sound System that is highly efficient, modern in design and priced at a new low.

MODEL 724-T—5 to 8 watt System includes: 408-T Amplifier with tubes; 8-inch P.M. speaker and matching Trans. (K19274); 25 feet speaker cable; one Wall-Type Fabrikoid Baffle (K20042); One Lafayette "Tilt head" Crystal Mike (K13712); 12-ft. mike cable; One 9-inch Banquet Stand (K13583); all plugs.

Less Decorative Cover, READY TO OPERATE (NO EXTRAS).

Code, RIDGE. Wt. 40 lbs. **\$23.45**
List Price \$46.90.

YOUR COST

MODEL 725-T—System same as above, but with one 408-DF Cover and 3 way Mike Stand K13352. (See page 78).
YOUR COST \$25.46

AMPLIFIER SPECIFICATIONS

Output in Watts: Normal—5 Peak—8
2 Input Channels: Microphone—1 Phono—1
Gain in DB: Microphone—105 Phono—62
Hum Level Below 5 Watts: 55 db
Output: 7000 ohms to Speaker
For 110 Volts 50-60 cycles A.C.
Dimensions: 8" H, 8½" W, 7¼" D.



- ★ Lowest Priced Complete Portable
- ★ Lightweight—Durable—Powerful
- ★ Oversize 8-Inch P.M. Speaker

A truly unusual unit from every viewpoint—compact—lightweight—powerful—durable—modern appearance, and now offered at the lowest price in Lafayette P.A. history. Speaker is mounted in the portable case and is connected to amplifier (removed from case when in use) by 25-ft. weatherproof rubber covered cable. An extremely popular unit with traveling demonstrators, small orchestras, lecturers, etc.

MODEL 618-A—5 to 8 Watt Portable Amplifier includes: 408-A Amplifier; 8-inch P.M. speaker with matching transformer; 25-ft. of rubber covered speaker cable; Carrying Case covered in Spanish Brown leatherette. Shpg. wt. 18 lbs. List \$31.70. (Size: 10" H, 10" W, 7" D.) Code, SLOPE. **\$15.85**

YOUR COST, including Case \$15.85

MODEL 618-T—Same as above, with set of RCA and Raytheon tubes.
YOUR COST \$17.88

Complete Portable Sound System

MODEL 728-T—5 to 8 Watt Portable System includes: 618-T Portable Amplifier, with tubes; 8-inch P.M. Speaker with matching x'former; 25-ft. rubber covered speaker cable; one Lafayette crystal mike (K13712) with 12-ft. mike cable; one 9-inch banquet mike stand (K13583); Carrying Case (as above). Code, RHYME. Shpg. wt. 45 lbs. List Price \$52.66. **\$26.33**

YOUR COST \$26.33

Case Also Sold Separately

K21929. Carrying case only, as furnished with above systems. **YOUR COST \$3.20**

Lafayette 10 TO 14 WATTS

More Watts Per Dollar Than Ever Before

A Full-Fledged P.A. Amplifier For Less Than The Cost of a Standard Mike.
Only Lafayette's Production Facilities Could Offer Such Amazing Value

- ★ Push-Pull Beam Power Output
- ★ Complete Mike and Phono Mixing
- ★ Tone Control-Streamlined Design
- ★ Built-In Output Transformer

In this 10 to 14 watt Amplifier Lafayette engineers have produced a high-quality, medium-power low-cost amplifier never before possible to accomplish at this sensationally low price. Nevertheless the quality of materials, construction and design still meet with the most rigid specifications that have made Lafayette the buy-word in the P.A. field. This new product of the world's largest exclusive manufacturer of P.A. equipment bids fair to find favor with the average user of public-address because of the numerous applications in which it may be successfully used.

Push-Pull "Beam-Power" Output

Two "beam-power" tubes used in push-pull output provide volume of ample power and exceptionally high tonal quality. A fully variable tone control permits complete adjustment for all acoustical variations, no matter where used. Tube complement includes: 1-6J7, 1-6SC7, 2-6V6G "Beam-Power" tubes and 5Y4G rectifier. A built-in speaker matching transformer is provided.

Complete Mixing and Fading

The amplifier has provisions for blending the inputs of one microphone and one phono to any desired degree. This is an exceptionally valuable feature making this a highly flexible amplifier when used with a small orchestra, or when a singer is accompanied by phono recording. Among the many applications of this amplifier are: restaurants, taverns, small hotels and night-clubs, bus and railroad stations, summer resorts, stores, etc.

Smart Modern Design

Cased in handsome platinum grey wrinkle finished cover with chromium carrying handle. Chromium center band and gleaming front panel enhance its smart appearance. All plugs and connectors are on the rear of the slate grey chassis. Overall dimensions are: 7¾" high, 11½" wide, 5½" deep. For use on 110-115 volts 50/60 cycles A.C.

- MODEL 412-A—Lafayette 10 to 14 watt Amplifier, less tubes and Decorative Cover. Code, SQUIB. Shpg. wt. 18 lbs. **\$10.95**
List Price \$21.90. YOUR COST...
- MODEL 412-T—Same as above, with complete set of RCA and Raytheon tubes. **\$13.80**
YOUR COST
- MODEL 412-DF—Decorative Cover only \$1.66



\$10.95
LESS TUBES & COVER

Complete "Co-ordinated" Sound System

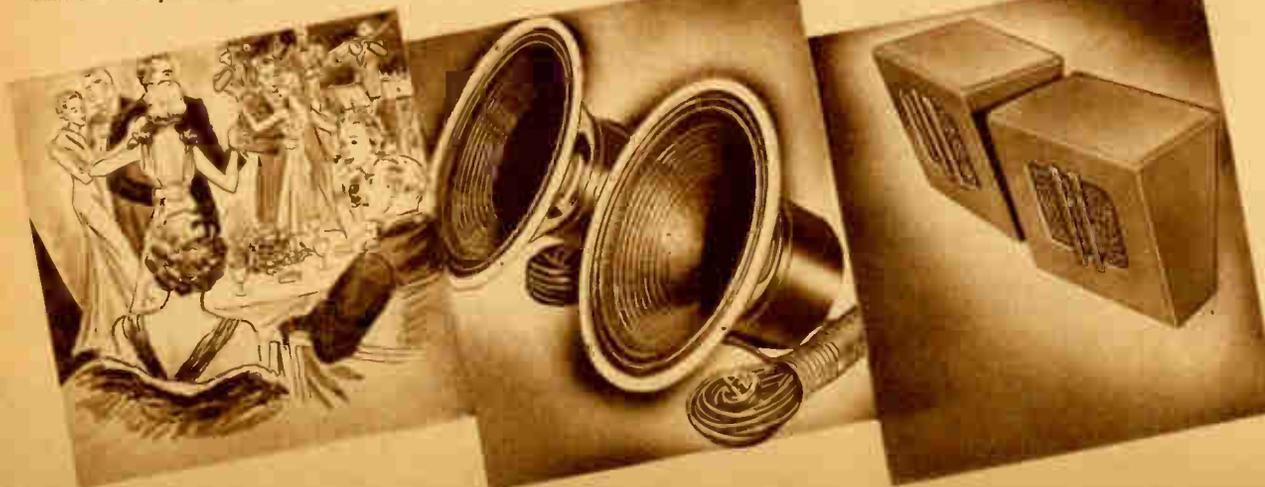
This complete system, which includes the amplifier above, provides an amazingly low cost P.A. unit which will supply more watts per dollar than ever before. Each component is matched for best possible value in the complete system.

- MODEL 731-T—10 to 14 watt System includes: 412-T Amplifier complete with tubes, less decorative cover; One 10-inch P.M. speaker (K19380); One Wall-Type Fabrikoid Baffle K-20055; 25-ft. rubber covered speaker cable; one Lafayette "Tilt-Head" crystal mike (K13712); One 9" Banquet Stand (K13583); 12-ft. mike cable; all plugs, instructions, etc. READY TO OPERATE (NO EXTRAS). Code, ROYAL Shpg. wt. 45 lbs. **\$29.25**
List Price \$58.50. YOUR COST

- MODEL 732-T—Same as above, but with two 12-inch P.M. Speakers (K19222), 50' of Speaker Cable, two Wall-Type Fabrikoid Baffles (K20056). **\$38.15**
YOUR COST
- Either system above with floor stand (K13647) in place of banquet stand, ADDITIONAL, per stand \$2.35

AMPLIFIER CHARACTERISTICS

Output in Watts: Normal—10, Peak—14. 2 Input Channels: Microphone—1, Phono—1. Gain in DB: Microphone—110, Phono—80. Hum Level Below 10 watt: —46 db. Outputs: 8 and 16 ohms—Tone Control. Frequency Response: 50-10,000 c.p.s. Dimensions: 7¾" H., 11½" W., 5½" D. For use on 115 v., 50/60 cycles A.C.



Lafayette 15 TO 18 WATTS

Low in Price - Packed with Power -

★ Complete Facilities for Every Popular P.A. Requirement

★ 6L6-G Output Tubes

★ Noiseless Mixing

The large majority of P.A. installations require an amplifier with this power output. And because of Lafayette's reputation for quality and super-value this new 15-18 watt model is by far the greatest P.A. amplifier "buy" on the market today.

Push-Pull Beam Power

A pair of 6L6-G "Beam-Power" tubes in push-pull output supply more than ample power for the average sound requirement, with excellent tone quality and freedom from distortion. Tubes: 1-6J7, 6SC7, 2-6L6G and 1-5V4G.

Mixer-Fader Control

Built-in mixer fader control permits easy and rapid blending from one mike to either of two phono channels, or mixing both phono channels. Amazingly simple to operate and install.

Amplifier Characteristics

Output Watts: Normal—15; Peak—18; 3 Inputs: Mike—1; Phono—2; Gain DB: Mike—113; Phono—60; Hum Level Below 15 Watts—48 DB. Outputs: 2, 4, 8, 16, 250, 500 ohms. Freq. Resp. 50-10,000 c.p.s. Dimensions: 7¾" H, 11½" W, 5½" D. For 115-125 Volts 60 cycles A.C.

Complete System With Wall-Type Baffles

Ideal for use in small nite-clubs, restaurants, hotels, etc., at the lowest price ever offered.

MODEL 738-T—15 to 18 watt system includes: 416-T Amplifier with tubes; 416-DF Cover; Two 10-inch "Magic-Magnet" P.M. speakers (K19380); Two Wall-Type Fabrikoid Baffles (K20055); 50 ft. rubber covered speaker cable; One Lafayette "Tilt-Head" Crystal Mike (K13712); One Banquet Stand, 10" to 15" ext. (K19359); 12 ft. mike cable; all plugs, instructions. READY TO OPERATE (NO EXTRAS). Code, ROAST. Shpg. wt. 76 lbs. List Price \$88.50.

YOUR COST..... \$44.25

★ Complete Ready-to-Use System With Modern Wall-Type Baffles

Variable Tone Control

Continuously variable tone control permits adjustment for all acoustical conditions. Front panel has push-button on-off switch and pilot light. Case of attractive, modern design, finished in platinum grey wrinkle with chrome handle. Ivory knobs.

MODEL 416-A—15 to 18 watt Amplifier only, less tubes and cover. Code, SNAIL. Shpg. wt. 22 lbs. List Price \$31.90.

\$15.95

YOUR COST.....

MODEL 416-T—As above, with set of RCA and Raytheon tubes. \$19.98

YOUR COST.....

MODEL 416-DF—Decorative cover, only. (K13747). YOUR COST.... \$1.66

For 220 V. 60 cycles, add \$2.35; 25 cycles, add \$8.95.

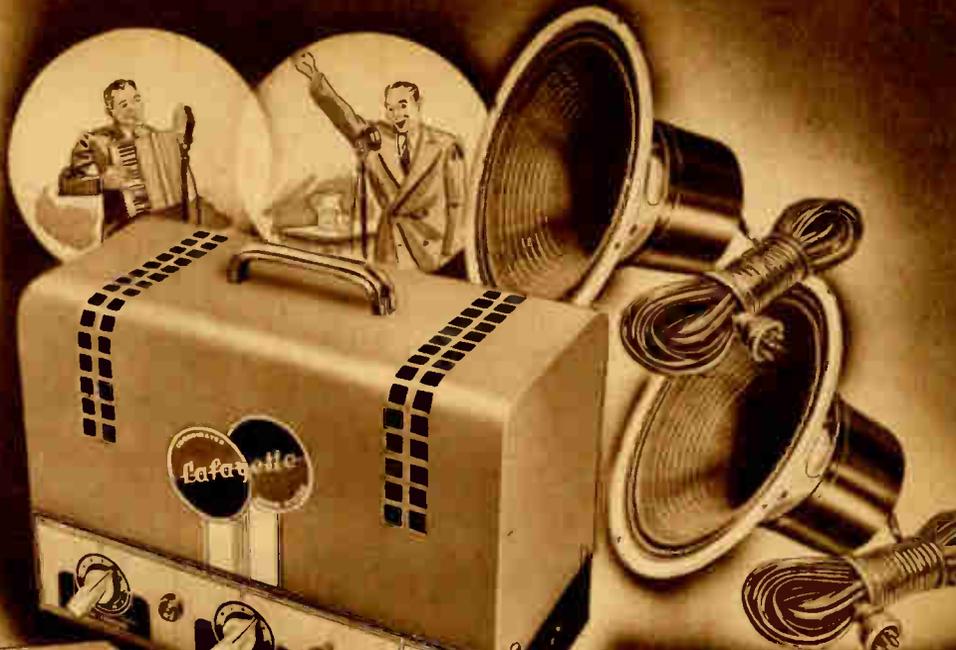


Complete Sound System with Choice of Microphone

MODEL 739-T—15 to 18 watt System includes: 416-T Amplifier complete with tubes and decorative cover; Two 10-inch "Magic-Magnet" P.M. Speakers (K19380); Two Wall-Type Fabrikoid Baffles (K20055); 100-ft. rubber covered speaker cable; Friction-Clutch Floor Stand (K13647); One Mike (your choice from Standard Selection); all plugs, instructions. READY TO OPERATE. (NO EXTRAS.) Code, RUBLE. Shpg. wt. 88 lbs. \$50.30

List Price \$100.60. YOUR COST.....

MODEL 740-T—System, same as above, but with two Heavy Duty 12" P.M. Speakers (K19228) Two 12" Fabrikoid Wall-Type Baffles (K-20056). \$60.25



\$15.95

LESS TUBES & COVER

SPECIAL "PHONO" MODEL With VOLUME EXPANDER

For High-Fidelity Reproduction; Lafayette engineers have designed this special amplifier for use exclusively for high-fidelity phono-reproduction. Incorporates special "Expander" circuit permitting perfect reproduction of all dynamic changes in modern recordings, also incorporates Inverse Feedback. Entirely new in design, the amplifier is similar in appearance to the model illustrated above. Has push-pull on-off switch and ruby pilot light. Full variable tone control enables adjustment for finest possible tone. Has "Beam-Power" output for practically distortionless reproduction on normal wattage. Uses 1-6L7, 2-6C8G, 2-6L6G's and a 5V4G rectifier.

AMPLIFIER CHARACTERISTICS

Input for Phono only: Gain 66 db. Hum level below 15 watts: —58 db. Maximum expansion: 10 db. For other specs. see listing at left.

Standard Mike Selection
At no additional cost with Systems 739 and 740—your choice of:
(1) Amperite Standard Velocity;
(2) Electro-Voice Standard Dynamic;
(3) Shure "Swivel" Crystal;
(4) Shure "Rocket" Crystal;
(5) Electro-Voice Velocity. With 25-ft. cable.



"EXPANDER" MODEL

MODEL 418-A — Lafayette — 15-18 watt "Expander" amplifier less tubes and cover. Size: 7¾" H, 11½" W, 5½" D. For 105-125 volts, 50-60 cycles A.C. Code, SMOKE. Shpg. wt. 25 lbs.

List Price \$36.60. **\$18.30**

YOUR COST.....

MODEL 418-T—As above but with RCA and Raytheon tubes. \$23.69

YOUR COST.....

MODEL 418-DF—Cover only. K-13747. YOUR COST..... \$1.66

**25
TO
35
WATT
SYSTEM**

LAFAYETTE'S LEADER IN VALUE — POWER — PERFORMANCE

Our Greatest High-Quality Low-Cost Amplifier

- ★ Ideal For Popular P.A. Requirements
- ★ Simultaneous Operation 3 Input Channels
- ★ Four Inputs—Two Mikes & Two Phonos
- ★ Mixes 2 Mikes and Either Phono Channel
- ★ Provision for 2-Channel Remote Control
- ★ "Beam-Power" Tubes-Reverse Feedback
- ★ Variable Tone Control—Field Supply
- ★ Attractively Colored Modern Housing
- ★ Operates With Any Modern Type Mike

Now, at practically no extra cost, Lafayette gives you an amplifier with simultaneous operation of THREE input channels. Mixes or blends any two mikes with either phono channel. Latest type circuit features reverse feedback—"Beam-Power" tubes. Tubes used: 2-12SJ7, 1-5SC7, 1-6C8G, 2-6L6G and 1-5V4G. Field supply for two 2500 ohm speakers. Excellent for all the most used P.A. installations. Modern design housing, attractively finished in platinum grey, chrome handle and panel, Ivory control knobs.

MODEL 440-A—25 to 35 watt Amplifier only less tubes and decorative cover. Code, SOLON.
Shpg. wt. 30 lbs. List Price \$41.70.
\$20.85
YOUR COST

MODEL 440-T—Same as above, with complete set of RCA & Raytheon tubes. **\$26.32**
YOUR COST

MODEL 440-DF—Decorative cover only, for above (K13748).
YOUR COST **\$1.98**
For 220 V., 60 cyc., add\$2.60 25 cyc., add.....\$11.25

AMPLIFIER CHARACTERISTICS
Output Watts: Normal—25, Peak—35. 4 Input Channels: Mike—119, Phono—2. Gain in DB: Mike—119, Phono—84. Hum Level Below 25 Watts—52 db Outputs: 2, 4, 8, 16, 250 and 500 Ohms. Frequency Range: 50-10,000 c.p.s. Field Supply for 2-2500 ohm units. Dimensions: 8 1/4" H., 16 1/2" W., 6" D. For 115 Volts, 50-60 cycles A.C.

Remote Control Box and Cable
MODEL 598-P—Remote control device permits complete remote operation of any TWO microphones or phono pick-ups up to 1000 feet from Model 440—Amplifier. Complete in hand size grey crackle finished box, 4 1/8" x 2 7/8" x 2". Comes complete with two mixer controls, 50 feet of 3-wire cable and connector plug. Wt. 4 lbs.
\$5.85
ADDITIONAL



Standard Mike Selection
At no additional cost with Systems 750 and 751, your choice of: (1) Amperite Standard Velocity; (2) Electro-voice Standard Dynamic; (3) Shure "Swivel" Crystal; (4) Shure "Rocket" Crystal; (5) Electro-Voice Velocity. All supplied with 25-ft. of microphone cable.

CO-ORDINATED
Lafayette
SOUND SYSTEMS

Complete Sound System With Choice of Mike and Speaker Baffles

This 25-35 watt Lafayette "Co-ordinated" Sound-System is ideal for the medium size night club, restaurant, hotel and all other installations requiring ample power — yet is priced at what ordinary low-power units would cost. And it is complete! No extras to buy — you get it ready to operate. Wall type Fabrikold baffles, two De Luxe 12" dynamic speakers, all speaker and mike cable, your choice of any one of our standard mike selection, all at the same low price that makes this an unusual Lafayette value. At a slight additional cost there is

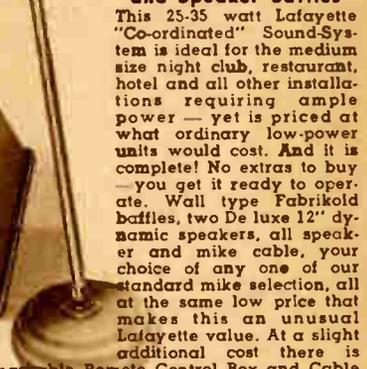
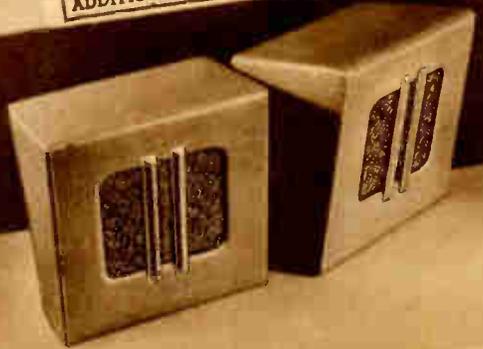
available our remarkable Remote Control Box and Cable permitting control from distances up to 1000 ft.

"Co-ordinated" Sound System
MODEL 750-T—System includes 440-T complete with tubes; 440-DF Decorative Cover; 2 De Luxe 12" Heavy Duty Dynamic Speakers (K19214); 50-ft. rubber covered speaker cable; 2 Wall-Type Fabrikold Baffles (K20056); One Microphone (From Standard Mike Selection); One Friction-Clutch Floor Stand (K13647); 25-ft. Mike Cable; All Plugs, Instructions, etc., READY TO OPERATE (NO EXTRAS). Code, RAVEL. Shpg. wt. 82 lbs.
List Price \$127.50.
YOUR COST

MODEL 751-T—System. Same as above but with your choice of any TWO mikes (From Standard Mike Selection) and TWO Friction Clutch Floor Stands (K13647).
List Price \$156.60. **\$78.30**
YOUR COST



\$20.85
LESS TUBES & COVER



CO-ORDINATED
SOUND SYSTEMS

Lafayette GIVES YOU MORE...

30 TO 40 WATTS

FOR YOUR MONEY



Microphone Selection
At no additional cost with System 757-T, your choice of 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Standard Dynamic; 4) Shure "Swivel" Xtal; 5) Shure "Rocket" Xtal; 6) Electro-Voice Velocity. All with 25-ft. cable.

- ★ Simultaneous Operation of Four Inputs
- ★ "Dialogue" Frequency Compensator
- ★ Individual Controls on All Channels
- ★ Provision for Remote Control Operation
- ★ Beam-Power Output—Reverse Feedback

As handsome in performance as it is in design, this new 30-40 Watt Lafayette amplifier is our answer to the demand for an amplifier of super quality, super dependability and ease of operation. And, in addition to these excellent features, this amplifier is priced so low that it is truly a super value. Designed primarily for use in auditoriums, churches, large banquet halls, night clubs and hotels, the Model 452-A Amplifier is amply suited for such applications, with power to spare. Complete mixing facilities for simultaneous operation of two microphones and two record-players or similar type of high level input.

"Dialogue" Frequency Compensator
A new and exclusive amplifier feature is Lafayette's "Dialogue" Frequency Compensator which increases or decreases low tones, making it especially suitable for voice reproduction in both singing and speaking.

"Beam-Power" Output
Seven tubes are employed, including two "Beam-Power" outputs. Tubes used: 2-12SJ7, 1-6SC7, 1-6CG, 2-6L6G and 1-83 rectifier. Encased in platinum grey wrinkle with attractive chrome and red plastic handle, push-button on-off switch and pilot light, push-heat dissipation. For best heat dissipation, use Model 452-A, Amplifier Only, in Modernistic Cabinet, 30 to 40 watts, less tubes. Code, SABER. Shpg. wt. 40 lbs. List Price \$63.90. **\$31.95**

\$37.14
MODEL 452-T. Above, with RCA and Raytheon tubes. YOUR COST, add \$2.55; 25 cys.—\$12.30
For 220 V. 50-60 cys., add \$2.55; 25 cys.—\$12.30

Amplifier Characteristics	
Output in Watts: Normal 30	Peak—40
Input Channels: Microphone—2	Phono—2
Gain in DB: Microphone—130	Phono—80
"Dialogue" Equalizer Quality Control	
Hum level below 50 watts—50 db.	
Outputs: 2, 4, 8, 16, 250, 500 ohms	
Frequency Range: 50-10,000 c.p.s.	
Provision for Remote Control Attachment	
Two Microphone Remote Control Channels	
Field Supply For 2-2500 ohm Speakers	
Dimensions: 8" H, 16 3/4" W, 7 1/4" D.	
For 115 Volts 50-60 cycles A.C.	

DELUXE



\$31.95
LESS TUBES

30-40 Watt Complete Co-ordinated Sound System

The complete 30-40 watt Lafayette Co-ordinated Sound System is ideally suited for the better type of installation in "class" night clubs, hotels, restaurants, lodge and meeting halls where ample coverage for large assemblages is required, and where dependability and versatility of operation must be matched by beauty of styling and design. This system not only excels from the points of operation and style, but also from the highly important point of providing far more than you'd find for so little money anywhere else. One Standard Friction-Clutch Floor Stand K-13647, all plugs, etc. READY TO OPERATE. Code, RABID. Shpg. wt. 100 lbs. List Price \$148.50. YOUR COST, but with choice of 7) De Luxe De Luxe Velocity Mike with Acoustic Compensator, OR 6) Electro-Voice De Luxe Dynamic Mike. **\$74.25** \$76.25



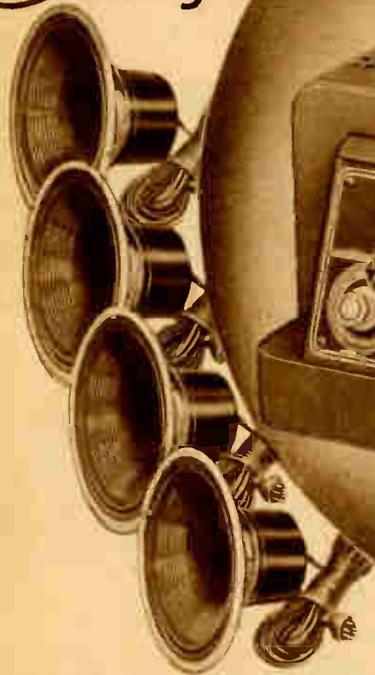
Remote Control Box and Cable

Provides complete remote operation of any TWO microphones or phonograph pick-ups up to 1000 feet from 452-A Amplifier. Grey wrinkle box. 4 1/8" x 2 7/8" x 1 1/8". Comes complete with 50-ft. of 3-wire cable, and connector plug. Shpg. wt. 4 lbs. **MODEL 598-P—YOUR COST \$5.85**



Lafayette 40 TO 60 WATT De Luxe SYSTEM

**WITH BUILT-IN
TONE EQUALIZER**
At No Extra Cost



\$51.70
LESS TUBES & METER



Complete "Co-ordinated" Systems
The P.A. user has never been offered such value as Lafayette presents in these complete "Co-ordinated" Systems. Featuring the new "Broadcast Studio Panel Control" amplifiers they are ideal for big installations. **MODEL 784-T—Lafayette 40-60 watt System** includes. 400-T Amplifier complete with tubes and cabinet (Less V.I. Meter); Four 12" Heavy Duty P.M. speakers (K19228); Four Wall-Type Fabrikoid Baffles (K20056); 200-ft. rubber covered speaker cable; One Mike (your choice from Standard Selection listed on page 54); One All-Chrome Friction-Clutch Floor Stand (K13528); 25-ft. mike cable; all plugs, instructions. **READY TO OPERATE (NO EXTRAS).** Code. RELAX. Wt. 140 lbs. **\$125.75**
List Price \$251.50.
YOUR COST.....
MODEL 785-T—Same as above, but with choice of De Luxe Mikes (6 or 7). **\$127.75**
YOUR COST.....
For additional Standard Mikes and Stands, up to four may be used with this system. **ADD. Per Mike & Stand..... \$15.90**

AMPLIFIER CHARACTERISTICS

Output in Watts: Normal—40, Peak—60.
6 Input Channels: Mike—4, Phono—2.
Gain in DB: Mike—128, Phono—83. Individual Bass & Treble Equalizer Controls. Master Gain Control—DB Meter (opt.). Hum Level Below 40 watts: -50 db. Outputs: 2, 4, 8, 16, 250 and 500 ohms 13 tubes: 4-6S7, 3-6C8G, 1-6SC7, 4-6L6G, 1-83. Frequency Response: 50-10,000 c.p.s. Provision for Remote Control Attachment. For 105-115 & 115-125, 50/60 cyc. A.C. 8 3/4" H. 17 1/4" W. 11 3/4" D.

ANOTHER LAFAYETTE AMPLIFIER FIRST! BROADCAST STUDIO PANEL CONTROL AT LOW COST

Combines the Ultimate in Facilities With Ease of Operation

- ★ Simultaneous Operation 5 Inputs
- ★ Mixes Four Mikes and Either of Two Phonograph Channels
- ★ Master Microphone Gain Control
- ★ Individual High-Low Equalization For full "Quality" Control
- ★ 13-Tubes—4 Beam-Power Tubes
- ★ Speaker Selector Switch
- ★ Decibel Output Meter Optional
- ★ Provisions for Remote Control
- ★ Streamlined—Attractive—New
- ★ Underwriter's Lab. Approved

Lafayette engineers have done it again! We are proud to be the first to offer the ultra-modern "Broadcast Studio Panel Control" in this high-power amplifier that has EVERYTHING! Just glance over the list of Amplifier Characteristics and features listed on this page and convince yourself that this amplifier is one of the masterpieces of the Lafayette line. Four "Beam-Power" tubes in dual push-pull output provide extremely high power for the big installations. Built-in tone equalizer for bass and treble equalization produces high-fidelity tone for all voice and music reproduction. Volume Output meter, reading in decibels, optional at slight additional cost.

MODEL 480-A—40 to 60 watt Lafayette amplifier only, complete with cabinet, less tubes and volume indicator meter. Code, SCRUB. Shpg. wt. 50 lbs. List Price, \$103.40. **\$51.70**
YOUR COST.....
MODEL 480-T—Same as above, but with complete set of RCA and Raytheon tubes. **YOUR COST**.....**\$61.50**
MODEL 599-P—Volume Indicator Meter..... \$4.50
Remote Control Box and Cable
MODEL 598-P—(Illustrated above.) Provides complete remote operation of any two mikes or phono pick-ups up to 1000-ft. from 480-A Amplifier, in Gray crackle box, 4" x 2 7/8" x 2". Complete with two mixer controls, 50-ft. 3-wire cable and connector plug. **\$5.85**
Shpg. wt. 4 lbs. **ADDITIONAL**.....



Standard Mike Selection
For Standard and De Luxe Microphone selection offered with systems on this page, see page 54, above.

Lafayette 70 TO 100 WATTS *Unsurpassed for* BIG Installations



★ The P.A. Industry's Supreme Amplifier

★ Has Everything — Power — Flexibility — Modernity — Ease of Operation

- ★ Underwriter's Lab. Approved
- ★ Simultaneous Operation 5 Channels — Four Mikes and Either Phono
- ★ Individual High - Low Equalization Controls—Master Gain Control
- ★ Luminous "Neo-Dial" Controls
- ★ 15 Tubes—4 "Beam-Power" Tubes
- ★ Speaker Selector Switch
- ★ V.I. Meter—Reverse Feedback

Super-Power System
No finer system for use in convention halls, armories, super-theatres, sports arenas is available today. All components have been matched to provide optimum performance for "big" installations. Speaker selector switch on amplifier permits instantaneous matching of any number of speakers. System easily converted for use in outdoor installation by substitution of metal baffles (see page 81).

Here is the first super-power streamline amplifier with all the facilities of a broadcast studio amplifier—actually operates 4 mikes on either of two phono channels simultaneously with complete mixing and fading controls—yet is amazingly simple to operate. Featuring ultra-modern appearance with its new sloping panel with exclusive "Neo-Dial" Luminous controls; Volume Indicator Meter (optional); Dual Equalizer Controls; Master Gain Control; Cabinet finished in slate-grey wrinkle with chrome band, gleaming colored panel, Ivory knobs, chrome and plastic red handle. **MODEL 490-A—70 to 100 watt Amplifier only, complete in cabinet, less tubes and V.I. Meter. Code, SIBYL. Wt. 55 lbs. \$61.95**
List Price \$123.90.

Complete "Co-ordinated" System
MODEL 792-T—System includes: 490-T 70 to 100 watt Amplifier complete with cabinet and tubes, (less V.I. meter); 4 12" Heavy Duty P.M. speakers (K19228); 4 Wall Type Fabri-koid Baffles (K20056); 200-ft. rubber covered speaker cable; One Microphone (from Standard Mike Selection); one De Luxe all-chrome friction-clutch floor stand (K13528); 25 ft. mike cable; all plugs, instructions, etc. **READY TO OPERATE (NO EXTRAS). Code REACH. Shpg. wt. 147 lbs. List Price \$273.90. \$136.95**

YOUR COST
MODEL 490-T—As above, with set of RCA and Raytheon tubes. YOUR COST \$72.85
MODEL 599-P—Volume Indicator meter, for either model above. YOUR COST \$4.50
220 V. 60 cyc., add \$3.85, 25 cyc. add \$18.25

YOUR COST
MODEL 793-T System—As above, but with choice of: 7) Amperite DeLuxe Velocity Microphone with Acoustic Compensator, OR 6) Electro-Voice DeLuxe Dynamic. **\$138.95**
YOUR COST
Any of the above systems with additional standard mike (your choice from selection) and floor stand, Per Mike and Stand. **ADDITIONAL \$15.90**
With extra De Luxe Mike and Stand, **ADDITIONAL (Each Set) \$17.90**

\$61.95 LESS TUBES & METER



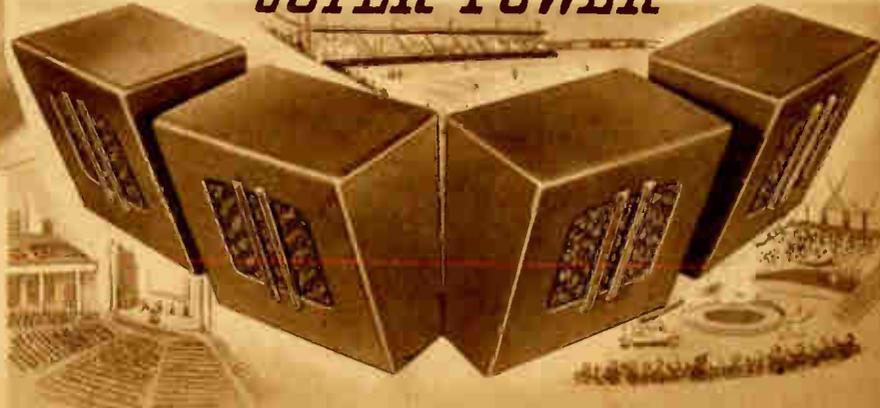
Standard Microphone Selection
At no additional cost with System 792-T, your choice of: 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Crystal; 4) Shure "Rocket" Crystal; 5) Electro-Voice Velocity. All above supplied with 25 feet of microphone cable.

AMPLIFIER CHARACTERISTICS
Output in Watts:
Normal—70 Peak—100
Six Input Channels:
Microphone—4 Phono—2
Gain in Decibels:
Microphone—127 Phono—77
Bass & Treble Equalizers
Master Gain Control
Db Meter (Optional)
Outputs: 2, 4, 8, 16, 250, 500 ohms
Speaker Selector Switch
15 Tubes: 1-6CS, 4-6S17, 2-6C8G, 1-6SC7, 1-6F6, 4-6L6G, 2-83. Freq. Resp.: 50-10,000 c.p.s. 10½" H. 17¼" W. 11¼" D. 115-125 V. 50-60 cyc. A.C.



Remote Control Box and Cable
MODEL 598-P — Provides complete remote operation of any 2 mike or phono Pick-ups up to 1000-ft. from Model 490-A Amplifier. With 50-ft. 3-wire cable, plug. Wt. 4 lbs. \$5.85
YOUR COST \$5.85

SUPER POWER



30 TO 40 WATTS

- ★ Individual or Simultaneous Operation of 1 to 5 Microphones
- ★ 7 Inputs: 5 Mikes — 2 Phono
- ★ Individual Control of High and Low Frequency Equalization
- ★ Master Mike Gain Control

Band leaders everywhere are adopting this unprecedented Multi-Channel Master Amplifier because of its unusual flexibility and versatility of operation. Imagine having complete, individual control over 5 mikes and one phono at the same time, with microphone master gain control! Lafayette's "Broadcast" construction permits individual bass or treble boosting and compensation. 7 channels are provided; 5 for mikes and 2 for phono or similar sound source. Actually six channels can be operated simultaneously—5 mikes and either phono.

High-Low Equalization—"Beam-Power"
Equalization for both high and low frequencies provided, separate controls for each. 14 tubes used: 5-6J7, 5-6C8G, 2-6L6, 2-5V4G.

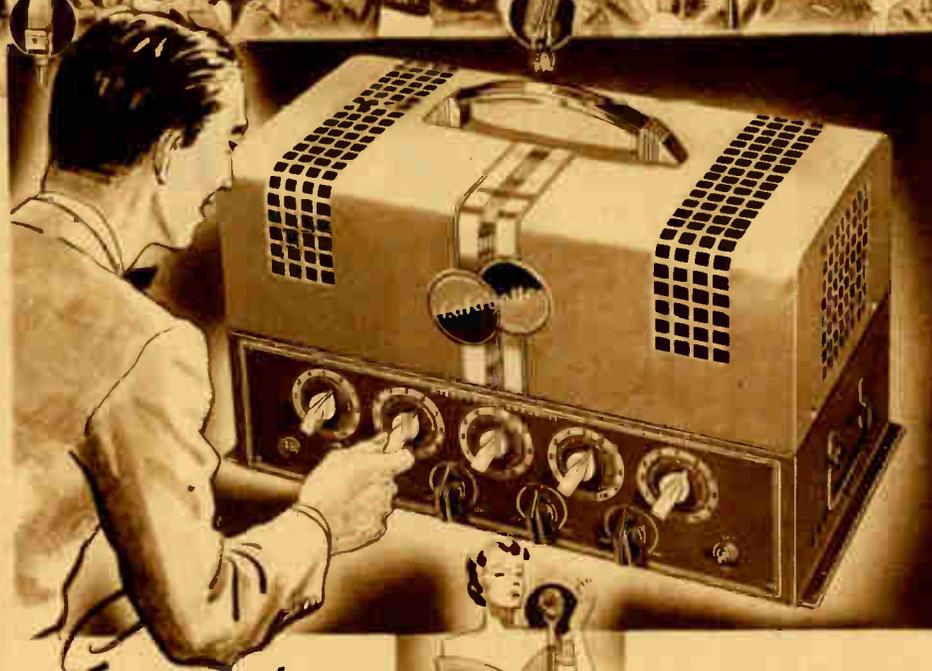
Cased in handsome platinum-grey wrinkle, chrome and plastic handle, Ivory knobs, gleaming control panel, on-off switch and pilot light.

MODEL 453-A—Amplifier only, 30 to 40 Watts, less tubes and cover. Code, SLEEP. Shpg. wt. 35 lbs. List Price \$87.50. **YOUR COST \$43.75**

MODEL 453-T—As above, with RCA-Raytheon Tubes. **YOUR COST \$54.63**

MODEL 453-DF—Cover only (K13749). \$2.25
220 V. 60 cycles, add \$2.55; 25 cyc., add \$12.30

Standard Microphone Selection
At no additional cost with systems 762, 763, 764, your choice of: 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Crystal; 4) Shure "Rocket" Crystal; 5) Electro-Voice Velocity, all with 25-ft. of cable.



Everything's **UNDER CONTROL**
WITH THIS **MULTI-CHANNEL MASTER SOUND SYSTEM**
Operate up to 5 mikes - Individually or Simultaneously



Multi-Channel System

With this Multi-Channel Master Sound System the modern orchestra leader and choir director has, at his hand, the same controls found in the most advanced broadcast studio. With typical Lafayette thoroughness a complete "co-ordinated" system of perfectly matched components has been assembled.

Complete "Co-ordinated" System

MODEL 762-T—includes 453-T Amplifier with tubes; 453-DF Decorative Cover; Two K19214 De Luxe 12" Heavy Duty Dynamic Speakers; Two K20056 Wall Type Fabrikoid Baffles; 100-ft. rubber covered speaker cable; One microphone (from standard mike selection); One De Luxe all-chrome clutch type mike stand (K13528); 25-ft. mike cable; all plugs, instructions, etc., **READY TO OPERATE (NO EXTRAS)**. Code, RURAL. **\$95.33**
Shpg. wt. 98 lbs. \$190.60
List **YOUR COST**

MODEL 763-T—As above, but with any TWO mikes and two all-chrome floor stands. Wt. 114 lbs. Code, RETCH. **\$111.23**
List \$222.46. **YOUR COST**

MODEL 764-T—As above, but with any FIVE mikes and five all-chrome floor stands. Wt. 162 lbs. Code, RAISE. List \$217.90. **YOUR COST**

AMPLIFIER CHARACTERISTICS

Output in Watts: Normal—30 Peak—40
7 Input Channels: Microphone—5 Phono—2
Gain in DB: Microphone—133 Phono—85
Individ. Bass & Treble Equalizer Controls
Master Gain Control—Reverse Feedback.
Hum Level Below 30 Watt: —55 db
Outputs: 2, 4, 8, 16, 250, 500 ohms
Frequency Range: 50—10,000 c.p.s.
Field Supply: For two 2500 ohm speakers
Dimensions: 9 3/4" H, 16 3/4" W, 8 1/4" D.
For 115-125 Volts 50/60 cycles A.C.

6 VOLT DC 110 VOLT AC MOBILE P.A. SYSTEMS

CO-ORDINATED
Lafayette
SOUND SYSTEMS

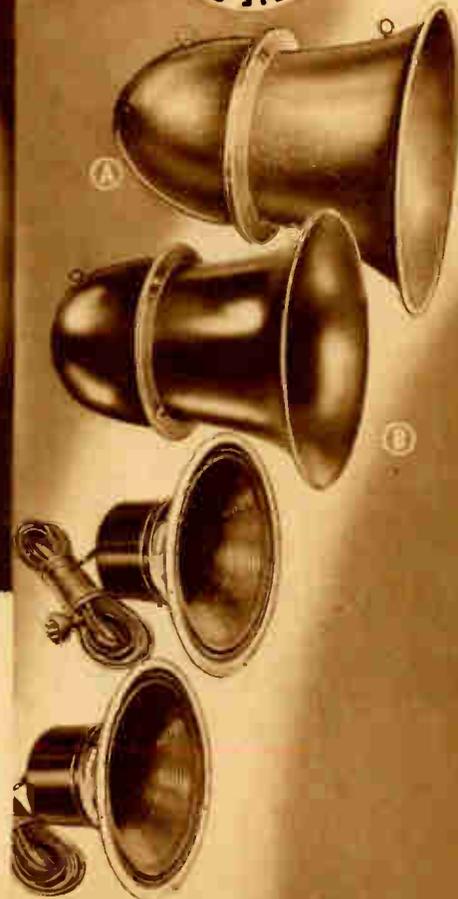
18 TO 24 WATTS



\$33.50

LESS TUBES & PHONO COVER

- FLASH!** A Brand-New Mobile Amplifier Hitting a New Low In Cost
- ★ Every Modern Feature at a "feature" Price
 - ★ High Efficiency—Low Current Consumption
 - ★ Equally Fine Results on Battery or A.C. Current
 - ★ Instantly Convertible—No Changeover Switch
 - ★ Phonograph Unit Cover Optional At Low Cost
 - ★ Three Inputs—Mixing and Fading Controls
 - ★ Stand-By Switch—Full Tone Control
 - ★ Requires No External Power Packs—Compact



- ★ Unexcelled for Average Mobile Requirements
- ★ At Last a Mobile P.A. System at Low Cost

Now Lafayette engineers have perfected new circuits that make for great efficiency when using 6-volt storage batteries so that it is now possible to offer a genuine mobile P.A. amplifier and system at really low cost. Instantly convertible to either type current by merely inserting plug for battery or house current, it offers flexibility and versatility that has never been equaled in its power class in any mobile amplifier.

Three Input Channels — Mixing and Fading Controls
Three input channels are provided for one microphone and two phono players. Complete facilities for mixing and fading the mike channel with either phono. Variable tone control permits adjustment for best acoustical compensation in all locations.

Excellent for Both Indoor and Outdoor Use
An ideal unit for sound trucks, ballyhoo, political rallies, etc., since the amplifier is entirely portable and may be used to continue meetings indoors after attracting crowds outdoors. Amplifier is housed in a modern streamlined cabinet, finished in platinum grey wrinkle with gleaming metal trim. Has push type on-off switches, stand-by switch and pilot lights.

Amplifier Characteristics
Normal output rating on both 6-volts D.C. and 110 volts A.C. is 18 watts, peak rating 24 watts. Db gain on mike, 121, on phono, 71. Three input channels, 1 mike and 2 phono. Hum level below 18 watts is—48 db. Frequency response 50-10,000 c.p.s. Outputs: 2, 4, 8, 16, 250 and 500 ohms. Uses 6 tubes: 1-6J7, 1-6C8G, 1-6F8G, 2-6Y7G and 1-6X5G rectifier. Dimensions: 9½" high, 12½" wide and 10¼" deep.

18 to 24 Watt Standard Mobile Amplifier
MODEL 420-A—Lafayette Standard Mobile Amplifier, less tubes and phono cover, for operation on 6 volts D.C. and 110 volts, 50/60 cycles A.C. with connector plugs and cables. Code, SHORT. **\$33.50**
Shpg. wt. 35 lbs. List Price \$67.00.
YOUR COST.....
MODEL 420-T—Same as above, but with complete set of RCA and Raytheon tubes. **YOUR COST**..... **\$38.11**

Complete Standard Mobile System
MODEL 743-T—Lafayette Standard Mobile System includes: 420-T Amplifier with tubes, less cover; Two 12" P.M. speakers (K-19227); Two Aluminum Dome Baffles, (Type B), (K-20040); 50-ft. rubber covered speaker cable; One Electro-voice Dynamic Hand Mike (K-13736); 20-ft. cable; all plugs, **READY TO OPERATE (NO EXTRAS)** **\$71.95**
Code, RIGHT. Shpg. wt. 78 lbs. List Price \$143.90.
YOUR COST.....

Complete De Luxe Mobile System
MODEL 744-T—Lafayette De Luxe Mobile System; same as above, but with two all-steel armored baffles (K20054), complete with mounting brackets (K20095). Code, ROSTE. Shpg. wt. 105 lbs. **\$77.75**
List Price \$145.50. **YOUR COST**.....

FOR ADDITIONAL MICROPHONE SELECTION SEE "MIKE SELECTION"
Phono Attachment For Above Systems
MODEL 420-MT—Phono Unit Cover includes constant speed 78 r.p.m. motor, 9-inch turntable, Astatic Tangent-Arm Crystal Pickup, as illustrated above. Complete with cables, plug to amplifier. Code, SERVE. Shpg. wt. 15 lbs. List Price \$21.90. **\$10.95**
YOUR COST.....
MODEL 420-DF—Plain cover only..... **\$1.97**

30 TO 40 WATTS

- ★ Lowest Priced Super Power Mobile System
- ★ Simultaneous Operation of Three Input Channels
- ★ Mixing & Fading of Two Mikes and Phono
- ★ Instantly Convertible-No Changeover Switches
- ★ Operates Equally Well 6 V. D.C.—110 V. A.C.
- ★ Phono Unit Optional—No Power Packs
- ★ Provision for Remote Control Operation
- ★ Stand-By Switch—Variable Tone Control
- ★ Special Dialogue Equalizer "Quality" Control

Thanks to Lafayette engineering ability and Lafayette's superior modern production facilities we can now offer this super-power mobile amplifying system for very little more than you'd expect to pay for a single standard 110-volt A.C. system. Operators of sound trucks, political organizations and others who require a high-quality, high-power amplifier operating from a 6-volt storage battery in an automobile, trailer, train or boat will find this system exactly suited to their needs. Simple to install and operate it has an exceptionally low battery drain—AND output ratings are UNQUALIFIEDLY GUARANTEED to be as specified on both 6-volts D.C. and 110-volts A.C.

Complete Mixing and Fading Facilities

The superior amplifier provides for simultaneous operation of three input channels—the two microphones and either of the two phonos. Built-in electronic mixer-fader controls permit blending to any desired degree. Fully variable tone control adjustable to overcome any acoustical differences in various localities—a very valuable feature in mobile operation. Special Dialogue Equalizer control provides for maximum "Quality" tone when amplifying both the singing and speaking voice.

Instantly Convertible to Either Type Current

No changeover switch required for battery or house current. Merely plug in battery plug or 110-volt plug and amplifier is instantly converted for either type current. This absolutely precludes any possibility of costly error by using wrong type of current with switch in wrong position.

MODEL 454-A—30 to 40 watt 6-volt D.C., 110-volt A.C. Mobile amplifier less tubes and cover. Code, SPICE. Shpg. wt. 45 lbs. List Price \$91.50. **\$45.75**

MODEL 454-T—Same as above, with complete set of RCA and Raytheon tubes. YOUR COST **\$54.30**

Optional Phono Attachment or Plain Cover

MODEL 454-MT—Phonograph Unit Cover for systems on this page includes: Heavy-Duty gear-drive constant speed motor (78 r.p.m.); 10-inch turntable; Atatic Tangent-Arm Crystal Pick-up; volume control and push-button on-off switch; all cables and plugs. Mounted on streamlined, platinum grey cover. Code, SMART. Shpg. wt. 20 lbs. List Price \$29.90. YOUR COST **\$14.95**

MODEL 454-DF—Plain Cover only **\$2.46**

AMPLIFIER CHARACTERISTICS

Normal rated output, 30 watts, peak output, 40 watts. Microphone gain, 130 db, phono gain 90 db. Three input channels, two microphone, one phono. Hum level below rated output, minus 48 db. Frequency response 50-10,000 c.p.s. 11 tubes used: 2-6J7, 2-6CG8, 4-6Y7G, 1-6E8, 2-6XSG rectifiers. Provision for remote control operation. Dimensions 10" high, 17" wide, 14" deep.



Remote Control Box and Cable

Provides complete remote operation of any two microphones or phono pick-ups up to 1000 feet from Model 454-A Amplifier. In grey crackle box, 4" x 2 7/8" x 2". Comes complete with 50-ft. of 3-wire cable, and connector plug. Wt. 4 lbs. Model 598-P **\$5.85** Additional..

Microphone Selection For All Systems on Pages 58 and 59

For small additional sum of \$2.55 any sound system listed on these pages may be obtained with floor stand (K-13647) and your choice of: 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Xtal; 4) Shure "Rocket" Xtal; 5) Electro-Voice Velocity; in place of the hand mike normally furnished with these systems. All supplied with 25 ft. of microphone cable.

Should you desire either of 7) Amperite De Luxe Velocity, with Acoustic Compensator, or 6) Electro-Voice De Luxe Dynamic and an all chrome floor stand (K-13528) in place of the hand mike. ADD..... **\$5.90**

NOW! Dual Purpose Mobile Systems Offered AT STANDARD SINGLE SYSTEM PRICES!

Never before in the history of Public-Address has there been a phenomenal offer such as this. This Lafayette 30 to 40 watt Dual Purpose Mobile System can actually be bought for single standard system prices. You can have TWO complete systems for the price of one.

Highest Power Mobile System

Due to improved circuit design this dual convertible system provides high power for every type of sound truck work. Available with a large choice of microphones, at very slight additional cost, and with remote control provision which enables operator to have complete control up to distance as great as one thousand feet from the amplifier itself.

Available With Choice of Baffles

Two systems, Standard and De Luxe, are offered. The standard system is furnished with two aluminum dome baffles, two 12" heavy duty P.M. speakers, standard military-type hand mike, all speaker and mike cables complete ready to operate with no extras. The De Luxe system is furnished with two heavy duty armored steel baffles and mounting fixtures.

Model 755-T—Lafayette 30 to 40 watt Mobile Sound System includes: 454-T Amplifier, complete with tubes, less Phono cover; Two 12-inch Heavy-Duty P.M. speakers (K-19228); Two Standard Aluminum Dome Baffles, Type B, (K-20040); One Shure Military Hand Microphone (K-13703); 100-feet of rubber covered speaker cable; 12-ft. microphone cable; all plugs **READY TO OPERATE (NO EXTRAS).**

Code, RAZOR. Shpg. wt. 98 lbs. List Price \$183.64. **\$91.82**

MODEL 756-T—Lafayette 30 to 40 watt Mobile Sound System; same as above but with Two Armored All-Steel Baffles, Type A, (K20054) with 2 (K-20095) mounting brackets. List Price \$195.20. **\$97.60**

SEE LISTING BELOW FOR ADDITIONAL MICROPHONE SELECTIONS



\$45.75

LESS TUBES & PHONO COVER

30 TO 40 WATT

6 V. DC 110 V. AC

MOBILE SYSTEM



**NO POWER
PACKS REQUIRED**

\$89⁹⁵
LESS TUBES

- ★ **Finest Mobile P.A. System Available Anywhere**
- ★ **All in a Single Case**
- ★ **Operates two Mikes And Phono**
- ★ **"Dialogue" Compensator**
- ★ **Instantly Convertible**
- ★ **All-Steel Carrying Case**

TWO FINE SYSTEMS IN ONE!
You actually get TWO fine systems for the price of one in this Universal 6-Volt D.C. 110-Volt A.C. dual convertible system. Complete in one handsome and sturdy ALL-Metal carrying case is the outstanding amplifier-phonograph of the industry, incorporating such advanced features as: "Dialogue" Compensator, full Mixing-Fading controls; Instantaneous. Has motor-generator supply for 6 volt operation.

INSTANTLY CONVERTIBLE

Less than five seconds converts from battery to house current, making it ideal for political rallies, advertising sound trucks, and rental purposes. Controls, switches and plugs on top of panel. Tubes used: 2-6J7, 2-6C8G, 1-6E6, 4-6Y7G, 1-83.

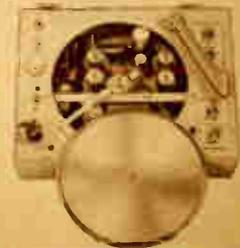
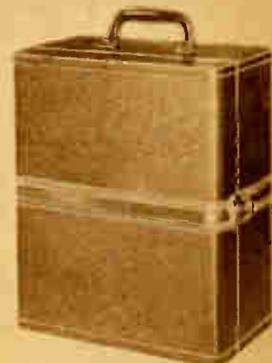
MODEL 458-A—30 to 40 watt Universal Amplifier, less tubes, with built-in phono motor, 12" turntable and speed regulator, Astatic tangent-arm crystal pick-up, in ALL-METAL Carrying Case. Code, SALVO. Shpg. wt. 95 lbs. List Price \$179.90.

YOUR COST **\$89.95**
MODEL 458-T—As above, with RCA-Raytheon tubes. **YOUR COST** **\$97.90**

"Co-ordinated" Sound System
Undoubtedly the world's finest Universal 6 V., D.C.—110 V. A.C. sound system, with all components perfectly matched for finest possible results under all operating conditions. **MODEL 770-T** includes 458-T 30 to 40 watt Amplifier in all-metal carrying case, with tubes; two 12" heavy duty P.M. speakers (K 19228) with 100-ft. Rubber Covered Cable. Two De Luxe All-Steel Dome Baffles (K20073) with Mounting Fixtures. One Shure Crystal Military Hand Mike with 12-ft. cable; built-in phono motor with 12" turntable and speed regulator; Astatic tangent-arm crystal pick-up; all plugs, instructions, etc., **READY TO OPERATE (NO EXTRAS).**

Code, RHINE. Shpg. wt. 130 lbs. List Price \$246.80. **YOUR COST** **\$143.40**

De Luxe System
MODEL 771-T—As above, but with ONE mike from Standard Mike Selection and one (K 13528) all-chrome friction-clutch floor stand, in place of the hand mike. Code, **RAPID**. Shpg. wt. 146 lbs. List \$194.50. **YOUR COST** **\$147.25**



Standard Mike Selection

At no additional cost with System 771-T, your choice of 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Crystal; 4) Shure "Rocket" Crystal; 5) Electro-Voice Velocity, all with 25-ft. cable.

Remote Control Box & Cable

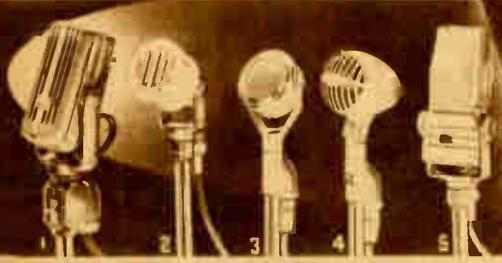
Provides complete remote operation of any two microphone or phonograph pick-ups up to 1000-ft. from Model 458-A Amplifier. Grey crackle box, 4"x2 7/8"x2", comes complete with two mixer controls, 50-ft. of 3-wire cable, and connector plug. Shpg. wt. 4 lbs. **YOUR COST**, Additional, **\$5.85**

Amplifier Characteristics

Output: Normal—30 Peak—40 W.
4 Input Channels: Mike—2 Phono—1
Gain in DB: Mike—130 Phono—90
"Dialogue" Equalizer "Quality"
Control
Hum Level Below 30 Watts: — 48 db
Outputs: 2, 4, 8, 16, 250, and 500
ohms
Frequency Range: 50-10,000 c.p.s.
Provision for Rem. Con. Attachment
Speed Regulator Phono Motor—12"
T.T.
Dim.: 9 1/4" H, 18 1/4" W, 14 1/4" D.
For 110 V: 50/60 cyc. AC—6 V D.C.

Lafayette

20 TO 30 WATT AC-DC AMPLIFIER FOR 120 VOLTS



- ★ Instantly Convertible for AC or DC
- ★ Sound Systems for Fixed or Portable Use
- ★ Dual Mike Input—Mixing and Fading

Whether you travel from place to place with your P.A. system, or rent it in localities having varying type of current, you'll find this full power 20-30 watt A.C.-D.C. amplifier will operate to your entire satisfaction. Instantly convertible to either type of current by merely flipping a switch—that's all. Actually as good as owning TWO Lafayette engineered amplifiers—and at the price of one!

Provision for Remote Control

You may operate this amplifier at any distance up to 1000 ft. from the amplifier by attaching Lafayette's Remote Control Box (see page 39). Excellent for band leaders, stage directors, lecturers and many other uses.

"Beam-Power" Output

Two "beam-power" output tubes are employed to insure maximum output with excellence of tone. Tubes used: 2-12S7, 1-6C8G, 1-6SC7, 2 6L6G, and 1-5V4G. All other facilities are similar to those on the 25-35 watt AC amplifier listed on page 39.

AMPLIFIER CHARACTERISTICS

Output in watts: Normal—20, Peak—30. 4 Input Channels: Mike—2, Phono—2. Gain in DB: Microphone—117, Phono—80. Hum Level below 20 watts:—50 db. Outputs: 2, 4, 8, 16, 250, and 500 ohms. Frequency Response: 50-8,000 c.p.s. Provision for Remote Control Attachment. Field Supply: For 2,500 ohm units. Dimensions: 8 1/4" H, 16 1/2" W, 6" D. For 110-125 volts DC-AC (50/60 cycles).



\$33.50
LESS TUBES & COVER

AC or DC
JUST FLIP A SWITCH

Standard Microphone Selection

At no additional cost with System 745-T, you may have your choice of: 1. Amperite Standard Velocity; 2. Electro-Voice Standard Dynamic; 3. Shure "Swivel" Crystal; 4. Shure "Rocket" Crystal; 5. Electro-Voice Velocity. All are furnished with 25 feet of microphone cable.

MODEL 442-A 20-30 watt AC-DC Amplifier, less tubes and decorative cover. Code, STICH. Shpg. wt. 31 lbs. List Price \$67.00
YOUR COST **\$33.50**

MODEL 442-T Same as above, with set of RCA and Raytheon tubes.
YOUR COST **\$38.95**

MODEL 442-DF Decorative cover only. (K13748).
YOUR COST \$2.10

Complete "Co-ordinated System"

MODEL 745-T Amplifier, complete with tubes and 442-DF cover; Two 12-inch heavy duty dynamic speakers (K19214); Two Wall-Type Fabrikoid Baffles (K20056); 50-ft. rubber covered speaker cable; One microphone (your choice from Standard Microphone Selection above); 25-ft. mike cable; One friction-clutch floor stand (K13647); all plugs, instructions. **READY TO OPERATE (NO EXTRAS)**. Code, RUSTY. Shpg. wt. 95 lbs. List Price \$153.00.
YOUR COST **\$76.50**



PORTABLE MODEL

- ★ Ideal for Traveling Shows, Bands, Lecturers, Etc.
- ★ Amplifier and Speakers Fit into a Single Carrying Case
- ★ 2 11" Auditorium Speakers

This splendid AC-DC portable amplifier and system solves the problem of the traveling orchestra, show, lecturer and demonstrator by providing a unit that operates on either type of current—convertible by flipping a switch. No need to carry converters.

Airplane Luggage Case

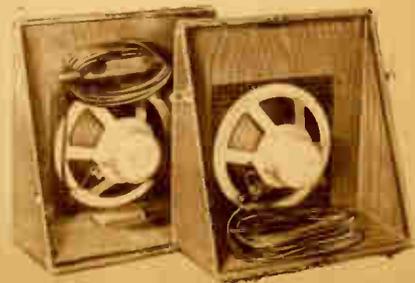
Amplifier and speakers with 50-ft. of rubber covered speaker cable fit snugly into one handsome, airplane luggage carrying case, measuring 17" high, 17" wide and 9" deep. Amplifier slips out of case when in use. Case splits into two halves each containing an 11-inch dynamic speaker. Each speaker has 25-ft. of rubber covered cable. **MODEL 662-A** Lafayette 20-30 watt AC-DC Portable Amplifier with Carrying Case and two 11-inch heavy duty dynamic speakers, with 50-ft. rubber covered speaker cable, less tubes. Code, SUMAC. Wt. 50 lbs. List \$107.94
YOUR COST **\$53.97**

MODEL 662-T Same as above, with set of RCA and Raytheon tubes.
YOUR COST **\$59.42**

Complete Portable System

MODEL 747-T 20-30 watt System Same as above with all tubes, speakers, and one mike (from Standard Mike Selection), one Friction-Clutch Floor Stand (K13647); 25-ft. mike cable; all plugs, instruction. **READY TO OPERATE (NO EXTRAS)**. Code, RANCH. Shpg. wt. 71 lbs. List \$147.90.
YOUR COST **\$73.95**

MODEL 748-T As above, but with Two mikes (from Standard Selection) and Two Floor Stands (K-13647). Code, REGAN. Wt. 88 lbs. List \$177.00.
YOUR COST **\$88.50**



10 TO 14 WATTS PORTABLE SYSTEM

And SPECIAL PHONO-COMBINATION



Most Compact Medium Power Portable System on the Market Available With or Without Special Phono Unit in Single Case

- ★ America's Most Complete Portable
- ★ Case Holds Amplifier, 10" P.M. Speaker, Mike, Stand & Phono Unit

Truly America's most complete P.A. Portable. America's favorite because of its wide applicability. Think of it—a splendid medium power amplifier (see details page 37) contained in a single handsome carrying case that holds the speaker, microphone, 3-purpose stand, all mike and speaker cable AND a complete phono unit including constant speed motor, 9" turntable, Astatic Tangent-Arm Crystal Pickup. Unit has its own on-off switch and volume control.

MODEL 620-A—10 to 14 watt Portable Amplifier includes: 412-A Amplifier, less tubes, in airplane luggage carrying case which contains one 10-inch P.M. speaker; 25-ft. speaker cable; all plugs. Case size: 15 1/4" H, 12" W, 9 1/2" D. (Less 620-MT Phono Unit.) Code, SWARD. Shpg. wt. 27 lbs.

YOUR COST **\$23.19**

MODEL 620-T—Same as above, but with complete set of RCA and Raytheon tubes.

YOUR COST **\$26.04**



Complete Portable System

MODEL 733-T—10 to 14 watt Portable System includes: 620-T Portable complete with tubes, in carrying case as above, containing 10" P.M. speaker; 25-ft. speaker cable; one Lafayette "Tilt-Head" Crystal Mike (K13712); one Three-Purpose Mike Stand (K13352) for description see listing on page 69; 12-ft. mike cable; (less 620-MT Phono Unit). READY TO OPERATE (NO EXTRAS). Code, RIVET.

Shpg. wt. 42 lbs. List Price \$70.50.
YOUR COST **\$35.25**

MODEL 734-T—Same as above, but with choice of one mike (from Standard Mike Selection on page 37); one Friction-Clutch Floor stand (K13647). Code, ROWGH. Shpg. wt. 51 lbs. List Price \$81.10.

YOUR COST **\$40.55**

Optional Phono Attachment

MODEL 620-MT—Phono Unit complete with motor, turntable and Astatic Tangent-Arm Crystal Pickup for insertion in lid of carrying case. Can be added later if desired. Code SOPHY. Wt. 15 lbs.

List Price \$17.90. YOUR COST **\$8.95**

Case Also Sold Separately

K-21928—Case only, as furnished with above portable and system (less phono board). **\$5.65**

15 TO 18 WATTS

Dual Speaker PORTABLE



- ★ Most Compact Dual Speaker Portable
- ★ Complete in Single Case
- ★ Choice of Microphone
- ★ "Beam-Power" Tubes

Here is the most compact dual speaker portable amplifier on the market—priced at a new low in P.A. annals. Amplifier is same as 416-A described on page 38. Features "Beam-Power" output; complete mixer fader controls. Carrying case of handsome Spanish Brown leatherette, airplane luggage style. Contains both speakers and amplifier. Has metal speaker protecting grille. Size: 17" high, 13" wide, 9 3/4" deep.

MODEL 644-A—15-18 watt Portable Amplifier, includes 416-A Amplifier, Carrying case containing 2 10" P.M. speakers, 50-ft. speaker cable. Less tubes. Code, SYLPH. Wt. 38 lbs.

List Price \$66.50. YOUR COST **\$33.25**

MODEL 644-T—As above, with set of RCA and Raytheon tubes.

YOUR COST **\$37.92**

Complete Portable System

Compactness—perfect performance—light weight and dependability are features of this 15-18 watt Portable System. "Beam-Power" output and 10-inch concert speakers make this system unbeatable for the average dance hall, amusement casino, lecture hall, amusement concession, etc. Speakers plug into each other so that greater coverage is possible.

MODEL 741-T—15 to 18 watt Portable System includes: 644-T Portable Amplifier with tubes, in carrying case containing two 10" concert type speakers with 25-ft. of rubber covered speaker cable each; one Lafayette "Tilt Head" Crystal Mike (K13712); one 10" to 15" Banquet Stand (K13354); 12-ft. of mike cable; all plugs, instructions. READY TO OPERATE (NO EXTRAS). Code, RUGBY. Shpg. wt. 52 lbs. List Price, \$93.90.

YOUR COST **\$46.95**

MODEL 742-T—Same as above, but with one Mike (your choice from Standard Mike Selection on page 39); one Friction Clutch Floor Stand (K13647).

YOUR COST **\$52.45**

25 TO 35 WATT PORTABLE

- ★ Most Compact High Power Portable
- ★ Single Carrying Case, Dual Speakers
- ★ Simultaneous Operation of Two Mikes
- ★ Combines Portability—Compactness—Power—Low Cost
- ★ Airplane Luggage Type Carrying Case—Modern Design



Standard Microphone Selection

At no additional cost, with systems 753-T, and 754-T: 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Crystal; 4) Shure "Rocket" Crystal; 5) Electro-Voice Velocity. All microphones are furnished with 25-ft. Mike cable.

Complete Sound Systems

MODEL 752-T—25 to 35 watt Portable Sound System includes Model 671-T—as listed at right, plus One Lafayette "Tilt Head" Crystal Microphone K-13712, and one banquet stand, 10" to 15" (K-13353); 25-ft. mike cable; all plugs, instructions. **READY TO OPERATE. (NO EXTRAS). Code, ROUTE. Wt. 58 lbs. List \$111.90. YOUR COST**

\$55.95

MODEL 753-T—Same as above, but with choice of One Microphone from Standard selection and floor stand (K-13647). In place of banquet stand and Lafayette Microphone.

\$61.35

MODEL 754-T—Same as above, but with two mikes (from standard mike selection) and two floor stands (K-13647).

\$75.85

★ Employs New Super-Value Three Channel Amplifier

Always one of the most popular models in the Lafayette line of P.A. portables, this brand new 25 to 35 watt portable, bids fair to exceed its former popularity because of its many circuit improvements, new handsome appearance, and most important of all—its super-low price. Lafayette's proud boast of "More Watts Per Dollar" than any competitive line is fully borne out in this new system.

Features Model 440-Amplifier

The new Model 440-A Amplifier (fully described and specified on page 53) forms this new Portable system. Featuring dual "Beam-power" output, it supplies more than ample volume for orchestra work, lecturers, demonstrators, and skitlike work. For the first time simultaneous operation of two mikes is provided in a portable of this type. Everything—dual speakers, amplifier, cables, fits into one airplane luggage hand-some carrying case.

MODEL 671-A—25-35 watt Portable Amplifying System includes: 440-A Amplifier, less tubes, housed in airplane luggage carrying case, containing two 11-inch concert dynamic speakers, 50-ft. rubber covered speaker cable, and plugs. Code, STAMP. Shpg. wt. 46 lbs.

\$41.50

MODEL 671-T—Same as above, but with set of RCA and Raytheon tubes.

\$46.79

Case Also Sold Separately
K-22063—Carrying case only, as furnished with above system.....

\$7.48

La Fayette PORTABLE TRANSCRIPTION RECORD PLAYERS



DeLuxe Model With Built-In Amplifier and Speaker

- ★ For 110 Volts A.C. or D.C.
- ★ Plays Records Up to 17¼"
- ★ 2-Speed Motor, 78 & 33⅓ R.P.M.
- ★ **ASTATIC** Crystal Pick-Up
- ★ 10" **Hi-Fidelity P.M. Speaker**

This deluxe outfit has been designed to meet all transcription record-playing requirements. It is ideal for traveling demonstrators, for "canned" sales talks and numerous other applications. The assembly comprises motor and pick-up plus a wide range power amplifier and speaker housed in a single easily portable carrying case. 24¼" w., 17¼" d., 13" h.

MOTOR: Special heavy duty transcription type with 16" balanced and weighted turntable. **TWO-SPEED, 78 and 33⅓ r.p.m.**
PICK-UP: Astatic high-fidelity crystal pick-up with 12" arm. Plays records up to 17¼".
AMPLIFIER: Employs 1-12SC7, 2-35L6GT "Beam-Power" tubes in a push-pull output stage, 1-35Z5GT rectifier. Power output: normal 2½ watts; peak 4 watts. Hum level below 2½ watts is minus 62 db. Gain 60 db. Range ±½ db. from 20 to 7000 c.p.s.
SPEAKER: 10" high-fidelity P.M. unit with Alnico magnet. Has 25-ft. cable with Amphenol plug connector. Mounted in lid of case, which acts as an **INFINITE Baffle**.
OTHER FEATURES: built-in volume control; "on-off" switch; tone control; speed regulator. Case covered in Spanish Brown leatherette with leather corner re-enforcements.
K-21978—DeLuxe Transcription Player with built-in amplifier and speaker. Complete with tubes. For 110 volts a.c. or d.c. Shpg. wt. 42 lbs. List \$149.00.
YOUR COST.....

\$74.50

Standard Model

The finest portable transcription record player available today. Designed to play records up to 17¼" in diameter. The unit comprises a special heavy-duty transcription motor, crystal pick-up, volume control, switch, speed regulator and record carrier all mounted in an attractive, sturdy carrying case covered in Spanish Brown leatherette. The motor is accurately balanced and is provided with a special weighted 16" turntable. Motor is governor controlled, with speed-regulator on panel. Two-speed, 78 or 33⅓ r.p.m. The Crystal Pick-Up with 12" arm affords true high fidelity frequency coverage. Volume control and separate push-type "on-off" switch on panel. Pick-up arm rest holds arm securely while outfit is being transported. Heavy plywood case with leatherette covering measures 23" w., 18" d., 7½" h. For 110 volts, 60 cycles a.c. Shpg. wt. 38 lbs.
K22008—List \$89.90. **YOUR COST.....**

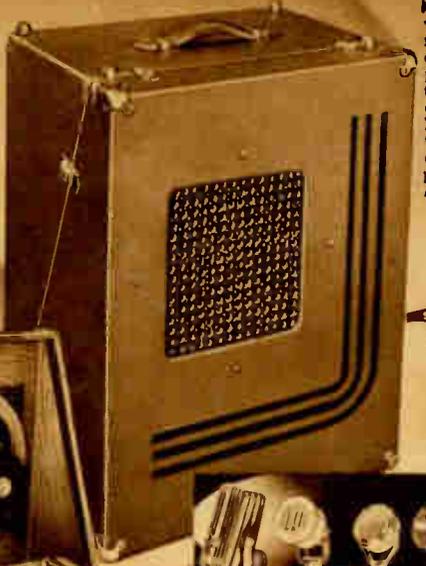
\$44.95



Lafayette

30 TO 40 WATT

PORTABLE



Remote Control Box and Cable
MODEL 598-P — Provides complete remote operation of any two mikes or phono pick-ups up to 1000 ft. from model 680 — Portable. Has two mixer controls, 50-ft. 3 wire cable, connector plug. Shpg. wt. 4 lbs. **ADDITIONAL \$5.85**



Standard Microphone Selection
 At no additional cost with System 760-T, your choice of: 1) Amperite Standard Velocity; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Crystal; 4) Shure "Rocket" Crystal; 5) Electro-Voice Velocity. All supplied with 25 feet of cable.

- ★ Most Powerful Single Case Portable
- ★ Provision for Carrying Amplifier, Speaker, Mike & Stand in One Modern Luggage Case
- ★ Excellent For Traveling Orchestras
- ★ Large 12" Auditorium Type Speakers
- ★ Provision for Remote Control
- ★ Complete System with Choice of Mike

An ideal unit for traveling orchestras, this single case 30-40 watt portable includes the Amplifier described on page 54, a sturdy Spanish Brown leatherette carrying case smartly finished. The case houses two excellent 12" Dynamic speakers each using half sections of the case as a baffle. Amplifier unit slips out of case when in use. Uses any modern type crystal microphone. May be remotely controlled by using unit described above. Will supply ample volume for large ballrooms, auditoriums, banquet halls, etc. Built-in mixer-fader permits mixing two mikes and either phono channel or vice versa. Case house's all components—easily transported.

30-40 Watt Portable Amplifier

MODEL 680-A—Portable includes: One 452-T Amplifier complete with cabinet (For Amplifier characteristics and description see page 54), less tubes; One Spanish Brown leatherette carrying case (size: 22" H, 19" W, 14" D) containing Two Heavy-Duty 12-inch Dynamic Speakers; 100 ft. rubber covered speaker cable; all plugs, instructions, etc. Code, SPASM.
 Shpg. wt. 65 lbs. List Price \$121.70. **\$60.85**
YOUR COST, including case

MODEL 680-T—Same as above, but with set of RCA and Raytheon tubes.
 Shpg. wt. 85 lbs. List Price \$159.90. **\$66.03**
YOUR COST

Complete Portable Sound System

MODEL 760-T—Portable 30-40 watt System same as Model 680-T, plus: one Microphone (your choice from Standard Mike Selection); one adjustable Banquet Mike Stand (18"-33" ext. K13354); 25 ft. mike cable; all plugs, instructions, etc. **READY TO OPERATE (NO EXTRAS)**. Code, REBEL.
 Shpg. wt. 85 lbs. List Price \$159.90. **\$79.95**
YOUR COST, including case

Case Also Sold Separately **\$9.95**
 Case only, as furnished with above system.....

CONVERT YOUR PRESENT P.A. SYSTEM INTO A PORTABLE

Modern Streamlined Dual Speaker Case

This is an exceptionally well-built and fine appearing two-speaker carrying case. The price is unusually low for a unit of its calibre. Will house two speakers having diameters up to 12", and afford excellent reproduction due to efficient design of baffles. Made of extra heavy plywood, with overall covering of Spanish brown leatherette having contrasting stripes of deep brown. Inclined baffles have speaker openings 10" in diameter, with steel grills to give complete speaker protection. Openings in top of baffle boards permit carrying speaker cables. Construction is such that the speakers are arranged to give perfect balance, thus making it easy to transport. Leather bumpers provided on all corners. Equipped with brass hardware and sturdy leather carrying handle. Case opens into two equal halves; brass snap locks hold the two units together firmly to make a solid portable case. Size, when closed: 14" W x 16" H x 12 1/2" D. Shpg. wt. 20 lbs. **K-22067—List \$15.90. \$7.95**
YOUR COST. Special.....



Single and Dual Speaker Cases

Single Speaker Case. Illustrated above, Designed to house any dynamic speaker up to 12" in diameter. Case made of sturdy plywood, black leatherette covered. Speaker opening 10", covered by a grille cloth and protected by wire mesh. Has a leather carrying handle and metal bumpers, and an insert type door on back. Dimensions are: 14 x 14 1/4 x 9 1/4". Wt. 13 lbs. **K-22061—List Price \$7.50. \$2.95**
YOUR COST.....

Dual Speaker Case

Illustrated at left. Houses two speakers having diameters up to 12 inches—in a manner that conserves space and lends itself to compactness and portability. Case opens into two halves, as shown, each serving as an efficient baffle for its respective speaker. Made of plywood and covered with black leatherette. Has leather carrying handle and metal bumpers top and bottom, plus four nickel plated snap locks. Speaker openings in each side covered with grille cloth and wire mesh. Dimensions (closed): 9"x14 1/4"x22 1/4". Shpg. wt. 13 lbs. **K-22062—List \$12.50. \$4.95**
YOUR COST.....



All Portable Cases Available

In addition to the portable cases above, all carrying cases supplied with Lafayette portable amplifiers and systems may be purchased separately. Prices for these cases are listed in every case along with the systems. When ordering please specify model number of carrying case desired.



30-40 WATT 5 CHANNEL

- ★ Especially Designed For Orchestras Requiring Multi-Microphone Operation and Control
- ★ Operating Facilities For Five Microphones
- ★ De Luxe Inclined Infinite Type Baffle
- ★ Amplifier Housed in Separate Carrying Case
- ★ Mike and Stand Fit in Speaker Case
- ★ Two 12-Inch Auditorium P.M. Speakers
- ★ Modern Design—Colorful—Attractive
- ★ Presents the Finest in P.A. Portables

Employs Lafayette Musician's 5-channel amplifier (fully described on page 57). A portable system any "Name" band would be proud to own yet priced for the average unit's pocket-book. Has "High-Low" Equalization "Quality" control. Seven input channels are provided—for 5 microphones and 2 phonos. This permits amazing flexibility to band leaders who may thus have a mike for soloists as well as placing others in string sections, reed choirs, etc. Housed in two fine carrying cases for convenience in transportation.

MODEL 681-A—Complete 30 to 40 watt 5-Channel Lafayette Amplifying System includes: 453-A Amplifier with cover, less tubes, in airplane luggage carrying case, size: 12½" H, 19" W, 12¾" D; Two 12-inch P.M. speakers contained in single airplane luggage carrying case, size: 19" H, 15" W, 14" D; 100-ft. rubber covered speaker cable, and connector plugs. Code, SNOZE. Shpg. wt. 120 lbs. List Price \$169.00.

\$84.50

YOUR COST
MODEL 681-T—Same as above, complete with set of RCA and Raytheon tubes. **YOUR COST** **\$95.47**

Complete 30 to 40 Watt 5-Channel Sound System
MODEL 765-T—Same as Model 681-T, but with One microphone (your choice from Standard Mike Selection); one 3-Section collapsible mike stand, extends 17" to 66" (K13430); 25-ft. mike cable; all plugs, instructions. **READY TO OPERATE** (NO EXTRAS). Code, REDAN. Shpg. wt. 135 lbs. List Price \$218.90. **YOUR COST** **\$109.45**

For additional mikes (from standard selection) up to 4, and all chrome floor stand (K13528). Per Mike and Stand. \$15.90
 K21937—Carrying case, as furnished with amplifier, also sold separately. **YOUR COST** \$7.25
 K21932—Carrying case, as furnished with speakers, also sold separately. **YOUR COST** \$10.75

De Luxe DUAL-CASE Portables



Standard Mike Selections
 At no additional cost, with systems 765-T, 781-T, and 782-T, your choice of:
 1) Amperite Standard Dynamic; 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Crystal; 4) Shure "Rocket" Crystal; 5) Electro-Voice Velocity. All furnished with 25-foot of microphone cable and connector-plugs.

40-60 WATT MODEL

- ★ Super Portable for Conventions, Political Rallies, Armories, Traveling Trade Shows
- ★ Ample Coverage for the Largest Installations
- ★ Available with 2 or 4 12-Inch P. M. Speakers
- ★ Provisions for Four Mikes and Two Phonos
- ★ All Components Contained in Carrying Cases
- ★ Ultra-Modern Design—Colorful—Attractive

This 40-60 watt Sound System is built around Lafayette Engineers' amazing new "Broadcast Studio Panel Control" Amplifier, replete with every modern feature known to P.A. science. Available in attractive airplane luggage carrying case with matching case containing two heavy-duty 12" P.M. speakers, with infinite type sloping baffles. Excellent for every large installation. Available with two or four speakers. Complete description of this amplifier and its many applications will be found on page 55.

MODEL 690-A—Lafayette 40 to 60 watt Amplifying System includes: 480-A Amplifier complete with cabinet, less tubes and volume indicator meter, in airplane luggage carrying case, size: 12½" H, 19" W, 12¾" D; Two 12-inch heavy duty P.M. speakers contained in single airplane luggage carrying case, size: 19" H, 15" W, 14" D; 100-ft. rubber covered speaker cable and connector plugs. Code, SQUAD. Shpg. wt. 125 lbs. List Price \$183.90. **YOUR COST** **\$91.95**

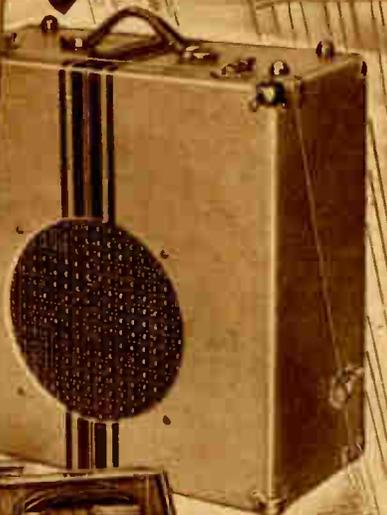
MODEL 690-T—Same as above, but with set of RCA and Raytheon tubes. **YOUR COST** **\$101.75**
MODEL 599-P—Volume Indicator Meter, only. **\$4.50**

Complete 40-60 Watt 4 Channel Sound Systems
MODEL 781-T—Same as Model 690-T—but with One microphone (your choice from Standard Mike Selection); one 3-Section collapsible floor stand, extends 17" to 66" (K13430); 25-ft. mike cable; all plugs, instructions. **READY TO OPERATE (NO EXTRAS)**. Code, RIVER. Shpg. wt. 140 lbs. List Price \$236.30. **YOUR COST** **\$118.15**

MODEL 782-T—Same as above, but with Four speakers contained in Two carrying cases. Shpg. wt. 195 lbs. List Price \$301.00. **YOUR COST** **\$150.50**
 For additional mikes (from Standard Selection) up to 3, with all-chrome Floor Stand (K-13528). **ADD, Per Mike and Stand** \$15.90

99 *Lafayette* CO-ORDINATED

20 TO 30 WATT THEATRE SYSTEM



- ★ Facilities for Dual Projector Operation
- ★ Equally Efficient for 16 MM—35MM
- ★ Beam-Power Tubes—Built-In Equalizer
- ★ Photo-Cell and Exciter Lamp Voltage

Provides higher fidelity reproduction for modern sound film, supplying quality equal to that in finest movie houses. Very easy to install and operate; simple changeover switch for use with either projector. Has one master volume control and one equalizer control. Variable equalization compensates for film variation in high frequency when used with 16 mm. film. "Beam-power" output for ample volume, minus distortion. Tubes: 2-12SJ7, 1-6SC7, 2-6L6G, and 5X4G rectifier. Finished in platinum gray wrinkle, chrome handle and band, Ivory knobs. MODEL 447-A—20-30 watt Theatre Amplifier, with two 10-ft. photocell cables and plugs, less tubes and cover. Code, SINON. Shpg. wt. 30 lbs.

\$29.95

YOUR COST

- MODEL 447-T—Same as above but with set of RCA & Raytheon tubes. **YOUR COST \$34.19**
- MODEL 447-DF—Decorative Cover only. **YOUR COST \$2.10**

AMPLIFIER CHARACTERISTICS

Output in Watts: Normal—20; Peak—30. Three Inputs: 2 Photo-Cells; 1 Microphone or Phono; Gain in DB: Photo-Cell—128; Phono—86. Hum Level Below 20 Watt: —55 db. Equalization 12 db at 7000 cycles. Field Supply: 20 watts for two 2500 ohm units. Output Impedances: 2, 4, 8, 16, 250, 500 Ohms. A.C. Voltage supply for 8.5 and 10.0 exciter lamps. Frequency Response: 50-10,000 c.p.s. For 105-115 and 115-125 volts 50/60 cycles A.C. Dimensions: 8 1/4" H, 16 1/2" W, 6" D.

\$29.95

**AMPLIFIER ONLY
LESS TUBES & COVER**

- ★ Sound-On-Film Amplifier System for Theatres, Schools, Churches, Resorts, Showrooms, Camps
- ★ Everything Contained in One Unit—Compact
- ★ Ample Coverage for Audiences up to 2,000
- ★ 11-Inch Dynamic Speakers—Tone Control

This complete theatre system is especially designed for use in schools, churches, summer resorts, showrooms, traveling demonstrators and lecturers wishing to use both 16 mm. and 35 mm. sound on film projectors. Completely contained in one sturdy, airplane luggage type carrying case it forms an ideal unit for both permanent and temporary installations.

Input Jack for Microphone Operation

Three input channels are provided, two for photo-cell operation and one for microphone. A simple changeover switch permits instantaneous selection of either projector when dual projectors are in use. Amplifier slips out of carrying case when in use; the two speakers may be placed up to twenty-five feet from the amplifier when in use.

"Beam-Power" Tubes—Tone Control

The use of a pair of "Beam-Power" tubes in push-pull output provide ample volume to cover an audience of up to 2,000. A fully variable tone control permits adjustment to compensate for acoustical variations.

Exciter Lamp Voltage Provided

Exciter lamp voltage for both the 8.5 and 10.0 volt lamps is supplied as well as voltage for the photo-cells themselves. A microphone jack is also provided for use with any modern type mike. Dual line fuse permits operation from either 105-115 or 115-125 volts 50/60 cycles a.c.

Complete Portable Theatre Sound System

MODEL 665-T—Lafayette 20 to 30 watt Portable Theatre Sound System includes: 447-T Amplifier complete with tubes less Decorative Cover; Airplane Luggage Carrying Case containing two 11-inch Dynamic Speakers; 50 ft. rubber covered speaker cable and two 10-ft. photocell cables; all plugs and instructions. **READY TO OPERATE (NO EXTRAS)**. Case size: 18 1/2" H., 18" W., 10" D. Code, SKIRT.

Shpg. wt. 51 lbs. List Price \$109.32.

YOUR COST

\$54.66

Suitable microphones for use with the 20-30 watt Theatre Amplifier and System will be found listed on pages 75, 76 and 77.



WORLD'S FINEST EQUIPMENT FOR RECORDING, BROADCASTING, Etc.

- Complete Facilities For Any Sound Need
- Highest Fidelity Transformers Throughout
- Beautiful Gray Duo-Tone With Red Trim

No time or effort was spared to make this the world's finest amplifying equipment. Months of research were spent to make it the "tops" in every respect.

This equipment was especially designed for professional use in recording studios, theatres, broadcast studios, etc., where only the best in both workmanship and performance is good enough. It is unusually flexible in that each major function has been made up as a separate unit.

Mixing:—This function has been incorporated into a single panel of five channels. One or more of these panels may be used as desired. Actual mixing accomplished electronically.

Pre-Amplification:—Individual pre-amplification stages are available. Three of these can be mounted on a single panel.

Equalization:—A single unit controls both high and low frequency equalization with an individual control for each.

Power Amplification:—A specially designed high fidelity power stage is available. An excellent unit for recording purposes. Conservatively rated at 12 watts.

Power Supply:—Both standard and de-luxe model power supplies, unusually well filtered, are available for furnishing current to all amplifying and mixing stages.

Monitoring:—A monitoring Panel is equipped with a meter and control providing an actual visual check on output values as high as +48 db. (From .0006 to 380 watts.)

A specially designed steel case to house these units is available in two sizes. The completed units are extremely attractive. Case and panels are finished in two tones of gray with red trim.

MODEL 192-P—Case only, with 26 1/4" Panel Space. 28"x20 1/2"x13 1/2". Shpg. wt. 47 lbs. **YOUR COST \$14.25**

MODEL 193-P—Case only, with 10 1/2" Panel Space. 12 1/4"x20 1/2"x13 1/2". Wt. 25 lbs. **YOUR COST \$9.95**

Blank Panels for fill-in purposes available.

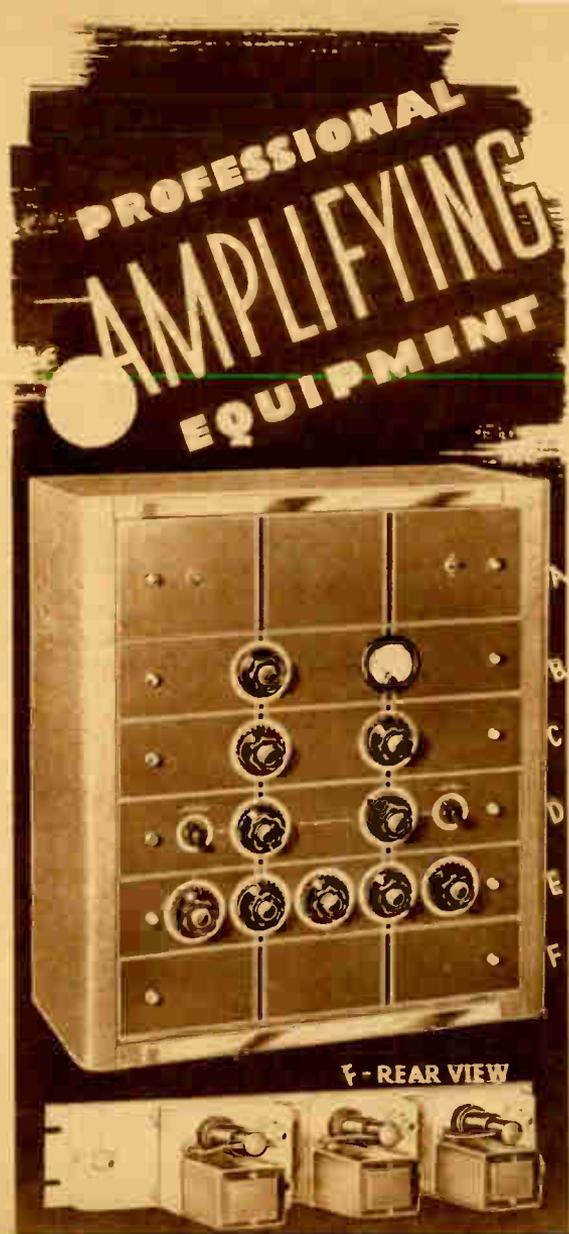
INDIVIDUAL UNITS

(B) Monitor Panel with db Meter—Provides complete visual control of output. Incorporates 2" db meter with high return damping so that more accurate peak values can be read. Input to monitor for 500 ohm line. Meter calibrated from -10 to +6 db, and the 15 position tap switch controlled from the panel permits readings up to -48 db. Switch calibrated in 3 db steps. Minimum bridging impedance 5000 ohms. Chassis 3 3/8"x19"x3" mounted on panel 3 1/2"x19". Shpg. wt. 10 lbs. **\$41.95**

MODEL 146-P—List \$83.90. **YOUR COST**

(E) 5 Channel High Fidelity Mixer—Specially designed unit that affords greater attenuation with smoother control of action—no steps of any kind. Far superior to "T" or "H" pad mixers. Wide range of input impedances permits use with various high level devices such as close talking crystal mikes, transcription pickups, etc., and a special network in the output circuit eliminates any volume range compression or linear distortion. Five channels each have an input impedance of 500,000 ohms. Output impedances available are 50, 125, 250, 333 and 500 ohms. Balanced line output operates directly into Nemo (remote control) line. Maximum output level 0 db; maximum input 100 volts; gain 37 db each channel; frequency response: ±.8 db from 40 to 10,000 c.p.s. Tubes used: 6-6J7's. Power requirements: 6 volts at 1.8 amps.; 180-350 volts at 15 ma. Chassis 3 3/8"x19"x6 1/4" mounted on rack panel 3 1/2"x19". Shielded plugs for input and output.

MODEL 182-T—5 Channel Mixer. With tubes. **\$35.70**
List \$71.40. Shpg. wt. 20 lbs. **YOUR COST**



(A) Hum-Free Power Supplies—De Luxe Model incorporates a special power transformer housed in a cast iron shielded case a three section filter choke circuit and a total of 72 mfd. of capacity. Resultant output has an amazingly low ripple content. Input for 110-125 volts, 50/60 cycles a.c. Output: 360 volts d.c. at 160 ma. maximum; 6 volts a.c. at 4 amps., and 6 volts at 6 amps. Employs 5X4G rectifier tube. Will supply power to one 12 watt amplifier, 12 individual pre-amplifier, and two mixer panels (10 channels) OR to one 12 watt amplifier, four mixer panels and six individual pre-amplifiers. Has pilot light, "on-off" switch and fuse. Chassis 5 1/8"x19"x7 1/2" on 5 1/4"x19" rack panel. Shipping wt. 25 lbs. **\$28.25**

MODEL 195-T—List \$56.50. **YOUR COST**. With tube. **\$28.25**
Standard Model—similar to above but employs 5Y3G rectifier and furnishes 6 volts at 4 amps. and 300 volts at 65 ma. Sufficient for 2 mixers and 12 pre-amplifiers or 1 mixer and 6 pre-amplifiers. Has 32 mfd. in filter circuit. Chassis 3 3/8"x19"x8 1/4". On 3 1/2"x19" panel. **\$17.50**

MODEL 194-T—List \$35.00. **YOUR COST**. With tube. **\$17.50**
(C) 12-Watt High Fidelity Power Stage—Designed primarily for recording purposes. Special triple magnetic shielded transformers. Power output 12 watts normal—22 watts peak. Harmonic content at 12 watts only 2.5%. Hum level—31 db. below zero level, —63 db. from 12 watts. Output impedance: 1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125, 200, 250, 333, and 500 ohms balanced line. Input impedances: 50, 125, 250, 333 and 500 ohms balanced line. Maximum input level is zero db. Circuit employs 2-6C8G and 2-6L6G's. P.P. feed back circuit reduces wave form distortion, extends frequency range and reduces source impedance to 1/3 of load impedance. Two controls are provided—a master gain control and a special three position output switch. In first position (normal) the output is connected to a speaker, and to the monitor panel; in second position—speaker, monitor and 78 r.p.m. cutting head are connected; in third position which is for 33 1/3 r.p.m. the monitor speaker, cutting head and a fixed low frequency attenuator to prevent overcutting at the slower speed are connected. Five shielded plugs furnished. Chassis size: 3 3/8"x19"x8 1/4" mounted on 3 1/2"x19" panel. Shpg. wt. 32 lbs.

MODEL 191-T—Power stage with tubes. **YOUR COST \$55.70**

(D) Full Range Equalizer—Combined low and high frequency equalizer. Each range has its individual tap switch frequency range selector and degree of equalization control. Low frequency selector has taps at 25, 50 and 100 cycles; high frequency selector at 4000, 6000, 8000 and 10,000 cycles. Each range incorporates specially designed filter coils that are triple magnetic shielded insuring minimum hum pickup. Input and output impedance 500 ohms. Minimum insertion loss 2 db; maximum (with controls full on) 53 db. Maximum equalization at 25, 50 or 100 cycles is 28 db; at 4000, 6000, 8000 or 10,000 cycles is 25 db. Chassis 3 3/8"x19"x8 1/4" mounted on 3 1/2"x19" panel. Shpg. wt. 25 lbs. **\$85.00**

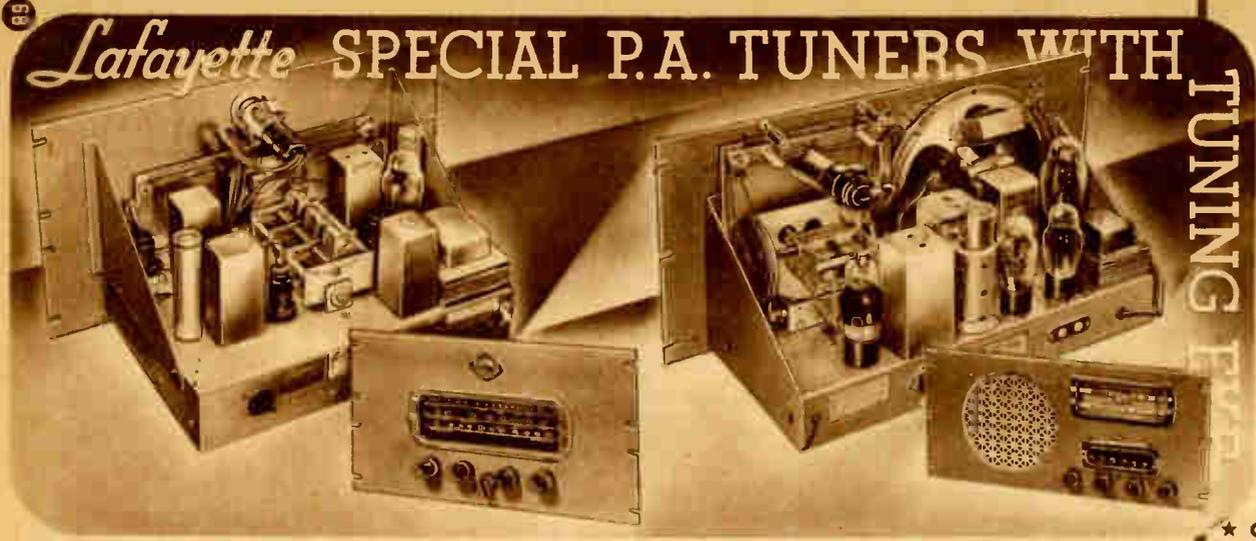
MODEL 188-P—List \$170.00. **YOUR COST**
(F) Wide Range Pre-Amplifiers—Compact high-fidelity units capable of extremely faithful reproduction of all frequencies in the audible range. A 6J7 tube provides an overall gain of 35 db. Frequency response: Low Impedance model ±1/2 db from 50 to 10,000 c.p.s.; High Impedance model ±1/2 db from 30 to 15,000 c.p.s. Maximum input level both models: —45 db maximum output 50 volts. Input impedances: low impedance model 50, 125, 250, 333, 500 ohms; high impedance model 15 megohms. Low impedance model employs a new triple magnetic shielded input transformer. High impedance model feeds direct to grid. Power requirements both models: 6 volts a.c. or d.c. at 3 amps., and 180-350 volts d.c. at 3 ma. Chassis 3 3/8"x4 3/4"x4" (3 can be mounted on a single rack panel). With Amphenol Plugs.

MODEL 168-TL—Low Impedance Model with tube. **\$18.50**
List \$37.00. Shpg. wt. 8 lbs. **YOUR COST**

MODEL 168-TH—High Impedance Model with tube. **\$7.50**
List \$15.00. Shpg. wt. 4 lbs. **YOUR COST**

Rack Panel and Chassis—Accommodates up to 3 pre-amplifiers. Has chassis with shielded plug for input connections. Panel 3 1/2"x19", with chassis 3 3/8"x19"x1". Panel is removable. **\$9.35**
MODEL 167-P—(Wt. 5 lbs.) List \$19.50. **YOUR COST**

No Finer Sound Equipment At Any Price



TUNING RANGE

RECORD PLAYERS FOR P.A. SYSTEMS



"Economy" Wide-Range Record Player

- ★ Outer Drive Constant Speed (78 R.P.M.) Motor
- ★ ASTATIC High Impedance Crystal Pick-Up

An excellent portable phonograph record player that has been designed for use in high quality P.A. installations or with radio receivers. Incorporates a deluxe outer-drive constant speed 78 r.p.m. motor provided with a 9" felt-covered turntable. Plays 10" or 12" records (with lid closed). A tangent head Astatic crystal pick-up (high impedance) reproduces an extremely wide range of tones. Has built-in volume control and separate push-type "on-off" switch. Sturdy plywood case has neat Spanish Brown covering (top removable). Size: 15" w., 13" d., 7 1/8" h. For 110 volts, 60 cycles a.c. Complete with 4-ft. shielded lead.

Shpg. wt. 22 lbs.
K21880—YOUR COST **\$10.95**
 Same as above, but with G.L. gear drive constant speed motor and 10" turntable.
K21881—YOUR COST **\$12.95**
K21944—CASE ONLY. YOUR COST \$3.50

"DeLuxe" High Fidelity Portables

- ★ Governor Controlled Motor With Speed Regulator
- ★ SHURE "Zephyr" High-Fidelity Crystal Pick-Up

(Illustrated above) Designed to provide true high-fidelity reproduction. Furnished with Shure "Zephyr" crystal pick-up, combined automatic stop, and "on-off" switch, speed regulator and built-in volume control. Housed in heavy duty plywood case with Spanish Brown covering, brass hardware; top is removable. All motors are governor controlled and have 12" turntable. Play 10" or 12" records (with lid closed). With 4 ft. shielded lead. Size: 15" w. x 13" d. x 7 1/8" h. Shpg. wt. 28 lbs.
K22000—With Garrard single-speed motor (78 r.p.m.).
 For 110 volts, 60 cycles a.c.
YOUR COST **\$18.40**
K22001—With Green Flyer two-speed motor (78 and 33 1/2 r.p.m.) For 110 volts, 60 cycles a.c.
YOUR COST **\$22.50**
K22002—With Garrard single speed motor (78 r.p.m.)
 for 110 volts A.C. or D.C.
YOUR COST **\$25.65**

YOUR COST **\$4.75**
K21933—Case Only Available—YOUR COST \$4.75

DeLuxe 7-Tube High Fidelity Model

Standard 7-Tube Push-Button Model

- ★ The Finest P.A. Tuner Obtainable
- ★ 3 Tuning Bands—528 Kc. to 22 Mc.
- ★ Variable Band Width Switch On Panel
- ★ Output Impedances 150,000 and 500 Ohms
- ★ Self-Powered—Use With Any P.A. Amplifier
- ★ Available for Rack or Cabinet Mounting

This newly designed P.A. tuner provides maximum sensitivity and selectivity. Seven tubes are used in the superheterodyne circuit, including 1-6J7, 1-6K7, 1-6H6, 2-6C5's, 1-5Y3G and 1-6G5 cathode ray "eye" tuning indicator. A variable band-width switch permits instant selection of "sharp" or "broad" tuning. In the "sharp" position, selectivity is best (all tuning should be done in this position). In the "broad" position, the range of the tuner is greatly increased so that high fidelity reception is obtained.

Three tuning bands cover from 528 kc. to 22 mc. as follows: broadcast band from 528 to 1830 kc.; amateur band from 1.81 to 6.35 mc.; short-wave band from 6.3 to 22 mc. A full vision, illuminated slide rule dial is used; each band is individually calibrated. Band selector switch on panel. Cathode Ray "eye" permits accurate visual station tuning.

The unit is self-powered, and can be used with any P.A. amplifier. The power transformer is tapped for 110 or 220 volt, 60 cycle operation. Output impedances are 150,000 ohms or 500 ohms. Other features include: full-range tone control; powerful automatic volume control action; oversized components for long-life service; 3-gang condenser; shielded circuits.

MODEL 1032-T—Lafayette 3-Band Superhet Tuner with panel for 19" rack mounting. Platinum gray wrinkle finish. Complete with tubes. For 110/220 volts, 50/60 cycles a.c. Size: 19" wide, 10 1/2" high, 8 3/4" deep. Shpg. wt. 28 lbs. Code SCALD. **\$48.95**

MODEL 1031-T—As above, but chassis only, less panel. For cabinet mounting. With tubes 13x10 1/2 x 8 3/4". Shpg. wt. 23 lbs. Code SKILL. **YOUR COST** **\$44.95**

- ★ Built-in 8" Monitor Speaker
- ★ 2-Tuning Bands—540 Kc. to 24 Mc.
- ★ Built-In Monitor Bridging Amplifier
- ★ Self-Contained Power Supply
- ★ Output Impedances 50,000 and 500 Ohms
- ★ Available for Rack or Cabinet Mounting

This unique P.A. tuner provides an unusually wide range of operating facilities. It incorporates an 8" dynamic monitoring speaker, so arranged that you can monitor the output of the tuner, or it can be made to monitor the output of the final amplifier to which the tuner is connected. The efficient superheterodyne circuit employs the following seven tubes: 1-6A7, 1-6D6, 1-75, 1-76, 1-6AC5G, 1-80 and 1-6US cathode ray "eye" tube for visual station tuning. Two tuning bands are provided, covering the broadcast range from 540 to 1740 kc. and the short-wave band from 5.9 to 24 mc. The illuminated slide-rule dial has each band individually calibrated. Band switch on panel.

PUSH-BUTTON TUNING permits instant selection of any one of six stations. Buttons can be set in a few minutes from the front of the panel—no tools necessary; buttons can be re-set for other stations at any time. A "tab" sheet with all popular station call letters is furnished.

Other features include: full-range tone control; powerful automatic volume control; built-in power supply; output impedances of 50,000 ohms (direct to grid) and 500 ohms. Operates on 105-125 volts, 50/60 cycles a.c. only.

MODEL 1030-T—Lafayette 2-Band 7-Tube Push-Button Tuner with panel for standard 19" rack mounting. Complete with all tubes. Finished in platinum gray wrinkle. Dimensions: 19" wide, 8 3/4" high and 7 3/8" deep. Shpg. wt. 20 lbs. Code SERCH. **\$29.95**

YOUR COST **\$25.95**
MODEL 1029-T—As above, but chassis only, less panel. For cabinet mounting. With tubes, 15x8 3/4 x 7 3/8". Shpg. wt. 18 lbs. Code SHACK. **YOUR COST** **\$25.95**



Lafayette INTER-COMMUNICATOR SYSTEMS



Standard Model

- ★ Modern Compact Design—Fits Small Space.
- ★ Complete Operating Facilities. Any Remote Station Can Call Master Station—Volume Control on Master.
- ★ Remote Can Have Privacy or Turn Complete Control Over to Master Station—Master Selects Stations.

A distinctive Lafayette contribution to the Inter-Office Communication field. Features wide-range of operating facilities, economical operation and simplicity of installation. It provides the most efficient and speedy method of holding direct two-way amplified communication between two persons or two departments. Works equally as well on 110 volts AC or DC, and requires no specific mechanical or electrical ability for its installation. Merely connect cables, plug into nearest light supply, and the system is ready to operate.

Flexible, With Ample Power for Distant Pick-Up

Designed to be thoroughly flexible, so that whereas a system usually consists of one master station and one remote station, additional remote stations can be added as desired—up to a total of 5. Further, the master station incorporates a high-gain amplifier that makes use of the latest type "beam power" tube, to insure ample power and voltage gain. Remote stations can be placed at any distance from the master station without affecting volume or quality. Tubes used in the amplifier are: 1-12SC7, 1-50L6 "beam power" and 1-45Z5 in an absolutely hum-free rectifier circuit.

Handsome Walnut Cabinets

Both master and remote stations employ hi-quality permanent magnet dynamic speakers, utilizing the latest type magnets. Both stations are housed in attractive walnut cabinets; measures only 7"x3 3/4"x7".

Very Simple to Operate

Only three controls are incorporated on the master stations: a selector switch; a combined volume control and "on-off" switch, and a "push-to-talk" switch. Master station can talk to any one remote station by depressing the "talk" switch; when released the unit is automatically in a receiving position. The remote station has only one control, a three-position switch. In one position, the remote can receive calls and answer to master station. In second position (normal), remote can receive calls from master, but neither master or other remotes can listen-in. In third position, remote can call or answer master station.

Easy to Install

Remote stations are connected to master station by means of a 3-wire cable. Terminals on the rear of each unit make connections decidedly easy, without necessitating removal of units. Complete instructions furnished with each system.

MODEL 395-T—Consists of one Master station complete with tubes, one Remote station and full instructions. For 110 volts AC or DC. Shpg. wt. 12 lbs.

Code RABCK. **YOUR COST \$19.95**

MODEL 394-P—Remote Station only. Up to 5 of these units, with each Master Station, can be used. Shpg. wt. 4 lbs. Code RABCL. **\$4.95**

YOUR COST
K20896—Special 3-wire cable for connecting Remote and Master Stations, as described above. Shpg. wt. per 100 ft. 2 lbs.

YOUR COST—Per 100 ft. \$2.15

Streamlined "Multiple Master" Model

- ★ Push-Button Selection of Any Number of Stations
- ★ Can Be Grouped In Any Desired Arrangement
- ★ Up to 3 Private Conversations at One Time
- ★ Permits Any Number of Stations Up to Seven
- ★ Easy Installation. No Junction Boxes Necessary.

Station to Station Wiring Pioneered by Lafayette engineers to meet every requirement for efficient multiple communication. Private, compact and easy-to-install, it has every desirable and essential feature any one could possibly ask for.

Push-Button Station Selection
Six push-buttons on the front panel select instantly any one of the other stations. Three private conversations can be held simultaneously over a network of 6 or 7 stations. For example, No. 1 station can communicate with No. 2, while No. 3 talks to No. 4, while No. 5 and 6 are also talking, — without any interference whatsoever. The three conversations can be conducted between any 3 pairs of stations.

Complete—Easily Installed
On each station there are 3 controls, all plainly marked. They control all the operations, and include: "on-off" switch, volume control and "push-to-talk" switch. Installation is exceedingly simple with the Multiple Master System. The requisite cable connects to a terminal block on each, and the unit is plugged into any convenient light socket. Operation of the unit is just as satisfactory on 110 volts 60 cycles A.C. as on 110 volts D.C.



PUSH BUTTON SELECTION

High Power—Plastic Cabinet

Each unit or station contains its own amplifier, using 1-12SC7, 1-50L6 "beam-power" high output tube, 1-45Z5 rectifier. Uses PM dynamic reproducer.

Any two stations can converse privately, in any system, without interference or danger of being overheard. Stations are housed in beautiful plastic cases, two-toned in Ivory and Ebony. Size: 8 3/8 x 6 1/2 x 5 1/2 ins.

MODEL 396-T Multiple Master Station, complete with tubes and instructions. Wt. 15 lbs. Code, RGHJJ. Per STATION **\$21.50**
YOUR COST

Connecting Cables

Use 3-wire cable for 2 stations, 4-wire cable for 3 stations, etc.

No.	Wires	Per Ft.	100 Ft.
K16089	3	2c	\$1.95
K16090	4	2 1/2c	2.45
K16091	5	3 1/2c	3.10
K16092	6	4c	3.50
K16093	7	5c	3.95
K16094	8	5 1/2c	4.95



BRUNO Dual Speed Dual Action Recorder (A)

A reasonably priced professional recorder which may be operated in conjunction with any good amplifier. Cuts records up to 12 1/2" (for pressings) at either 33 1/2 or 78 RPM simply by reversing the idler wheel, at 110 lines per inch. Supplied to cut outside-in (inside-out supplied on special order at same price). The recessed turntable and sloped frame are of heavy cast aluminum, machined to extreme accuracy. Motor is of the constant speed type, 1.60 H.P., suspended by floating power frame with automatic idler take-up to increase pulling power as load increases. This construction minimizes "wow" and motor vibration. Exclusive Bruno "Dual Action" lever automatically engages nut to lead screw, then lowers cutting head to proper depth, making this machine the safest and simplest to operate. Cutting head of the magnetic wide range horizontal type with visual pressure indicator. All adjustments are factory made. The playback pick-up is the Bruno high-fidelity Symphony unit, the only one having microphone output. Pick-up should be connected to mike input of the amplifier. In portable airplane cloth covered case 18x18x12". All external connections brought out to panel plugs. For 110 volts, 60 cycles a.c. Shpg. wt. 44 lbs.

K22512-
YOUR COST..... **\$131.93**

Special worm and worm gear for changing from outside-in to inside-out feed. Shpg. wt. 3 lbs.

K22513-YOUR COST **\$5.88**
Lead screw and nut available for 90, 100, 120 or 130 lines per inch at \$11.03 each.

New BRUNO Model "A" Radial Arm Recorder (B)

A compact, efficient unit which not only records, but also plays back the records immediately. Can also be used as a miniature Public Address system. Cuts records up to 12" at 78 RPM with grooves 110 to the inch. The aluminum turntable is rim-driven by an idler wheel to insure proper speed and minimum "wow". The Bruno model "A" has all the adjustments found in more expensive, professional recorders. Needle pressure may be changed to cut from softest acetate to plain aluminum. Needle angle may be changed from positive to negative cutting angle. All adjustments can be made while the machine is operating. The built-in amplifier delivers 6-watts of undistorted energy and is provided with a 6" speaker. Provision is made for tone control and external input.

Cutting Head is of the horizontal wide range magnetic type, highly damped. An illuminated, sensitive V 1 meter for cutting level monitoring is also supplied. Playback pick-up is a high-impedance crystal unit. All controls on a neat panel. Sloping front. In airplane luggage portable case 17 1/2x20x11". For 110 volts, 60 cycles a.c. Shpg. wt. 42 lbs.

K22514-Bruno Model "A" Recorder with built-in amplifier and speaker. With tubes. No mike supplied. **\$126.56**
YOUR COST.....

"REK-O-KUT"



RECORDING ASSEMBLY

Convert your present electric phonograph or public address system into a highly efficient, modern recording outfit simply by adding the "Rek-O-Kut" assembly. It is especially designed to permit easy mounting on ANY good recording motor and can be aligned without any extensive mechanical changes. The assembly comprises spindle and worm-gear, feed screw, cutting head and cutting head mounting. The cutting head has an impedance of 8 ohms, to match practically all speaker outputs, will provide exceptionally good frequency response, and operates with as little as 2-watts of driving power from your radio or amplifier. Head is pre-set at exact angle for best cutting of ACETATE. Adjustment for depth of cut. Shpg. wt. 8 lbs.

K22509-For Records Up to 12". YOUR COST **\$28.96**

K22510-As above, but 500 ohms Impedance. **\$28.96**

K22515-For Records Up to 16" (8 ohms Imp.). YOUR COST **\$35.28**

Cutting heads with other impedances available on order



(A)

LATEST MODEL



(B)

RECORDERS



(C)



(D)

SPEAK-O-PHONE (C) Complete Portable Recorder

Model 1-52, a compact, efficient recording, playback and public address assembly complete in every detail - nothing else to buy! Consists of an amplifier, speaker, microphone and floor stand, motor and turntable, cutting head, playback pick-up and illuminated dial meter.

The Amplifier employs 3 stages and delivers 4-watts of power with less than 1% distortion. Built-in speaker matched to the output. Gain control on panel.

Built-in Meter, with illuminated dial, monitors the volume level.

Torpeda Crystal Microphone is supplied, complete with heavily chrome plated collapsible floor stand and connecting cable. Drive Mechanism is a tangent arm positive drive underneath assembly, propelled by a General Electric constant speed heavy duty motor and a heavy cast aluminum turntable.

Cutting Head is a true-fidelity magnetic type with adjustable needle angle so that both acetate and aluminum alloy records can be cut.

Playback Pick-up of the wide range crystal type. Entire assembly housed in a compact carrying case covered in a rich cordovan leatherette. Size: 16x10x20". For 110 volts, 60 cycles a.c. Shpg. wt. 42 lbs.

K22508-
YOUR COST COMPLETE... **\$119.67**

ALLIED (D)

"Professional" Recorder

One of the finest recorders available. Cuts either acetate or aluminum blanks up to 16" in diameter at either 78 or 33 1/3 RPM. Features include: General Electric 1/20 H.P. constant speed, self-starting motor with cast aluminum turntable machined from one piece of metal and held to close tolerance; turntable is rim driven by specially designed rubber cushioned idler wheels; a wide-range CRYSTAL playback pickup, with 100,000 ohms impedance, is provided; improved overhead feed mechanism is pivoted in a special self-lubricating universal bearing; lead screw is worm gear housed and has "time scale". Entire assembly housed in a leatherette covered case with compartment for tools, records, etc. Size 21x21x14". For 110/120 volts, 60 cycles a.c. Shpg. wt. 80 lbs.

K22500-Recorder in case. With crystal playback pick-up, less cutting head. Specify lead-screw desired (96, 104, 112, 120 line, feed inside-out or outside-in).

YOUR COST **\$245.00**

Same as above, but with Crystal cutting head assembly. Includes transformer to match 500 ohm line

K22507-YOUR COST..... **\$295.00**

Cutting Heads Only

CRYSTAL: Range 50 to 10,000 c.p.s. Supplied with transformer to match 500 ohm line. Shpg. wt. 6 lbs.

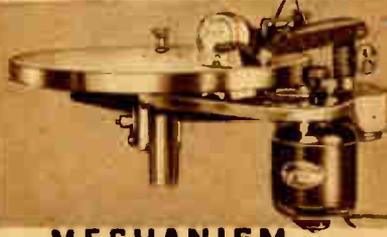
K22506-YOUR COST EACH. **\$75.00**

MAGNETIC: Made by Audak. 15 or 500 ohms impedance. Specify type desired (other impedances on special order).

K22501-Medium Fidelity. EACH..... **\$19.50**

K22502-Wide Fidelity. EACH..... **\$45.00**

BASIC RECORDING



MECHANISM

Outfit is comprised of a General Electric motor with heavy cast aluminum turntable machined from one piece of metal and held to close tolerance. Turntable is Rim-Driven from a specially designed rubber cushioned idler mounted on the drive shaft. Motor is heavy duty, and has adjustable speed and torque. Cutting head, impedance 15 ohms, designed to cut either acetate, aluminum or pre-grooved records with equal excellence. Needle cutting angle adjustable by means of a small lever and thumb screw. All adjustments are positive. A heavy rubber mat is provided to act as a cushion between the record and turntable. Gears are of the finest cut bronze, held to close tolerance. The entire assembly is mounted on a single piece precision machined heavy aluminum casting. Can be mounted on a board 15x9x18"; depth below panel 5 1/2"; height above panel 2 1/2". For 110 volts, 60 cycles, a.c. Shpg. wt. 13 lbs.

K22516-List \$94.50. YOUR COST

\$55.57

Automatic RECORD CHANGERS and PHONO MOTORS

Standard Acetate Coated Aluminum Blanks



Scientifically coated and may be cut at high amplitude. Reproduce high and

low frequencies with equal fidelity. Uniform thickness (approx. .008"). Smooth surfaces. Not supplied pre-grooved. In four standard sizes and two oversize types for pressing purposes.

No.	Dia.	Ea.	No.	Dia.	Ea.
K349	8"	\$0.39	K352	12"	\$0.72
K351	10"	.58	K353	16"	1.32

Special Oversized Blanks

K294	13 1/2" diam.	\$1.18
Your Cost Each		
K295	17 1/2" diam.	\$2.20
Your Cost Each		

Lightweight Acetate Blank Records

New, light weight Aluminum Base acetate blanks. Will not buckle; has same characteristics as above. Aluminum core is 28 gauge. Both sides may be recorded.

Stock No.	Size Diam.	Net Each
K545	6"	20c
K546	8"	28c
K547	10"	38c

"LAMINO" Recording Discs



Uniform thickness, flexible, impervious to moisture and temperature and are non-inflammable. Will not harden. More durable than acetate records.

As above, for 78 and 33 1/3 r.p.m.

Stock No.	Diam.	1 to 49	50 to 100
K555*	6"	15c	13c
K556	6"	22c	20c
K557	8"	34c	30c
K558	10"	45c	40c
K559	12"	56c	50c

* Single side; others two sides.

Aluminum Record Blanks

Plain or Pregrooved. These blanks are standard for recording in many fields, and are capable of wide frequency response with little scratch. Made of hardened aluminum alloy, with highly polished surfaces. Both sides may be cut, except 5".

Blanks	Pregrooved			
Size Diam.	Stock No.	Your Cost	Stock No.	Your Cost
5"	K240	7c		
6"	K200	15c	K204	16c
8"	K201	20c	K205	23c
10"	K202	29c	K206	33c
12"	K203	42c	K207	55c
16"	K199	75c		

GARRARD Motor Oil and Grease



Fine lubricants for all phono motors.
K15242—Oil **35c**
K15243—Grease **44c**
 Your Cost

GARRARD Chromic Needles



Each pack 10 records. Recommended for automatic record players, etc.

K193	Pack of 10	9c
Your Cost		
10 Packs for		\$0.82

GREEN FLYER Phono Motors



Standard Motors

For 110V., 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. **Shpg. wt. 15 lbs.**

K102	Single speed (78 r.p.m.)	\$7.65
Your Cost		
K103	With 10" turntable.	\$7.95
Your Cost		
K100	Two-Speed (78 and 33 1/3 r.p.m.)	\$10.20
Your Cost		
K188	As above, with 12" turntable.	\$10.50
Your Cost		

Turntables Only

K148	10" Each	\$0.75
K149	12" Each	1.05

Univ. 110 V. AC-DC Motors

With 12" turntable and changeover switch for 78 r.p.m. records. **Shpg. wt. 11 lbs.**

K126	Your Cost	\$11.85
K125	Your Cost	\$13.50

Heavy Duty 2-Speed Motor

Similar to K100 above, but with larger field and rotor (1/2" longer). With 2" turntable. For 105/120 volts, 60 cycles a.c. **Shpg. wt. 15 lbs.**

K120	Your Cost	\$11.40
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Automatic Stop

For any of motors above.

K135	Your Cost Each	90c
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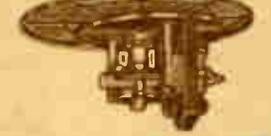
GREEN FLYER Transcription Motor



Designed for 16" transcriptions, commercial program records, etc. Heavy duty motor. Lightweight alloy 16" turntable. Self-lubricating bearings; gears run in oil. For 78 and 33 1/3 r.p.m. recordings. 110 volts, 60 cycles a.c. **Wt. 18 lbs.**

K22010	\$24.95
Each.	

Special "No Howl" Phono Motors



Compact, efficient single speed (78 r.p.m.) motors. Constant speed, self-starting type. **Wt. 10 lbs.** With 8" turntable. **\$4.50** Each. With 12" turntable. **\$4.70** Each.

Rim Driven Motor



Self-starting constant speed (78 r.p.m.) type. Gear noises eliminated by use of a positive rubber drive. With 9" turntable. For 110 volts, 60 cycles a.c. **Shpg. wt. 6 lbs.**

K178	Your Cost	\$3.54
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RCA Automatic Record Changer



Simple, foolproof mechanism with distinctive modern features. Plays seven 12" or eight 10" records automatically and repeats the last record. Reject lever for rejecting any record and feeding automatically the next record. Has top loading crystal pickup, with automatic needle ejector and receptacle. Arm is positioned for best tracking, with proper needle pressure, to insure minimum record wear.

Finished in attractive brown wrinkle. Operates from 110-120 V., 60 cycles A.C. **Shpg. wt. 25 lbs.**

K21063	Your Cost	\$26.43
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PACKARD Automatic Record Changers Series K



A low priced simple, compact unit. Plays, repeats or rejects eight 10" records. Plays 12" records manually. Last record repeats until switch is turned "off". Supplied complete with Piezo high-impedance crystal pick-up, volume control, "on-off" switch.

K19820	As above, but two-speed (78 and 33 1/3 r.p.m.)	\$27.60
List \$49.00.	Your Cost	
K17766	Portable Carrying case only.	\$4.40
Model M.	Same as above, but plays eight 10" or seven 12" records automatically. With 78 r.p.m. motor, and 14x15" base plate.	\$31.80
Your Cost		
K17769	Your Cost	\$33.60
Model N.	Same as above, but with 78 and 33 1/3 r.p.m. motor.	\$33.60
Your Cost		
K17767	Portable Carrying Case for "M" or "N".	\$4.40
Shpg. wt. 8 lbs.	Your Cost	

GI Constant Speed Phono Motor



Direct-drive, constant speed 78 r.p.m. phono motor for 10" and 12" records. Self-starting, induction type, with fully enclosed helical cut gears in oil. Fan cooled. Dim.: 4 1/4 x 4 1/4 x 3 1/4" deep, with mounting plate. For 110 V., 60 cycles A.C. With 10" turntable, and all hardware. **Shpg. wt. 12 lbs.**

K126	\$5.25
Your Cost	

Single Speed 78 R.P.M. Same as above, but for light-duty such as phono-record players, portables, etc. With 10" turntable and hardware. **Wt. 10 lbs.**

K107	Your Cost	\$4.41
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THORENS Constant Speed Phono Motor

Finely constructed, constant speed 78 r.p.m. phono motor. Self-starting type. Mounting plate attached to motor by rubber shock absorbers. Totally enclosed, free from dust or dirt. Switch on motor permits operation on 100-125, 125-150 or 200-250 V., 60 cycles A.C. With 10" turntable, all hardware, etc. **Shpg. wt. 7 lbs.**

K108	Your Cost	\$4.65
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Diamond Cutting Needle

For recording on aluminum blanks, etc. Has genuine diamond point; lasts a lifetime. **Limited Quantity.**

K132	Your Cost	\$1.75
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Sapphire Needles

Highly polished, almost negligible scratch level, long life. (A) For recording on "Lamino" and acetate record blanks. **\$3.45** Each. (A) For recording on aluminum.

K196	Your Cost Each	\$2.20
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(B) For recording on pre-grooved composition and celluloid.

K194	Your Cost	\$2.25
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(B) For reproducing records.

K198	Your Cost	\$1.65
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RANGERTONE Stellite Recording Needle

Made of Stellite, an extremely hard metal. Points are ground with diamond dust to a very particular angle which gives a quiet cut and more faithful reproduction. For acetate. **\$1.00**

K337	Your Cost	\$1.00
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Steel Recording Needles

K341 (A) For aluminum. **4c** Each. 10 For **35c**

K342 (B) For acetate. Flat shank. **\$1.35** 10 for

K344 (C) For acetate. Round shank. Low scratch level. **\$1.35** 10 For

Permo Point Needle Specially designed for P.A. work. Metal needle that will play up to 2000 records. Low scratch level. **\$50c** Each

Garrard AUTOMATIC RECORD CHANGERS

almost human in performance

RC-10 Standard Changer

(Top) Improved, foolproof unit that plays eight 10" or eight 12" records in sequence. Records can be of any standard make. Features include: **AUTOMATIC STOP** cuts off current after last record has played; **TANGENT ARM CRYSTAL PICK-UP** provides true fidelity reproduction; **AUTOMATIC REJECTION KNOB** permits instant rejection of any record; **NON-SLIP SPINDLE** prevents skidding; **SPRING MOUNTING** "floats" the entire mechanism. Self lubricating motor. Panel and parts on panel finished in stately bronze. Size: 15" long, 11 3/4" wide and 4 1/2" above and below panel (5" on A.C.-D.C. models). Wt. 19 lbs.

RC-10: For 100/130, 200/250 volts, 50-60 cycles a.c. **\$38.22**

K20989—YOUR COST

RC-11: As above, but for D.C. and A.C. (25-60 cycles.) **\$44.10**

K20990—YOUR COST

RM-10: Like RC-10, with Hi-Fi magnetic pick-up. **\$39.69**

K20991—YOUR COST

RM-11: Like RC-11, with Hi-Fi magnetic pick-up. **\$45.57**

K20992—YOUR COST

RC-50 Mixer-Changer

(Bottom) Amazing new model that plays eight 10" or 12" records automatically in any assortment, any combination. Has all the features of the RC-10 described at left, PLUS: **SWIVEL HEAD** on **CRYSTAL** pick-up that permits top loading of needles; **2 NEEDLE CUPS** on panel. 16" long, 14" wide, 5 1/2" above and below panel. Shpg. wt. 35 lbs.

RC-50: For 100/130, 200/250 volts, 50/60 cycles a.c. **\$52.92**

K20985—YOUR COST

RC-51: As above, but for D.C. or A.C. (25-60 cycles). **\$58.80**

K20986—YOUR COST

RM-50: Like RC-50, with Hi-Fi Magnetic Pick-up. **\$54.39**

K20987—YOUR COST

RM-51: Like RC-51, with Hi-Fi Magnetic Pick-up. **\$59.27**

K20988—YOUR COST

Airplane Luggage Cases

Portable cases for record changers. With motor boards. Sewn leather edges all around. Wt. 14 lbs.

K21007 For RC-10. Each. **\$6.91**

K21008 For RC-50. Each. **\$7.49**



A6-C Speed-Regulated Motor

A precision built, fully enclosed motor (same as used in "Changers" listed above). Includes Automatic Stop Switch and Speed regulator. All parts mounted on a 12" polished bronze plate, ready for placing into cabinet as supplied. Complete with 12" felt covered turntable. For 100/130 and 200/250 volts, 50/60 cycles a.c. Shpg. wt. 10 lbs.

K20993—List \$18.50. **\$10.88**

YOUR COST

U5-C: As above, but for D.C. or A.C. (25-60 cycles). List \$28.50. **\$16.76**

K20994—YOUR COST



Type F Single Record Player

A compact assembly that includes motor, pick-up, pick-up arm rest, 10" turntable, shielded pick-up leads and hardware—ready for installation. Motor is high grade constant speed type with self-lubricating bearings of true phosphor bronze. Tangent pick-up arm is true tracking. For 100/130 volts, 50/60 cycles a.c.

AC21-F: With Crystal Pick-Up. Shpg. wt. 10 lbs. **\$10.58**

List \$18.00. **\$11.76**

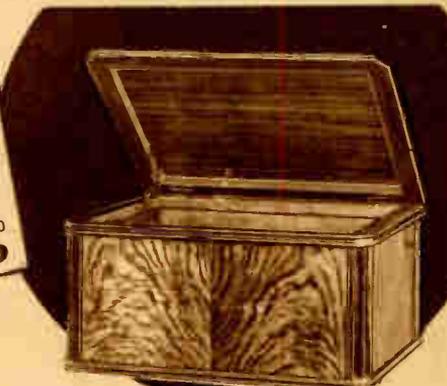
K20995—YOUR COST

AM21-F: With High Fidelity Magnetic Pick-Up. List \$20.00. **\$5.88**

K20996—YOUR COST

Motor and Turntable only. **\$5.88**

K20997—YOUR COST



Walnut Cabinets for Record Changers

Beautiful burl walnut cabinets designed to house the above automatic record changers. Sturdy hinged top. With mounting board. Size: 21" W., 16 3/4" D., 11 1/2" H. Wt. 15 lbs.

K21009—For RC-10) **\$11.65** each

K21010—For RC-50)

GARRARD Model 201 Transcription Motor

Officially used by the British Broadcasting Company. Finest unit of its kind. Extra-heavy slow running rotor insures smooth, silent operation. Induction type, fitted with patented governor. Motor is 5-point rubber mounted on a 12" polished brass plate; ready for installation. Speed regulator on panel. With 12" felt covered turntable. For 100/130 and 200/250 volts, 40-60 cycles a.c. Shpg. wt. 18 lbs.

201-S: Single Speed (78 r.p.m.) **\$22.34**

K20998 List \$38.00. **\$23.52**

YOUR COST

201-T: 2-Speed (78 and 33 r.p.m.) **\$23.52**

K20984—List \$40.00. YOUR COST



Garrard

Built with the precision of a watch

PHONO PICK-UPS and ACCESSORIES

SHURE ZEPHYR Pickups



Improved "Needle-Tilt, Balanced Tracking" construction that keeps needle true to the groove. Low needle pressure,—only 2½ oz., and full floating mounting that minimizes mechanical feedback and reduces motor-noise pickup. Employs triple moisture-sealed Bimorph crystal, low-friction bearings and non-resonant arm. Output voltage approx. 2½ volts; frequency response 50-7000 c.p.s. For both 10" and 12" records. Supplied with 2½ ft. shielded cord and arm rest.

K137—Black Bakelite. Your Cost Each \$4.41

K136—Special Model. Same as above but with new single hole mounting in place of streamlined base. Black only. **Your Cost Each \$3.82**

SHURE "Economy" Crystal Pick-Up



A compact crystal pick-up that mounts in minimum space. Has Shure "Needle-Tilt" balanced tracking, plus all features for above. Smooth brown finish. 7½" long.

K13383—Xtal Pick-up, with 20" shielded cord, arm rest and template. Your Cost \$3.82
K13393—Crystal Cartridge for above... \$2.94

SHURE "Transcription Type" X'tal Pick-Up



"Needle-tilt" balanced tracking, plus bent arm provides negligible tracking error. Wide range response to approximately 7000 cycles. Head pivots horizontally for easy needle changing. Complete with 3½ ft. shielded cord, template, screws. For up to 16" records.
K13394—Model 914A. Your Cost \$9.70
K13395—Straight-arm type, for up to 12" records. \$9.11

Replacement Phono-Crystals



K13393—Metal Type Cartridge for SHURE 99, 94, 910, etc., pickups. Type A.



K13406—Bakelite type, for Universal Replacement. Type B. Screw terminals.



K13407—Same as above, but with lugs.

K13408—Bakelite type, with standard "plug-in" terminals. Type C.

Your Cost Each \$2.94
Any Type

GARRARD TANGENT ARM PICKUPS

De-Luxe Crystal Type



Swivel Head

Incorporates every modern improvement, to insure faithful reproduction, such as: unique "easy to load" arm and ball-bearing pivot on which the arm rests; balanced lightweight arm to minimize record wear and needle scratch, etc. Entire unit is in bronze finish, and furnished complete with mounting nest, base supports and shielded lead. High impedance.
K13382—Your Cost \$5.88

"Hi-Fi" Magnetic Type
 Same as above, but with high impedance magnetic head.
K13404—Your Cost \$6.06

AUDAX Phono-Pickups

Model AT-12

Beautiful streamline construction, with scientific off-set head. Very light on record; response over 6000 c.p.s. Equipped with new needle guide, non-resonant arm with precision ball-bearings. Finished in gold and brown. Plays records up to 12". Length 9¾". High Imp. only.
K13431—Your Cost Each \$7.35

Model AT-10. Same as above, but frequency response not as high.
K13421—Your Cost Each \$4.70

AUDAX Microdyne Pickups

Fine modern construction and appearance. Employ scientifically off-set heads; new needle guide; compensated output, eliminating resonance peaks and boosting bass frequencies; new, non-resonant arm.

For Records up to 18"
D-37. Response over 7500 c.p.s. Black and Chrome finish. Length 14½".
K13435—200 ohms Each \$29.11
K13438—500 ohms \$17.35

For Records up to 12"
D-36. Response over 7500 c.p.s. Black and Chrome finish. Length 12¾".
K13440—200 ohms Each \$22.64
K13444—500 ohms \$10.88

D-24. Response to 7000 c.p.s. Brown and Gold finish. High Impedance.
K13403—Your Cost \$10.88
AUDAX Models not listed supplied on order. Models AT-12, D-25 and D-24 also available in 200 or 500 ohms.

NEW! WEBSTER X'tal Pick-Up



with Pilot Light

Employs new, hermetically sealed brass case crystal cartridge with range up to 8000 c.p.s.; improved bass response. Moisture and shock-proof mounting of the crystal. 9" brown finished arm has floating coupling. With arm rest and leads. **Pilot light jewel on top of head.** Needle pressure 2.5 oz. Shpg. wt. 2 lbs.
K512—With Pilot Light Your Cost \$3.21
K513—With Jewel Only Your Cost \$2.91
K510—Replacement Cartridge. Each \$2.12

WEBSTER "Mellotone"



Crystal Pick-Up

Solid Walnut Arm

A new, uniquely designed crystal pick-up having a solid wood, walnut finished tone arm. Offset to provide the benefits of tangent tracking. Has rubber sealed high imp. crystal cartridge (130,000 ohms.) Full lift hinge for easy needle loading. Wt. 3 lbs.

K538—With 30" lead. Your Cost \$3.47
For 10" and 12" records. Cost \$2.55
K540—Crystal Cartridge only \$2.55

NEW! WEBSTER Magnetic Pick-Up

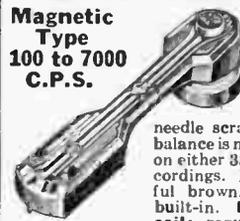


Model W-83

Newly developed magnetic pick-up that affords brilliant tone and life-like reproduction.

Free acting head is joined to arm in novel manner for improved results. Swivel base mounting included. Impedance 5000 ohms; needle pressure 3 oz.; output 1.4 volts. Length 9¾". With 18" shielded cable. Shpg. wt. 2 lbs.
K525—Your Cost \$3.97

WEBSTER Fidelity Pick-Up



Magnetic Type 100 to 7000 C.P.S.

Remarkably fine high fidelity performance with essentially flat response from 100 to 7000 cycles per second. Negligible

needle scratch. No counterbalance is necessary when used on either 3¾" or 78 r.p.m. recordings. Finished in beautiful brown. Volume control built-in. **High impedance coil;** requires no matching

transformer. Shpg. wt. 4 lbs. **K147—Your Cost \$5.64**
K115—Same, less volume control. \$5.05

ASTATIC Model 0-7 X'tal Pick-Up



Employs offset head to provide maximum

fidelity; minimum tracking error. Axial cushioning reduces motor noise and feedback. Response essentially flat over the entire tone range. Streamlined design; lightly damped stylus; needle pressure only 2½ ounces; easy needle loading. 9" overall. Black and chrome finish. Wt. 3 lbs.
K214—Your Cost \$3.82
K233—Crystal Cartridge for above... \$2.94

Astatic Scratch Filter



Thoroughly sealed and tuned to resonate at the point of greatest scratch intensity. Tone quality is clarified to a remarkable degree. Designed to minimize needle scratch in crystal pick-ups. 1x1¼x2". **K13362—Your Cost \$88c**

ASTATIC "TRU-TAN" X'tal Pick-Up



Has scientifically designed off-set head which follows entire playing surface of record practically true to tangent of the circle at all points. Assures minimum needle scratch, as well as faithful record reproduction; prolongs record life. Insertion of needles has been greatly simplified—the head turns 140°, and the needle is dropped in from the top. Telephone black with chrome trim. **High impedance.**

K172—10" Arm. Shpg. wt. 4 lbs. List \$17.50. For 10" and 12" records. Your Cost \$10.29
K173—12" Arm. Shpg. wt. 5 lbs. List \$22.50. For records up to 16". Your Cost \$13.23
K143—Crystal Cartridge for above units \$3.53

ASTATIC PIEZO Pickups

Model AB-8



Improved design, with new spring-pivot swivel mounting; reduces motor noise and feedback. Employs massive tone arm to allow good low frequency reproduction, plus offset head to reduce tracking error. With 4 ft. single conductor shielded cable and arm rest. Staturary brown finish.
K119—Your Cost Each \$5.88

Models S-8 and S-12

Extremely light in weight; ball bearing arm. Overall finish in crystalline black. Straight arm.
K161—For 10" and 12" records. \$5.88
8" arm. Your Cost \$7.35
K162—For records up to 16". 12" arm. Your Cost \$7.35

Replacement Crystal Cartridges
K140—For use with K161 \$2.94 Ea.
K13408—For use with K162 \$2.94 Ea.

We Will Not Knowingly Be Undersold

PHONOGRAPH EQUIPMENT

Non-Metallic Needles

Special Cactus Needles
Finest cactus. Cause no wear, last longer, eliminate objectionable needle scratch. Individually tested. Ideal for home recordings, special records, etc.
K359—Package of ten. **29¢**
Your Cost \$2.10
10 Packages for

BURMA Thorn Needles
Specially selected, imported thorn. Do not hiss, scratch or injure records. Results in good high-fidelity response.
K291—(Red) for Phono-Pickup.
K292—(Green) for Record Changers.
Package of 12. **54¢**
Each \$4.50
10 Packages for

Fibre Needles
For Aluminum record playback. Envelope of 12. **8¢**
K343—Your Cost 54¢
100 For

Needle Sharpener



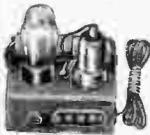
Clever mechanical sharpener, to get extra mileage from needles. For fibre, cactus or thorn needles. Resharpens the point as good as new. Operates entirely by hand. Quick and inexpensive.
K293—Your Cost Each **\$1.10**
Lots of 3. Each 90¢

Stroboscope

Calibrated 78 and 33 r.p.m., 25-50-60 cycles. 6" Diam.
K197—Your Cost **12¢**
Each



Lafayette "Mystery" Phono-Oscillator



Intriguing and convenient unit for enabling phono-graph record player reproduction to be obtained from any receiver, without any connecting wires between two. Connects to any conventional record player; operates from any 110-120 A.C.-D.C. line. Employs only two tubes, a 76 and a 6A8GT, hence is very economical to operate. Also, designed for home broadcasting by simply inserting microphone with plug connector into designated jack. Gives good, clear reproduction on both without necessitating wiring changes in radio set. Shpg. wt. 5 lbs.
K10596—Complete with tubes. **Your Cost** **\$3.95**

De Luxe "Mystery" Transmitter Hi-Fidelity Reproduction



For those who desire to have a fine record player play through a deluxe radio receiver without connections or wiring changes to the set. Engineered to transmit high-fidelity music from the record player to a somewhat remote radio receiver, without any sacrifice in quality or power, and without any connections between the two. Employs 3-tubes; a 6C6 oscillator, a 6L7 R.F. amplifier (suppressor-grid modulated) and a 6ZY5 a.c. rectifier. Also, has microphone jack for home broadcasting. Easy to install and operate. For 110-120 v., 60 cycle A.C. operation only. Shpg. wt. 7 lbs.
K10597—Complete with Tubes. **Your Cost** **\$7.45**

Record Renewer



Triple action record renewer. Cleans; Lubricates and Protects; Improves reproduction by reducing needle friction, due to thin film of lubricant which is left. Prevents new records, improves old ones. In 2 oz. bottle.
K394—Your Cost **48¢**
K395—Special 1/4 oz. trial bottle. **Your Cost** **15¢**

Special Record Album



Attractively-bound album; with stiff cardboard leatherette covered binder. Priced especially low.
K21890—12-10" Pockets. **Your Cost** **59¢**
K21891—12-12" Pockets. **Your Cost** **69¢**

ASTATIC Crystal Pick-Up Tone Equalizer



Adjustable; connects between crystal pickup and amplifier. Rotary switch permits: "In"; "Out"; "Bass"; "Medium"; "High".
K225—Your Cost **\$1.91**

De-Luxe Record Album



Finely Fabricoid bound album for storing and protecting records. Open flat; gold engraved.
K21892—12-10" Pockets. **Your Cost** **98¢**
K21893—12-12" Pockets. **Your Cost** **\$1.05**

PLAYBACK NEEDLES REC-O-TON Sapphire

Straight shank with highly polished needle point sapphire. Gives remarkably high-frequency response and 6000 perfect playings with practically no record wear. Especially designed for acetate, vitrolac and Lamino records.
K429—Your Cost... **\$4.95**

SUPERIOR Needles

Highly Polished, Swedish Steel, Selected and Shadow tested. Reduce surface noise. Used on acetate and commercial records. Good for 10 plays.
K209—Package of 12 **10¢**
K209B—200 For **\$1.23**

Hi-Fidelity Acoustic Needles

For any type record. Improves Bass on portable phonographs. Each good for 10 plays.
K430—Package of 12 **10¢**
K430B—30 For **20¢**

MELOGRAPH Special Needles

For acetate records with heavy arm pickups. Prevents record wear and slippage.
K345—Package of 12 **10¢**
K345B—100 For **60¢**

Permo Point Needle

For general home use. Tipped with platinum to insure maximum tone fidelity and record life. Each plays up to 1000 records. With stroboscope.
K358—Per Pair **65¢**

Actone Shadowgraph Needles

100% Shadowgraph Steel needles. Individually tested.
K432—For Standard Records.
K433—For Acetate Records.
Package of 100. **Your Cost, Either Type** **38¢**

Pick-Up Heads and Arm



A new line of universal pick-up heads and a single high quality arm for all types. All units are finished in attractive walnut.
Magnetic Pick-Up Heads
Stock Part Imped. No. No. Ohms **Your Cost Each**
K180 9661 8.5 **\$3.82**
K181 9665 30.0
K182 9669 700
K184 9670 2800
K177* 9676 400
K185 9749 8500

*Original replacement for RE45, 75, Victor R32, etc. Black finish.

Pick-Up Arm
Universal type, fits all heads listed above. Balanced perfectly, Part No. 9678.
K187—Your Cost... **\$4.41**

RCA Pick-Up Coils
Stock Part Resist. **Your Cost**
No. No. Ohms **\$1.06**
K174 2254 3300
K186 2314 20 .65
K169 2769 20 .53
K396 3385 7 .59
K398 10777 200 .29
K175 2641 200 .59

Rubber Pickup Dampers
RCA No. 2620—Complete set of rubber dampers for replacement in all makes of magnetic pickups. **7¢**
K253—Your Cost

RCA PHONO-EQUIPMENT

Junior Crystal Pick-Up



Compact, efficient crystal pick-up with offset head to insure minimum record wear. For 10 or 12" records. Swivel arm tilts for easy needle loading. Shock-proof mount. Brown wrinkle lacquer finish. Shpg. wt. 2 lbs. No. 9891.
K212—Your Cost **\$2.91**
K277—Crystal above.
K215—Crystal for 9842.
Your Cost, Either Type **\$2.20**

RCA Phono Needles Play Back Only

Steel. Half Tone, 75 to envelope. Others 100 to envelope.
K159—Half Tone. **K153**—Full Tone. **K160**—Extra Loud. **9¢**
Your Cost Per Pack 75¢
10 Packs For

Chromium. Semi-permanent needles. With colored shanks.
K357—Green (78 r.p.m.). **Your Cost, Either Type** **18¢**
Package of Six

Tungstone. Semi-permanent type. For use in automatic phonographs.
K157—Extra-loud Tone. **18¢**
K158—Full Tone. **Your Cost, Pkg. of 8** **18¢**

Bakelite Arm Junior Crystal Pickup



Polished brown moulded bakelite arm in an attractive modern design. Sealed crystal pickup. For 10" or 12" records. Needle pressure only 2.7 ounces. Frequency range 70 to 7000 cycles. No. 9868.
K279—Your Cost... **\$3.20**
K280—Crystal Cartridge for above. **Your Cost Each** **\$2.20**

Home Recording Blanks

Flexible composition. Double faced. Shpg. wt. 1 lb. per package.
K381—6". Pkg. of 4 **75¢**
K382—10". Pkg. of 2 **75¢**
K383—12". Each **68¢**

Steel Recording Needles

K129—Pkg. of 8. **Your Cost** **25¢**

Orthophonic Sound Box

Universal; fits all RCA phonographs except 2-35. Bronze finish. No. 6927. Shpg. wt. 1 lb. **K350**—Each **\$2.94**

Senior Crystal Pickup



A really fine modern styled crystal pickup with many unusual features. Top needle loading. When used with needle box listed below—used needles are ejected merely by loosening set screw and pressing lever. Box acts as arm rest. Brown wrinkle finish. Range 70-7000 cycles. No. 9869.
K247—Your Cost... **\$3.79**
K248—Needle Box **59¢**
K249—Crystal Cartridge... **\$2.50**

Phono or Mike Oscillator—Modulator

Model 41097
For connecting either a high impedance mike or phono pick-up to any set irrespective of its type or make. Furnishes a modulated signal just like a regular broadcasting station which is fed into your receiver by means of the antenna connection. Operates on A.C. or D.C. Frequency range—900 to 1100 kc. Input power 35 watts. Employs one 12A7 tube. Self contained power supply. Shpg. wt. 3 lbs.
K10599—Your Cost. **\$4.38**



SHURE Microphones

NEW "STREAMLINERS"

New models that give you quality performance but that are "streamlined" for economy to fit limited sound equipment budgets. Voice and music reproduction that is highly suitable for public address, paging and call systems. Rich satin chrome finish. $\frac{5}{8}$ "-27 thread for stand. Diameter $2\frac{3}{8}$ ". Shpg. wt. $1\frac{1}{4}$ lbs.

Crystal Model 7A—Response from 30 to 10,000 cycles. Output 53 db. below 1 volt per bar. Grafoil Bimorph crystal, fully moisture-proofed. Screen-protected cartridge in shock-proof mounting. 7 ft. single conductor shielded cable. List \$16.50



K13694—Your Cost \$9.70

K13695—Same with 25 ft. cable. **\$10.76**

Dynamic Model 5-G—Incorporates new pressure-operated moving-conductor principle. Excellent response. Internal matching transformer. Output 63 db. below 1 volt per bar. **High impedance.** May be used with any amplifier having an input impedance of 100,000 ohms or more. Same satin-chrome finished case as above fitted with $\frac{5}{8}$ "-27 thread to fit most stands. 7 ft. cable. List \$21.00

K13696—Your Cost \$12.35

K13697—Same as above with 25 ft. cable. **Your Cost \$13.23**

35-50 and 200-250 ohm models available on order only.

Ultra Wide-Range Microphones



High quality, wide-range crystal mikes featuring: response from 30 to 10,000 c.p.s.; dual drive high capacity Grafoil Bimorph crystal elements; barometric compensation; internal screen protected cartridges; output level 53 db. below 1 volt per bar; curvilinear diaphragms; rich satin chrome finish; built-in cable connector and locking plug; $\frac{5}{8}$ "-27 thread.

K13640—Model 700D: Fig. A. Swivel type with tilting head. Satin chrome finish. $2\frac{3}{8}$ " diameter. Complete with 25-ft. shielded cable with plug attached. Shpg. wt. 2 lbs. List \$25.00

K13641—Model 701D: Fig. B. "Grille type" skyscraper design, satin chrome finish. $3\frac{1}{4}$ " and $2\frac{3}{8}$ " wide. With 25-ft. shielded cable with plug attached. Shpg. wt. 2 lbs. List \$25.00

K13642—Model 702D: Fig. C. "Spherical" mike with non-directional horizontal pick-up. Satin chrome. $2\frac{3}{8}$ " diameter. With 25-ft. shielded cable with plug attached. Wt. 2 lbs. List \$25.00

Any Above Model, Your Cost Each \$14.70

Directional Baffle for Model 700D mike only. A90A \$1.47

K13674—Your Cost Each \$1.47

"Uniplex" Uni-Directional Mike

A true uni-directional mike—sensitive at the front, dead at the rear. Solves feedback, room and background noise and reverberation problems. Ideal for use in theatres, night clubs, restaurants, churches, etc. Provides high quality, wide range response. Average front to rear discrimination about 15 db. Output level 62 db. below 1 volt per bar. Mechanical features include: new streamline design; swivel head; new cable connector; rich satin chrome finish. Has triple moisture-proof Grafoil Bimorph crystal. Head diameter $3\frac{3}{8}$ ", depth $3\frac{1}{4}$ ". Standard $\frac{5}{8}$ "-27 thread. Model **730A**—Uniplex Mike complete with locking connector and 25-ft. of cable. List \$32.50



K13679—Your Cost \$19.11

"ROCKET" Dynamic & Crystal Mikes



These beautiful microphones are now available in both crystal and dynamic types. Streamlined head tilts easily so that it can be aimed at the source of sound. The Shure A91A Directional baffle can be added to reduce pickup from side and rear of mike thus greatly assisting in decreasing feedback. Satin chrome finish. $\frac{5}{8}$ "-27 thread for stand mounting. Diameter $2\frac{3}{8}$ ". Length overall $3\frac{3}{8}$ ". Built-in cable connector. Shpg. wt. 2 lbs.

Crystal Model 705A—Wide range response from 30 to 10,000 cycles. Output 55 db. below 1 volt per bar. Special moisture-sealed Grafoil Bimorph crystal. Complete with 25 ft. cable and plug. **\$14.70**

K13681—Your Cost \$14.70

Dynamic Models 50C—Moving conductor type. Wide range response from 70 to 7,000 cycles. Exceptionally rugged and practically immune to effects of heat and humidity. Built-in transformer.

K13692—High impedance model for use with amplifiers having an input impedance of 100,000 ohms and over. Furnished with 25 ft. cable (maximum recommended for best results—for longer cable lengths use low impedance models). Output 63 db. below 1 volt per bar. List Price \$27.50. **Your Cost \$16.17**

K13693—Same with 7 ft. of cable. **\$15.29**

Your Cost \$15.29

Models for 35-50 and 200-250 ohm lines available on order only.

Directional Baffle Plate—For any of the above. (A91A). **\$1.47**

K13682—Your Cost \$1.47

Model 55C "UNIDYNE"

Uni-directional moving coil type, unaffected by heat, cold or vibration. Response 40-10,000 c.p.s. over wide angle at front of mike; rear response down 12-15 db. Head tilts to 90°. With Shure cable connector and 25 ft. of cable. **High impedance**, for input of 100,000 ohms or more. Has built-in transformer. Output 58 db. below 1 volt per bar. Case dimensions: $4\frac{1}{2}$ " high, $3\frac{1}{4}$ " wide, $3\frac{1}{2}$ " deep. Shpg. wt. 4 lbs.

K13688—Your Cost \$26.46

35-50 and 200-250 ohm models on order.



Diaphragm Type 70H

Output level 46 db. below 1 volt per bar. Requires less amplifier gain. Genuine Grafoil Bimorph crystal element, triple moisture sealed. Sturdy cast case finished in satin-chrome. With new built-in cable connector and plug. Furnished with 7-ft. shielded cable. Shpg. wt. 3 lbs. List \$22.50.

K13473—Your Cost \$13.23

K13484—As above, but with 25-ft. cable with plug. Shpg. wt. 6 lbs. List \$24.30 **\$14.29**



Crystal Hand Mike

Only $3\frac{3}{4}$ " x $2\frac{3}{4}$ " x $1\frac{1}{4}$ ". Cast aluminum case, iridescent gray and satin aluminum finish. High output. 7 ft. cable and removable hook. Shpg. wt. 2 lbs. With switch. Model 750B. **\$13.23**

K13649—Your Cost \$13.23

Stand Switch
For Shure cable connector type mikes. No wiring required. No cable supplied. **K13594—Your Cost \$2.35**



3B Carbon Mike

Two button mike, 200 ohms per button. Four "quick-way" hooks for spring suspension. Rigid cast frames, built-in grilles. $3\frac{1}{2}$ " diameter. Satin chrome finish. **K13645—Your Cost \$3.23**

Model 5B—200 ohms per button. $3\frac{3}{4}$ " diameter. Screen protected diaphragm. **K13593—Your Cost \$5.88**

Stand Switch
For any mike. Standard $\frac{5}{8}$ "-27 thread. Unwired. No cable or plug. **K13639—Your Cost \$1.47**



"TRI-POLAR" Microphone

Provides 3-way directional control. Uni-Directional, wide angle front-side pickup; Bi-Directional, permitting pick-up from front and back while dead sides discriminate against unwanted sound; Non-directional, full 360° pick-up, for general use. Output level 74 db. below 1 volt per bar. Range 30 to 10,000 c.p.s. Tilting head, $\frac{5}{8}$ "-27 thread. Switch on base. With 25-ft. cable and plug. Satin chrome finish. Shpg. wt. 3 lbs. **\$26.46**

K13653—Your Cost \$26.46

SHURE DeLuxe Floor & Desk Stands

Have Friction Lock—a fraction of a turn locks the stand, yet will support a 50 pound load; easy to raise or lower; 3-point gum-rubber base cushioning. All ultra-modern in appearance and beautifully finished.

Model 550B Floor Stand: $9\frac{1}{2}$ " diameter base, fluted rim. Height $44\frac{1}{2}$ " to $70\frac{1}{2}$ ". Satin chrome finish. Wt. $9\frac{1}{2}$ lbs. **\$5.88**

K13450—Your Cost \$5.88

Model 554C Floor Stand: Double extension type. $9\frac{1}{2}$ " base. 30" to 64". Iridescent gray. Wt. 9 lbs. **\$5.88**

K13644—Your Cost \$5.88

Model 532D Desk Stand: Base 6", has satin chrome circles. Height 7" to 11". Iridescent gray finish. Wt. 4 lbs. **\$3.82**

K13643—Your Cost \$3.82

"Streamliner" Communications Mike

Especially designed for voice reproduction. Built-in R.F. filter. Iridescent gray finish.

Crystal Model 7S—Output level (for 10 bar speech signal) 33 db. below 1 volt. Complete with 7 ft. cable and stand. Shpg. wt. 3 lbs. List \$19.50.

K13600—Your Cost \$11.47

Dynamic Model 5S—Output level (for 10 bar speech signal) 42 db. below 1 volt. Complete with 7 ft. cable and desk stand. Shpg. wt. 3 lbs. List \$24.00.

K13601—Your Cost \$14.11

Stand Only—As illustrated above, but with additional tubing to fit any mike. Also has provision for installing switch or volume control. $2\frac{3}{4}$ " high, 5" wide, 7" long. Shpg. wt. $1\frac{1}{2}$ lbs. **\$2.06**

K13602—List Price \$3.50. Your Cost \$2.06



Modern P.A. MICROPHONES

Electro-Voice Carbon Microphone

Model 50. Efficient 2-button unit, 200 ohms per button. Designed for long life and excellent reproduction. 10-15 ma., under normal operation; 3.0-5 ma., for close talking. Finished in light gunmetal. With "eye" hooks, for ring suspension. Shpg. wt. 3 lbs.

K13419—Model 50 Carbon Mike.
Your Cost, **\$2.94**
Each

Electro-Voice "630" Dynamic Microphones



Diaphragm and voice coil have minimum of mass, to assure reproduction of highest frequencies. Energized by large Alnico magnet, to provide relatively high output. Has excellent bass characteristics. Case design provides high discrimination between front and rear pickup, reducing feedback, etc. Tilts from vertical to horizontal position, for directional or non-directional characteristic. Output —56 db (open line); response, 40-10,000 cps. With "on-off" switch, Amphenol MC connectors and 20 ft. cable. Both models **high impedance.**

K13505—Model 630C. All Chrome Finish \$16.17
Your Cost
K13506—Model 630G. Light Gunmetal. \$14.70
Your Cost

Electro-Voice Carbon Mike



Model "75". New, streamlined 2-button carbon mike, with internal shock absorber. 200 ohms per button. Has $\frac{1}{2}$ "-27 stand coupling. With 6 ft. cable, less stand. **\$4.41**

K13414—Your Cost
Light Gunmetal Stand for above. Dim.: 4" H. x $\frac{1}{2}$ " dia.
K13422—Your Cost 88c

Electro-Voice Velocity Microphone



Has an extremely high output, due to new and larger magnets, and is so ruggedly built that it is impervious to rough handling. Incorporates built-in switch; Amphenol cable connectors; 20-ft. shielded low-capacity cable; built-in shock absorber and an instantly adjustable locking cradle. Output —65 db. Substantially flat freq. response from 40-10,000 cps. Zero cavity resonance, reduced feedback and lower reverberation characteristics. $6\frac{1}{2}$ " x $2\frac{1}{2}$ ". Finished in Gunmetal Grey with Chrome Trimmings. Has built-in transformer. Hi-impedance. Model VI.

K13722—Your Cost \$14.70

New Electro-Voice "610" Dynamic Mike



Designed especially for long enduring service, even in tropical climates. Head tilts from horizontal to vertical, making it directional or non-directional. Has built-in shock absorber; lightweight, non-resonant DUREV diaphragm; locking Amphenol connectors, and 8 ft. of low-capacity cable. Made of Bakelite and metal; impervious to heat, salt air, pressure changes, etc. Response 40-8,000 cps.; output —58 db. (open line). Gunmetal finish. **High impedance.**

K13713—Your Cost \$13.23

Electro-Voice Model 600 Dynamic "Mobile" Mike



A durable dynamic type microphone, for Mobile Public Address, Aircraft, Police and general work. Shaped to fit the palm of the hand; weighs only 13 ounces. Designed especially for blast-proof high-fidelity close-talking purposes. Output —57 db. Has a rising frequency response characteristic, for clear faithful speech reproduction. Impervious to heat, moisture, rough handling, salt air and barometric changes. Finished in attractive wrinkle; supplied complete with built-in "on-off" switch and 8 feet of cable. High-impedance only. Shpg. wt. 3 lbs.

K13736—Your Cost \$14.70

JT30-31 X'tal Mikes



Wide-range, semi-directional crystal microphones of contemporary design and at popular prices. Has fixed angle position, for optimum use, and Bimorph crystal that is completely moisture sealed. Output —52 db. Flat response 30-6000 cps., with downward slope above 6000. Equipped with $\frac{1}{8}$ "-27 thread. JT-30 has spring cable protector, 7 ft. of cable; JT-31 has concentric cable connector and 25 ft. of cable. Both finished Opal-Grey. Shpg. wt. 2 lbs.

K13570—JT-30. Your Cost \$9.70
K13561—JT-31. Your Cost \$11.17

ASTATIC MIKES



"DN" Dynamic Mike

New, improved dynamic microphone. Incorporates new-type moving coil system that assures long life, high sensitivity and response. Tilting head swivel mount, for semi-directional pickup. Output —55 db.; response flat from 50-7000 cps. Finish Opal-Gray. With plug, connector ($\frac{1}{8}$ "-27), spring cable protector, and 25 ft. cable. Hi-Impedance. Model DN-HZ.

K13551—Your Cost \$13.23

"T-3" Crystal Mike



Improved, new model with superb response and flexible design features. Tilting head controls directional characteristics. Tilts from horizontal to vertical. Output —52 db., response 30 to 10,000 cps. Standard plug and connector, with $\frac{1}{8}$ "-27 thread, spring cable protector and 25 ft. cable.

K13670—Shpg. wt. 2 lbs. \$14.70
Your Cost
Model GT-3. "T-3" microphone, with "Grip-to-Talk" Stand. Shpg. wt. 5 lbs.
K13525 \$17.64
Your Cost

"D-104" Speech Range X'tal Microphone



Speech range microphone, especially suitable for amateurs, etc. Has reduced feedback tendencies; new type Grapholite crystal element, and improved shockproof mounting. Output —48 db.; response rises from 500 to 4000 cps. Bright chrome finish. With plug and connector with $\frac{1}{8}$ "-27 thread, spring cable protector and 8 ft. cable. Shpg. wt. 2 lbs.

K13363—"D-104". Your Cost \$13.23
K13575—"D-104H". As above, but hand-type. Your Cost \$14.40
K13578—"D-104HS". As D-104H, but with switch. Your Cost \$14.99

"D-2" Dual-Diaphragm Crystal Microphone



Non-directional Watch-Case Model. Incorporates parallel Bimorph crystal element in moisture-sealed cartridge. Output level: —60 db. Frequency response uniform from 30 to 10,000 cps. $2\frac{1}{4}$ " dia. Equipped with plug and connector with $\frac{1}{8}$ "-27 thread, spring cable protector and 25 ft. cable. Bright chrome finish.

K13620—"D-2". \$14.70
Your Cost
K13621—"D-2H". As above, but hand type. With 8 ft. cable. Your Cost \$15.88

Model "K-2" Dual-Diaphragm Crystal Microphone



Non-directional microphone, recommended for recording and professional use. Has dual-diaphragm, multi-unit design, with special shockproof internal mounting features. Output —60 db.; response 30 to 10,000 cps., with rising characteristic above 6000 cps. Its design permits use of much longer cable lengths than with ordinary crystal mikes. With standard plug and connector, $\frac{1}{8}$ "-27 thread, spring cable protector and 25 ft. cable. Finish bright Chrome. Dim.: $1\frac{1}{2}$ " dia. $3\frac{1}{2}$ " ht. overall. Shpg. wt. 3 lbs.

K13418—Your Cost \$16.17

AMERICAN Carbon Mike Hand-Desk Type



Fine 2-button carbon mike. Stretched dural diaphragm. Rubber mounted yoke has $\frac{1}{8}$ "-27 female thread to fit any type stand. Polished chrome finish $2\frac{3}{4}$ " diameter. Converted to hand type with handle listed below and to desk type with base plus handle. Shpg. wt. 3 lbs.

K13658—Mike only \$4.41
Your Cost
K13659—Handle only. Your Cost 88c
K13660—Base only. Each 59c

"MU-2" and "MU-4" Multi-Unit Crystal Microphones



Recommended for high-fidelity reproduction. MU-2 has 2 cartridges with 4 diaphragms. MU-4 has 4 cartridges with 8 diaphragms. Response to 10,000 cps. Output —56 db. Has tilting head. Finish Chrome and black. With plug and connector with $\frac{1}{8}$ "-27 thread, spring cable protector and 25-ft. cable. Shpg. wt. 3 lbs.

K13371—MU-2. Your Cost \$17.34
K13372—MU-4. Your Cost 523.22

BRUNO "MS" No-Voltage Velotron Microphone



Requires no exciting voltage of any kind. Bi-directional characteristics. Output —50 db.; response 70 to 9000 cps. Hi-impedance; permits use up to 1000 ft. of cable with only 8 db. loss. Finish, silver wrinkle. With male connector terminal; less cable. Shpg. wt. 4 lbs.

K13557—Your Cost \$7.94
25 ft. of cable, with female connector, for above. Shpg. wt. 6 lbs.
K13685—Your Cost \$1.47

TRUATEST "25" Carbon Mike



A high-quality two-button carbon mike for better work. Range, 45 to 7000 cycles. Heavy, chromium plated frame. Has pure gold (24 K.) contacts; duraluminum diaphragm. 3" diameter, 2" deep. With suspension rings, for ring stand mounting. Nickel finish. Shpg. wt. 3 lbs.

K13420—Your Cost \$3.95

"Grip-to-Talk" Stand



Grip-to-talk Desk Stand, for all above Astatic microphones. Overall height is 11". Upright is finished in chromium; base is finished in telephone black.

K13373—Wt. 3 lbs. \$5.88
Your Cost

BRUNO Close Talking No-Voltage Velotron



For use as hand or desk microphone, where close-talking and minimum extraneous noise pickup are essential. Output —50 db.; response 70 to 9,000 cps. Hi-impedance, for direct to grid connection. Rubber mount fitting permits mtg. on any connector, fitting, or conventional size stand tubing. Finish crystalline gray. With 12-ft. cable. Shpg. wt. 4 lbs.

K13558—Your Cost \$4.70

Perfect Merchandise - Prompt Shipment - Personal Service



KONTAK Mike For Musicians



The Amperite Kontak mike faithfully reproduces the vibration of any musical instrument to which it is attached. It reproduces the entire audible range without introducing any annoying peaks; gives life-like performance. Used extensively by famous "name" bands throughout the country; has been used by the Philadelphia Symphony Orchestra to re-inforce a mandolin solo. Increases timbre—creates new, beautiful effects. High output, for low or high gain amplifiers, — 30 db. Range 40-9000 c.p.s. **With 25-ft. cable.**

K13661—Model KTH. Hi-imped. **K13662**—Model KTL. 200 ohms. **Either Type, Your Cost, \$12.94**

Standard Model. Frequency response 40-6000 c.p.s. —40 db. output. 15 ft. cable.

K13675—Model SKH. Hi-imped. **K13676**—Model SKL. 200 ohms. **Either Type, Your Cost, \$7.06**

Kontak Mike With Built-in Vol. Control



Same as above, but with built-in volume control. Output, models listed below, —30 db. 2x1 1/2".

K13690—Model KKH. Response 40-6000 c.p.s. With 25 ft. cable. **Your Cost, \$10.58**

K13691—Model KKH. Response 40-9000 c.p.s. With 25 ft. cable. **Your Cost, \$16.46**

Boosting Transformer



For operating any Amperite Kontak mike through radio set or record player. Connects to phono input or across the volume control in the set.

Shpg. wt. 2 lbs. **K13579**—Your Cost, **\$1.76**

Foot Volume Control For Kontak Mikes



Smooth control of volume by foot is possible with this unit. Permits smooth crescendos. For any Amperite hi-impedance contact mike. Size: 9 1/2 x 2 1/2 x 1 1/2" high. With 16-ft. cable. Shpg. wt. 4 lbs.

K13663—List \$12.00. **Your Cost, \$7.06**

Bridge Clamp For Kontak Mike



Facilitates installation of Kontak mike on any flat top instrument. Adjustable from 1/8" to 1 1/4". Plated.

K13686—Your Cost, **\$9.94**

AMPERITE Models RBHK & RBMK with Acoustic Compensator

The most efficient velocity microphones available today. Provide studio type reproduction. Extremely rugged; hand-hammered ribbon will withstand a 40 mile gale. New type nickel-aluminum magnets provide 8 db higher output than other or older types. Have removable cable plug assembly, "on-off" switch, felt carrying case. Can be used uni or bi-directional. **Guaranteed for 3 years.** Models RBHK and RBMK feature the Acoustic Compensator that permits complete frequency adjustment. Simply push knob up to increase highs, down to increase lows. Range 40 to 11,000 c.p.s. Output minus 65 db. Triple shielded. Complete with 25-ft. cable. Gunmetal finish. Shpg. wt. 8 lbs. **List \$42.00.**

K13688—RBHK. High Impedance. **K13669**—RBMK. 200 ohms. **Your Cost, Either Model, \$24.70**



RBHn and RBMn Without Acoustic Compensator

Similar to RBHK and RBMK, but without Acoustic Compensator. Polished gunmetal finish. With 25-ft. cable. **K13565**—RBHn. High Impedance. **K13614**—RBMn. 200 ohms. **\$24.70 Each**

Models RBBn and RBBHn

For unusual feedback conditions such as in picking up an entire stage performance. Does not have Acoustic Compensator. Polished gunmetal finish. With 25-ft. cable. Shpg. wt. 6 lbs.

K13612—RBBHn. High Impedance. **K13616**—RBBn. 200 ohms. **\$24.70 Each**

AMPERITE Models RAL and RAH

Built to Amperite standards. No peaks. Flat response over entire audible range. Output minus 68 db. (open line). With swivel bracket, shock absorber and carrying bag. Gunmetal finish. Shpg. wt. 7 lbs. **K13618**—RAL 200 ohms. With 8-ft. cable. **K13619**—RAH. 2000 ohms. With 12-ft. cable. **List \$22.00.** **Your Cost Each, Either Model, \$12.94**

CHROME FINISH: All Amperite mikes and stands shown on this page with gunmetal finish can be furnished with chrome finish at no additional cost. Please be sure to specify chrome finish, when desired; Kontak Mikes excepted.

AMERICAN Dynamic and Crystal Mikes

All AMERICAN mikes are furnished with Amphenol connectors and a length of shielded rubber covered cable.



Model C6 Crystal Mike (A)

New, improved crystal mike in polished chrome case 3" high, 2 3/4" diameter. New construction results in improved wide range response, extra sensitivity, less mechanical noise. Tilt swivel has 1/8"-27 thread. With 7-ft. cable. Shpg. wt. 2 lbs. **K13580**—List \$16.50. **Your Cost, \$9.70**

Model D7-T Dynamic (B)

All purpose, rugged dynamic mike in chrome finished case 2 3/4 x 2". Excellent for P.A. use, indoors or outdoors. Minimum feed back. **High impedance, 10,000 ohms.** Output level approx. minus 55 db. Semi-directional. With 3/8"-27 connector; 12 1/2-ft. cable. Shpg. wt. 3 lbs. **K13486**—Each, **\$13.23**

Model D7: As above, but low impedance (50 ohms). **K13483**—Each, **\$11.76**

Model D8-T Dynamic (C)

Compact dynamic mike in platinum chrome finished case 3 1/2 x 2". Ideal for speech and music. Output approx. minus 65 db. **High impedance, 38,000 ohms.** Swivel mounting permits semi or non-directional pickup. With 12 1/2-ft. cable. Wt. 3 lbs. **K13470**—Each, **\$14.70**

Model D6-T Dynamic (D)

Improved dynamic in chrome finished case. **Output minus 46 db.** Response 50 to 7000 c.p.s. Has threaded tilt attachment. **High impedance, 38,000 ohms.** With 12 1/2-ft. cable. Shpg. wt. 3 lbs. **K13689**—Your Cost, **\$16.17**

Model D5-T Dynamic (E)

Streamlined dynamic in chrome finished case 3 1/2" long, 2 1/2" diam. **High impedance, 38,000 ohms** (built-in transformer). Output minus 50 db.; range 50 to 8,000 c.p.s. No pronounced peaks. Complete with tilt swivel for 1/8"-27 thread and 25-ft. cable. Wt. 6 lbs. **K13456**—Your Cost, **\$19.10**

Model D5: As above, but low impedance (50 ohms). **K13472**—Your Cost, **\$16.17**

All dynamics have Alnico magnets and Hi-Perm Trans.

AMPERITE Models

RSHk & RBSK Now with Acoustic Compensator

Highly efficient, low cost velocity microphones now furnished with the Amperite Acoustic Compensator that permits complete frequency adjustment. You simply push the compensator knob up to increase the highs, push down to increase the lows. Excellent for both speech and music. High output, minus 68 db. Frequency range 60 to 8,000 c.p.s. With cable connector and 12-ft. cable. Gunmetal finish.

K13598—RSHk. High Impedance. **K13599**—RBSK. 200 Ohms. **List \$32.00.** **Your Cost Each, \$18.82**



AMPERITE DeLuxe Model SR-80

Professional type Studio velocity microphone that provides unsurpassed results. Output minus 66 db. Frequency range flat within 1 db from 40 to 16,000 c.p.s. Triple shielded. Has built-in "on-off" switch. Excellent for both speech and music. **High impedance** (models with 50 and 200 ohms impedance available on order). Shpg. wt. 10 lbs. Gunmetal finish. With 25-ft. cable.

K13463—Hi-Imp. **Your Cost, \$39.20**



LGP Input Matches 50 or 200 ohms to hi-impedance input. Can be used with cable up to

2000 ft. Standard type for close-talking mikes; laboratory type for all voice and music. **K13608**—Standard. Each, **\$3.53** **K13609**—Lab. Type. Each, **5.88**

Replacement Ribbons

High grade replacement ribbons for use in all types of Amperite Velocity Microphones. Each package contains two guaranteed ribbons. **K13566**—Standard **Your Cost, 73¢**

K13567—Supersensitive **Your Cost, \$1.03**

Mike Stands Rubber Bottoms

Has new non-sliding, positive clutch—adjustable to move stand up and down without use of clutch. Unusually stable 12-inch base with new rubber shock absorbing bottom. **K13439**—Model FS8—Floor stand. 40 to 60", 1/2"-27 thread. Polished gunmetal finish. Shpg. wt. 15 lbs. **Your Cost, \$8.23** **K13442**—Model DS—desk stand. 3 inches high. Has quiet rubber bottom. Polished gunmetal. Shpg. wt. 7 lbs. **Your Cost, \$2.94**



MICROPHONES and ACCESSORIES

Banquet Stands Adjustable Models



Incorporate "pump-action" and "sure-grip" automatic friction clutch lock. Extra heavy brass; tubing heavily chrome-plated and base finished in modern grey crackle. Rubber bumpers on 7" base. Thread $\frac{5}{8}$ "x27, to fit all standard mikes.
K13353—Adjustable from 10 to 15". Shpg. wt. 5 lbs. **\$1.95**
Your Cost
K13354—Adjustable from 18" to 33". Shpg. wt. 9 lbs. **\$2.75**
Your Cost.....

Standard Banquet Stands

Same features as above, except non-adjustable and all-chrome.
K13582—3 $\frac{1}{2}$ " high. Heavy base. Shpg. wt. 5 lbs. **\$1.45**
Your Cost
K13583—Two-Tone Model. Same, but base is finished in black wrinkle. Shpg. wt. 4 lbs. **\$1.10**
Your Cost.....

Carbon Mike Stand



Has 5" octagon ring. Provided with 8 springs. Ring is removable. Height 9" overall. Wrinkle-black enamel finish. Shpg. wt. 3 lbs.
K13540—
Your Cost..... **\$1.32**

De-Luxe Banquet Stand

Same as above, but with 6" removable round ring. Height 13" overall. Shpg. wt. 5 lbs.
K13542—
Your Cost..... **\$1.97**

EASTERN Hollow Base Floor Stand



Quality stand, with special hollow die-cast base. Eliminates dented and disfigured shells, and reduces shipping expense. Screw plug permits filling base with sand, etc. Outer Rim of base has rubber guard; overall diam., 10". Tubing section of heavy brass, with variable pressure chuck lock. Adjustments 36 to 67". $\frac{5}{8}$ "-27 thread. All Chrome finish. Shpg. wt. 7 $\frac{1}{2}$ lbs.
K13775—**Your Cost**..... **\$3.75**

Boom Arms for Light Mikes

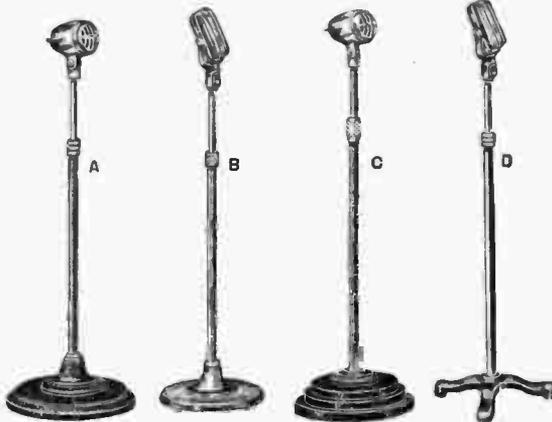
Ideal for studios, for floor shows, for taking sound movies, etc. Both types are chrome plated.
K13776—Non-adjustable. Extends 30" horiz. $\frac{5}{8}$ "-27 thread. Chrome plated. **\$3.65**
Your Cost
K13777—Similar, with adjustment to any angle to 90° of horiz. **\$5.20**
Your Cost.....

Add-A-Mike Channel and Control Unit



Permits use of additional microphone. With single-contact connectors for 2 mikes and 6' cable with connector for amplifier connection. Individual volume control, for each mike input. In attractive grey wrinkle case. Shpg. wt. 2 lbs.
K13778—
Your Cost..... **\$4.75**

Lafayette Floor Mike Stands



All stands made of seamless brass tubing; triple chromium plated. Type "B" models have spun brass shells over heavy cast-iron bases. Models "A", "C" and "D" have heavy cast-iron bases finished in durable platinum grey wrinkle. All of standard height, extending from 35 inches to 68 inches, except Model "C". Latest silent clutch design, finely balanced construction for greatest stability. Each stand threaded $\frac{5}{8}$ "-27 to fit standard microphones. All weights specified below are net. Add 3 lbs. for shipping weight. Microphones not included.
K13647—Model A; Base Dia. 10"; Wt. 10 lbs. **\$3.60**
Your Cost
K13528—Model B; Base Dia. 10"; Wt. 11 lbs. **\$4.65**
Your Cost
K13356—Model B Deluxe; Base Dia. 12"; Wt. 18 lbs. **\$6.90**
Your Cost
K13430—Model C; 3-section demountable; Extends from 17" to 29", 35 $\frac{1}{2}$ " to 47 $\frac{1}{2}$ ", 54" to 66". Base Dia. 9". Wt. 14 lbs. **\$5.45**
Your Cost
K13355—Model D, Tripod; Base Spread 16". Wt. 10 lbs. **\$5.95**
Your Cost.....

Special Portable Telescope Stand

Three-section adjustable, from 26" to 6 ft. Thumbscrew locking device. Base diam. 10". Wt. 10 lbs.
K13646—**Your Cost**..... **\$6.15**

EGLI Improved Floor Stand



Adjusted without any thumbscrews, clutch releases, etc. Simply grasp adjusting section and raise or lower to desired height. Cannot slip or drop. Extends from 38 to 60". Has heavily weighted 10" diam. base, finished in silver grey wrinkle. Tubing finished in satin chrome. $\frac{5}{8}$ "-27 thread. Wt. 10 lbs.
K13780—
Your Cost..... **\$5.95**



Lafayette Velocity Mike
 For use wherever high quality is desired. New triple shielding is featured. Supplied with shock absorber. Response 40-10,000 c.p.c., 2 db. Output, minus 64 db. With 12 ft. of cable. Slate grey. **K13626**—200 ohm (low impedance). **K13627**—High impedance type.
Your Cost..... **\$10.10**

BRUSH Crystal Microphones



Model—AP
 Finest general purpose microphone. Incorporates variable bass and treble tone control. High or low impedance, terminal strip within rear of mike has taps at high, 60, 200 and 500 ohms. Moderately directional, position adjustable. Output —48 db. Finished in satin chrome. With 3-prong plug and socket, and 25 ft. cable. Shpg. wt. 5 lbs.
K13783—
Your Cost..... **\$17.34**



Vibromike—"VM-1"
 Small contact mike, for violins, guitars, etc. Good response and high output, permits use with small amplifiers. Dim.: 1 $\frac{1}{2}$ "x $\frac{3}{4}$ "x $\frac{3}{16}$ ". Shpg. wt. 2 lbs. With 25 ft. cable and mtg. clamp.
K13467—
Your Cost..... **\$10.29**

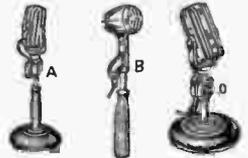


Model—QO
 Newly designed spherical case x'tal unit. Output —54 db., response 30-9000 c.p.s. New swivel design permits tilting. Has floating cartridge, and is not responsive to wind disturbances. Finished in satin chrome. With 3-prong plug and socket, and 25 ft. cable. Shpg. wt. 4 lbs.
K13781—
Your Cost..... **\$16.17**



Model BL-1
 Sound Cell type, for lapel or hand use. Compact and lightweight. Rubber covering overall; guards against rough handling, etc. Has removable lapel clip. With 25 ft. cable. Shpg. wt. 2 lbs.
K13782—
Your Cost..... **\$14.70**

Latest! 3-Purpose Microphone Stand



Ideally for all Portable uses. Instantly convertible to 8" Banquet Stand (A), Microphone Handle (B) or Desk Stand (C). Especially designed to fit modern mikes. Consists of 6" wrinkle platinum grey finish base, 2" chromium plated stem and 4 $\frac{1}{4}$ " wrinkle platinum grey finish handle. Complete with cable connector. Shpg. wt. 5 lbs. Less Microphone.
K13352—
Your Cost..... **\$1.95**



"Aerodynamic" Streamlined Mike and Stand



Pressure operated dynamic microphone with frequency response flat from 100 to 6000 c.p.s. Output —68 db. Impervious to temperature, humidity, etc. Has $\frac{5}{8}$ "-27 thread, adapter. Available in low (250 ohms) and high impedance. With 30 ft. shielded cable. Polished chromium finish.

K13466—RCA No. MI-6226D. 250 ohms. Shpg. wt. 4 lbs. **\$11.73**
Your Cost.....

K13465—RCA No. MI-6228B. High impedance. (40,000 ohms.) **\$12.91**
Your Cost.....

Table Stand, illustrated, finished chromium and black, with felt covered base. Wt. 3 lbs.
K13478—
Your Cost..... **\$2.20**

RCA Home Broadcasting Mike

High-efficiency one-button hand microphone, at a sensationally low price. Excellent for home broadcasting, phono oscillators, home recording, etc. Can be also used in certain types of transceivers. Input imp. 1200 ohms. Mike current 5-10 ma. Shpg. wt. 2 lbs.
K13784—
Your Cost..... **73¢**

Universal Phono Player Microphone



An excellent heavy duty single-button carbon mike for use with wireless record players, home talkies, radios, etc. Enjoy all the thrills of broadcasting. Very simple to connect.
K13723—Single-button carbon mike, with connecting cable and tips. With 6 ft. cable. Shpg. wt. 2 lbs. **\$2.74**
Your Cost.....

NOTE:

Write for literature and prices on Astatic Mike-Lite Stands, the latest development in illuminated stands for "spot-lighting" the artist.

MIKE CONNECTORS, JACKS and PLUGS

AMPHENOL '08' Heavy Duty Multiple Connectors



Cadmium finished locking type shells with ring on male plug and matching thread on female cord connector and female chassis connector. Rubber gasket and cable clamp keep strain off plated brass prongs. Overall dimensions of cable connectors coupled: 3 1/4" L x 1 3/8" D. Shpg. wt. 1/2 lb.

Contacts	Male Plug	Female Conn.	Chassis Conn.
8	K13492	K13491	K13269
6	K13553	K13375	K13272
5	K13554	K13376	K13273
4	K13555	K13377	K13274

Any of the above
Your Cost Each **73c**

Miniature Connectors



Molded bakelite connectors in cadmium plated brass shells. Only 1 1/8" long, 1 1/8" diameter. Bakelite element held in place by set screw. When used with shielded cable, shield can be soldered to shell. Accommodates cables up to 3/4".

Male No.	Female No.	Contacts	Your Cost
K13335	K13337	3	18c
K13336	K13339	4	20c
K13333	K13334	5	22c
K13338	K13340	6	22c

Popular Phone Plugs Double Phone Plug



For 1 or 2 phone or speaker cords.

Molded bakelite shell. 2 3/4" long x 3/8" diam. Screw connections.
K14974—Black
K14971—Red Each **17c**
10 For **\$1.60**

Metal Shell Type

Same with nicked brass shell. 3/8" overall x 3/8" diam. **33c**

"Stubby" Metal Shell

As above but with short metal shell. 2 3/4" overall. 10 For \$2.65. **28c**

K14959—Each **28c**

Midget Bakelite Plug

Bakelite shell. 2 1/4" overall x 1/8" diameter. Solder lug connections.
K14960—Black K14963—Red
Your Cost **17c**

Midget Metal Shell

Same with metal shell. 2 1/4" overall x 1/8" diam. K14958. **28c**

Improved Phone Plug

Bakelite shell. No screws to tighten, just insert tips and they're gripped. Has hole for strain loop.
K13830—Each **12c**
10 For **\$1.05**

CARTER No. 2 Flat Plug

Ultra-compact type, for where space is limited. Molded bakelite body. 1 1/8" dia., 3/8" thick. Screw terminals.
K14964—Each **33c**

Extension Cord Connector

Has 2 openings, at either end, for inserting two pin tips. Molded insulation body.
K13051—Each **8c**
12 For **85c**

AMPHENOL Heavy Duty Power Plugs



Underwriters approved. 4 extra heavy prongs rated at 15A.-125V. or 10A.-250V. Dirt and moisture proof. Cable clamp adjustable to 1/2". Connectors coupled—3" long x 1 1/8" diam. POLARIZED, with numbered contacts to facilitate wiring. Fully shielded. Male and female elements are interchangeable, so that male prongs can be kept at dead end of circuit. Shell may be used as fifth conductor.
K13314—Male (ring) **51.47**
K13316—Female **1.47**
Panel receptacle (illustrated) Female. Mounts in 1 1/4" hole. Has thread for male plug ring.
K13320—Receptacle **51.47**
Yoke for mounting receptacle in Gen type box.
K13321—Yoke only **9c**
K13322—Chrome Wall Plate for above **44c**

AMPHENOL Single-Conductor Pin-Type Connector



Polished chrome, brass shell. Bakelite elements. Screw type coupling ring locks male and female. Shell may be utilized for 2nd conductor.
K13286—Male, with Ring.
K13287—Female, with Thread.
Your Cost Each **38c**
K13288—Female (See "C"), complete, for chassis mtg. Each **24c**

2-Conductor, Pin-Type



Similar to above, but two parallel contacts for 2-conductor shielded cable and twisted pairs.
K13289—Female (A) Connector.
K13290—Male (B) Connector.
Your Cost Each **47c**
K13292—Female (C) Chassis connector, complete. Each **27c**

AMPHENOL Single-Conductor Mike Connectors



Locking type chromium-plated brass cable connector for single wire shielded cables. Cable shield solders to spring cord protector, grounding it to shell. Accommodates cables up to 1/4" dia.
Type MC1F—Female
K13359—A—Your Cost **29c**

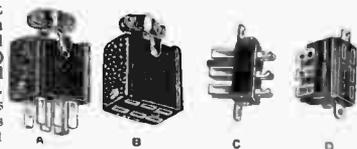
Type MC1M—Male connector.
K13360—B—**24c**
Your Cost

Type PC1M—For chassis.
K13361—C—For 1/2" hole. **18c**
Your Cost

Type CL-PC1M—Closed circuit connector. Closes circuit automatically when mike is disconnected.
K13268—D. **24c**
Each

Jones Multiple Plugs and Sockets

A series of multiple contact plugs and sockets in both heavy duty (25 ampere) and standard duty (5 ampere) sizes. Cable type plugs and sockets have cable clamps. Chassis type have brackets—standard duty type at sides.



TYPE A PLUGS

Standard Duty	Heavy Duty
Stock No.	Stock No.
K12460 18c	K12400 37c
K12461 21c	K12401 45c
K12462 24c	K12402 54c
K12463 27c	K12403 62c
K12464 31c	K12404 70c
K12465 34c	K12405 79c

CHASSIS TYPE PLUG (C)

K12472 9c	K12426 27c
K12473 12c	K12427 31c
K12474 14c	K12428 35c
K12475 17c	K12429 39c
K12476 20c	K12430 43c
K12477 23c	K12431 48c

TYPE B SOCKETS

Standard Duty	Heavy Duty
Stock No.	Stock No.
K12466 18c	K12412 40c
K12467 22c	K12413 50c
K12468 27c	K12414 61c
K12469 30c	K12415 71c
K12470 35c	K12416 81c
K12471 39c	K12417 91c

CHASSIS TYPE SOCKET (D)

K12478 9c	K12406 30c
K12479 12c	K12407 36c
K12480 17c	K12408 42c
K12481 20c	K12409 48c
K12482 24c	K12410 54c
K12483 26c	K12411 60c

AMPHENOL Shielded—Locking Mike Connectors 3 & 4 Conductor

MC Series With polarized shells. Can be used on 5/16"-27 standards. Locking ring on male, and cable clamps on both with spring cord protector. Bakelite elements interchangeable. Chrome plated brass shells. Coupled: measure 2 3/4" long x 3/8" diam. Chassis connector is female and fits 1 1/8" hole.



K13489—3 contact Male plug.
K13490—3 contact Female Connector.
Either Above, Each **59c**
K13396—3 contact Chassis Connector for 1 3/16" hole. **29c**
Each
K13488—4 contact Male plug
K13499—4 contact Female Connector.
Either, Above, Each **64c**
K13397—4 contact Chassis Connector, for 1 3/16" hole. **32c**
Your Cost Each

Special Chassis Type

Similar to above, for thicker panels. Up to 3/4" for female, 3/8" for male. Recessed contacts. For type 96, connectors.

K13307—3 pr. Female **59c Ea.**
K13308—3 pr. Male **59c Ea.**
K13309—4 pr. Female **64c Ea.**
K13310—4 pr. Male **64c Ea.**

YAXLEY Plugs & Jacks



No. 75. Bakelite Shell. Screw term. Two Conductor. **29c**
K6295—Your Cost
No. 75N. Same, with nickel shell. **44c**
K6293—Your Cost
No. 75A. Same, nickel shell with special cable clamp. **\$1.32**
K6346—Your Cost
No. 75TC. Bakelite Shell, with loop for tie-cord. **35c**
K6345—Your Cost
No. 75NTC. With tie cord loop and nickel shell. **50c**
K6294—Your Cost



No. 100. 2-way Extension Jack. Fibre shell. **44c**
K6348—Your Cost
No. 100A. Same as above, but with nickel shell and cable clamp. **\$1.47**
K6349—Your Cost

Microphone Plugs—Jacks

No. 76. 3-Way Mike plug. Bakelite shell. **59c**
K6296—Your Cost
No. 101. 3-Way Mike Jack, for above plug. Fibre shell. **88c**
K6343—Your Cost

Locking Pin Plugs

Shielded male and female pin-type connectors, for chassis mtg. Locking type. Brass, cadmium finish. Single contact.
K12484—Small, 1 1/8" L. For up to 3/8" cable. **44c**
K12485—Medium, 1 3/8" L. For up to 3/4" cable. **44c**
K12486—Large, 2" L. For up to 1 1/2" cable, with heavier pin contact. **59c**
Your Cost Each



Shielded 3 Way Microphone Plug



Barrel is made of nickel plated brass. Fully insulated bushing.
K13519—Your Cost **67c**

As above but with bakelite barrel.
K13521—Your Cost **39c**

Shielded 3 Way Jack



Phosphor bronze spring jack. Nickel-plated brass shell.
K13520—Your Cost **67c**
K13522—Jack, less shell. **25c**
Your Cost

New! Locking Type Shielded Telephone Plug



Cannot be accidentally removed from its jack. With panel receptacle which replaces hex nut of present jack. Nickel finish. 2 1/4" L x 3/4" dia.
K13294—2-Term. (Phone) **98c Ea.**
K13295—3-Term. (Mike) **\$1.12 Ea.**

Midget Jacks

Bakelite insulation. 3/8" mtg. hole.
K6548—Closed circuit jack. **14c**
K6549—Open circuit jack. **14c**
Each
10 For **\$1.25**
K6550—New Imp Short Jack. 3-circuit for 3-way plugs. **18c**
Your Cost Each

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

★ P. A. ACCESSORIES ★

CENTRALB ECONOMY P.A. CONTROLS

Straight Fader
For use with high impedance input devices, xtal pickups, mikes, etc. Provide smooth quiet fading from one source to another. Each control tapped at center. Commonly used in PA amplifiers, and some receivers as AVC and audio load resistor.

Stock No. Resistance Each Side c.t. **Your Cost**
K9004 500M **\$1.18**
K9005 1 Meg.

Gain Control
Similar to above but without center tap. Used as ordinary gain control.
Stock No. Resistance Each
K9000 250M **\$1.03**
K9001 500M
K9002 1 Meg.
K9003 2 Meg.

"Delta-T" Pad

Dual control maintaining constant impedance to both sides. For special sound amplifiers, recorders, etc., requiring an efficient, noise-free "T" Pad.
Stock No. Imp. Each
K9006 50 ohms
K9007 200 ohms **\$2.06**
K9008 500 ohms

UTAH "T" & "L" Pads

Open frame type mounts in single 1/8" hole; dim., 2 1/8" dia., 2 3/8" deep. 10 and 15 watt pads supplied in open frame type. 8 watt pads are all enclosed dual frame type, 1 1/8" dia., 1 1/2" d.
8 Watt "L" Pads
Stock Imp. Stock Imp.
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" and 10 Watt "T"
Imped. Stock No. Stock No.
Ohms 15W.—"L" 10W.—"T"
8 K6567 K6571
16 K6568 K6572
50 K6394 K6396
200 K6395 K6397
500 K6569 K6573
1000 K6570 K6574
Ea. \$1.91 Ea. \$2.20

IRC A-21 Attenuators 20-Step

Utilizes a molded motor commutator switch with conducting segments of drawn copper and clock-spring connector. Exceptionally low noise level. Potentiometer or ladder networks available. Attenuation from 0 to Infinity in 21 steps. Has removable cover and calibrated dial. Dim.: 2" l. x 2" dia. Mtg. holes 1 1/2" apart.
Stock No. Imp. Network Your
No. Ohms Type Cost
K7741 50 Ladder \$6.86
K7742 200 Ladder 6.86
K7743 250 Ladder 6.86
K7744 500 Ladder 6.86
K7745 1/4 Meg. Potent. 6.62

AMPHENOL Speaker Plugs

1-piece molded bakelite. Solid construction; speaker cables easily wired.
K11512—4 prong
K11513—5 prong
K11514—6 prong **6 1/2¢ Ea.**
K11515—7 prong
K11516—8 prong **8¢ Ea.**

Speaker Plugs

Molded connectors designed to fit the standard tube socket caps.
No. Prongs Each
K11666 4 **9¢**
K11667 5
K11668 6 **12¢**
K11670 7 S
K11669 7 L
K11671 8 octal

Bakelite Speaker Plugs

With Sure Grip Handles
Female Your Cost Prongs No. Male Your Cost
K11528 4 K11532
K11529 5 K11533
K11573 6 K11678
K11674 7 L K11679
K11675 7 S K11680
K11676 8 K11672

Rubber Capped Male and Female Plugs

Molded rubber. Standard socket arrangement of holes and prongs. Ideal for outdoor use. Prevent broken cables.
Male Your Cost Prongs No. Female Your Cost
K11705 4 K11710
K11706 5 K11711
K11707 6 K11712
K11708 7 S K11713

Mike Connectors

For single conductor shielded cable. Self-wiping contacts. Locking type. Solid brass, finished in gunmetal. All have 3/8"-27 thread.
K11658—Type F. Female **29¢**
Your Cost Each
K11659—Type M. Male **24¢**
Your Cost Each
K11660—Type C. Male, for chassis. 3/8" dia. hole. Each **18¢**

Reducers and Swivels

Made of solid brass, chrome plated.
Reducers
Stock No. Top Male Bot. Fem.
K13347 1/2" pipe 3/8"-27
K13351 3/8"-27 1/4"-27
Swivels
K13343 1/2" pipe 3/8"-27
K13345 3/8"-27 1/4"-27
K13346 3/8"-27 1/4"-27
Your Cost Each, Any Type Above... 45¢

AMPHENOL Connectors

Steel clad, 1 1/4" diam., 1 1/4" long. Male and Female available with top or side outlets.
Male Connectors
Top O'prg. Side O'prg. Pr. Each
K11471 K11579 4
K11472 K11580 5
K11473 K11581 6
K11474 K11582 7S **15¢**
K11490 K11583 8
K11506 K11584 9
K11507 K11585 11 **17c**
21c

Female Connectors
K11475 K11586 4
K11476 K11587 5
K11477 K11588 6
K11478 K11589 7S **15¢**
K11491 K11590 8
K11508 K11591 9
K11509 K11592 11 **17c**
21c

Locking Metal Sleeve Connectors

Designed to fit over the male and female connectors shown above. Cadmium plated steel. Diameter 1 1/2", length 2 3/4". Pr. consists of one "A" and one "C".
K11479—Your Cost, **15¢**
Per Pair
Chassis Type. Female is shown at "A". Male is shown at "B".
K11484—**15¢**
Your Cost, Per Pair

YAXLEY Pin Plugs

Bakelite insulation, polarized plugs. Positive spring contacts.
K6375—No. 635. 7-prong male.
K6379—No. 645. 7-prong female.
Your Cost, 59¢
Either Type
K6376—No. 625. 12-prong male.
K6380—No. 615. 12-prong female.
Either Type, Each... 73c

Microphone Neckstand

New, novel mike stand. Fits around neck and holds microphone close to mouth. Leaves both hands free, and minimizes feedback. Slips over head easily and comfortably; weighs only 12 oz. Designed to fit any microphone; has 3/8"-27 thread on flexible gooseneck which may be adjusted to any position. Shpg. wt. 2 lbs.
K11656—Less switch **\$3.50**
Your Cost
K11657—With switch **\$4.09**
Your Cost

Etched Dial Plates

Etched aluminum and black dial plates, calibrated 0-10 in 300°. 2 1/4" high by 1 1/4" wide, with four mounting holes.
Specify marking desired.
Plain Record
Gain Microphone
Tone Master Gain **12¢**
K9904—6 For 57c Each

CRYSTAL MIKE CABLE

Flexible stranded tinned copper single conductor; tinned copper braid shield; cotton wrap and lacquered braid, rubber overall.
K20842—Per Foot. **4¢**
K16333—50-Foot Roll **\$1.70**
K16334—100-Foot Roll **3.25**

Low Impedance Crystal And Velocity Mike Cable

Consists of two conductors, color-coded in a closely woven tinned copper shielding with outer covering of rubber. Abrasion proof. Shpg. wt. 9 lbs. per 100 feet.
K16079—Per Foot. **5 1/2¢**
K16201—50-Foot Roll **\$2.50**
K16202—100-Foot Roll **4.10**

3 and 5 Conductor Shielded Cable

Three color-coded conductors in tightly woven tinned copper shield. 1/2" outer covering of high-percent rubber. Shpg. wt. 10 lbs. per 100 feet. Wire is stranded. **4¢**
K16145—Per Foot
K16206—50-Foot Roll **\$1.80**
K16207—100-Foot Roll **3.45**
Similar to above, but 5-conductor.
K16100—100 Feet \$5.70
Your Cost per Foot... 6 1/2¢

Flexible Goose Necks

Can be used to make your own neckstand, desk stand, etc. Have 3/8"-27 threads on each end. Finished bright chromium. 3/8" dia.
K11663—12" length. **Ea. .98c**
K11664—7" length. **Ea. .59c**

Microphone Switches

New die-cast case with slide contact switch. With cable strap and knockout hole. Insulated terminals. Chromium. 3/8"-27 stand thread. Shpg. wt. 1 lb.
Stock No. Description Your
Slide Sw. Cost
K11665 3/8"-27 th. **98c**

To fit other size mikes, see reducers and swivels listed at bottom of page.

Mike Cable Clip

Holds mike cable close to stem. Spring tension makes attachment easy to any mike stand. Brass, nickel plated.
K11661—**6¢**
Your Cost Ea.

All Rubber Cable Loop

Keeps mike cable close to stand. Soft rubber; for all stands to 1 1/4" diameter.
K11662—Each **21¢**

Carbon Granules

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

Microphone Springs

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

Public Address Horns and Baffles

RACON Radial Cone Projector



An adjustable cone projector for angular forward and 360° radial projection. Excellent for use where the speaker is hung from the ceiling. Heavy gauge aluminum bell, cast aluminum mounting plate, an acoustic material dispenser and a damped steel back. For 8" cone only. Bell—14" diam. Overall length—24". Shpg. wt. 20 lbs.

K20082—Less speaker Your Cost \$16.17
Special Hi Power 8" Speaker K20080—Your Cost \$6.22

Lafayette "Wall Type" Baffles Fabrikoid Models

An efficient enclosed indoor speaker baffle that assures the utmost in performance from any speaker. These new baffles have a front face inclined at an angle, arrived at after careful research, that provides correct coverage over a wide area when the speaker is mounted at the usual height above the floor. It can also be placed on the floor of a stage where it will project the sound slightly upwards so as to obtain coverage to the extreme rear of the auditorium. Constructed of selected wood veneer covered with attractive durable brown leatherette. Two sizes are available. One for 10" speakers has outside dimensions of: 12" wide, 14" high, 8" deep. One for 12" speakers: 14" wide, 15" high, 10" deep. Complete wall mounting hardware speaker mounting screws and instructions furnished. Shpg. wt. 6 lbs.

K20055—10" Your Cost \$2.95 **K20056—12" Your Cost \$3.75**

Collapsible Floor Stand For Aluminum Baffles



Light weight and fine appearance. Telescoping sections are of seamless steel tubing. Clutch permits quick and simple adjustment from 46" to 78". Finished in black enamel. Rubber-tipped legs.

K20059—Stand Only Your Cost \$5.95



Large Area Provides Excellent Bass Response

K20021—De Luxe Model, Your Cost \$5.95
Economy Model—Where a smaller, lighter, and not so highly polished baffle is desired this model will be found ideal. It is built of wood veneers finished in walnut. Overall dim. are: 14x15x10" deep at top; 10" deep at bottom. Designed for use with the average 12" speaker. Complete wall mounting hardware and instructions furnished. Shpg. wt. 10 lbs.
K20019—Economy Model Your Cost \$3.90

Walnut Paging System Baffle

This polished walnut baffle has been especially designed for De Luxe installations. Will take any standard 6" speaker. Overall dimensions: 8½" high; 7½" wide; 4¾" deep at top; 2" at bottom. With hardware. Shpg. wt. 3 lbs.
K20025—Your Cost \$1.90



RACON "Storm Proof" Marine Horns

For 8" and 12" Cones
 For all outdoor and indoor applications. Reflex construction.

Heavy aluminum bell, finished in battleship grey. Bullet insert of Racon acoustic material. All speaker mounting hardware supplied. **Less adjustable bracket. K20096—For 8" speakers. 13" long; bell opening 18". Shpg. wt. 10 lbs. Your Cost \$9.11**
K20099—For 12" speakers. 16" long; bell opening 23". Shpg. wt. 14 lbs. Your Cost \$16.46
Adjustable Mounting Bracket. Shpg. wt. 12 lbs. Each K20067—8" Bracket \$4.12
K20069—12" Bracket \$4.12

Midget Marine Speakers

Similar to larger units listed above, this design also makes for extremely compact construction. Invaluable where the speaker must be inconspicuous. Bell—10" diam. Overall depth—8". Heavy aluminum bell. Bullet insert of Racon acoustic material. Speaker 5" power type PM. Cap. 5 watts. 6 ohms voice coil. Shpg. wt. 4 lbs.
K20072—Complete \$6.17
Your Cost \$4.41
K20083—Your Cost \$4.41
Miniature Marine Model
 Similar to above but 5" bell—4½" deep overall. Complete with 2" power type PM cone unit. 6 ohm voice coil. Shpg. wt. 3 lbs.
K20084 \$5.00
Your Cost \$5.00



NOTE:

We can furnish on short order any of the large RACON Trumpets, Baffles and Speakers. Write our FREE Consultation Department for recommendations, quotations and free descriptive literature.

Lafayette "Far-Throw" Trumpet



When you must throw a great deal of sound over a considerable distance—use this new Lafayette Trumpet. Constructed of heavy spun steel alloy—yet light in weight. Overall length—36". Bell diameter—24". Designed for 8" cone unit. Mounting fixture welded to trumpet. Bracket with swivel available extra.

K20079—Wt. 9 lbs. Your Cost, Less Bracket \$21.42

Special High Power 8" Cone Unit—For above Trumpet. 8 ohm voice coil. 31 ounce PM magnet. Rated at 15 watts. **\$6.22**
K20080—Less transformer. Shpg. wt. 7 lbs. Your Cost \$6.22

Both Trumpet and Unit When Purchased Together. Your Cost \$24.95
Mounting Bracket.—Consists of base, pipe and adjustable dog-toothed swivel. Shpg. wt. 6 lbs. **K20081—Your Cost \$1.98**

Lafayette De Luxe All-Steel Projector

Constructed of heavy spun steel alloy and will accommodate all types of 12" speakers with or without transformers and those with heavy permanent magnets. Overall length, 20"; bell, 17"; flare extension, 11". Screened breather opening. Finished in baked art metal enamel. The fixture to which the lower bracket or extension can be attached is welded to the baffle. Fixture is tapped to fit standard ½" pipe. Bracket, which is obtainable separately, has a tilting dog-toothed adjustment with swivel and lock nut. Shpg. wt. 9 lbs.

K20077—Your Cost (less bracket) \$6.95

K20078—Bracket only. Your Cost \$1.24



Weather-Proof All-Steel Baffle



Undoubtedly one of the most popular types of baffles this new improved Lafayette model incorporates many new and valuable features. An ideal unit for use in unsheltered outdoor locations or indoors where its extreme compactness is of advantage. It is especially suitable for use with mobile equipment such as sound trucks, police cars, fire cars, etc. Both bell and housing are spun of heavy gauge steel alloy, light in weight, yet very strong. Heavily finished in baked enamel. 22¾" bell. Overall length—17¾". Height from base—27". Comes complete with base and fixture as illustrated. Requires same 8" unit listed with above speaker baffle. Shpg. wt. 25 lbs.

K20046—Your Cost, Less Unit \$18.14

Trumpet and K20080 Unit When Purchased Together. Your Cost \$22.95

ECONOMY Parabolic Baffles

New improved models that are unusually low in price yet highly efficient. Bell is of standard gauge aluminum, 10" long and has an extreme diameter of 17". Speaker housing is of heavy steel and large enough to house any 12" speaker and output transformer. Overall length 20". Shpg. wt. 7 lbs.

K20040—Less Mounting Fixture \$4.25

Your Cost All Steel Model.—Same as above but with steel bell and steel housing. Same dimensions. Shpg. wt. 9 lbs. **\$5.25**

K20054—Your Cost \$5.25
Mounting Fixture.—As illustrated, for mounting speakers anywhere. Has 8" base. Is 14½" high. Black shrivel finish. Shpg. wt. 6 lbs. **K20095—Your Cost \$1.95**

Saddle and Swivel. As above less base and pipe. **K20097 \$3.10**
Waterproof Cover. For above. **K20087 .69c**

Quality SPEAKERS for Every Requirement

LAFAYETTE All-Purpose Dynamics

3 1/2", 5", 6", 8", 10" and 12"



3 1/2"

A line of high quality speakers for general replacement purposes, for light sound duty, etc. Features: practically flat response, when properly baffled, from 100 to 3600 c.p.s.; one-piece cones; cadmium plated frames, etc. All have latest design spiders. All speakers with universal transformers (match any single or p.p. tubes), unless otherwise specified, are furnished with hook-up chart.

3 1/2" Diameter Models

For hearing aids, call systems and midjet radio receivers. Shpg. wt. 3 lbs.

No.	Field Res.	Transformer	Each
K19279	450 ohms	None	\$1.21
K19299	3000 ohms	Universal	1.45

5" Diameter Models

Less Output Transformer. Avge. wt. 4 lbs.

K19261—6 ohms; K19262—450 ohms; K19263—3000 ohms; K19264—1800 tapped at 300.

Your Cost, Each **95¢**

Special Outputs for 5" Speakers

Stock No.	Resistance	For Tubes	Each
K19286	2,000 ohms	25B6, 25L6, etc.	
K19287	4,000 ohms	25A6, 43, etc.	
K19288	10,000 ohms	41, 6G6G, 6A4-LA	

Your Cost Each **30¢**

6" Diameter Models

K19122	6 Ohm	Universal	Each
K19165	1000 Ohms	Universal	\$1.65
K19109	1800 tapped	Universal	
K19166	2500 Ohms	Universal	

For home radios, small p.a. systems, etc. Shpg. wt. each 6 lbs.

No. Field Res. Transformer Each

K19307 1000 Ohms Universal

K19283 1800 tapped Universal **\$2.25**

K19292 2500 Ohms Universal

8" Diameter Models

For the larger home radios, low power public address systems, etc. Shpg. wt. 8 lbs.

No. Field Res. Transformer Each

K19284 1000 Ohms Universal **\$3.09**

K19285 2500 Ohms Universal

10" Diameter Models

For the finest home receivers, medium power P.A. systems, etc. Shpg. wt. 11 lbs.

No. Field Res. Transformer Each

K19294 1000 Ohms Universal **\$3.69**

K19295 2500 Ohms Universal

Special Replacement Speakers

Specially designed speakers for all of the new midjet receivers. Light in weight. Highly efficient in performance. All are furnished less transformer. Shpg. wt. all units 1 lb.

Stock No.	Size	Field	V.C. Ohms	Watts	Each
K19155	2 1/2"	P.M.	4	1	\$0.98
K19111	4"	P.M.	3	2	.93
K19112	4"	P.M.	3	3	1.01
K19113	5"	P.M.	3	2	.97
K19114	5"	P.M.	3	3	1.03
K19115	4"	450 ohm	4	2	1.05
K19116	4"	2750 ohm	4	2	1.05



New powerful magnetic material makes for extreme compactness and lightweight.

*5" speakers have round frames, others square.

LAFAYETTE Standard PM Speakers

A line of all purpose, high quality permanent magnet speakers. Each model matches in sensitivity a comparable field coil type speaker. Employ high permeability magnets, one-piece seamless cones, sturdy plated metal frames. Excellent response. Voice coil impedance, all models, 6-8 ohms. All furnished less output transformer.



No.	Diam.	V.C.	Watts	Depth	Wt., Lbs.	Each
K19268	3 1/2"	6 1/2"	2	2 1/2"	2	\$1.35
K19269	5"	8"	3	2 1/2"	3	1.38
K19270	6"	10"	4	2 1/2"	3	1.80
K19271	8"	12"	5	3 1/2"	5	2.25
K19278	10"	1"	8	6 1/2"	9	3.25
K19272	12"	1"	9	6 1/2"	10	3.65

Universal Tube Transformers for Above

K19273—For 3 1/2", 5", and 6" models.	Your Cost	40¢
K19274—For 8" model.	Your Cost	59¢
K19275—For 10" and 12" models.	Your Cost	75¢

Balanced Armature Magnetics

Employ powerful magnets and balanced armatures. Sensitive and will handle more power than others of similar size. Maintain adjustments indefinitely. Available in chassis form or in walnut finished cabinets having front and back grilles and 6-ft. flexible cord.



Speaker Chassis Only			Speakers in Cabinets		
Stock No.	Diam.	Your Cost	Stock No.	Diam.	Your Cost
K19121	3"	\$0.88	K19106	5"	\$2.55
K19230	5"	.96	K19107	6"	2.85
K19199	6"	1.10	K19108	8 1/2"	2.89
K19119	8 1/2"	1.65			

Special 3" Magnetic Speaker

Highly efficient miniature loudspeaker, for small portables, communication systems, etc. Ruggedly constructed, with powerful magnet and fixed centered armature. Mtg. holes 2 3/8".

K19117—With 3 1/2" Square Mtg. Flange **98¢**

K19121—Speaker Only, less flange. **88¢**



All-Metal Dome Baffle



Sturdy short-flair aluminum horns, for call and inter-office communication

Wall Mounting Enclosure For 6" and 8" Speakers



Especially designed for use with call systems, in restaurant or dance hall installations, etc. Constructed of wood with fabricoid covering. Inclined baffle permits directing sound at an angle, up or down. For use indoors only. Shpg. wt. 3 lbs.

K20041—For 6" speakers. 8 1/2" high, 7 1/2" wide, 4 1/4" deep. **Your Cost \$1.60**

K20042—For 8" speakers. 10 1/2" high, 9" wide, 6 1/2" deep. **Your Cost \$1.90**

systems and public address installations. Finished in battleship gray; with air vents for ventilation. Removable back makes speaker mounting simple. In two sizes, for 5" and 6" dynamics. 5" unit is 6 1/2" long; 6" is 9 1/4" long. **Your Cost \$1.95**

K20070—5" Baffle **\$2.75**

K20071—6" Baffle **\$2.75**

Series "Q" Dynamics 6" and 8" Models



High-efficiency speakers, ruggedly constructed to give a maximum of service. Especially suited for replacement in

service work. All are equipped with universal output transformers to match any tube, in single or push-pull operation.

Stock No.	Diam.	Field Res.	Your Cost
K19334	6"	6 ohms	\$2.00
K19335	6"	1000	
K19336	6"	2500	
K19337	8"	1000	\$2.70
K19338	8"	2500	

UTAH Speakers

"Permo" P. M. Speakers

These speakers are outstanding reproducers. They employ an improved design and composition type of magnet. All completely dustproofed; less output transformers and with 6-8 ohm voice coils.

Stock No.	Diam.	Magnet	Watts	Your Cost
K19326	6"	5 oz.	4-6	\$1.94
K19327	8"	5 oz.	7-11	2.35
K19328	10"	12 oz.	9-14	3.67
K19329	12"	12 oz.	10-15	5.14



Universal Transformers for Above

Output transformers for above speakers, to match any tube or line.

For 6" and 8" Models			For 10" and 12" Models		
Stock No.	Type	Each	Stock No.	Type	Each
K19330	Univ. Line	50¢	K19332	Univ. Line	88¢
K19331	Univ. Tube		K19333	Univ. Tube	

10" and 12" Dynamics

Especially designed for radio receiver replacement work, or for medium P.A. systems. Fine frequency response and rugged construction. All supplied with Universal output transformer. Avge. shpg. wt. 11 lbs.

K19311—10" Diam. 1000 ohm Field.	Your Cost	\$3.82
K19312—10" Diam. 2500 ohm Field.	Your Cost	
K19324—12" Diam. 1000 ohm Field.	Your Cost	\$4.41
K19325—12" Diam. 2500 ohm Field.	Your Cost	



PUBLIC ADDRESS *and* HIGH-FIDELITY SPEAKERS

LAFAYETTE 12" Concert Dynamics Model 12FB

Ideally suited for public address work. Will handle 12 watts continuously, 18 watts peak. Excellent response from 60 to 8,000 c.p.s. (with proper baffling). Pressed paper cone. Full 1 1/4" voice coil with latest design spider suspension. **Impedance 8 ohms** at 400 c.p.s. Heavy steel frame, black enamel finish. Terminal strip on back, fully shielded. Recommended field current 12 watts. **All less transformer.** Wt. 26 lbs. **K19237**—With 2500 ohm field. **Your Cost Each, Any Type..... \$5.75**
Special a.c. model, using type 80 rectifier. **Less tube. \$8.75**
K19239—Your Cost.....



LAFAYETTE 12" PM Dynamics

These highly efficient PM speakers utilize the latest type magnets to insure extremely fine quality. Will handle great audio output without distortion; in listing below, first number indicates normal wattage rating, second number peak wattage (10-15 watts means 10 watts normal, 15 watts peak). Frequency response covers the entire audible range. Construction features include: plated metal frames, ruggedly assembled; dust-proof magnets covered by removable pressed fibre housings. Ideal for P.A. systems, fine radios, centralized systems, etc. **Less transformers.**



Model P12, 10-15 WATT SPEAKER—12"
K19222—1 1/2" diam. voice coil, imp. 6-8 ohms. 12 oz. magnet. Wt. 7 lbs. **Your Cost Each..... \$3.95**

Model P12E, 13-20 WATT SPEAKER—12"
K19227—1" diam. voice coil, impedance 6-8 ohms. 20 ounce magnet. **Less transformer.** Shpg. wt. 9 lbs. **Your Cost Each..... \$6.67**

Model P12F, 16-24 WATT SPEAKER—12"
K19228—1 1/4" voice coil, 6-8 ohms impedance. 31 ounce magnet. **Less transformer.** Shpg. wt. 11 lbs. **Your Cost Each..... \$7.41**

Model P12G, 18-26 WATT SPEAKER—12"
K19224—1 1/4" voice coil, 6-8 ohms impedance. 46 ounce magnet for high conversion efficiency. Shpg. wt. 13 lbs. **Your Cost Each, Less Transformer..... \$9.80**

Model P12GS, 20-30 WATT SPEAKER—12"
K19198—1 1/2" diam., voice coil, 6-8 ohms impedance. 64 ounce magnet. Response 60-7,500 c.p.s. **Less transformer.** Shpg. wt. 15 lbs. **Your Cost Each..... \$12.95**

Model P12H, 22-33 WATT SPEAKER—12"
K19218—1 1/2" diam. voice coil, impedance 6-8 ohms. 112 ounce magnet. Most powerful of its type. Response 50-8000 c.p.s. Shpg. wt. 15 lbs. **Less transformer.** **Your Cost Each..... \$14.80**

LAFAYETTE Concert Dynamics Less Base Model 12F

Identical with the units listed above, but do not have the metal stand-base. Field coils protected by metal housings. Lug terminals for voice coil and field connections. All furnished **less transformer** (suitable transformers listed below). Shpg. wt., each, 21 lbs. **Your Cost Each..... \$5.45**
K19213—With 1000 ohm field
K19214—With 2500 ohm field
K19215—With 5000 ohm field

NOTE: Above speakers are built by the largest speaker manufacturers to Lafayette specifications.

Universal Line and Tube Transformers

For Speaker Model No.	Line Transf. Stock No.	Tube Transf. Stock No.	Your Cost Ea.
P12, P12E	K19190	K19194	\$0.75
12F, 12FB, P12F, P12G	K19191	K19195	.89
P12GS, P12H	K19192	K19196	1.18
P15H	K19193	K19197	1.18

SPECIAL NOTE

The Universal transformers listed above are for use with all Lafayette Speakers listed on this page. UNIVERSAL Tube transformers match the voice coil to any tube, single or push-pull. UNIVERSAL Line transformers match the voice coil to any 500, 1,000, 1,500 or 2,000 ohm line. Average shpg. wt., each, 2 lbs.

PM Speaker Cable



abrasion factor. 18 gauge.

K20920—Your Cost, Per Foot..... **1 1/2 c**
100 Feet For..... \$1.10

Car-Top Horn Carriers



For installation of trumpets on car tops. Maple platform secured with angle irons to 4 suction cups. Fit all metal top cars and fabric tops not wider than 41 1/2". **Shpg. wt. 9 lbs. \$4.12**
K20085—Each.....

Rubber Covered 4-Wire Cable



Ideal for speakers. Heavy rubber cover. Hemp wrapper over each conductor. Will stand up under most severe conditions of use. Conductors color coded. Shpg. wt. 6 lbs. per 50 ft. **K16154**—Per Foot..... **4 c**
100 Ft. For..... \$3.15

CINAUDAGRAPH Air-Column Units and Horns



MODEL FYA UNIT—8"

Handles a steady power input of 15 watts; surges up to 20 watts. Diameter 8", depth 5". 1 1/2" diameter voice coil; impedance 8 ohms. **Less transformer.** Shpg. wt. 11 lbs. List \$31.00. **K19385**—**Your Cost..... \$18.23**

MODEL HWA UNIT—10"

Handles a steady power input of 25 watts; surges up to 30 watts. Diameter 10", depth 6 1/2". 2 1/2" diameter voice coil; impedance 8 ohms. **Less Transformer.** Shpg. wt. 35 lbs. List \$70.00. **K19386**—**Your Cost..... \$41.16**

Units are specially designed "Magic Magnet" speakers that provide a new high in efficiency, power-handling capacity and low cost. The horns are of spun aluminum, in two sections that are easily bolted together. A special handle-bracket is available.

Exponential Horns

Model HU—For use with HWA or SUA. 24" bell, 20" air column. Wt. 4 lbs. **K20090**—Each..... **\$14.41**

Model FX—For use with FYA unit. 24" bell, 28" air column. Shpg. wt. 5 lbs. **K20089**—Each..... **\$18.81**

Handle and Support Bracket
To suspend from overhead.

Model FXA—For FYA unit. Shpg. wt. 4 lbs. **K19388**—Each..... **\$2.06**

Model HUA—For HWA unit. Shpg. wt. 6 lbs. **K19389**—Each..... **\$2.65**

Model SWA—For SUA unit. Shpg. wt. 6 lbs. **K19390**—Each..... **\$3.38**

Model FHS—Floor Stand. Shpg. wt. 16 lbs. **K20204**—Each..... **\$10.29**

CINAUDAGRAPH

"Magic Magnet" Reproducers



Cinaudagraph speakers feature: polyfibrous cone material; voice coil on a quartz cylinder; Niper-mag magnets; no hum; extremely wide frequency response.



MODEL HA 5-8-5"
Power capacity 3 to 6 watts. Voice coil diam. 3/4", impedance 6 ohms. Wt. 3 lbs. **K19376**—Your Cost..... **\$2.35**

MODEL MA 6-8-6"
Power capacity 4 to 8 watts. Voice coil diam. 3/4", impedance 6 ohms. Shpg. wt. 3 lbs. **K19377**—Your Cost..... **\$2.47**

MODEL EZ 8-7-8"
Power capacity 5 to 8 watts. Resonance freq. 110-150 c.p.s. Voice coil 1" diam., impedance 6 ohms. Shpg. wt. 4 lbs. **K19378**—Your Cost..... **\$4.41**

MODEL EZ 8-10-8"
Same as above, but with larger magnet. Wt. 5 lbs. **K19379**—Each..... **\$6.17**

MODEL NZ 10-7-10"
Power capacity 8 to 10 watts. Resonance freq. 80-110 c.p.s. Voice coil 1" diam., impedance 6 ohms. Shpg. wt. 5 lbs. **K19380**—Your Cost..... **\$5.29**

MODEL NZ 10-10-10"
Same as NZ 10-7, but with larger magnet. Wt. 6 lbs. **K19381**—Each..... **\$7.20**

MODEL FB 12-11-12"
12 to 18 watts. Resonance 70-90 c.p.s. Voice coil 1 1/4" diam., 6 ohms. Shpg. wt. 9 lbs. **K19391**—Each..... **\$10.88**

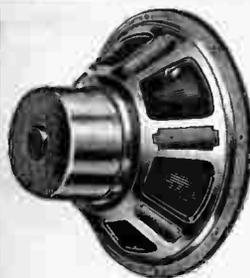
MODEL FY 12-12-12"
Power capacity 15 to 18 watts. Resonance freq. 60-80 c.p.s. Voice coil 1 1/2" diam., impedance 6 ohms. Shpg. wt. 11 lbs. **K19382**—Each..... **\$16.17**

Jensen SPEAKERS

HI-FI DYNAMICS

12" and 15" Models

True high-fidelity speakers of the electro-dynamic type. High efficiency assures maximum conversion of electrical energy into sound. All capacity ratings given below are for continuous operation. All models have 8 ohm voice coils (at 400 cycles) and are supplied less output transformers. Provision has been made for mounting transformers on speaker frames. See listing at bottom of page for suitable transformers.



Stock No.	Model	Size	Watts	Field Ohms	Shpg. Wt.	YOUR COST
K19068	A-12	12"	15	860	21 lbs.	\$10.14
K19070	A-12	12"	15	2500	21 lbs.	\$7.41
K19072	B12-X	12"	14	1250	16 lbs.	\$15.73
K19074	B12-X	12"	14	2500	16 lbs.	\$11.17
K19012	A-15	15"	17	860	16 lbs.	
K19013	A-15	15"	17	2500	16 lbs.	
K19014	B15-X	15"	15	1250	12 lbs.	
K19015	B15-X	15"	15	2500	12 lbs.	

HI-FI PM DYNAMICS

12" and 15" Models

These speakers provide performance identical to that of their equivalent electro-dynamic models, listed at left, and have the additional advantage of not requiring field excitation power. Response range is up to 7500 cycles. "B" models are only slightly less efficient than the others handling somewhat less power. All have 8 ohm voice coils and are supplied less output transformers. See bottom of page for listing of suitable transformers.



Stock No.	Model	Size	Cap. Wats	Shpg. wt. lbs.	Your Cost
K19095	A12-PM	12"	15	18	\$20.43
K19011	PM12-B	12"	14	12	14.70
K19098	A15-PM	15"	17	22	24.25
K19099	PM-15B	15"	15	16	17.64

8", 10" and 12" Standard PM Dynamics

An excellent series of permanent magnet dynamics for use in new installations or to replace older less efficient models. New powerful permanent magnets provide a strong magnetic field assuring maximum performance and high efficiency. Voice coil impedance of all models is 6 ohms (at 400 cycles). No output transformers are supplied. Provisions are made, however, to mount transformers on the speaker frame. For suitable transformers see listing at bottom of this page. Wattage ratings given below are power-handling capacity under continuous duty. All models fully dust proofed.



Stock No.	Model	Size	Watts Cap.	Shpg. wt. lbs.	Your Cost
K19076	PM8-C	8"	8	5	\$5.00
K19088	PM10-C	9"	9	7	6.17
K19092	PM12-C	10"	10	8	7.79

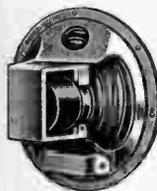
8", 10" and 12" Standard Dynamics Models "C"

High quality dynamics ideally suited for radio receivers, P.A. work, etc. Employ heavy field pots, 1 1/4" 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, 15" models—9 watts but better frequency range. All less output transformers.



Stock No.	Model	Field Res.	Shpg. Wt.	Your Cost
K18988	C8-RS (8")	2500	6 lbs.	\$4.26
K18990	C10-RS (10")	2500	7 lbs.	\$5.29
K18991	C10-RS (10")	1250	7 lbs.	\$5.29
K18992	C12-R (12")	2500	9 lbs.	\$6.32
K18993	C12-R (12")	1250	9 lbs.	\$6.32
K19016	C15-R (15")	1250	11 lbs.	\$7.94
K19017	C15-R (15")	2500	11 lbs.	\$7.94

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	\$1.26
K18957	H4-S	4"	3000	1.26
K18958	H5-S	5"	450	1.35
K18978	H5-S	5"	2750	1.35
K18977	H5-S	5"	3000	1.71
K18979	H5-S	5"	6 volt	1.35
K18980	H6-S	6"	2750	\$1.59
K18981	H6-S	6"	1800 tapped at 300	
K18982	H6-S	6"	6 volts	\$2.29
K18983	F8-RS	8"	2500	
K18984	F8-RS	8"	1000	
K18959	F8-RS	8"	1800 tapped at 300	
K18985	G10-RS 10"	2500	\$4.12	
K18986	G10-RS 10"	1250		
K18987	G12-RS 12"	2500	\$5.15	

18" Speakers



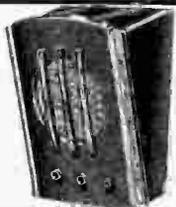
Excellent for theaters, public address systems, fine radios, phonos or wherever the finest possible performance is desired. High Fidelity models have frequency response up to 9000 c.p.s.—Standard Fidelity up to 5500 c.p.s. Power handling capacity—25 watts continuous—40 watts peak. Voice coil 8 ohms at 400 cycles. All A.C. models supplied with rectifier tube. No output transformer included. See listing at bottom of page for transformers.



Stock No.	Model and Type	Field	Shpg. wt.	Your Cost
K18950	M-18 D.C. (Stand. Fid.)	110V. D.C.	68 lbs.	\$42.19
K18951	HF-18 D.C. (Hi-Fid.)	110V. D.C.	68 lbs.	44.25
K18952	M-18 A.C. (Stand. Fid.)	110V. A.C.	78 lbs.	59.34
K18953	HF-18 A.C. (Hi-Fid.)	110V. A.C.	78 lbs.	61.40
K18954	PMJ-18 (Stand. Fid.)	P.M.	88 lbs.	93.91
K18955	PHJ-18 (Hi-Fid.)	P.M.	88 lbs.	95.97

PERI-DYNAMIC Reproducer

Model 3000: Enclosed type for flush mounting. Consists of an 8" PM speaker mounted in a heavy wood cabinet finished in black lacquer and natural walnut. Panel 12 1/4 x 16 1/4". Directs sound downward at an 18 degree angle. Excellent performance. Ideal for centralized radio systems. Less input transformer (6 ohm voice coil). Shpg. wt. 12 lbs. \$10.88



K19096—Your Cost \$10.88
K19102—PERI-DYNAMIC Cabinet only. Your Cost \$5.88

Series "S" PM Speakers

Rugged, compactly constructed permanent magnet speakers. Ideal for replacement or as extension speakers. 5", 6" and 8" speaker voice coils are 4 ohms impedance at 400 cycles; 10" and 12" speakers are 6 ohms. All speakers less output transformer.



No.	Model	Each
K18960	PM4-PS, 4"	\$1.50
K18968	PM5-PS, 5"	1.59
K18969	PM6-PS, 6"	1.94
K18970	PM8-DS, 8"	2.73
K18971	PM10-GS, 10"	4.41
K18972	PM12-GS, 12"	5.79

Universal Output Transformers For "A" Series "S" Speakers

No.	Type	For	Each
K18973	Line	PM & H 4, 5, 6, 8	50c
K18974	Tube	PM & H 4, 5, 6, 8	88c
K18975	Line	PM8 DS	4.41
K18976	Tube	PM8 DS	88c

NOTE: 10" and 12" speakers use transformers listed below.

Model KM Speaker Enclosures



Improved speaker housings providing finer reproduction than that offered by "Infinite" baffles. Incorporate both "Peri-Dynamic" and "Bass Reflex" features, insuring crisp, clear reproduction of all notes. Made solidly of 1/2" ply wood. Finished in double coat of rich brown lacquer. Shipped knocked down, all hardware furnished.

Stock No.	For Speakers	Dimensions H. W. D.	Wt. Lbs.	Your Cost
K18994	8"	23 3/4 x 17 1/4 x 11 1/4"	27	\$9.41
K18995	10"	27 1/2 x 21 x 12 1/2"	38	11.64
K18996	12"	30 1/2 x 23 1/2 x 12 1/2"	47	13.44
K18998	15"	33 1/2 x 25 x 13 1/2"	57	15.64
K18999	18"	36 x 27 1/4 x 15 3/8"	85	24.00

Universal Matching Transformers

Transformers listed match the above speakers to any output tubes, single or push-pull, or to universal line (500, 1000, 1500 and 2000 ohms). Shpg. wt. 4 lbs.

No.	Type	For Speakers	Each
K19022	Univ. Line	PM-10C, PM-12C, PM-8C, G12RS, PM12GS	\$1.32
K19023	Univ. Tube	PM-10C, PM-12C, PM-8C, G12RS, PM12GS	\$1.62
K19024	Univ. Line	A12-PM, B15X, PM15B, C15R, B12X, PM12B	\$2.20
K19025	Univ. Tube	A12-PM, B15X, PM15B, C15R, B12X, PM12B	
K19026	Univ. Line	A15-PM, A-15	\$1.32
K19027	Univ. Tube	A15-PM, A-15	
K18964	Univ. Line	C8-RS, C10-RS, C12-RS	88c
K18965	Univ. Tube	C8-RS, C10-RS, C12-RS	
K18966	Univ. Line	PM10-GS, G10-RS	\$8.88
K18967	Univ. Tube	PM10-GS, G10-RS	
K18961	Univ. Line	M-18, HF-18, PMJ-18, PHJ-18	\$6.86
K18962	Fixed	500 ohm line M-18, HF-18, PMJ-18, PHJ-18	\$2.74

SPEAKER REPLACEMENT PARTS



EXACT DUPLICATE REPLACEMENT CONES FOR STANDARD SPEAKERS



Stock No.	Description	Size	Your Cost
K19506	Ariston Model A	5"	\$0.73
K19555	Airline 62-198, 62-475	5"	.59
K19558	Airline 62-173, 62-177, 62-196, 62-316	6 1/2"	.88
K19559	Airline 62-236, 62-263	5 1/2"	.88
K19558†	Arvin 20A, 20, 25	6 1/2"	.88
K19555†	Arvin 18	5"	.73
K19501	Atwater-Kent F-4 Speaker Part No. 15142, for Models 43, 46, 55, 60, 66, 67	10 1/2"	1.32
K19782	Same as above but for F-2 Speaker, Part No. 14374	10 1/2"	1.32
K19502	A-K 80, 84, O, Q, 246, 525, 735, 856	8 1/2"	1.18
K19507	A-K 711, 112, 511, 810, Part No. 26243	10 1/2"	1.32
K19559†	Belmont 666, 690	5 1/2"	.73
K19511	Bosch 605, 501, 634A, 640	6 1/2"	.88
K19577	Bosch 6A, 39A	7"	.88
K19505	Bosch 48, 58	9 1/2"	1.62
K19512	Bosch 7, R9, 36A, 236, 239, 812CK	7"	.88
K19559†	Chevrolet 985200	5 1/2"	.73
K19619†	Chevrolet 985301 (Mag.)	5 1/2"	.73
K19558	Colonial 164	6 1/2"	.73
K19576	Colonial 33, LL18	12 1/2"	1.61
K19514	Crosley 167-103	6 1/2"	.88
K19617	Crosley M45-40S	8 1/2"	1.47
K19619	Crosley 516 (Magnavox)	5 1/2"	.73
K19594†	Delco 631-A, 640-4099	5 1/2"	.73
K19555	Delco 623-633, 1106-3205	6 1/2"	.88
K19619	Emerson K123	5"	.73
K19583	Emerson 107	5 1/2"	.73
K19583	Fada KU45, 65, 422, 42	10 1/2"	1.50
K19544	General Electric E Series 26, 68, 81, 86, 105, 76	12"	1.18
K19545	General Electric E61	8"	.73
K19560	G.E. A64, A65, 55, A70	8"	.59
K19697	G.E. A52, A53, A62	6 3/4"	.59
K19699	Grunow 566 Speaker		
	BBG-1-1	8"	1.32
K19559	Howard 4400A	6 1/2"	.88
K19701	Jensen PM12C	12"	1.71
K19570	Jensen Series R	5"	.73
K19519	Jensen D7, D8	11 1/2"	1.62
K19578	Jensen T3	5"	.73
K19645	Jensen D9 Inside Spider	11 1/2"	1.70
K19551	Jensen D16	8"	1.32
K19643	Jensen PM8D	8"	1.32
K19526	Magnavox 147, D8, D90, 100	8 1/2"	1.62
K19530	Magnavox 154D, 158, 168, 2 pt.	8"	1.32
K19531	Majestic G1	9"	.97
K19532	Majestic G2	9"	.97
K19533	Majestic G3	10"	1.32
K19533	Majestic G5, G8, G9	12"	1.71
K19626	Majestic G10B, C, D, E	7 1/2"	1.18
K19654	Majestic G26A, C	5 1/2"	.73
K19658	Majestic G19A, B, F, G, 10	1.30	
K19503†	Motorola 34 (Quam)	5"	.73
K19504†	Motorola 44 (Utah 50)	5"	.73
K19536†	Motorola Twin 8-100	8"	1.32
K19536†	Oldsmobile 405062	8"	1.32
K19558	Operadio 2 pt. Spider	6 1/2"	.88
K19555	Operadio M5	5"	.73

Stock No.	Description	Size	Your Cost
K19547	Philco No. 02996-3, 20, 21, 46, 70, 90, 470, 490	8 3/8"	\$0.73
K19552	Philco No. 02861-5, 48, 50, 80, 81, 52	5 3/4"	.59
K19400	Philco No. 36-3170-40, 41, 42, 65, 76, 87, 90, 95, 96, 111, 112	10 7/8"	.82
K19671	Philco No. 36-3169-6, 7, 8, 9, 10, 12, 14, 15, 19, 43, 47, 71, 89, 91	7 1/2"	.59
K19681	Philco No. 36-3014-38, 60, 620	7 1/2"	.59
K19706†	Philco 805	6 1/2"	.59
K19682	Philco No. 36-3029-54, 57	5 1/2"	.59
K19683	Philco No. 36-3000-53	6 1/2"	.59
K19703†	Philco 816, FT-9	5"	.59
K19704	Philco F1540-CBA, P14, P15, P13PZ	6"	.59
K19403*	Ford 1938 RCA 34, 35, 39, 50, 55, 59, 80, 82, 86, RE20, RE59, RAE79	10 1/2"	1.18
K19404*	RCA R6, 7, 8, 9, 10, 11, 12, RE-18, RE-19, 21, 14, 15, 17, 42, 48	10 1/4"	.88
K19405*	RCA R32, 52, RE45, RE76	9"	1.18
K19406*	RCA R28, 28P, RE40, R22, 100, 101, 110, 111, 114, 115, M34-M106	5"	.59
K19407*	RCA R5, R5X, R5 c	7 1/2"	.60
K19410*	RCA R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310	6 1/2"	.59
K19209*	RCA 100A Speaker (mag.)	9"	.59
K19210*	RCA 100B, 103 Speakers	9"	.59
K19495*	RCA C11-1, C13-2, C15-3, 12"	.95	
K19496*	RCA SWA3, R24, R71, R71B	7 1/2"	.73
K19497*	RCA R70, R73, R74, R75, R76, R77, RE81, 123, 128E, 210, 211, 221, 223, 224, 24E, 322, 322E	10 1/4"	.59
K19589	Rola F-4	5"	.73
K19640	Rola F-5	6 1/2"	.88
K19648	Rola F-6, F-8	7 1/2"	1.18
K19588	Rola G12	12"	1.71
K19594	Rola DP5	6 1/2"	.88
K19689	Rola K8	8"	1.32
K19690	Stewart Warner R206, R207, 204A, 102A, 104A	8"	1.32
K19597	St-W. 200A, 950 Series 2 pt. Spider	9"	1.62
K19550	Same as above 3pt. Spider	9"	1.62
K19693	Utah 219B	5"	.73
K19695	Utah 12B (16 ohm v.c.)	12"	1.71
K19756	Utah 6L	6 1/2"	.88
K19619†	United Motors 985200	5 1/2"	.73
K19508	U.S.-Apex-Gloritone 26A (Speaker 2467)	7 3/4"	1.18
K19559†	Wells Gardner 6L	5 1/2"	.88
K19571	Victor RE32, 45, 75, 52	9"	.95
K19574	Zenith 60, 52, 72, LL-18	12 1/2"	1.70
K19517	Zenith 6S52	8"	1.32
K19558	Zenith 808, 809, 805, 845, S29, 6S, 629A	6 1/2"	.88

*—Means genuine RCA-Victor part.
†—Cones for auto radio sets.

Universal Field Coils



Heavy duty universal field coils for use with the larger speakers. Wound with two equal sections from which four leads are brought out. Windings may be connected in series or in parallel to obtain desired resistance; in either case, all of the wire is used and no reduction in field dissipation results. Maximum variation in dimensions should not be greater than 1/4". Complete installation instructions and directions supplied. Reducing bushings and washers furnished. Example: To replace an 1800 ohm field coil, use type A replacement coil and put windings in series; 2500 ohms, use type B, etc.

Code	Nominal	Parallel	Series
A	418.7-1675	375-460	1500-1800
B	625-2500	560-690	2250-2750
C	750-3000	675-825	2700-3300
D	1000-4000	900-1100	3600-4400
E	1250-5000	1125-1375	4500-5500

K19421—1 1/4" hole, 2 1/4" O.D., 1 3/8" high.
K19422—1 1/8" hole, 2 1/4" O.D., 1 3/8" high.
K19423—1 1/8" hole, 2 1/4" O.D., 1 7/8" high.
K19424—1 1/8" hole, 2" O.D., 1 1/4" high.
Your Cost Each, **\$1.82**
10% Discount in Lots of 5 (assorted).

NOTE: When ordering, be sure to give both catalog number and code letter.



Replacement Field Coils



Exact duplicate replacement speaker field coils for standard speakers. We can supply any special or standard field on special order. Give all information on order.

No.	Set or Speaker	Ohms	Each
K19686	Crosley Model 57, 58, 59, 269	10000	\$2.20
K19429	Jensen D7, D8	1500	2.50
K19436	Jensen D9, D15	2500	1.47
K19694	Lyric 9"	5000	4.12
K19446	Majestic G1	3100	3.15
K19447	Majestic G2	2730	3.15
K19657	Majestic G4, G5	7650	3.15
K19678	Majestic G3	2750	3.15
K19463	Majestic G19F, G19G	710	1.59
K19458	Philco 20, 21 (2768)	3100	1.18
K19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (2850)	3200	2.65
K19753	RCA R4	1900	.79
K19411	Rola F4	3000	1.10
K19474	Rola F6, F8, K7, K9	1800	1.40
K19475	Rola F6, F8, K7, K9	2500	1.75
K19679	Stewart-Warner 950	10000	3.95
K19484	Temple All Models	2250	3.45
K19466	Utah Little Giant	2500	1.95
K19486	Victor RE32, 45, 75	3000	2.79

APEX—Gloritone Field Coils



For chassis 26. 11500 ohms tapped at 9040 ohms. Also used in U.S. Radio and Montgomery Ward sets.
K19450—2 1/2" dia., 1 1/2" deep, 1 1/4" hole.
K19655—2 1/2" dia., 1" deep, 7/8" hole.
K19656—2 1/2" dia., 1 1/8" deep, 1" hole.
Shpg. wt. 2 lbs.
Your Cost, Any Type..... **\$1.39**

Celotex Speaker Baffles

We will supply baffles with any size hole, to your specifications, at no additional cost. Specify hole size desired when ordering.

Thick	Size	Hole	1 1/2" Thick
K19714	29c	12x12"	5, 7 or 9"
K19715	59c	18x18"	7 or 9"
K19716	96c	24x24"	7 or 9"
K19717	\$1.95	36x36"	9 or 12"
K19718	3.25	48x48"	None
		48x72"	None
K19793	38c		
K19794	98c		
K19795	\$1.60		
K19796	3.50		
K19797	5.95		
K19799	7.95		

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.
Your Cost..... **34¢**



Cone Centering Shims

Flexible celluloid shims that will last. Sixteen shims in a handy leatherette folder. Contains four each of the following sizes: .0125", .010", .0075" and .005". Take care of all speakers.
K19649—Your Cost, Kit of 16..... **36¢**



SPEAKER CEMENT

For speaker cones and voice coils. Dries rapidly. To be applied with a fine brush. In sealed metal tubes.
K15239—1 1/4" Tube..... **6¢**
Your Cost Each..... **10¢**
K15240—3 1/4" Tubes..... **10¢**
Your Cost Each..... **10¢**



A.C.—D.C. Field Coils

Fit most midget 5" and 6" speakers. Impregnated. Approx. size: 1 1/4" x 3 3/4" hole.
K19477—1000 ohms..... **55¢**
K19478—1500 ohms..... **55¢**
K19479—2500 ohms..... **55¢**
K19480—3000 ohms..... **55¢**
Lots of 12, Each..... **49c**

High Grade Speaker Grille Cloth

Fine quality figured ornamental cloth. Approx. 12x12".
K19609—Each..... **9¢**
10 Pieces For..... **75c**
Grille cloth 50" wide, cut to your specified length.
K20949—Your Cost, Per Yard..... **98¢**



Latest Model TUBE TESTERS

READRITE Units Model 432A—Tube Tester



Red • Dot Lifetime Meter

The "Red Dot", on Readrite and Triplet instruments, is the manufacturer's indication that the meter is guaranteed for a lifetime against defects in materials or workmanship. Model 432-A incorporates every modern improvement. Its filament switching arrangement permits 19 steps, from 1 to 110 volts, of filament voltages. Has sockets for the newest Loktals, Single-ended, Bantam Jr., Gaseous rectifiers and ballast tubes, as well as requisite facilities for checking all regular types. A neon short test circuit immediately shows the slightest short or leakage. Uses Triplet precision meter, with "GOOD-BAD" 3 color scale, plus separate line voltage meter and control. In black leatherette case, size: 9x8 1/2 x 7", with silver and black etched panel. Shpg. wt. 18 lbs.

K21694—
Your Cost **\$17.49**
K21695— Same, but in quarter-oak case, golden finish. **Your Cost** **\$21.17**

Model 432-A-742

Dual unit, consisting of above tube tester and Volt-Ohm-Milliammeter in black leatherette case, size: 12 1/2 x 8 1/2 x 7". Following ranges are covered: A.C.—D.C. volts, 0-10-50-250-500-2500, at 1000 ohms per volt. D.C. mills, 0-1-10-100. Ohms, .5 meg. to 500 ohms, and 0-0.1 and 1 1/2 megs. Shpg. wt. 22 lbs.

K21693—
Your Cost **\$26.31**

Radio Analyzers



Model 720A

Point-to-Point tests through an 8-conductor cable on ALL glass and metal tube sets. Measures resistance, capacity and continuity and will check the voltage of any tube circuit. Point-to-point tests made by plugging into set sockets. Employs two meters. D.C. scales: 15/150/300/600 volts. A.C. scales: 10/25/150/750 volts. Leatherette case, 11x8x4 1/4". Shpg. wt. 10 lbs.

K21473—
Your Cost **\$14.70**

READRITE Model 730A Tester As above, but with Triplet 1000 ohm per volt d.c. meter with scale reading 15/150/300/600 volts.

K21474—
Your Cost **\$18.23**

READRITE Model 710A Tester Similar to 720A, but with 3 meters. D.C. voltmeter reads 15/60/300/600; d.c. milliammeter scale 15/150; a.c. voltmeter scale 10/40/700.

K21475—
Your Cost **\$16.17**

Loktal Adapters for Above
K11530— cket. Each 73c
K11531— Plug, Each \$1.18

R.C.A. RADIO TUBE TESTER No. 156C

Provides for heaters up to 120 volts. All settings indicated by simplified roller. One finger operation, buttons released or retained automatically. Tests every standard type tube, all ballast tubes, and the new Loktals; tests Magic Eye tubes for brilliance and size of opening; test voltage drop on all gas tubes; tests separate sections of multi-element tubes. All tests according to RMA standards. Easily read figures on roll chart show proper buttons to use. Line voltage adjustment. Makes short, leakage and other tests. Housed in an attractive wrinkle lacquer cabinet with sloping panel. Size: 13 1/2 x 6 1/2 x 8" high. Portable model has cover and snap-on handle. Shpg. wt. 18 lbs.



K21445— Counter Model 156-C. **Your Cost** **\$37.95**
K21446— Portable Model 156-B. **Your Cost** **\$39.95**

TRIPLETT Model 1604 Red • Dot With Lifetime Guaranteed Indicating Meter



A New, Sensational Set Tester. Red dot indicates a lifetime guarantee against defects in the indicating meter. Has 12 a.c. and d.c. voltage ranges; 0-10-50-250-500-1000-2500. 25,000 ohms per volt on d.c.; 1000 ohms per volt on a.c. Measures direct current, as follows: 0-50 microamps; 0-1-10-50-250-500 mls; 0-1-2-20 amps. Measures resistance: 0-500; 0-20,000 and 0-200,000 ohms. Also, 0-2-20 megs. Tests condensers, .001 to 30 mfd., as well as electrolytic leakage. Incorporates "Free Point Tester." Employs larger meter, plug-in rectifier and other ultra-modern features. Cased in heavy steel, black suede baked enamel finish. Etched panel. Snap cover. Case dim.: 14 1/2 x 7 3/8 x 4 1/2". Shpg. wt. 26 lbs.

K21692— Your Cost **\$48.84**

SUPREME Portable 592-3 Combination

Incorporates a Model 592 Multimeter and a Model 593 Analyzer to form a complete Set Tester in one convenient carrying case. Supplied complete with long analyzer cable, a full set of adapters including Loktal types, and Loktal Socket. Meter has 2 sensitivities, 1000 ohms per volt and 25,000 ohms per volt, providing 7 ranges for each sensitivity from 3.5 volts to 1400 volts. 6 resistance ranges from 1/4 ohm to 50 megohms. 7 basic a.c. volt ranges, from 3.5 to 1400 volts. 7 output ranges, for aligning receivers, etc. Eight direct current ranges, from 70 microamps, to 14 amps. Five db. ranges, from -10 to +46 db. Analyzer permits checking voltage, current, resistance, etc., in any type receiver. Push-buttons on analyzer facilitates testing. Solid Oak case, with slip-hinged cover, finished in natural color. Dim.: 9x13x5 1/4". Shpg. wt. 16 lbs.

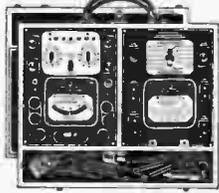


K21619— Your Cost **\$56.20**
On Time, \$6.30 Down, \$5.16 per Month for 11 Months.

WESTON MODEL 775 SERVISSET

A Combination Analyzer and Tube Checker

In a polished wood case with real luggage handles. The analyzer (Model 772) incorporates a meter having a sensitivity of 20,000 ohms per volt. Draws negligible current. Following meter ranges are available: d.c. volts at 20,000 ohms per volt, 2.5/10/50/250/1000; a.c. volts at 1000 ohms per volt, 2.5/10/50/250/1000; d.c. ma., 10/50/250; d.c. microamps, 50/100/1000; ohms, 0/3000/30,000/3 megohms/30 megohms; output meter ranges, 2.5/10/50/250/1000 volts. The tube checker (Model 773) is unique in that it incorporates an improved noise test for all electrodes, tests tubes under standardized load resistance while tubes are hot, incorporates a neon short check and a cathode leakage test and is wired for rotating filaments. For 110 volts, 60 cycles. List \$124.00.



K21556— Model 775. **Your Cost** **\$93.00**

TRIUMPH Standard Model 440 Tube Tester

Tests all types of radio and television tubes, including the new Loktals, Bantam Jr.s, ballast tubes, cathode-ray tubes, gas rectifiers, tuning "eyes", pilot lights, etc. Includes facilities for 35, 50, 75, 85 and 117 volt filaments. Employs wide 7" roller-type tube chart; attractive "Good-Replace" meter and push-button selector buttons. For 100-130 V., 60 cycles a.c.
K21690— Counter Model. Shpg. wt. 16 lbs.
K21691— Portable (14 lbs.) **Your Cost, Either Model** **\$32.29**



SIMPSON Model 333 Portable Tube Tester



New, Improved model for testing all receiving type tubes with filaments from 1.5 to 120 volts. Tests Loktals, single-ended tubes, Bantams, midgets, ballasts, gaseous rectifiers, pilot lights etc. Incorporates double filament switching, which permits testing 5X4G, 5Y4G, 6A5G, 6P7, etc. Requires no adapters. Has large, fan-shaped meter with "Good-Bad" scale, as well as percentage scale for matching or comparing tubes. Wt. 9 lbs.
K21689—
Your Cost **\$25.97**

Bernard "Spanmeter" Tube Tester & Volt-Ohm-Milliammeter



Tube tester and 23 range volt-ohm-milliammeter. Tests all receiving tubes, including the new Loktals, gaseous rectifiers, etc. Neon short test with 9 slide-type

switches permits checking any interelement short or leakage. Tests tubes with filaments up to 120 volts. Volt-Ohm-Milliammeter circuit permits measuring: 0-1.5-10-50-250-500-5000 volts d.c. at 1000 ohms per volt; 0-1-10-100 ma., and 0-10 amps; 0-50 amps, with external shunt; 0-3000 ohms, 0-.03-.3 megs.; 0-15-150-1500 volts a.c.; 0-15-150-1500 volts output meter; -2 to +18, to +38, to +58 db., and Quality Test as well as Leakage test for condensers. Etched panel. All housed in Walnut open-faced case (less cover), size: 8 1/2 x 10 1/2 x 4 1/4". Wt. 16 lbs.

K21687—
Your Cost **\$21.90**

K21688— Same, but with cover, in de luxe portable case, 16x9x5 1/4". Shpg. wt. 18 lbs.

Your Cost **\$23.90**

WESTON Model "773" Tube Checker

Emission-type test under load; individual electrode test; neon short test; cathode leakage; noise test; line voltage control; load tests. Will check all filament



voltages up to and including 120 volts; double fused for protection. New "rotator-type" tube charts give all the data. Case of highly polished wood. Size: 14 1/2 x 10 1/2 x 7". For 110/120 volts, 50/60 cycles a.c. List \$67.50. **\$50.63**
K21555— Your Cost **\$50.63**
Portable Type— Model 773-1— Similar to above, but mounted in hardwood carrying case. Less "rotator-type" tube charts. Shpg. wt. 17 lbs.
K21554— List \$60.00. **Your Cost** **\$45.00**

• SET TESTERS and COMBINATIONS •

TRIPOLET 1511 Dynamic Tube Tester & Volt-Ohm-Milliammeter



Efficient tube tester that uses rotating switch control. Illuminated meter has calibrated grid dial. Tests all tubes, including ballasts, for their true dynamic mutual conductance. Filament voltages available from 1 to 110 volts. Neon short, leakage and continuity tests provided. Set tester section provides: D.C. (1000 ohms/volt) and A.C. (400 ohms/volt) volts 0/10/50/250/500/1000; D.C. Ma. 0/10/50/250; Ohms .2 to 500, 300,000, 1.5 and 3 meg-ohms; Decibels from minus 10 to plus 42 db. Shadow type line voltage adjuster. Chart in cover of oak case. 15 1/4 x 11 1/2 x 7 1/2". For 110 volts, 50/60 cycles a.c. Wt. 28 lbs.

K21625—Your Cost \$58.48

The "RED DOT" on any Triplet instrument is your guarantee of life-time service. This guarantee protects you for all time against defective materials or workmanship. No tester is better than its measuring meter; "RED DOT" meters life-time guaranteed.

TRIPOLET 1213 "RED DOT" Dynamic Tube Tester



Cover contains tube charts

Popular tube checker with unique, practical tube chart which fits into the cover. Chart sections are postcard size; new tube charts provided as new types are added. Tests all present day tubes, including ballasts, pilot bulbs, etc. Filament voltages available from 1 to 110 volts. Hot leakage check and short tests. Easy to operate; has selector switches. Incorporates the new "RED DOT" lifetime guaranteed indicating meter. In black baked-on enamel suede finish case with snap-on cover. 3-Color etched panel. Size: 7 1/2 x 6 1/2 x 5 1/2". For 110 volts, 50/60 cycles a.c. Shpg. wt. 15 lbs.

K21488—Your Cost \$21.56

TRIPOLET 1612 "RED DOT" Tube Tester



Deluxe counter checker with 6" scale "RED DOT" lifetime guaranteed meter. Employs unique, easy to operate illuminated speed roll chart that permits 36 readings at a glance—through the entire chart in ten seconds. "Good-Bad" readings. Tests all present day tubes, including ballasts and pilot bulbs, and has provisions for testing future tube types. Filament voltages available from 1 to 110 volts. Has noise test jack and separate line voltage meter. Tests for shorts, leakage, open elements, etc. In seamless steel case finished in beautiful suede enamel, silvered grey and maroon. For 110 volts, 50/60 cycles a.c. 15 1/4 x 11 1/2 x 6 1/2". Complete, ready to use. Shpg. wt. 32 lbs.

K21685—Your Cost \$29.24
Model 1613: As above, but in Portable case with handle. Size: 15 1/4 x 11 1/2 x 6 1/2". Shpg. wt. 35 lbs.
K21686—Your Cost \$34.14

DEPENDABLE Mod. 311C Tube Tester

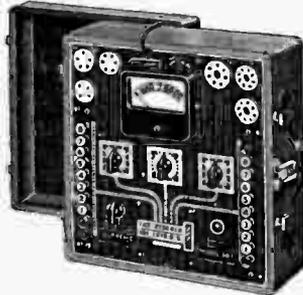


Deluxe model with 4 1/2" meter. Tests all tubes, plus ballasts, pilot lights, etc. Provision for future tube types. Smooth line voltage control; short, leakage tests. Self-contained 2-range ohmmeter, 0/10,000 and 0/1 meg. 2-range capacity tester, .001/4 and .4/16 mfd. Neon leakage indicator. Sloping panel wood case 10x15x7". For 110 volts, 50/60 cycles a.c. Complete. Shpg. wt. 20 lbs.

K21679—Each \$28.37
Portable Model 311P: As above, in combination portable case. Shpg. wt. 18 lbs.
K21680—Each \$30.33

SUPREME Tube Tester Model 503

New, hi-speed tube checker for all tubes. Tests 4, 5, 6, 7, 8, Loktal, television and tuning-eye types. Also, tests all gaseous rectifiers, ballast types and pilot lights. Shows internal opens, shorts and hot inter-element leakage. Tests leakage at both .25 meg and 2 meg sensitivity. 23 Filament voltages for all tubes from 1.4 to 120 volts. Tapped transformer primary, for stable line voltage adjustment. SUPREME "Free Floating" switching system completely re-connects all sockets automatically for all present and possible future tubes. Replaceable two-colored rotary chart keeps checker up-to-date. 4" meter. Finished in rich black, red and ivory. Oak case for counter or portable use. 5 1/2 x 11 1/2 x 12". For 110 volts, 60 cycles A.C. Shpg. wt. 15 lbs.



K21677—Your Cost \$44.05
Time Payment: \$4.95 down; \$4.95 per month for 9 months.

Model 504. Same as above, but includes set tester features. D.C. volts: 0-5/25/100/250/500/1000 and 2500 volts at 1000 ohms per volt. A.C. volts: 0-5/10/50/250 and 1000 volts, accuracy 3%. D.C. current: 0-0.5/2.5/10/50/250 ma. and 0-1, 10 amps. Five output meter ranges. Ohms: 0-1/10/200/2000/20,000/2 megs and 20 megs. Leakage test for all electrolytics. 5 1/2 x 12 x 14 1/2". Shpg. wt. 19 lbs.

K21678—Your Cost \$64.63
Time Payment: \$7.25 down; \$5.94 per month for 11 months.

DEPENDABLE Model 321 Multitester



Tests all tubes under load conditions—all elements for opens, leaks, shorts, NOISE. Fused meter. Smooth line voltage control. 2000 ohms/volta.c.and.d.c.ranges: 5/25/125/500/1250/5 ohm ranges: 0/100/3000/30,000/3 mg.-/30 mg. 0/500 microamps; 5/25/250 d.c. ma; 0-2.5/25 d.c. amps. Leakage test for electrolytics, paper and mica. Output ranges same as a.c. volts. Measures db from -15 to +40. In wood portable case, 15x13x5 1/2". For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 20 lbs.

K21590—Your Cost \$48.50

DEPENDABLE Model 801 Tube & Set Tester



Excellent instrument combines an ultra modern tube tester and a comprehensive set tester. Employs 4 1/2" fused meter, D'Arsonval type, accuracy 2%. Tests ALL present day tubes, including ballasts, etc. Line voltage control, 103 to 135 volts. Tests for shorts, leaks, noise, etc. Set tester provides: D.C. and A.C. volts 0/10/50/500/1000; D.C. ma. 0/1/10/100/1000; D.C. Amps. 0/10; Ohms 0/500/5000/1 meg./10 meg.; four Decibel ranges minus 8 to plus 55 db.; four output meter ranges same as A.C. volts. Portable slip-hinge covered case 12x 12 1/2 x 6". Complete. Shpg. wt. 17 lbs.

K21641—Your Cost \$27.39
Model 801A: As above, but with Model 503 plug-in Analyzer unit built into the cover. Shpg. wt. 18 lbs.
K21642—Your Cost \$37.14

DEPENDABLE Model 308P Tube Tester

The new **Dynoptimum Test tube** checker that tests All present day tubes under R.M.A. voltages and loads. Tests all ballast tubes (separate charts included), pilot bulbs, Christmas tree lights, etc. Hot inter-element short and leakage test between all elements. High sensitivity neon indication. Audible noise test. Spare socket for future tube types. Adjustable line voltage control, 105-135 volts. 3" square D'Arsonval meter, direct reading, 2% accuracy. Both meter and line are fused for full protection. Extremely easy to use. For 110 volts, 50/60 cycles A.C. Complete. Shpg. wt. 12 lbs.



K21644—Model 308P. In Combination Portable-Counter type case 11 1/4 x 12 x 7". Ready to use.
Your Cost \$18.57
Model 308C: Same as above, but in Counter model case 9x12x5".
K21643—Your Cost \$16.61

Combination TESTERS and OSCILLOGRAPHS

PRECISION Tube and Set Testers



Model 920 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: Loktals, Bantam Jr., Single-ended, etc. Tests made simply and quickly, due to improved Automatic Push-Button System and Double-Window Roller Tube Chart. Checks for: Hot-Cathode Leakage; Hot Inter-Element Short; Noise; Open Elements; etc. Set Analyzing features are: AC-DC volts, at 1000 ohms per volt, 0-12-60-300-600-1200 and 3000 volts; DC current ranges, 0-1.2-12-120-600

MA and 0-12 Amperes; Resistance ranges, 0-400, 0-100,000 ohms and 0-1-10 Megs; Six DB Ranges, from -10 to +64 DB; Six Output ranges, same as AC volts. Employs large 4 1/2" modern meter.

- K21700—Model 920P.** In Walnut finish hardwood portable case with removable cover, tool compartment, test leads, batteries, and instructions. Dim.: 12x13x6". **Your Cost** **\$52.87**
- Shpg. wt. 21 lbs.**
- K21701—Model 920MCP.** Same, but in open type metal case portable, black ripple finish. Dim.: 12x10 1/2 x 6". **Your Cost** **\$48.95**
- Shpg. wt. 21 lbs.**
- Model 912P.** Same as above, but less Set Analyzing features. In Walnut finished Hardwood Case, size: 12x13x6". **Your Cost** **\$37.19**
- K21702—Shpg. wt. 19 lbs.**
- Model 912MCP.** As above, but in open type metal case portable, black ripple finish. Dim.: 12x10 1/2 x 6". **Your Cost** **\$33.27**
- K21703—Shpg. wt. 19 lbs.**
- Model 910P.** Same as Model 912P, but with 3" meter. **Your Cost** **\$33.27**
- K21704—Your Cost** **\$29.35**
- Model 910MCP.** Same as 912MCP, but with 3" meter. **Your Cost** **\$29.35**
- K21705—Your Cost**

HICKOK Tube and Set Testers



Model 510X Tube and Set Tester. Complete servicing outfit incorporating a true Dynamic Mutual Conductance Tube Tester and Analyzer. Tests all tubes with filament voltages from 1.4 to 117 volts, as well as ballast and pilot lamps. Set tester section provides following ranges: AC-DC volts, 0-20-200-500-1000 volts; DC mls, 0-20-200; Resistance, .1 to 25 megohms, without requiring batteries; Capacity, .00025 to 24 mfd. Uses modern 5" rectangular meter. All in attractive black leatherette carrying case, size: 14x13 3/4 x 6". With instructions and test leads. Shpg. wt. 24 lbs.

K21638—Your Cost **\$61.74**

Model 530 Mutual Conductance Tube Tester

Gives dual test reading, one directly in microhms plus indication on "Good-Doubtful-Replace" scale. Uses large illuminated meter, and enlarged simplified roll chart. Tests all tubes, from 1.4 to 117 volt filaments. Detects open and shorted elements with tube heated or cold.

K21640—Model 530C. Counter Model. In attractive metal case, with chrome bands, finished ripple black. Shpg. wt. 22 lbs. **Your Cost** **\$51.74**

K21639—Model 530P. Portable. In attractive black Leatherette Carrying Case, with cover, size: 14x13 3/4 x 6". Shpg. wt. 22 lbs. **Your Cost** **\$51.74**

RTL Model 10 Tube Tester



Checks for "open" elements as well as "shorts". These two tests are made automatically, without shifting of buttons, etc. Output test by means of push-buttons, and instrument is designed to test all modern tubes including the very latest types. So-called double tubes are checked separately, so that any weakness in either section is quickly indicated. Tests, Loktals, Pilot Lamps, Ballasts, OZ4 Rectifiers, etc. Housed in portable metal case, with removable cover, finished in ripple black. Size: 11 1/2 x 10 1/2 x 5 1/2". With instructions. **K21697—Shpg. wt. 15 lbs.** **Your Cost** **\$36.75**

WESTON Model 767 "Filatrol" For Modernizing Tube Testers

Permits checking high-filament voltage (35 V. to 117 V.) type tubes. Can be used on any obsolete checker where filaments are wired in parallel. One lead from Filatrol plugs into 4-prong socket on tester, other lead into any 110 volt 60 cycles AC outlet. Shpg. wt. 4 lbs.

K21698—Your Cost **\$4.95**



RCA Cathode-Ray Oscillographs



Model 155, 3" Oscillograph. For Laboratory, Service Shop or Schools. Uses new 906 tube, and 2-6C6 for vertical and horizontal amplifier stages; 1-884 timing oscillator stage; 2-80 rectifier tubes in power supply. Total number tubes—6. All controls on front panel, easily adjustable bar type. 20 volts (RMS) per inch deflection without amplifier, 0.5 volt (RMS) per inch with amplifier. Amplifier response flat from 20—90,000 cps. Amplifier gain—40. Timing frequency from 15—22,000 cps. For use on 110V., 50-60 cycles AC. Finished in blue-gray baked wrinkle lacquer case, dim.: 15x8x14". Furnished complete with all tubes and detailed instruction book. Shpg. wt. 23 lbs. **K21447—Model 155** **Your Cost, Complete** **\$63.95**

Model 160, 5" Oscillograph. Deluxe portable oscillograph with 5" screen for clear, large images. Few controls, all on front panel, simplify operation. Timing range 4—22,000 cps. Vert. Amp. response (full gain) 5 cps. to 600 kcs. Hor. Amp. response 5 cps. to 100 kc. Finished as above. Shpg. wt. 35 lbs. **Your Cost** **\$130.00**

K21442—Model 160. **5" Television Oscillograph Available.** Write for Details.

TRIUMPH Oscillograph Wobbulator



Combination of 2 valuable instruments; a 3" Oscillograph and an Electronic Frequency-Modulated Wobbulator. Oscillograph employs Vertical and Horizontal Amplifier Stages,—each using a 6SJ7, with a linear response from 10 to 100,000 cycles. Also, a Thyatron Linear Timing Sweep Circuit, with a range of from 7 to 30,000 cps. Sensitivity—0.4 volts per inch deflection. All regular and necessary controls on front panel. Wobbulator is automatically synchronized with the Thyatron Sweep Circuit, making it extremely valuable for band-width checking in hi-fidelity receivers, etc. For 105-125 volts, 50-60 cycles, AC. Furnished complete with detailed instructions. Shpg. wt. 21 lbs. **K21670—Your Cost** **\$68.55**

SUPREME Model 546 3" Oscilloscope

Laboratory type oscilloscope for all radio, P.A. 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 line-up: 1-3" Cathode Ray tube; 2-6C6 tubes for vertical and horizontal amplifier circuits; 1-885 gas triode for timing oscillator circuit; two-80 rectifier tubes in a specially designed power supply. Oak case 7 1/4 x 11 1/2 x 13 1/4". For 110 V., 50/60 cycles AC. Furnished complete with tubes and full instructions. Shpg. wt. 25 lbs. **Your Cost** **\$58.75**



K21598—Your Cost **\$58.75**
On Time: \$6.60 down, \$5.40 per month for 11 months.

DU MONT 3" and 5" OSCILLOGRAPH



Meets all requirements of the service engineer and the amateur. Employs the new 34-XH cathode ray tube which is interchangeable with the type 906. Amplified sweep consists of a type 885 tube used as saw-tooth wave generator. Separately controlled horizontal amplifier provides a gain of 40 and vertical amplifier a gain of 70 between 15 and 30,000 cycles. Provision for applying signals direct to deflection plates is made at rear of unit. Two power supplies are used, delivering 1125 and 415 volts. A removable calibrated scale is supplied. Accurate determinations. Size: 11 1/2 x 7 1/2 x 13 1/2". Model 164 Du Mont 3" Oscillograph complete with tubes, accessories, instructions. 110 V. 50/60 cycles AC. **Your Cost** **\$53.41**

K21557—Shpg. wt. 25 lbs. **Your Cost** **\$53.41**

5" Type 168

A new oscillograph employing a 5 inch type 54-XH Du Mont cathode ray tube. The high gain, wide frequency range amplifiers with high input impedance makes it an ideal "scope" for the engineer and experimenter. Switch arrangements permit vertical deflection through one or two stages of amplification; gain through one is 70, through two, 450. Horizontal amplifier has a gain of fifty; both amplifiers have flat frequency response from 15 c.p.s. to 30 kc., and useable high in the r.f. range. Internal or external positive synchronization controlled by front panel switch. Removable calibrated screen. Uses 2-6C6's, 1-76, 1-885, 2-80's, 1-54-XH. Size: 14x8x15 1/4". Complete with all tubes, accessories and instructions. For 110 V. 50/60 cycles AC. Shpg. wt. 85 lbs. **K21585—Your Cost Complete** **\$114.17**

Du Mont Cathode Ray Tubes

Electron lens focus type, interchangeable with corresponding types.

Type No.	Screen Size, Ins.	Length, Ins.	Your Cost
34-XH	3	11 1/2	\$15.00
64-XH	5	16 1/4	\$5.00

NEW "Channel Type" ANALYZERS

RCA 1" & 2" Oscillographs

Model 151-2,2"

Uses the new RCA 902 2-inch tube, provides every important feature. All controls on front panel. High gain amplifiers for vertical and horizontal deflection. High sensitivity—0.5 volts (RMS) per inch of deflection. Have flat response curves from 30 to 10,000 c.p.s. Features built-in saw-tooth oscillation. Sturdy cabinet finished in grey wrinkle lacquer. Uses: 902, 886, 2-6C6s, 1-80. Size: 13 $\frac{3}{4}$ x 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ ". Shpg. wt. 16 lbs.

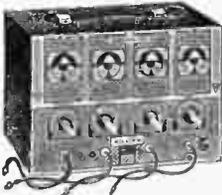


K21444—For 110 volts, 50/60 cycles a.c.
Your Cost, with Tubes **\$49.95**

K21548—Model 151. Similar to above but with 913, 1-inch cathode-ray tube. Shpg. wt. 16 lbs.
Your Cost, with Tubes **\$39.95**

MILLION "Signalizer"

For servicing receivers, amplifiers, etc., the new, modern way. Permits locating defect in a minimum of time. Tests all receiver circuits singly or simultaneously, giving accurate indication of signal presence through RF, IF, AF and power circuits. Employs 4 electronic "eyes", each with preceding amplifier stages, to provide visual indication of the signal from a signal generator through the entire receiver. Probes provided permit checking any individual portion of the set. Phone jack also provided, for listening-in for hum, etc. Input impedance is 6 megohms. Three inputs are for AC, one for AC or DC. Utilizes a co-axial cable, provided, for oscillator connection, so as to insure no circuit disturbance and accurate high-frequency tests. Permits tracing AFC, AVC, etc. Supplied complete with 11 tubes, all cables and full instructions. In compact metal case, 7x10x6" overall. Designed for 115 volt, 50-60 cycle A.C. operation. Shpg. wt. 12 lbs.



K21681—Million Signalizer.
Your Cost **\$37.50**

SUPREME "Audolyzer"

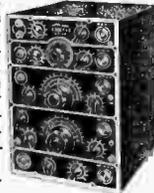


Complete dynamic set tester for relative or absolute gain measurements—stage by stage or overall. Locates and tests faulty components, distortion, intermittants, fading, noise, opens, shorts, etc. Checks frequency and drift of oscillators, I.F.'s, etc. Can be used as substitution for any circuit of radio under test. Vacuum tube voltmeter checks all DC voltages: 1.3/10/30/100/300/1000 all at 15 meg. input. Will not upset receiver operation. Use V.T.V.M., built-in loudspeaker or your own oscilloscope for indicator. Complete with RF and AF input cables, tubes and instructions. Oak case 12x15 $\frac{1}{2}$ x10". Shpg. wt. 30 lbs.
K21683—Your Cost **\$76.93**

On Time: \$8.50 down; \$6.49 per month for 12 months.

MEISSNER "Analyst" Kit

An easy-to-build service instrument that locates faults by "signal-tracing". Contains, in one unit, five complete channels, each of which performs a separate function in localizing receiver troubles. One channel permits complete Audio analysis; including gain measurement, hum location, etc. Second channel is an Electronic Voltmeter with a constant input impedance of 10 megohms on all ranges, and checks all operating and control voltages without affecting receiver performance. 3rd channel is the Oscillator for complete analysis of oscillator circuits in superhets. Fourth is the RF-IF channel for tracing signals through RF and IF circuits of any receiver; its range is from 95 to 1700 KC. Fifth is Line Current Indicator channel, which shows power consumed by receiver under test. Employs a total of 13 tubes, consisting of 5-6E5's; 1-6SQ7; 1-6F5G; 3-6SK7; 1-6H6; 1-1852 and 1-6X5G. No separate oscillators or other equipment needed to properly use this instrument. All design, layout and drilling is already accomplished. All that is necessary to complete this instrument is to assemble and wire the various parts. Kit is supplied complete, **Less Tubes**, with full instructions for construction and operating. Includes etched panel and cabinet, size 9 $\frac{1}{2}$ x13 $\frac{1}{2}$ x10 $\frac{1}{2}$ ", hardware, test probes, wire, solder, etc. Shpg. wt. 35 lbs.
K21706—Kit, less tubes.
Your Cost **\$58.80**

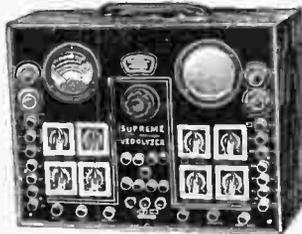


MILLION V.T. Voltmeter

A modern, scientifically designed vacuum-tube voltmeter. Range, 3 to 3000 volts, on 9 scales, selection of any scale accomplished by push-buttons. Uses one control for "zero" adjustment; measures any type of voltage, regardless of frequency, phase, etc. Input impedance never less than 12 meg.; input capacitance, that of tube plus low capacity co-axial cable. For 115 V., 60 cycles A.C. In open face polished walnut case. Shpg. wt. 12 lbs.
K21682—Your Cost **\$28.95**



SUPREME "Vedolyzer"



Diagnoses, traces, locates and measures gain, distortion, noise, fading, intermittants, hum, etc. 3" cathode ray tube. Vacuum tube voltmeter locates many noise intermittants while quiet; **RF Volts** .03/.09/.3/.9/3/9/30/90 volts; **DC Volts** 2/6/20/60/200/600 at 15 meg. input; 0/6000 volts at 150 meg.; **Ohms** 1M/10M/100M/1 meg/10 meg/100 meg/1000 megohms. **Video amplifier** 80 cycles to 4.5 megacycles, 80 db gain for observation and measurement of RF, IF, Osc., and AF wave forms for gain and distortion. **Calibrated tuned band-pass circuits** for measuring osc. and IF freq. and drift. 4 input cables. Oak case with handle 12x15 $\frac{1}{2}$ x13". For 110 V., 50/60 cycles. Wt. 36 lbs.
K21684—With tubes.
Your Cost **\$126.91**

On Time: \$13.50 down and 12 monthly payments of \$10.63.

RCA RIDER "Chanalyst"



Checks a receiver from antenna to loudspeaker. Unit performs following major tests.
* Traces signal from antenna to speaker in R.F., I.F. or A.F. stages. This permits determining where signal exists, dies, becomes weakened, distorted, etc.
* Checks actual operating voltages, without loading the circuits.
* Accurately checks control voltages, such as AFC, AVC, Grid (a.c. and d.c.), etc.—without interfering with set operation.
* Check osc. freq. in a superhet.
* Instantly check wattage consumption of a receiver during actual operation.

Provides 5 test channels, with separate indicators, so that the 5 basic sections of any set may be thoroughly tested. For 110 V. 50/60 cy. AC. Shpg. wt. 30 lbs.
K21666—Your Cost **\$107.50**

RCA RIDER "VoltOhmyst"

An electronic DC Voltmeter-Ohmmeter with extremely wide ranges. Does not load or interfere with circuit under test. Measures, DC, from .05 to 5000 volts; input resistance up to 500 volts is 16 meg., and 160 meg. to 5000 volts. Resistance measurements from 0.1 ohm to 1 billion ohms. One zero adjustment required, no further fussing afterwards. Accurately measures A.C., AVC, or any DC or control voltage. Operation simplified due to minimum controls and thorough design. Large single scale modern meter, with attractively etched front panel. In sturdy metal case, finished in ripple black. Shpg. wt. 18 lbs.
K21707—
Your Cost **\$57.50**

JACKSON Dynamic Signal Analyzer



Complete Dynamic Signal Analyzer for all receiving circuits. Employs two voltmeters, one a tuned RF unit with hi-gain amplifiers for analyzing the RF signal anywhere in the receiver without disturbing its operation; the other an electronic voltmeter to measure any AC, DC or Audio voltage in the receiver, without affecting set's operation. All indications are on meters with multiplying ranges and no balancing adjustments. The frequency range of the RF Voltmeter is from 90 KC to 16 megacycles, with push-buttons for range selection. All in welded steel case finished in two tone gray. Dim.: 17x8 $\frac{3}{4}$ x7 $\frac{1}{4}$ ". Complete with 7 tubes, necessary leads and full instructions. For 105-125 V., 50-60 cycle AC operation. Shpg. wt. 25 lbs.
K21708—Your Cost **\$77.91**

Portable VOLT-OHM MILLIAMMETERS



Volt-Ohm-Milliammeters With The "Red Dot" Lifetime Meter

Model 1200-A—A new improved model of this justly popular instrument. New "Red Dot" meter is guaranteed against defects by the manufacturer for the lifetime of the original purchaser. Housed in a new portable case with cover and carrying handle. Finished in black suede enamel. Separate a.c. and d.c. meter movements. D.C. meter ranges: 0-10-50-250-500-1000 Volts at 2000 ohms per volt; 0-1-10-50-250 Milliamperes; Low ohms $\frac{1}{2}$ to 500; High ohms—1500, 1.5 and 3 Megohms. A.C. range: 0-10-50-250-500-1000 volts. Dim.: $7\frac{1}{4} \times 6\frac{1}{2} \times 5\frac{1}{2}$ ". With self-contained batteries. Shpg. wt. 12 lbs. **\$23.36**

K21480—Your Cost.....

Model 1200-C—Similar to Model 1200A with 5000 ohms per volt d.c. meter. In addition has 250 microamperes and $7\frac{1}{2}$ megohms scales. **K21559**

Your Cost Complete.....

Model 1200-E—Similar to 1200-A but has 25,000 ohms per volt d.c. instrument. Ohms scale $\frac{1}{4}$ to 1000; 40,000, 4 and 40 megohms. Also 50 microamperes. **K21560—Your Cost Complete**.....



\$26.29
\$30.55

New Television Tester

Specially designed for testing television receivers. Tests A.C. and D.C. volts in steps of 2500 and 10,000 volts; D.C. Micro-amps. in steps of 50, 500 and 5000. Meter sensitivity 25,000 ohms per volt for D.C. and 5000 ohms per volt for A.C. All internal parts kept a minimum of 1" away from the case. 3 ft. test leads tested to 25,000 volts breakdown. 4" "Red Dot" Lifetime Guarantee meter. Case enameled in bright red suede to indicate "caution."
K21709—Your Cost.....



With the Red Dot Lifetime Meter
\$30.87



Model 1252, Vacuum Tube Voltmeter with the "Red Dot" Lifetime Meter

The ideal instrument for high frequency measurements. Self-Calibrating. Separate d.c. movements for galvanometer (for checking bridge balance) and voltmeter. Reads a.c. and d.c. volts in 4 ranges: 3-15-75-300 volts. Has "Red Dot" lifetime meter. Tube at end of cable. In-put capacity less than 6 mmfd. Input resistance 10 megohms on a.c. The initial operation of adjusting bridge at zero level insures exact calibration independent of tube value, or when replacing tubes. Black suede enameled case with snap-on cover. $7\frac{1}{4} \times 6\frac{1}{2} \times 5\frac{1}{2}$ ". For 115 volts, 60 cycles a.c. **K21710—Your Cost Complete**.....



\$47.37

WESTON Model 772-2

20,000 Ohms per Volt Analyzer

A complete super-sensitive analyzer with 20,000 ohms per volt sensitivity. Ranges: **A.C. and D.C. Volts**—2.5/10/50/250/1,000; **D.C. Milliamperes**—1/1/10/50/250; **D.C. Amperes**—1/10; **Ohms**—3,000/30,000/3 Meg./30 Meg.; **Decibels**—-14 to +2, -2 to +14, 12 to +28, +26 to +42, +38 to +54. $4\frac{1}{2}$ " meter with an accuracy of 2% on D.C. and 3% on A.C. at normal frequencies. $15\frac{1}{2} \times 5\frac{1}{2} \times 8\frac{3}{4}$ ". Shpg. wt. 11 lbs. List **\$66.00**. **K21523—Your Cost**.....



\$49.50

766 WESTON Televerter
Makes a 5000 volt tester for television out of any meter with 20,000 ohm per volt, or better sensitivity. List **\$25.00**. **K21712—Your Cost**.....

\$18.75

PRECISION Series 844



Includes ranges of 6,000 volts A.C. and D.C., 10 Meg-ohms and 12 Amperes. $4\frac{3}{4}$ " meter with an accuracy of 2% on D.C. and 3% on A.C. Ranges: **A.C. and D.C. Volts**, at 1000 ohms per volt, 12/60/300/600/1200/6000; **D.C. Current**—1.2/12/60/300/1200 Ma. and 0-12 Amps; **Resistance**—400/100,000 ohms and 1/10 Meg-ohms; **Decibels**—-12 to +70. In hardwood case with handle. $7 \times 8 \times 4\frac{1}{2}$ ". Less batteries and test leads. (Requires $4\frac{1}{2}$ V. and 45 V. batteries). Shpg. wt. 6 lbs. **K21657—Model 844L, Each**.....

\$22.49

Model 844P—Same with cover and tool compartment. $9 \times 10 \times 8\frac{1}{2}$ ". Portable. **\$24.45**
K21656—Your Cost.....

SIMPSON "High Sensitivity" Set and Television Tester

Sensitivity 20,000 ohms per volt on D.C. and 5,000 ohms per volt on A.C. Ranges: **A.C. and D.C. Volts**—2.5/10/50/250/1000/5000; **D.C. Milliamperes**—1/10/100/500; **D.C. Microamperes**—50/100; **Resistance**—1000/100,000 ohms—10 Meg-ohms; **Decibels**—5 ranges from -10 to +52 db. $4\frac{1}{2}$ " meter mounted in molded bakelite case with leather handle. $5\frac{1}{2}$ " W. x 7" H. x 3" D. Shpg. wt. 10 lbs. **K21713—Model 260**.....



\$26.95

Your Cost.....

Model 215—Same appearance as above but 5,000 ohms per volts D.C. and 1,000 A.C. Ranges: **A.C. and D.C. Volts**—2.5/10/250/1000/5000; **Milliamperes**—10/100/500; **Microamperes**—250; **DB**—-12 to +52; **Ohms**—4000/400,000/4 Megs. **K21714—Your Cost**.....

\$22.39

SUPREME Model 592



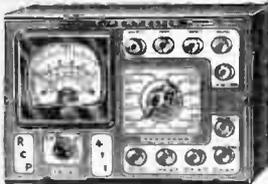
Push-Button Set Tester

New push-button switching circuit provides a total of 47 ranges with two D.C. volts sensitivities: both 1000 and 25,000 ohms per volt in the same instrument. Following meter ranges provided: **D.C. Current**—0/70/700 microamperes, 0/7/35/140/350 milliamperes, 0/1.4/14 amperes; **D.C. Volts** (at either 1000 or 25,000 ohms per volt)—0/3.5/7/35/140/350/700/1400; **A.C. Volts**—0/3.5/7/35/140/350/700/1400; **Resistance**—0/500/5000/50,000/500,000 ohms and /5/50 megohms; **Decibels**—5 ranges from minus 10 to plus 46 db. Only two pin jacks for all functions. Shpg. wt. 10 lbs. **K21722—Model 592**. Complete in portable oak case. With accessories and instructions. **Your Cost**.....

\$40.18

Complete.....
On Time: \$4.51 Down, \$4.51 per month for 9 months.

DEPENDABLE Model 411 Universal Supertester



3" meter—5000 ohms per volt. Meter ranges are: 0-10-100-250-1000-5000 D.C. Volts; 0-200 D.C. Microamperes; 0-10-100 D.C. Milliamperes; 0-1-10-25 D.C. Amperes; db. from -10 to +69 in five stages; 0-400-4,000 ohms and 4 megohms; 0-10-50-250-1000-5000 A.C. Volts; 0-500 A.C. Milliamperes; 0-2.5-5-25 A.C. Amperes; Output Meter same as A.C. Volts. Wood case— $7\frac{1}{4} \times 5\frac{1}{2} \times 3\frac{1}{2}$ ". Wt. 6 lbs. **K21673—Your Cost**.....

\$15.92

Portable Model 411-P

Same as above in case with cover. **K21711—Your Cost**.....

\$17.59



Bernard 401, Volt-Ohm-Milliammeter
"Constant Ohms" circuit eliminates need for "zero set" ohmmeter control. Sensitivity 5000 ohms per volt D.C. and 1,000 ohms A.C. Ranges: **D.C. Volts**—10/50/250/500/5000; **A.C. Volts**—15/45/150/750/1500/3000; **Decibels**—from -10 to 64; **D.C. Current**—0/200 Microamps, /2/20/200 Mills., /2.5/10 Amperes, and with (supplied) external shunt 50 Amps; **Resistance**—/3000/30,000/300,000 ohms /3 Meg. and 30 Meg. with external battery. Resistor for 300 Meg. also supplied. $5\frac{1}{4} \times 8 \times 4\frac{1}{2}$ ". Shpg. wt. 6 lbs. **K10516—Your Cost**.....

\$16.90

Inductance and Capacity Adapter for above. **K10517—Your Cost**.....

\$2.90

Bernard Volt-Ohm-Milliammeters

Model 402-S—Employs Bernard "Constant Ohms" circuit eliminating the ohmmeter "zero set" control. Sensitivity 5000 ohms per volt d.c., 1000 ohms a.c. Ranges: **D.C. Volts**—3/10/50/250/500/5000; **A.C. Volts**—15/150/1500; **Decibels**—-2 +58 in 3 steps; **D.C. Current**—0/200 Microamps, 2/20/200 Mills., and 0/50 Amps. with supplied external shunt; **Resistance**—2000/20000/200000 ohms /2 Meg. plus 20/200 Megs. with supplied external resistors. Built-in flashlight battery. Wood case with cover: $6\frac{1}{2} \times 4\frac{1}{2} \times 3\frac{1}{4}$ ". With shunts and resistors. Shpg. wt. 4 lbs. **K10519—Your Cost**.....

\$13.90

Model 402-J—Like model 402-S, but less cover. $6\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{4}$ ". **K10518—Each**.....

\$11.90

Model 404—1000 ohms per volt **D.C. Tester**. Ranges: **D.C. Volts**—0/1.5/10/15/50/150/250/500/2500/5000; **D.C. Current**—0/1/10/100 mills., 0/1/50 amps.; **Ohms**—0/3000/30,000/300,000, plus 0/3/30 meg. with external battery. In wood case without cover. $6\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{4}$ ". Shpg. wt. 3 lbs. **K10521—Your Cost**.....

\$6.90

Model 403—1000 ohms per volt **A.C.-D.C. Tester**. Ranges: **D.C. Volts**—0/1.5/10/50/250/500/2500; **A.C. Volts**—0/15/150/1500; **D.C. Current**—1/10/100 mills., 0/1 amp. plus 150 amps. with external shunt (supplied); **Ohms**—3000/30,000/300,000. Wood case less cover. Shpg. wt. 3 lbs. **K10520—Your Cost**.....

\$8.90

Popular Pocket and Portable Testers

Supreme Model 542 Pocket Multi-Meter



An extremely compact test instrument that incorporates a highly sensitive meter and provides a multitude of testing facilities. Housed in a molded bakelite case 3x5 1/2 x 2 1/2", with pin-jack terminals. Following ranges provided: D.C. milliamperes 0/0.3/6/30/150; D.C. volts 0/6/150/300/1500; A.C. volts 0/6/30/150/600; Decibels -6/+10, +8/+24, +22/+38, +34/+50. Also provides four output ranges. 3" square meter has knife edge pointer and 200 microampere movement (5000 ohms per volt). 4 Ohmmeter ranges, to 2 mega., operate from self-contained batteries. Wt. 2 lbs.

K21608—Each \$15.98
On Time: \$4.73 down, \$4.73 per month for 3 months.

CI Portable Volt-Ohmmeters

Moving coil type meter, accuracy 2%. Ranges: 0-5-50-500-1000 v. d.c.; 0-500,000 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. 4 lbs.



K11450—Each \$5.79
Simplex Volt-Ohmmeter. Similar to above, but magnetic vane type movement: 3-30-300 volts d.c.; 0-10,000 ohms. Batteries enclosed. 1 1/2 x 2 1/2 x 3 1/4".

K11452—Each \$2.91
Pocket Volt-Ohm-Milliammeter
Moving vane type reads 15-150-450 volts a.c. or d.c.; 0-20,000-100,000 ohms; 0-15 ma.; .01 to 20 mfd. Bakelite case, 1 1/2 x 2 1/2 x 3 1/4". 30" test leads.

CI POCKET-SIZED VOLT-OHM-METER

Voltage range, 0-300 d.c.; resistance range 0-10,000 ohms. Magnetic vane type meter. Volts to ohms with phone tip and jacks. Black wood case 2 1/4 x 2 1/2 x 1 1/2". Self-contained battery. With 30" test leads.



K11451—Your Cost \$2.26

WESTON MODEL 697

Only 5 1/2 x 3 3/4 x 2 1/2". Four a.c. and d.c. voltage ranges: 7.5-15-150-750; d.c. current, 7.5-75 ma.; 0-5,000-500,000 ohms full scale. Shpg. wt. 5 lbs. List \$32.00.

K21580—Ea. \$24.00

TRIPLETT Model 666 Universal Volt-Ohm-Milliammeter

Red • Dot Instrument
Lifetime Guaranteed

Provides following meter ranges: d.c. volts, at 1000 ohms per volt: 0/10/50/250/500/1000; a.c. volts at 1000 ohms per volt: 0/10/50/250/500/1000; low ohms from 1/2 to 300, high ohms to 250,000; d.c. milliamperes 0/1/10/50/250. Provisions for external batteries for higher resistance measurements. Has zero adjustment. Black molded case measures 3 1/4 x 5 1/2 x 2 1/2". Battery and test leads with alligator clips included. Wt. 4 lbs.



K10472—Your Cost \$13.72

AMATEUR MODEL—5,000 V. TYPE

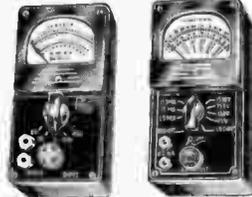
Model 666-H: Similar to above, but high range type providing: A.C. and D.C. volts, at 1000 ohms per volt, 0/10/50/250/1000/5000; D.C. milliamperes 0/10/100/500; resistance ohms 0/300 (back up scale) and 0/250,000 (series type).

K10475—Your Cost, Complete \$14.21
K21579—Attractive Leather Carrying Case, for either above units. With leather handle. Will house tester and accessories. \$3.59
Your Cost

READRITE Pocket Testers

Red • Dot, Lifetime Guaranteed Units

Model 612. Universal wide-range AC-DC pocket-size instruments. Ranges are: AC-DC volts 0-15-150-450, at 60 ohms per volt; AC-DC mils., 0-15; Resistance 0-20,000 and 100,000 ohms; Capacity .01 to 20 mfd. Uses Triplett 3" meter with sapphire jewel bearings, and selector switch for all ranges. Ohmmeter has separate zero adjustment, and current supply for operation is obtained from any 110 v. AC- or DC source. Case is molded (black), size: 3 1/2 x 5 1/2 x 2 1/4". Complete with leads.



K10513—Shpg. wt. 5 lbs. Your Cost \$7.79
Leather Carrying Case, for above, with strap handle. Has ample space for instrument, leads and accessories. \$3.59
K21579—Your Cost

Model 738. Same as above, but has more sensitive meter (1,000 ohms per volt). For DC measurements only. Ranges are: DC volts 0-15-150-750-1500; DC mils., 0-1 1/2-15-150; Resistance, 0-500 and 0-500,000 ohms. With all accessories, such as test leads, clips, battery, etc. Shpg. wt. 5 lbs.

K10514—Your Cost \$7.35
Model 739. Same as sensitive Model 738, but for AC as well as DC measurements. Measures AC and DC volts 0-15-150-750-1500. Includes all accessories. Shpg. wt. 5 lbs.

K10515—Your Cost \$9.70

DEPENDABLE Trouble Shooter—Model 432

Nine range volt-ohm-milliammeter with 2" dial D'Arsonval meter, accurate within 2%. D.C. volts: 0/5/50/500/1000 all at 1000 ohms per volt sensitivity. 0/500/50,000/500,000 ohmmeter; reads as low as 0.2 ohm. Current ranges: 0/1/10 ma. With batteries. Size, 5 1/2 x 3 x 2".

K10502—Your Cost \$5.83

DEPENDABLE Model 412 Multitester

Pocket size meter with 400 microampere meter movement, resulting in a sensitivity of 2500 ohms per volt. Has 5 DC current ranges: 0-400 microamps, and 0-10-100-1000 ma., and 0-10 amps. Five DC volt-meter ranges: 0-10-50-250-1000-5000 volts. Three ohmmeter ranges: 0-500-100,000-1,000,000 ohms. Welded steel case with morocco finish; 3 inch meter with bakelite case. Size: 3 1/4 x 2 1/2".

K10498—Shpg. wt. 4 lbs. \$9.75
Your Cost

Model 413 AC-DC Multitester

Same as above model, except that it measures AC volts as well as DC, as specified above. Also, has output meter, ranges same as AC volts.

K10500—Shpg. wt. 4 lbs. \$12.64
Your Cost

DEPENDABLE AC-DC Multitester 445

Complete, general test instrument with 1000 ohms per volt sensitivity. Ranges are: DC volts, 0-5-50-250-500-2500; DC Ma., 0-1-10-100-1000; DC amps., 0-10; AC volts, 0-10-100-500-1000; Ohms, 0-500-100,000-1,000,000; DB, -8 to +15, 12 to 35, 26 to 49, 32 to 55; Output ranges same as AC volts. In attractive hardwood case, dim.: 3x8 1/2 x 5". Shpg. wt. 5 lbs.

K10503—Your Cost \$9.75

SIMPSON Model 240 "Hammeter"

Designed expressly for checking high-voltage and component parts in transmitters, television receivers, etc. Ranges are: AC—0/15/150/750/3000; DC—0/15/75/300/750/3000; DC Mils 0/15/150/750; Ohms—0-3000, and 0-300,000 ohms. Batteries for Ohmmeter ranges are self-contained. Accuracy 2% on DC ranges; 5% on AC. 5,000 volt insulation rubber leads are provided with alligator clips covered with rubber sleeves, for additional safeguard. Handsome Bakelite case; D'Arsonval meter and silver etched scale. Furnished with complete operating instructions. Size: 5 1/2 x 2 1/2 x 1 3/4".



K10485—Shpg. wt. 3 lbs. Your Cost \$14.45

K10484—Model 235, 5,000 ohms per volt tester. DC volts 0-10-50-250-500-1000; Ma., 10-100-500; Microamps., 0-250; Ohms 0-2,000-200,000—2 megs. Case dim.: 2 1/2 x 5 1/4 x 1 3/4". With test leads. Shpg. wt. 3 lbs. \$9.75
Your Cost

Precision Multimeter



Series 830-1000 Ohms per Volt
Though small in size this Multi-meter incorporates 11 adequate ranges for measuring volts, ohms and current. Large 3" square meter in Bakelite case; D'Arsonval movement; 2% accuracy. D.C. volts: 10-100-250-500-1000; d.c. current: 1-10-100-250 ma.; low ohms, 0-500, 50-ohm center reads as low as 1/2 ohm; high ohms, 0-300,000; self-contained battery; zero adjustment. Walnut finished hardwood case, 4 1/2 x 7 x 2 1/2". Crystal gold and black panel on heavy brass.

K21570—Your Cost \$10.73

PRECISION Series 870 AC-DC Multi-Range Tester

Automatic Push-Button Selection
Ultra-modern and compact tester. Employs push-button circuit and range selection. Buttons select range and type of measurement. DC volt ranges, at 1000 ohms per volt, are: 0-6-30-300-600-1200-3000. AC volt ranges, at 500 ohms per volt, are: 0-12-60-600-1200-3000. DC current ranges: 0-1-2-12-120-600-1200 ma. Resistance ranges, with self-contained batteries, are: 0-5000-500,000 ohms, and to 5 Megs. with external battery. DB ranges: 5 total, from -10 to +64 DB. Also, measures DC current leakage in electrolytics, makes qualitative paper condenser tests, etc. Housed in Walnut finished hardwood case, size: 7 x 4 1/2 x 3".

K10491—Shpg. wt. 5 lbs. \$17.59
Your Cost

POPULAR SIGNAL GENERATORS

WESTON Model 787 U.H.F. Oscillator

New ultra-high frequency oscillator designed to test and check television receivers, police and aircraft radios and all other u.h.f. equipment. Covers from 22 to 150 megacycles, all fundamentals. Alignment and overall operation tests can be made without direct wire connections. New system of continuously variable inductive (C.V.I.) tuning affords high order of stability and resetability over the entire frequency range. Operates with a small antenna rod (supplied) or by direct connection to the receiver through a resistance attenuator. A special jack is provided for using external batteries where increased power is desired. Equipped for use with a quartz crystal, permitting precise alignment of field receivers up to 50 mc. at any time, without depending on the headquarters transmitter. 400 cycle sine wave modulation available with approx. 30% modulation of r.f. carrier or C.W. signals only can be used. Output voltage from rod approx. .1 volt. **Batteries supplied** (2-3 volt "A" and 1-45 volt "B"). In metal case 8x8x11". **The only oscillator available which can be externally modulated to give a fixed picture on television receivers.** Shpg. wt. 20 lbs. **\$93.75** **K21696—Your Cost Complete** (less crystal).



CLOUGH-BRENGLE 79C A.F. Oscillator

Has continuously variable output from 0 to 15,000 cycles, with virtually flat frequency characteristics. Delivers 0-120 milliwatts across choice of either 500 ohm or 5000 ohm impedance; distortion less than 3% at 60 milliwatts. Has high frequency stability and extremely low thermal coefficient. Zero adjustment knob on front panel and 6E5 "eye" indicator provide zero beat setting. Uses 4-6C5G, 1-6E5, 1-6X5. For 110 volts, 50/60 cycles a.c. Shpg. wt. 24 lbs.



K21457—Your Cost, With Tubes

Model 110 Signal Generator

Frequency range, in fundamentals, from 100 kc. to 31 mc. Has new Verni-Vider dial that gives quick reading with vernier precision. Over 17 feet effective scale length. Accuracy over the entire range is 1/2 of 1%. 400 cycle internal modulation at 30% level. Audio output consists of a push-pull 400 cycle sinusoidal audio voltage for amplifier tests, adjustable from 0 to 1.2 volts. Double shielded circuits. In case 9 1/2 x 15 1/4 x 7". For 110 volts, 50/60 cycles a.c. Shpg. wt. 31 lbs. **K21584**

\$58.30

Your Cost, Complete

\$48.50

FREE Dynamic Test Book, the guide to modern servicing, given with any C-B instrument. Specify on order.

CLOUGH-BRENGLE OCX Signal Generator



A precision signal generator that covers from 100 kc. to 80 mc. in five overlapping bands. All frequencies are fundamentals. Accuracy of 1/2 of 1% on all frequencies. Low-loss Rotor-Inductor coil changer provides quick and accurate band selection. Capacity effects and losses completely eliminated. Dual attenuator controls, continuously variable, provide smooth positive attenuation down to a fraction of a microvolt. R.F. output; 100,000 microvolts maximum. A.F. output; 1.2 volts r.m.s. across 100 ohms. Frequency fixed at 400 cycles. New Visi-Vider chart calibrated dial assembly provides remarkable visibility and reading accuracy. Micro-Vernier geared drive eliminates all backlash. **Over 40" of tuning scale length per band.** Hand drawn curves for each of the 5 bands. Stray voltages cut amazingly low. Uses: 1-6J5, 1-76 and 1-84. Ready reference charts showing over 90 most commonly used frequencies are conveniently located on the front panel. In metal case finished in green crystalac, 9 1/2" high, 12" long, 8 1/2" wide. For 110 volts, 50/60 cycles a.c. Shpg. wt. 25 lbs. **With tubes.**

K21459—Your Cost **\$33.80**

WESTON "776" OSCILLATOR

For use on all frequencies from 50 kc. to 93 mc. in six overlapping bands. Six feet of direct reading dial. Separate buffer tube prevents changes in attenuator loading from affecting oscillator tube. All circuits double shielded. Maintains flat level of attenuator input. 40% modulation at 400 cycles. New coil assembly eliminates all coil leads, minimizing leaks, strays and drifts. 10x16x5". For 110 volts, 50/60 cycles a.c. Shpg. wt. 18 lbs. **K21648—Your Cost** **\$65.25**



HALLICRAFTERS Model HT-7 Frequency Standard

For calibrating or checking calibration of receivers, setting ECO frequency, bandsetting, etc. Consists of a stable crystal osc. providing either 1000 kc. or 100 kc. output, together with a 10 kc. multi-vibrator and harmonic amplifier. Covers all usable frequencies. All controls on front panel. Uses: 1-6F6, 1-6L7, 1-6N7, and 1-80. In grey crackle finished steel case. For 110 volts, 50/60 cycles a.c. Wt. 10 lbs. **K21013—Your Cost, With Tubes** **\$29.50**



Model 1232A Signal Generator

6-Bands,
115 kc. to
30.5 mc.
★
A.C.
Operated



A reasonably priced instrument with performance approaching that of precision laboratory equipment. The model 1232A covers from 115 kc. to 30.5 mc. in six overlapping bands; total scale length over 50". Triple shielding prevents leaks or strays. Large dial opening. 180 degrees, improves readability. Low-loss band selector switch on panel. 400-cycle audio note obtained from panel jacks. Improved attenuation—zero for all practical purposes. Has built-in r.f. line filter. Six trimmer calibrated coils for accuracy well within all servicing requirements on all bands. In streamlined portable case with black suede enamel finish. 7 1/2 x 6 1/2 x 5 1/4". Etched panel in silver and red on black. Complete with instructions and accessories. Permanently attached approved all rubber line cord. For 110 volts, 50/60 cycles a.c. Shpg. wt. 16 lbs. **K21478—Your Cost** **\$29.24**

RCA A.C. TEST OSCILLATOR No. 153



Operates on 110-120 volts 50/60 cycles a.c. Range: 100-30,000 kc. (300 to 10 meters) in 6 bands. Giant 6" dial calibrated in frequency, accurate

within 2% (50" scale length). R.F. output 2 microvolts minimum, and .01/.25/1 volt maximum. Output impedances 10/750/4000 ohms. Frequency modulator jack provided for use with sweep condenser for visual i.f. alignment. 1 ampere fuse. Uses 5W4, 6C5, 6K8. In blue-grey wrinkle lacquer case with snap handle and rubber feet. Size: 13 1/4 x 9 1/4 x 6 1/4". Shpg. wt. 15 lbs. **K21448—Your Cost** **\$29.95**

RCA Electronic Sweep-Test Oscillator No. 150



Has own internal frequency modulator for oscillograph alignment. Frequency range 90-32,000 kc. (9.4 to 3300 meters) on fundamental frequencies only—6 ranges. Internal 400 cycles at 30%, or external amplitude modulation. High r.f. output—.025 volts; negligible leakage; 3-step attenuator plus continuously variable control. Illuminated 4" dial (scale length 45") with two ratios, 2:1 and 5:1. Uses: 6A7, 6F7, 2-6C6 and an 80. Steel cabinet. 13 1/4 x 9 1/4 x 7 1/2". For 110 volts, 50/60 cycles a.c. Shpg. wt. 19 lbs. **K21547—With Tubes** **\$64.50**

RCA BF Audio Oscillator No. 154



From 30 to 15,000 cycles. Choice of 3 output impedances. Output frequency 30-15,000 c.p.s. ±1 db from 30 to 10,000 cycles, down 2 db at 15,000. Output voltage; open circuit 37.5 volts; 5000 ohm load, 25 volts; 500 ohm load, 7.5 volts; 250 ohm load, 5.2 volts. Power output 125 milliwatts. Hum level, minus 60 db below maximum output. Distortion, less than 5% rms over entire range. 1.0 ampere fuse protection. In attractive grey wrinkle finish cabinet. Size: 9 1/2 x 13 1/4 x 6 1/4". For use on 110 volts, 50/60 cycles a.c. Uses: 2-6J7's, 5W4, 6C5, 6J5. Wt. 17 lbs. **K21443—With Tubes** **\$49.95**

POPULAR SIGNAL GENERATORS

— SUPREME INSTRUMENTS —

Model 571 Oscillator



Uses both iron-core and variable-air trimmers which assures accuracy and stability. Only TWO CALIBRATED SCALES FOR ALL BANDS; Multiply by 10 or 100, or divide for other and mc. bands. Five bands are: 65-205 kc.; 205-650; 650-2050; 2050-6050, and 6.5 to 20.5 mc. Harmonic frequencies to 60 mc. Double shielding. Ladder type attenuator. 400 cycle modulation at 30 or 75%. Shielded R.F. line filter. Dual ratio control dial provides speeds of two to one and five to one. Indicator is illuminated. Oak Case, size: 8½x9½x8¼". With output cable and complete instructions.

K2167— Shpg. wt. 15 lbs. **Your Cost**..... **\$36.75**

On Time: \$4.12 down; \$4.12 per month for 9 months.

Model 561 Generator



Variable audio modulated R.F. over same range; Frequency modulated R.F. for 'scope alignment; Means for external modulation of RF for special tests; Means for varying percent modulation from 0 to 75%. Employs illuminated dials, 4 AF output impedances (50, 600, 5000 and 50,000) push-button range selection, iron-tuned coils and air-dielectric trimmers, metered output in actual microvolts, metered percentage of modulation indicator, and shadow-type tuning indicator. AF output is flat within ±1 DB between 30 and 10,000 cps. 15 and 15,000 cps are down 2 DB. Housed in natural oak grain sturdy wood case, with handle. Size: 12x15½x8¼". Shpg. wt. 25 lbs.

K2171— **Your Cost**..... **\$76.93**

On Time: \$8.50 down, \$6.49 per month for 12 months.

Model 582-A Push-Button Oscillator



Five frequency ranges from 70 kc. to 15 megacycles; harmonics to 60 mc. PUSH-BUTTON tuning. Nine selected frequencies (the 6 most

popular i.f.'s and the 3 most used r.f.'s) are available instantly. Ladder type attenuator. RF or RF with 400 cycle modulation output; 400 cycle output, available for A.F. testing. Has "wobbulator" with band width variable from ±0 kc. to ±40 kc. R.F. filters in line. Bronze panel, quartered oak case with handle. Wt. 32 lbs. For 110/130 volts, 60 cycles a.c.

K2166 **Your Cost**..... **\$65.60**

On Time: \$7.35 down, \$6.03 per month for 11 months.

Model 582: As above, but without push-button tuning. **Your Cost**..... **\$58.75**

On Time: \$6.60 down, \$5.40 for 11 months.

— PRECISION — E-200 Signal Generator



Use the Precision A.V.C. substitution system which is incorporated for simplified, precise circuit alignment. Provides bias for connection to receiver, to replace the AVC and permit alignment of circuits without AVC interference. Freq. ranges 110 KC through 72

mc. in 6 bands. Large, full-vision, chrome finished 6" dial, with vernier. Separate 400 cycle modulator permits variable percentage modulation, and external audio signal. Thoroughly shielded for minimum leakage, with dual R.F. attenuation network for output control. Housed in black ripple, heavy-gauge steel case, with handle, size: 12x10½x6". Shpg. wt. 19 lbs. For 110 V. 60 cycles A.C. **K2175**— **Your Cost**..... **\$35.23**

E-300 Signal Standard



A NEW type of service instrument, designed especially for aligning and adjusting push-button receivers. Provides an accurate substitute for broadcast stations, and can be instantly set up for any 10 frequencies in the broadcast band. Frequency range 650 to 1600 KC. Station selection entirely by push-buttons. RF modulated by 400 cycles. Unit is battery-operated, and makes use of a 1N5 electron-coupled oscillator employing an air-tuned circuit with zero-drift silver-mica loading condensers; also, a 1E4 400 cycle audio oscillator. Push-button settings are obtained by means of self-locking "Alignaire" trimmers. Housed in black ripple, heavy gauge metal case with carrying handle, size: 12x6x6". Supplied with tubes, output cable and full instructions, but less batteries. Shpg. wt. 9 lbs. **K2176**— **Your Cost**..... **\$24.45**

Kit of batteries for above; consists of 1 Burgess 2FBP 1½ V. cell and 2-Burgess Z30N 45 V. "B" batteries. **Your Cost**..... \$2.21

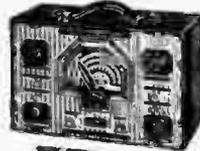
TRIUMPH Model 130 Video Signal Generator



New, modern design with facilities for television servicing. Range 100 KC to 32 mc, on fundamentals; 30 to 96 mc on harmonics. Employs 350 degree full-vision dial. Also, variable modulator control. Sine wave AF signal provided

for audio tests. Direct reading linear output indicator. Designed for 105-125 V., 50-60 cycles AC. In metal case, 13½x9x7". Supplied with all tubes, shielded cable with output plug and instructions. Shpg. wt. 22 lbs. **K2172**— **Your Cost**..... **\$29.35**

DEPENDABLE Model 702 Signal Generator



Improved modern oscillator, with wide range of useful test frequencies, from 95 KC to 100 mc. Fundamentals to 25 mc. Accurate, direct calibration. AF modulation

30% at 400 cycles, also available separately for audio tests. Provision made for external modulation or "wobbulator" connection for 'scope work. Excellently shielded and with RF filters. 5 step ladder attenuator. In attractive case, 8x11½x5". For 115 V., 50-60 cycles AC. Shpg. wt. 16 lbs. **K2170**— **Your Cost**..... **\$22.49**

MILLION Model "OD" Signal Generator



Precisely engineered. Employs an RF or buffer stage following oscillator, to avoid frequency modulation. Range 100 KC to 25 mc. AF signal for modulation available separately, with control for varying output. RF controlled by dual range attenuator, one for fine, other for coarse adjustment. Heavily shielded. For 110 V. AC or DC. Attractive etched bronze panel with ivory knobs, mounted in metal case, size: 7x10x6". Complete with tubes, etc. Shpg. wt. 10 lbs. **K2179**— **Your Cost**..... **\$19.95**

On Time: \$1.95 down, \$1.95 per month for 12 months.

— HICKOK —

Model 180 Signal Generator



Covers 100 KC. to 30 mc. in 6 ranges. Accuracy better than 1%. Two A.F. oscillators 0-400 cps., fixed, 100-10,000 cps. variable. Direct reading scale. Frequency modulated output (30 KC.

sweep). Amplitude modulated RF, Unmodulated RF, and AF are all available. Output meter, ranges: -10 to +6, +6 to +22, +22 to +38. Output controlled by attenuator, continuously variable from 0 to 1.0 volt. Wired for crystal control (no crystal included). Crystal may be obtained later and installed without returning instrument to factory. For 110 volts, 50-60 cycles A.C. Size: 13x10x7". Shpg. wt. 21 lbs. **K21635**— **Your Cost**..... **\$55.86**

Model No. 170

Same as above, but less output meter. **K21636**— **Your Cost**..... **\$46.45**

Model 19X Crystal-Controlled Micro-Volter



Provides over 250 crystal-controlled frequencies, modulated or unmodulated. Outputs are from 100 KC to 15,000 KC every 100 KC; and from 1000 KC to 100 mc, every 1000 KC. Accuracy better than .10%. Also incorporates a power level meter and vacuum tube voltmeter, the latter to keep the calibration of the attenuator true. Calibrated output ranges provided are: R.F., ¼ microvolt to 100,000 on all ranges; A.F., 0-1.0 volt; Decibels, -10 to +6, +6 to +22, +22 to +38. RF ranges calibrated directly 100 KC to 60 mc. 400 cycles AF is available for separate AF tests or for modulating the RF carrier. Built-in decibel meter can be connected to VT voltmeter circuit, or to external circuit for measurements. Designed for 110 volt, 60 cycle operation. Housed in sturdy case. Supplied complete with dummy antenna, cables and instructions. Shpg. wt. 20 lbs. **K2178**— **Your Cost**..... **\$82.32**

On Time: \$8.23 down, \$7.00 per month for 12 months.

Modern All-Purpose Test Instruments

Model 593 Analyzer



Permits connection to any multi-meter, which enables making essential tests within any receiver without removing chassis. Voltage, current and resistance measurements all made by pressing push-buttons. Six sockets, including Loktal, are incorporated. Analyzer plug replaces tube in set's socket. In Oak Carrying Case, with cable, plug adapters, etc. Shpg. wt. 8 lbs.

K10533—Your Cost \$16.17
Time plan \$4.78 down,
3 months at \$4.78

RADIO CITY PRODUCTS Master Analyst



Improved push-button analyzer for plugging-in receiver socket for measuring voltage, current, resistance or capacity in any radio unit. Safeguarded against "shorts" when 2 or more buttons are pressed. Permits current and voltage measurements in same circuit at same time. Incorporates 6 sockets, including Loktal. Complete with cable, toggle latch-type plug and 7 adapters. 8 3/4 x 7 3/4", in natural finish wood case. Wt. 5 lbs. Model 504C.

K10534—Your Cost \$14.65
Model 504. Same, but less case. Dim.: 8 1/2 x 6 3/4". Requires 3" mtg. depth. Shpg. wt. 5 lbs.

K10535—Your Cost \$13.47

TRIPLETT Appliance Tester



Tester contains a wattmeter and voltmeter, twin instrument style, in leather carrying case. Permits quick, accurate checking of power consumption of appliances, radio sets, etc., as well as line voltage. Watts and volts may be read simultaneously. Watt ranges: 1500 watts at 220 volts, 750 watts at 110 volts. Current rating is 7.5 amps. Dual voltmeter scale, 150 and 300. Case is: 3 1/2 x 5 3/8 x 2 3/8", with leather handle and flap. Shpg. wt. 5 lbs.

K10537—Your Cost \$18.94

STERLING Pocket Meters

Accurate meters, ideal for checking portable set batteries, etc.

Very compact and handy.

37A. Voltmeter. 2-scale: 0-2-50 volts.

K10885—Your Cost \$1.18

39A. Voltmeter. 2-scale: 0-2-150 volts.

K10886—Your Cost \$1.47

No. 30 Air Cell Tester. **K10887—Your Cost \$1.47**

AEROVOX Capacity Bridge



Measures all essential properties of condensers under actual working conditions. Resistance bridge also provided, as well as insulation resistance test permitting many other tests. Applies continuously variable polarizing d.c. voltage as well as a.c. to condenser tested, as in actual use. Polarizing voltage shown on meter, which also aids in determining exact leakage at given voltage. 270° main capacity dial spread calibrations for accurate readings. Linear scale covers but one decade per range. Instrument provides vacuum tube voltmeter, voltmeter, millivoltmeter and milliammeter. Has variable-voltage power source. In lock-cornered red gumwood case, natural finish, with slip hinges. Size, 10 1/4 x 7 3/4 x 8". Wt. 11 lbs.

With Instruction Book.
K21659—Your Cost, Complete \$35.03

AEROVOX Model 95 "LC" Checker



Designed to test condensers and inductances in the RF range under conditions simulating actual operation. Measures effectiveness as well as capacity or inductance of coils and condensers. Also ideal for aligning all receivers, tuning wave traps, checking oscillators and wavemeters, etc. Incorporates an oscillator covering from 75 kc. to 26 mc., in 6 ranges. Direct-reading calibration. 6E5 indicator to indicate resonance when coupled to another circuit, etc. Operation from 115 volts, 60 cycles a.c. only. In shielded metal case, dim.: 10 1/2 x 7 1/2 x 5 1/2". Shpg. wt. 6 lbs.

K21725—Your Cost \$28.91

TOBE Condenser Analyzer



Checks all types of condensers from .00005 mfd to 100 mfd. for leakage, open circuit, short circuit and intermittent internal connection. Has built-in power supply (110 volts, 50/60 cycles a.c.) giving 700 volts d.c. Neon tube shows leakage. Requires 01A tube. Metal case: 3 3/4 x 4 1/2 x 7 1/2". With clip leads. 01A tube not supplied.

K10465—With neon lamp. Your Cost \$11.40

Radio City Universal Trouble Tracer



Combined a.c.-d.c. voltmeter, ohmmeter, milliammeter and d.b. meter. 1000 ohms per volt sensitivity. D'Arsonval type meter with an accuracy of 2%. Ranges: **D.C. and A.C. Volts**—0/5/50/500/1000; **D.C. Mills**—0/1/10; **Ohms**, with self contained batteries, -0/5000/500,000; **D.B.**—-12 to +8/8-28/28-48/34-54. Handsome hardwood case: 6x3x2 3/8". Shpg. wt. 2 lbs.

K10536—Your Cost \$7.79

SIMPSON GIANT SET TESTER

With 9" Illuminated Meter

Entirely a.c. operated and requires no batteries of any kind. All voltage ranges both a.c. and d.c. have a resistance of 1000 ohms per volt. Illuminated dial meter is 9" wide and 8 1/4" high. Provides 50 different ranges. **D.C. scales in black, a.c. in red.** Ranges: **A.C. and D.C. Volts**—0/3/7.5/30/75/150/300/750/1500/3000; **D.C. Mills**—0/1.5/7.5/15/75/300/750; **Ohms**—500/50,000/500,000/5 Meg./50 Megs.; **Capacity Mid.**—.0001/.05/.5/5/50; **DB.**—seven ranges from -20 to +48. Wrinkle finished metal case 10x16x5". Shpg. wt. 16 lbs. 3000 volts. Insulated test leads included.

K21726—Model 320 Your Cost \$36.75



Universal Tube-Checker Adapter for Metal Tubes



Enables any tube checker to test more than 85 metal and octal glass tubes. Toggles to test both plates of rectifiers and sections of "Twin" tubes. Etched metal plate on top of unit for permanent instructions. Substantial molded Bakelite construction. Supplied with full instructions. Shpg. wt. 4 lbs.

K11760—Your Cost \$3.82

NOTE

We can furnish all makes of test equipment and adapters. We will gladly quote on your requirements.

JFD Ballast-Tube Tester



For testing all 4 or 8 prong ballast tubes. No chart necessary, selector switch takes care of all types. Checks both glass and metal

types. Very simple and quick to operate. Red light indicates "bad" ballast tube; green light "good" tube. For 110-120 volts a.c.-d.c. In crackle-finish cabinet. Size: 4 1/2 x 8 3/8 x 3 3/4". Shpg. wt. 6 lbs.

K21672—Your Cost \$4.95

AMPHENOL Unwired Adapters



Make your own adapter, to meet your requirements. Tops and Bases available in all types. Bases are black only, with 3/8" hole on side for bringing out leads or fastening metal tube grid cap stud. Bases and tops drilled for retapping screws, supplied with each base. Tops available in black, red, green, and yellow. Specify color.

Prongs	Adapt. Top Stock No.	Adapt. Base Stock No.
4	K11562	K11569
5	K11563	K11570
6	K11564	K11571
7	K11565	K11572
7L		K11573
7L*	K11566	
8S	K11567	K11574
8L		K11575
Lok.	K11568	

*7C top fits only 7L and 8L bases.
Adapt. Tops 12c Each
Adapt. Bases 12c Each
K11576—Metal Cap Side Stud. Each .6c

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) 16c



Universal Output Meter Adapter



Contacts plate prong of tube for connecting an output meter or other device. Fully insulated flexible 50" lead; phone tip at end.

K11603—Your Cost Each 18c

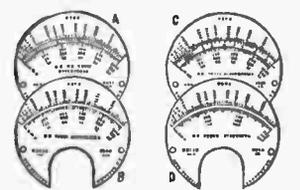
Bantam Jr. Plugs and Adapters



For testing the new Bantam Jr. tubes, now popular for hearing aids, pocket sets, compact transmitters and receivers, and miniature amplifiers. Top accommodates 5 and 6 prong Bantam tubes. Base plug fits into octal socket of tube testers, etc. Supplied unwired with instructions.

K11540—Bantam Jr. to Octal Your Cost Each 29c
Bantam Jr. Plug Adapter
Bantam Jr. plug to octal socket, for the end of analyzer plugs. Not wired.
K11543—Octal to Bantam Plug Your Cost Each 29c

Meter Scales



Available in 4 types, as illustrated, each for 0-1 ma. Weston 301 or Triplett 321 meters. Specify meter. Precisely calibrated for volts-ohms-mills, on platinum Bristol board. With diagram.

"A" K10981 | **"B" K10982**
"C" K10983 | **"D" K10984**
Your Cost Each 19c

METERS, METER KITS & ACCESSORIES

9 Wire Octal Analyzer Plug and Adapters

Lock-tite octal base analyzer plug with separate grid plug wired to 5 feet of 9 wire cable and with 8 prong socket and first five adapter plugs listed below. Complete as shown. Shpg. wt. 3 lbs.

- K11499** **\$5.40**
Your Cost
K11498—Locktite analyzer Plug only. **\$1.03**
Your Cost
Analyzer Adapters Only
 No. Type Each
K11493 8 to 4 **58¢**
K11494 8 to 5
K11495 8 to 6
K11496 8 to 7S
K11497 8 to 7L
K11524 8 to Octal **73¢**

Loktal to Octal Adapter Kit

Contains 5 adapters to check any Loktal tube in any checker equipped to check octal base tubes. Converts loktals into octal counterparts. Tops coded green, gray, blue, black and yellow.

K11523—Your Cost **\$2.75**

Individual Adapters

Stock No.	Loktal	Test as Octal
K11518	7A8 & 7B8	6DHG
K11519	35A5*	25L6G*
K11520	7C6 & 7B6	6T7
K11521	7A6 & 7Y4*	6H6 & 6X5*
K11522	{ 1231*, 7A7, 7B7, 7B5, 35Z3*	6K7 6X5*

Your Cost Any Type, Each **59¢**

*Indicates special instructions supplied with adapter.

Meter Box



Open face hardwood box finished outside in polished walnut, inside is stained. Six pillars for panel support. Overall: 5 $\frac{1}{2}$ "x7 $\frac{3}{4}$ "x3 $\frac{1}{2}$ ". Inside: 5 $\frac{1}{2}$ "x7 $\frac{3}{4}$ "x3 $\frac{1}{2}$ ". Leather handle. Shpg. wt. 3 lbs.

K10522—Your Cost **\$1.22**

Meter Box



Used for VOM kit described above. Open faced, lock-cornered. For 3x5 $\frac{1}{2}$ " panel. Walnut finished on the outside—inside stained. Overall dimensions: 6 $\frac{1}{2}$ "x3 $\frac{3}{4}$ "x2 $\frac{1}{2}$ ". Inside: 3x5 $\frac{1}{2}$ "x1 $\frac{1}{2}$ ". Two panel supporting pillars. Shpg. wt. 1 lb.

K10527—Your Cost **49¢**

Meter Box



Used for the Analyzer kit described above. Walnut finished inside and out. Rubber bumpers on two planes for upright and horizontal use. For 8x10" panels. Overall: 8 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "x4 $\frac{1}{4}$ ". Leather handle. Wt. 3 lbs.

K10530—Your Cost **\$1.45**

Manganin Resistance Wire

No. 30 for multipliers, No. 26 for shunts to 50 Ma., No. 22 to 1 Amp., No. 15 to 10 Amps.
K10840—15 Gauge, bare. .0893 ohm per foot. 5 feet to a spool.
K10841—22 Gauge, DSC. .4531 ohm per foot. 10 feet to a spool.
K10842—26 Gauge, DSC. 1.147 ohm per foot. 25 feet to a spool.
K10843—30 Gauge, DSC. 2.9 ohms per foot. 30 feet to a spool.

Your Cost per Spool, Any Above **25¢**

Copper Oxide Rectifier

Converts d.c. milliammeters of 15 ma. or less to a.c. milliammeters. With proper resistors can measure up to 1000 volts. Only for all changeovers and new instruments.

K10570—Your Cost **\$2.95**

Copper Oxide Rectifiers

Miniature type, $\frac{3}{16}$ " square. For d.c. meters drawing less than 5 ma.
K10566 **\$2.15**
Each

20 Ma. Capacity
 Circular, $\frac{3}{8}$ "x $\frac{1}{2}$ " dia. Lugs **\$1.88**
K10567—Each

50 Ma. Capacity
 1 $\frac{1}{2}$ "x $\frac{3}{4}$ " 600 V. max. **\$1.75**
K10568—Your Cost

BERNARD Volt-Ohm-Milliammeter Kits



3" Meter, 1000 ohms/Volt.
 An excellent 1 Ma. foundation meter of the D'Arsonval type. Highly polished, red molded, bakelite case 3" square. Large, unusually legible, calibrations and scales. Provides ranges of: 1.5/10/50/250/500/2,500 Volts DC; 15/150/1,500 Volts AC; -2 to +18, +18 to +38 and +38 to +58 DB; 1/10/100 DC Ma.; 0-1 Ampere DC; 3,000/30,000/300,000 Ohms (with 1.5 v. cell) 100 Millivolt movement. Complete with instructions and circuits. Shpg. wt. 2 lbs. 1000 ohms per volt. **\$2.91**
K10523—Meter only. Each

3" Meter, 5000 ohms/volt

Same as above but 5000 ohms per volt. (200 millivolt.) Same ranges plus additional resistance range to 3 megohms. **\$5.60**
K10524—Meter only. Each

PARTS KIT FOR DC RANGES

All parts needed to obtain above DC ranges. Includes: drilled and engraved 3x5 $\frac{1}{2}$ " aluminum panel; 12 position, 3 circuit, selector switch with bar handle; 2500 ohm resistance control with pointer knob; 3 bakelite tip jacks; 4 wire-wound 2% accurate shunts, 6 matched pairs 2% accurate insulated multipliers; 1400 ohm resistor; 1.5 volt dry cell; 2 ft. rosin core solder. Instructions, diagrams. Shpg. wt. 2 lbs.
K10525—For 1000 ohms-per-volt meter. \$2.45
K10511—For 5000 o.p.v. meter. \$2.45
Your Cost, Either Kit

PARTS KIT FOR AC RANGES

When used with the above DC Kit makes a complete AC-DC Meter having all the ranges indicated in the meter description given above. Includes copper-oxide rectifier, limiting resistor and 3 sets of 2% accurate insulated multipliers.
K10526—For 1000 ohms-per-volt meter. \$2.61
K10512—For 5000 o.p.v. meter. \$2.61
Your Cost, Either Kit

4 $\frac{3}{8}$ " 5000 O.P.V. Meter

A 0-200 Microampere Foundation Meter with a beautiful aluminum dial lithographed in four colors. D'Arsonval movement with genuine sapphire double bearings. Meter resistance 1000 ohms (200 millivolts). Fits 2 $\frac{3}{4}$ " panel hole. 2% accuracy. Ranges are: DC Volts (at 5000 ohms per volt) 10/50/250/500/2,500/5000; AC Volts (at 1000 ohms per volt) 15/150/1500; O.B. -10 to +18, +10 to +38, +30 to +58; DC Microamperes 0-200; Milliampers 1/10/100; DC Amperes 1/10; Ohms 3,000/30,000/300,000/3,000,000 (with 1.5 and 4.5 V. battery); Megohms 0-30 (with 45 V. Battery); Microfarads .00025-.05 and .05 to 10; Henries 0-70 and 70-10,000. Highly polished red bakelite case. Shpg. wt. 3 lbs.
K10528—Meter only. \$6.88
Your Cost

Analyzer Control Kit

Includes all necessary parts to make the above meter into a complete 5000 ohms per volt analyzer having the ranges listed above. Includes: 8x10" color etched panel, 3 circuit 22 position switch; two tip jacks; all shunts, multipliers, limiting resistors and a 1.5 volt and a 4.5 volt battery. Additional resistors for 30 and 300 megohm ranges are supplied but no batteries for these ranges. A strap for the 45 V. battery (required for the 30 Meg. range) is provided inside the case. The 450 V. supply (required for the 300 Meg. range) must be external. Complete instructions, diagrams, solder, etc. supplied. **\$9.42**
K10529—Your Cost

Eveready 45 Volt battery for use with the above kit. Size: 4 $\frac{1}{4}$ "x2 $\frac{1}{2}$ "x5 $\frac{3}{8}$ ". **\$1.03**
K20131—Net Cost, Each

LAFAYETTE Meters

0-1 Ma. D.C. 3" Square Type



D'Arsonval moving coil type movement (50 mv.). In 3" square bakelite case requiring 2 $\frac{3}{4}$ " panel hole. With zero adjuster. Shpg. wt. 2 lbs.
K10694—Scale reads 0-1. Milliamperes d.c.
K10696—Scale reads: Lo-ohms 0-500; Hi-ohms 0-100,000; d.c. ma. 0-1-100; d.c. volts 0-10-100-500-1000.

Your Cost Each, Either Type **\$3.23**

Volt-Ohm-Milliammeter Kit

Complete kit of shunts, multipliers, posts, switches, fuse, safety button battery, etc.—with above meter (K10696). When completed, following ranges are provided: Lo-ohms 0-500; Hi-ohms 0-100,000; d.c. ma. 0-1-100; d.c. volts 0-10-100-500-1000. With diagram and instructions and undrilled 7x10" panel. Shpg. wt. 6 lbs. **\$7.95**
K10695—Complete Kit, Each

Continental Carbon Multiplier Resistors

An entirely new type of carbon resistor, impregnated and hermetically sealed in a glass tube. Impervious to moisture and unusually stable. For any 1 watt application but especially recommended for meter multipliers, photo-cell circuits, etc. Pigtail leads. Type A1. Accuracy plus or minus 5%.

No.	Ohms	Volts	No.	Ohms	Volts	No.	Ohms	Volts
K12286	1450	1.5*	K12298	10000	10	K12310	200000	200
K12287	2950	3*	K12299	13500	13.5	K12311	250000	250
K12288	8500	3.5	K12300	15000	15	K12312	300000	300
K12289	4450	4.5*	K12301	25000	25	K12313	450000	450
K12290	4950	5*	K12302	30000	30	K12314	500000	500
K12291	5000	5	K12303	50000	50	K12315	600000	600
K12292	5500	5.5	K12304	60000	60	K12316	750000	750
K12293	5950	6*	K12305	75000	75	K12317	800000	800
K12294	7450	7.5*	K12306	85000	85	K12318	900000	900
K12295	8500	8.5	K12307	90000	90	K12319	1 Meg. 1000	
K12296	8950	9*	K12308	100000	100			
K12297	9950	10*	K12309	150000	150			

Your Cost Each, Any Size **18¢**
 *Allow for 50 ohm meter resistance.

Molded Bakelite Meter Box

Black molded bakelite. Overall: 6 $\frac{1}{8}$ "x5 $\frac{1}{2}$ "x2 $\frac{3}{8}$ " deep. Inside: 5x6 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Panel mounting screw inserts molded-in.
K10531 Shpg. wt. 3 lbs. **83¢**
Your Cost, Less Panel

RADIO CITY Shunts

For 0-1 Ma. Meters

For increasing range of milliammeters. Individually calibrated; accurate to within 1% of rated value. Pigtail wire leads. 1-watt. All 2 $\frac{3}{4}$ "x $\frac{3}{8}$ " diameter.

For 27 Ohm Meters			
No.	Mils.	No.	Mils.
K10848	5	K10852	100
K10849	10	K10853	250
K10850	25	K10854	500
K10851	50	K10855	1000

For 30 Ohm Meters			
No.	Mils.	No.	Mils.
K10856	5	K10860	100
K10857	10	K10861	250
K10858	25	K10862	500
K10859	50	K10863	1000

For 50 Ohm Meters			
No.	Mils.	No.	Mils.
K10864	5	K10868	100
K10865	10	K10869	250
K10866	25	K10870	500
K10867	50	K10871	1000

Your Cost Each, Any Above Type **49¢**

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

FUSES and METER ACCESSORIES



READRITE Square & Round Meters

Model 55 (round) and Model 95 (square) are flush-mounting panel meters, finished in bright nickel and black enamel, respectively. Both require a 2 3/8" hole. D.C. units are the polarized vane, solenoid type. A.C. units are double-vane repulsion type. Round meters of the clamp-on type, supplied with clamp.



Beede Illuminated D.C. Milliammeters



Milliammeters

Model 311. Overall diameter 3 1/2". Bakelite case. Furnished with translucent dial scale; circular cutout in meter back for mounting pilot light socket (listed below). Entire scale becomes illuminated. Meter has D'Arsonval movement, zero adjustment, aluminum pointer.

accurate to within 2%. Sapphires bearings, zero adjustment, aluminum pointer.
 Stock No. Range Your Cost
 K11196 0-1 Ma. \$3.97
 K11197 0-10 Ma.
 K11198 0-100 Ma.
 K11199 0-200 Ma.
 Plug button bayonet base pilot light socket for above.
K11173—Your Cost \$12^c

MODEL 701—3 1/4"

Similar to Model 311, but 3 1/4" in diam., and in metal case. Metal etched scale. Not illuminated.
 Stock No. Range Your Cost
 K11174 0-1 Ma. \$3.53
 K11175 0-10 Ma.
 K11176 0-200 Ma.
 K11177 0-500 Ma.
\$2.79



HOYT Hot-Wire Antenna Ammeter

For measuring the output of small transmitters. Newly designed, Molded Bakelite case 3 3/8" overall diameter. Mounts in 2 1/4" hole.

K10445 Range, 0-1.5 amperes.
 K10446 Range, 0-3 amperes.
 K10447 Range, 0-5 amperes.
Your Cost \$2.70

D.C. MILLIAMMETERS

Model 55		Model 95	
No.	Range	No.	Range
K111050	0-5	K11150	\$1.32
K111100	0-10	K11151	1.38
K111101	0-15	K11152	.79
K111102	0-25	K11153	.79
K111103	0-50	K11154	.79
K111104	0-100	K11155	.79
K111105	0-150	K11156	.79
K111106	0-200	K11157	.79
K111107	0-300	K11158	.79
K111108	0-400	K11159	.79
K111110	0-15/150	K11161	1.38

D.C. VOLTMETERS

Model 55		Model 95	
No.	Range	No.	Range
K111051	0-1	K111051	0-1
K111052	0-3	K111052	0-3
K111053	0-6	K111053	0-6
K111054	0-8	K111054	0-8
K111055	0-10	K111055	0-10
K111057	0-15	K111057	0-15
K111059	0-25	K111059	0-25
K111060	0-25	K111060	0-25
K111061	0-50	K111061	0-50
K111062	0-50	K111062	0-50
K111063	0-100	K111063	0-100
K111065	0-150	K111065	0-150
K111066	0-150	K111066	0-150
K111067	0-300	K111067	0-300
K111068	0-500	K111068	0-500
K111069	0-60/300	K111069	0-60/300

D.C. AMMETERS

K111091	0-1	K11162	.79
K111092	0-3	K11163	.79
K111093	0-5	K11164	.79
K111094	0-10	K11165	.79
K111096	3-0-3	K11167	.79
K111097	6-0-6	K11168	.79
K111098	10-0-10	K11169	.79
K111099	20-0-20	K11170	.79

A.C. MILLIAMMETERS

K111087	0-50	K111000	1.82
K111088	0-100	K111001	1.82
K111089	0-250	K111002	1.82
K111090	0-500	K111003	1.82

A.C. AMMETERS

K111081	0-1	K111004	1.82
K111082	0-3	K111005	1.82
K111083	0-5	K111006	1.82
K111084	0-10	K111007	1.82
K111085	0-50	K111008	2.40

A.C. VOLTMETERS

No.	Range	Each	No.	Each
K111072	0-4	\$1.62	K111028	\$1.82
K111073	0-6	1.62	K111029	1.82
K111074	0-10	1.62	K111030	1.82
K111075	0-15	1.62	K111031	1.82
K111076	0-150	2.65	K111032	2.85
K111077	0-300	3.23	K111033	3.44
K111079	0-750	4.56	K111034	4.76
K111080	0-10-140	2.65	K111035	2.85

Wide Flange for Model 55 (Round) Meters 2 3/8" outside diameter. Black enamel finish.

K11041
Your Cost Each 9^c

STERLING Panel Meters



A line of efficient test meters having 2" case diameter, 2 1/2" overall. Chromium plated flange. For front of panel mounting. Sensitive movements, highly accurate. Scale is long, and easily legible. Binding post terminals on back of case. Shpg. wt. each 1 lb.

D.C. Milliammeters

Stock No.	Range	Your Cost
K10888	0-5 Ma.	\$1.32
K10889	0-10 Ma.	1.18
K10890	0-15 Ma.	
K10891	0-25 Ma.	
K10892	0-50 Ma.	
K10893	0-100 Ma.	
K10894	0-150 Ma.	
K10895	0-200 Ma.	
K10896	0-300 Ma.	
K10897	0-400 Ma.	

59^c

D.C. Ammeters

K10898	10-0-10 Amps.	59^c
K10899	20-0-20 Amps.	

D.C. Voltmeters

K10903	0-3 Volts	59^c
K10904	0-6 Volts	
K10905	0-10 Volts	
K10906	0-15 Volts	
K10907	0-50 Volts	

Bakelite Fuse Mounts

Sub-Panel Type
 Molded bakelite. 1" 6-32 studs. For instrument fuses only.
K12382—Your Cost 12^c

Panel Type
 Molded bakelite. 1 1/2 x 3/4". For 1" instrument type fuses only. Plated fuse clips are slotted.
K12383—Your Cost 9^c

LITTELFUSE Products

LITTELFUSES for Test Instruments

Designed to protect delicate test instruments. Dependable and accurate. Break circuit immediately on reaching blow point. Length 1", diam. 1/4". May be used on 250 volts, a.c. or d.c.



Stock No.	Rating Amps.	Max. Load Ma.	Res. on 5 Ma. Load	Your Cost Each	Your Cost Doz.	V-M Ohms Per V.	To Protect Milliammeters
K12339	1/200	5	500	18c	\$1.95	over 1000	Galv.
K12385	1/100	10	110	12^c	\$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	9^c	\$1.00	20-100	25-75
K12388	1/3	100	3			20-100	25-75
K12390	1/4	200	6.2			10-20	75-150
K12391	1/3	300	3.0			5-10	150-250
K12392	1/3	400	2.5	6^c	65^c	3-5	250-350
K12393	1/3	600	.4			350-500	500-750
K12394	1	1000	.24			500-750	1000-1500
K12395	2	2000	.14				

'Meter-Back' Mounting

Mounts directly on any meter terminal. Will not touch the other posts.
Your Cost 12^c



Extractor Fuse Post

For panel mounting. Takes 1" instrument type fuse only. 1/2" diameter threaded bushing for up to 3/8" thick panels.
Your Cost 24^c



READRITE Tuning Meters

Four popular types available with either 10 or 15 milliamper movements. Mounted in strong metal cases. Types C and D are shadow illuminated and have translucent screens; types A and B have glass dials. Types A and C are bottom illuminated. B and D rear illuminated. All with 6" connecting cable. All are sold less escutcheon.

Stock No. 10 Ma. 15 Ma.
 K11182 K11183
 K11186 K11187
 K11190 K11191
 K11195 K11196

Escutcheon Plates
 K11293—For Type A-B.
 K11294—For Type C-D.
Your Cost Each 18^c



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. Round	Range	No. Square	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. VOLTMETERS

K10607	0-10	K10767	\$6.61
K10608	0-15	K10768	6.61
K10615	0-150	K10769	8.27

MICRO-AMMETERS

K10701	0-200	K10770	\$10.47
K10702	0-500	K10771	

A.C. VOLTMETERS

Model 476—3 3/8" Diameter

Stock No.	Approx. Volts	Ohms Volt	Your Cost
K10752	15	14	\$6.61
K10758	150	110	8.27

Model 476—Rectangular

K10753	15	14	\$6.61
K10754	150	110	8.27

NOTE

We can furnish any current model WESTON meter desired at lowest dealer prices. Write for quotation and latest literature.

We Will Not Knowingly Be Undersold

TRIPLET PRECISION PANEL METERS



7" Illuminated A.C.-D.C. Foundation Instrument

25,000 ohms-per-volt sensitivity. Has 6" scale with calibrations for: d.c. volts from 0/10/50/250/1000 at 25,000 ohms/volt; 0/50/250 d.c. microamperes; 0/1/10/50/250/500 d.c. milliamperes; resistance 1/2 to 500 ohms and 20,000/200,000, 2,000,000 ohms at 1 1/2 volts; a.c. volts 0/10/50/250/1000 at 1000 ohms/volt. Glass dial. Molded case. Edgewise illumination. Shpg. wt. 4 lbs.

K11364—Model 726
Your Cost..... **\$17.96**

Smaller Size Foundation Instruments

Same as above, but with white dial scales.
K11365—Model 321. 3" round case. Your Cost..... **\$9.80**
K11366—Model 426. 4" square case. Your Cost..... **10.95**
K11367—Model 521. 5" round case. Your Cost..... **11.44**

Essential Parts Kits

A.C.-D.C. CONTROL BOX: Contains all parts necessary for above measurements. Completely assembled. Wrinkle finished metal case. Shpg. wt. 6 lbs.

K11439—Your Cost..... **\$15.36**

As above, but less metal case. Wt. 5 lbs.
K11440—Assembled, Your Cost..... **\$14.21**

KIT OF PARTS ONLY: Same as K11439 above, but in kit form, unassembled. Includes metal case. Shpg. wt. 6 lbs.
K11441—Your Cost, Complete Kit..... **\$10.95**

1000 Ohms-Per-Volt Foundation Meters

0-1 d.c. milliammeter Foundation Instruments with internal resistance of 100 ohms (1000 ohms-per-volt). Scales read: 0-10-50-250-500-1000 volts; 0-1-10-50-250 milliamperes; low ohms, 2 to 500; high ohms to 100,000. Shpg. wt. Each.....

K11442—Model 321. 3" Round..... **4.90**
K11388—Model 326. 3" Square..... **5.90**
K11278—Model 421. 4" Square..... **6.20**
K11297—Model 521. 5" Round..... **6.86**
K11285—Model 726. 7" Square..... **11.44**

SHUNTS AND RESISTORS FOR ABOVE INSTRUMENTS

Resistors, on bakelite, for 0-10-50-250-500-1000 volts.

K11368—Your Cost..... **\$7.18**

Shunts for 0-1-10-50-250 ma.; current limiting resistors for low and high ohms and shunt for low ohms.

K11369—Mounted on bakelite. Your Cost..... **\$2.28**

K11370—Zero adjust. rheostat for ohms ranges. Each..... **66c**

Multi-Deck Selector Switch (2 decks). With knob.
K11371—Your Cost..... **\$1.30**

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 921. 3" dia. **\$7.67**
Model 421. 4" sq. **\$12.91**
Occlibel Meter Kit: Includes K11446 3" meter, selector switch, 9 wire-wound multipliers on bakelite board, hook-up wire and diagrams.
K11448—Each..... **\$15.51**

Universal 3" A.C. D.C. Meter
 Uses copper oxide rectifier in advanced circuit; low losses due to rectification. Using multipliers, scales are: 0-15-150-750 volts a.c., or 0-1.5-15-150 d.c. ma., 0-15-150 a.c. ma., 0-1500 ohms, 0-1.5-3 megohms. Accuracy on d.c. 2%, on a.c. 5%. With D.P.D.T. switch for a.c. to d.c. change. Ideal foundation instrument for servicemen's test outfit. List \$25.00.
K11291—Each..... **\$9.80**

High Range D.C. Voltmeters for Amateurs

All 1000 ohms-volt. With external metallized multiplier on bakelite strip. 3" molded cases. Mod. 321—Round; Mod. 327A—Square.

321		327A		321		327A	
No.	Range	No.	Each	No.	Range	No.	Each
K11550	0-1000	K11553	\$8.50	K11553	0-2500	K11559	\$8.50
K11551	0-1500	K11554	8.50	K11554	0-3000	K11560	8.50
K11552	0-2000	K11555	8.50	K11555	0-5000	K11561	11.44

Thermo-Ammeters with External Couple

Model 341, 3" No. | Cost | Amps. | Model 241, 2" No. | Each

K11389 0.5 K11428
 K11390 1.5 K11430
 K11391 1.0 K11425 **\$7.1**
 K11392 2.5 K11426
 K11393 5.0 K11427

Replacement couples on order; any range, specify..... Each \$2.62

Thermo-Ammeters with Built-in Couples

Model 341. For r.f. measurements, ant. radiation indication, etc.

3" Round		3" Square		
No.	Each	No.	Each	
K11229	\$4.41	0.5	K11220	\$4.41
K11235	4.41	1.0	K11221	4.41
K11238	4.41	1.5	K11222	4.41
K11239	4.41	2.5	K11227	4.41
K11246	4.41	5.0	K11228	4.41



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%. Meter sizes shown below.

D.C. Milliammeters—Round and Square Case

Range	2" Round		Each	2" Square		Each	3" Round		Each	3" Square		Each	4" Square	
	No.	Range		No.	Range		No.	Range		No.	Range		No.	Range
0-1	K11208	0-1	\$3.75	K11200	0-1	\$4.58	K11336	0-1	\$5.88					
0-1.5	K11209	0-1.5	3.75	K11201	0-1.5	4.58								
0-3	K11415	0-3	3.75	K11411	0-3	4.58								
0-5	K11416	0-5	3.75	K11412	0-5	3.75	K11337	0-5	4.90					
0-10	K11210	0-10	2.94	K11202	0-10	3.75	K11338	0-10	4.90					
0-15	K11211	0-15	2.94	K11203	0-15	3.75	K11339	0-15	4.90					
0-25	K11398	0-25	2.94	K11394	0-25	3.75	K11340	0-25	4.90					
0-50	K11212	0-50	2.94	K11204	0-50	3.75	K11341	0-50	4.90					
0-100	K11213	0-100	2.94	K11205	0-100	3.75	K11342	0-100	4.90					
0-150	K11417	0-150	2.94	K11413	0-150	3.75	K11343	0-150	4.90					
0-200	K11214	0-200	2.94	K11206	0-200	3.75	K11344	0-200	4.90					
0-250	K11418	0-250	2.94	K11414	0-250	3.75	K11345	0-250	4.90					
0-300	K11287	0-300	2.94	K11395	0-300	3.75	K11346	0-300	4.90					
0-500	K11215	0-500	2.94	K11207	0-500	3.75	K11347	0-500	4.90					
0-750	K11400	0-750	2.94	K11396	0-750	3.75	K11348	0-750	4.90					
0-1000	K11401	0-1000	2.94	K11397	0-1000	3.75	K11349	0-1000	4.90					

D.C. Microammeters—Round and Square Case

Range	2" Round		Each	2" Square		Each	3" Round		Each	3" Square		Each	4" Square	
	No.	Range		No.	Range		No.	Range		No.	Range			
0-50				K11352	0-50	\$9.80	K11358	0-50	\$10.95					
0-100				K11353	0-100	8.50	K11359	0-100	9.63					
0-200	K11432	0-200	\$6.86	K11434	0-200	7.84	K11360	0-200	9.14					
0-500	K11433	0-500	5.07	K11435	0-500	6.05	K11361	0-500	7.03					

A.C. Voltmeters—Round and Square Case

Range	2" Round		Each	2" Square		Each	3" Round		Each	3" Square		Each	4" Square	
	No.	Range		No.	Range		No.	Range		No.	Range			
0-1	K11280	0-1	\$2.94	K11273	0-1	\$3.75	K11466	0-1	\$4.90					
0-10	K11281	0-10	2.94	K11274	0-10	3.75	K11467	0-10	4.90					
0-15	K11282	0-15	2.94	K11275	0-15	3.75	K11468	0-15	4.90					
0-25	K11283	0-25	2.94	K11276	0-25	3.75	K11469	0-25	4.90					
0-50	K11284	0-50	2.94	K11277	0-50	3.75								
0-150	K11286	0-150	3.75	K11279	0-150	4.58	K11470	0-150	5.88					
0-300	K11409	0-300	4.73	K11406	0-300	5.39								
0-15-150				K11408	0-15-150	6.05								

D.C. VOLTMETERS

Model 321—1000 Ohms/Volt

No.	Range	List	Each
K11240	0-10	\$8.25	\$5.39
K11241	0-50	8.25	
K11242	0-100	8.25	\$5.71
K11243	0-150	8.75	
K11244	0-500	11.00	7.18
K11245	0-1000	25.25	16.49

A.C. MILLIAMMETERS

Model 331

No.	Each	Ma.	No.	Each
K11419	\$4.41	0-10	K11420	\$3.60
K11265	\$3.75	0-15	K11269	\$2.94
K11266		0-25	K11270	
K11267		0-50	K11271	
K11268	\$3.75	0-100	K11272	\$2.94
K11421		0-250	K11423	
K11422		0-500	K11424	

*Includes external multiplier (ceased).

125 Ohms per Volt

Model 321		Model 221		
No.	Each	No.	Each	
K11230	0-5	K11247		
K11231	0-10	K11248	\$2.94	
K11232	0-15	K11249		
K11233	0-25	K11250	\$2.94	
K11234	0-50	K11251	\$2.94	
K11236	0-150	K11253		
K11237	4.58	0-250	K11254	3.75
K11404	6.05	0-500	K11405	5.07

D.C. AMMETERS

Model 321		Model 221	
Stock No.	Your Cost	Range	Your Cost
K11216		0-1	K11223
K11217	\$3.75	0-5	K11224
K11218		0-10	K11225

A.C. AMMETERS

Model 331

No.	Each	Amps.	No.	Each
K11255	\$3.75	0-1	K11260	\$2.94
K11256		0-3	K11261	
K11257	\$3.75	0-5	K11262	\$2.94
K11258		0-10	K11263	
K11259	\$4.58	0-25	K11264	\$3.75
K11429		0-30		
K11431	\$5.88	0-50		

METER DIMENSIONS

Model	Flange	Body Dia.	Scale
221	2 5/8"	2 1/8"	1 3/32"
231	2 5/8"	2 1/8"	1 1/8"
227A	2 3/4"	2 1/8"	1 3/32"
237A	2 3/4"	2 1/8"	1 1/8"
321	3 1/2"	2 1/8"	2 1/8"
327A	3 3/8"	2 1/8"	2 1/8"
337A	3 3/8"	2 1/8"	2 1/8"
426	4 1/2"x4"	3 1/8"	3 1/8"
436	4 1/2"x4"	3 1/8"	2 1/8"

Truest Meter Cases

Black crackle finish steel cases 4x4x4 1/2" high. Two ceramic insulators. Wt. 2 lbs.
K10398—2" hole
K10399—2 1/2" hole
Your Cost..... **88c**
Each.....

Front Illuminator

Shielded front dial light that fits on lower part of model 321 and 331 meters. No glare. Complete with 6.3 volt bulb.
K11292—
Each..... **98c**

TEST PRODS., PLUGS, and JACKS

INSULATED BANANA JACKS AND PLUGS



Plug has set screw for solderless wire connection. Jack fits $\frac{1}{4}$ " hole and panels up to $\frac{3}{8}$ " thick. Red or black insulation on both. Specify color desired.
K12915—Plug 10 For
K12916—Jack 47c
Your Cost Each, Either Type 6c
 100 For.....\$4.55

PLAIN BANANA JACKS AND PLUGS



Nickled brass. Plug is $1\frac{1}{2}$ " long. Jack is $\frac{3}{8}$ " long and fits $\frac{1}{4}$ " hole in panels up to $\frac{3}{8}$ ".
K12919—Plug 10 For
K12923—Jack 30c
Your Cost Each, Either Type 4c
 100 For.....\$2.80

1 PIECE BANANA PLUGS



Solid brass instead of separate springs. Plain plug 1" overall with $\frac{1}{2}$ " long threaded 6-32 end. Insulated plug has insulating sleeve and set screw for solderless connection. Red or Black. Specify color desired.
K12920—Plain Plug.....4c
 10 For.....30c 100 For.....\$2.85
K12921—Insulated Plug.....7c

Midget Banana Plugs and Jacks



Insulated plug is 1" long and jack $\frac{5}{8}$ ". Plain plug is $\frac{3}{4}$ " long; jack is $\frac{1}{2}$ " and fits $\frac{1}{8}$ " hole up to $\frac{3}{8}$ ". Insulated types available in red or black. Specify color desired.
K12905—Plain Jack.....4c each
K12906—Plain Plug.....4c each
 12 For.....36c 100 For.....\$2.85
K12907—Insulated Plug.....6c each
K12908—Insulated Jack.....6c each
 Per Dozen.....57c

Insulated Prods With Banana Plug Tips



Test prods with banana plug tips to fit standard banana jack. Has set screw for solderless wire connection. Red or Black. Specify color desired.
K12910—Long Prod $3\frac{3}{8}$ " long. Your Cost Each.....14c
K12912—Short Prod $2\frac{1}{4}$ " long. Your Cost Each.....12c
 10% discount in lots of 10.

Phone Tip and Lug Adapters For Prods

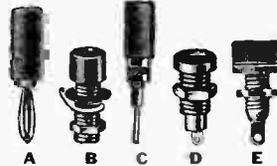


For adapting prods listed above, or any banana plug, to tip jacks or binding posts. Red or Black. Specify color desired.
K12913—Phone tip end. 6c
K12914—Spade lug end. 6c
Each, Either Type
 10 For.....54c

NEW! "Lucite" Insulated Jacks and Plugs

Insulated with Lucite, a new high dielectric strength material which has a very low loss leakage factor. Transparent and very attractive. In red, black or crystal.

(A)—Banana plug with $\frac{3}{8}$ " d. Lucite sleeve. Set screw for solderless connection. $1\frac{1}{2}$ " L.
K12750—Red **K12751**—Black
K12752—Crystal **Any Type Each 15c**
 (B)—Banana jack with $\frac{1}{2}$ " Lucite head. Fits $\frac{1}{4}$ " hole in panels up to $\frac{3}{8}$ " thick.
K12753—Red **K12754**—Black
K12755—Crystal **Any Type Each 9c**
 (C)—Phone Tip Plug. $\frac{3}{8}$ " d. Lucite sleeve $\frac{3}{8}$ " long. Overall $1\frac{1}{8}$ ". Knurled collar for solderless connection. Fits standard jacks.
K12756—Red **K12757**—Black
K12758—Crystal **Any Type Each 12c**



(D)—All-insulated Phone Tip Jack. Takes insulated and non-insulated plugs. $\frac{1}{2}$ " d. countersunk head. $\frac{3}{8}$ " overall. Fits $\frac{3}{8}$ " hole.
K12759—Red **K12760**—Black
K12761—Crystal **Any Type Each 9c**
 (E)—Phone Tip Jack. $\frac{1}{2}$ " d. Lucite head. Fits $\frac{1}{4}$ " hole.
K12762—Red **K12763**—Black
K12764—Crystal **Any Type Each 9c**

NEW Dual Circuit Plugs and Jacks



A new dual circuit tip jack and plug hardly larger than the ordinary single circuit. Overall: plug— $1\frac{1}{4}$ " x $\frac{1}{16}$ "; jack— $1\frac{1}{4}$ " x $\frac{1}{16}$ ". Available in red or black.
K12930—Red plug **Any Type, Each 24c**
K12931—Black plug
K12932—Red jack
K12933—Black jack
 10 For.....\$2.20

Alligator Clips

Powerful grip. Ends take banana plugs. 2" clip is $\frac{1}{4}$ " wide, 2 $\frac{3}{4}$ " clip is $\frac{1}{2}$ " wide. Steel non-rusting finish.
 No. Length Each 10 For
K12955 2" 4c 30c
K12956 2 $\frac{3}{4}$ " 5c 45c
Copper—with bronze spring. For RF work. Has set screw.
 No. Length Each 10 For
K12947 2" 9c 70c

Insulated Alligator Clips

Plated metal grips with insulated handles that take banana plugs. Handles in red or black; specify. Steel non-rusting finish.
 No. Length Each 10 For
K12911 2 $\frac{1}{2}$ " 7c 65c
K12909 3 $\frac{1}{2}$ " 8c 70c
K12949 2 $\frac{3}{4}$ " 15c \$1.20
 *Copper—with bronze spring.

Test Accessory Kit



Contains 2 each—short and long banana tipped prods, alligator clip, phone tip and lug adapters, insulated banana plugs, banana jacks. Colored red and black. **\$1.15**
K12972 Per Kit.....

Binding Post With Banana Jack Top

Hole in top takes banana plug. Hole in stem for wire. In red or black. Specify color when ordering.
K12945—12 For 74c **7c**
Your Cost Each.....

Amphenol Tip Jacks

Fully insulated, no washer required. Phosphor bronze contacts. All Bakelite body. Mounts easily and securely by means of special spring snapping. Requires $\frac{3}{8}$ " dia. hole. Available in Red or Black. Specify color.
K12765—Ea. **4 $\frac{1}{2}$ c**
Hi-Voltage Pin Jack
 Same as above, but $\frac{1}{2}$ " dia. **6c**
K12766—Ea. (Black or Red.)

Double Handle Type Insulated Alligator Clips

Prevents shocks in high voltage testing. Handles take banana type plugs.
K12900—Red **12c Ea.**
K12901—Black

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 5c
 10 For.....45c
K13036—Triple jack 7c 10 For 63c
Your Cost.....

All Insulated Tip Jack

Countersunk $\frac{1}{2}$ " d. head. $\frac{3}{4}$ " overall. Fits $\frac{3}{8}$ " hole. Bronze spring. Each 6c
K12934—Red
K12935—Black
 10 For.....48c

Hi-Freq. Pin Jack & Bushing

Made from low-loss polystyrene base material. Contact accommodates standard phone tip, or can be removed and body used for hi-frequency bushing. Mounts in $\frac{3}{8}$ " hole, and held by snap ring. **K12767**—Each **24c**

Solderless Phone-Tipped Test Prods



Tips fit standard phone tip jacks. Have knurled collar for solderless wire connection. Tips sharp enough to pierce corrosion and rubber insulation. Insulated handles in Red or Black—specify color desired.
K12881—Short prod $5\frac{1}{4}$ " long. Your Cost Each.....14c
K12884—Long Prod $6\frac{1}{4}$ " long. Your Cost Each.....18c

Phone Needle Prods
 Have chuck for phone needles. Red or Black—specify color.
K12868—4 $\frac{1}{2}$ " Prod. Your Cost Each.....14c
K12869—5 $\frac{1}{2}$ " Prod. Your Cost Each.....18c

Solderless Insulated Phone Tip Plugs

Solderless type: fit all standard tip jacks. Used on test leads. In red and black; specify color when ordering. Ea. **6c**
K12974— $1\frac{1}{2}$ " long.
K12974— $1\frac{1}{2}$ " long.
 Per Dozen, Either Type.....57c

Plain Solderless Phone Tip Plugs

All metal tip use for tip jack connection. $1\frac{1}{2}$ " long.
K12943—12 For 35c
Your Cost Each..... 4c
 As above but $1\frac{1}{4}$ " long.
K12944—Per Dozen 30c
Your Cost Each..... 3c

Standard Tip Plug

Nickel plated brass. **6c**
K14881—10 For.....45c
 Per 100.....

Insulated Tip Jacks

Have new type springs which provide sure grip contact. Mounts in $\frac{1}{2}$ " hole. In red or black. Specify color. **6c**
K12879—Each.....
 Per Doz.....57c

Molded Bakelite Insulated Tip Jacks

Large diameter molded Bakelite heads take all phone tips. Phosphor bronze springs. With insulating washer.
K12877—Red 7c Each
K12878—Black 7c 10 For.....85c

Compact Tip Jack

Heavy contact spring. Mount in $\frac{1}{4}$ " holes. Nickled brass finish. **K12948**—**3c**
Your Cost.....
 12 For.....29c

Plain Tip Jacks

For test equipment. Nickled. Powerful bronze spring. $\frac{3}{4}$ " mtg. hole. **K12918**—**3c**
Your Cost Each.....
 Per Dozen.....29c

Combination Jack

New type, takes both phone tips and banana plugs. Fully insulated, with insulating washer. In red or black. Specify color desired. **K12925**—Per Dz. 85c
Your Cost Each..... 8c

BEST PRODS and ALIGNING TOOLS

Test Prod Kit

Spring prongs at the end of prods allow changing from spade lugs to phone tips or to spring clips. Handles are 6" long, 1/4" diameter. Needle point phone tips for piercing insulated wire. Five foot red and black kinkless wire. Complete with two alligator clips, two needle point phone tips and two tapered lugs.

K12971—Your Cost 67¢

Similar to above, but without interchangeable feature—fixed ends.

K12882—Alligator clips. 44¢
Your Cost per Set. 35¢
K12883—Phone tips. 35¢
Your Cost per Set. 35¢

Laboratory Test Prods

Improved type. Bronze tip with needle point and heavy body. Double purpose—needle prod and phone tip prod. Heavy 6" long handles. Five foot red and black kinkless leads.

K12978—With spade tips. 42¢
K12979—Phone tips. 42¢
Your Cost, Either Type. 42¢

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 22¢
Your Cost. 22¢

Needle and Solderless Tip Prods

Chucks and nuts hold plain phonograph needles (Type A). Fibre handles 4" long, 3/8" diam., in red and black, colored kinkless wire. Type B is solderless tip with long point. Leads 50" long.

PHONE NEEDLE TIP PRODS

No.	Wire Ends	Each
K12976	Phone Tips	25¢
K12975	Spade Lugs	34¢
K12977	Alligator	34¢

SOLDERLESS TIP PLUGS

K12968	Phone Tips	25¢
K12969	Spade Lugs	34¢
K12970	Alligator	34¢

Insulated Hex Wrench

Hexed entire length; cut worn end and have a new wrench.

Stock No.	Length	Your Cost
K15148	6"	12c
K15149	8"	15c

FIBRITE Screw Driver

7" long; driver at both ends for all trimmers.

K15150	3/8" diameter	19c
K15151	1/2" diameter	25c

ICA Aligning Kit

14 tools telescope into six units: a flexible screwdriver for hard-to-reach spots, "magic" alignment tool, alligator side wrench, 6" insulated driver—metal nib, 3/8" and 1/2" nut wrench, 1/2" insulated square nut wrench, 1/4" hex metal side wrench, 2 1/4" insulated driver with metal nib, 1/4" hex slotted insulated wrench driver, 5/8" hex insulated nut wrench, 5" and 6" insulated driver.

K15088—List \$5.00
Your Cost 2.94

Similar to above, but less flexible screwdriver and "magic" aligning tool. With case.

K15089—Your Cost, Complete. 2.30



Leatherette Case



ICA Unbreakable Test Prods

Prods of solid brass, nicked, and covered with shockless live rubber—1 red, 1 black—and have sharp pointed tips. Other end of 50" kinkless rubber wires have solderless insulated phone tips.

K12999—Pair. 42¢
K13000—Same but with plain non-insulated phone tips. 36¢
Your Cost Per Pair. 36¢

4-1 Neutralizing Tool

Has pen clip for pocket. 1/4" nut wrench with key slot, and aligning screwdriver. Bakelite

K14915—Your Cost 28¢

Majestic Aligning Tool

Overall 2 1/4" long. Has screwdriver and offset socket for 1/4" hex nuts that extends tool handle 1 1/2".

K15085—Your Cost Each 23¢

Neutralizing Screw Driver

For aligning coils, condensers, etc.

K15080—Each 18¢

Aligning Wrench

For adjusting air trimmers on RCA and Philco 1936-'37 and '38 sets

3/4" Feneline, 8 1/2" long. **73¢**
K15144—Your Cost 73¢

Adjustable Balancer

All Feneline—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket.

K15192—Extends 6" to 11". 34¢
Your Cost Each 49¢
K15193—10" to 18". 49¢
Your Cost Each 49¢

Rex Socket Aligner

6" long with brass 1/4" socket head. Other end has hardened screwdriver bit. Shaft diam. 1/8".

K15104—Your Cost 28¢

CHROME "PENCILITE" With Magnifying Lens

5 1/2" long, 5/8" diameter. Momentary push switch on top, or turn of top keeps light on steadily. Complete with long life bulb and battery. Chromeplated finish.

K15026 39¢
Your Cost. 39¢
K20132—Extra batteries for above. Each (2 needed). 4c

ICA Fused Test Prods

Sharp needle pointed test prods have easily replaced fuses mounted in the handles. Protect meters against burn-outs. Insulated banana plugs at other end of leads.

Interchangeable Alligator Clips, Spade Lugs and Phone Tips furnished to fit plugs.

K12982 1.47
Complete Set. 1.47

5-IN-1 Aligner Kit

Combines in a fountain pen size tool, 3/8" and 1/2" nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver.

K15082—Your Cost 59¢

Aligning Tool Set

Two tools, one fits within other. One is 6" long, 3/8" diameter with fitted brass wrenches for 1/4" and 3/8" hex nuts. Other is 1 1/2" rod fitted with screwdriver nib and special magnetic steel.

K15083—Your Cost 59¢

Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is 1/4" diameter—fits into 1/4" hole up to 1 1/2"; other end takes 3/8" hex nut.

K15105—6" long. Each 42¢
K15106—10" long. 57c

ICA Low "C" Aligner

A low capacity screwdriver for aligning superhets. 1/4" bone fibre, with 2 driver nibs. One extends 1 1/2", for padding condensers. Other has recessed screwdriver for permeability tuned circuits.

K15145—Your Cost 29¢

Dual Alignment Tool

One side has 1 1/4" screwdriver blade, opposite side has socket screwdriver for adjusting iron core tuning circuits. Handle 2 1/2" black bone fibre. Overall 6".

K15114—Your Cost 28¢

Push-Button Tuner Aligning Tool

Special for aligning variable permeability push-button tuning units.

Bone fibre handle 3/8" dia., 1 1/2" long; shank 4 1/2" long. Socket 1/2" dia., contains recessed screwdriver knob. 29¢
K15115—Your Cost. 29¢

Handy Neon Circuit Tester

Made to fit the pocket. Used for detecting open fuses, live lines, open circuits, polarity, continuity tests, etc. Tiny neon lamp will glow on as little as 0.1 ma. Leads are color-coded, have insulated phone tips. Can be used in making stroboscopes and oscilloscopes.

K11310 59¢
Each 59¢



Brach Neon Test-O-Lite

With this new Test-O-Lite you can find blown out fuses immediately. Will check any voltage between 110 and 550 volts—either a.c. or d.c. Will also check spark-plugs, radio sets, household appliances, etc. Distinguishes a.c. from d.c. Bakelite case.

K12983—Your Cost 1.10

New Test Prods With Dual Circuit Plug & Jack

4 3/4" prods with 50" of double stranded cable fitted with the new dual-circuit phone tip plug and jack. Eliminates tangling of separate cords and simplifies connection of leads to meter.

K12981 95¢
Complete Set. 95¢

Pencil Type Test Leads

5" long handles of red and black phenolic. With rubber, kinkless wire.

Molded finger grip tips with set screws for solderless connections. Overall length 66".

K12988—Your Cost 71¢

Right Angle Tip Plugs

Streamlined plugs with set screw for solderless connections.

K12937—(A) Specify red or black. K12984—(B) Red. K12985—(B) Black. Any Type Each. 15¢

MUELLER "Snapper" Insulated Test Probe

A 6" fibre insulated tube fitted with spring contact jaws that separate by thumb pressure on knob.

Each K14916—Red Handle. K14917—Black Handle. } 38¢

POLY-IRON Resonator Alignment Wand

For determining correct alignment. A 6" flexible rubber rod; one end brass loaded—the other, cor steel. Placing either end in magnetic field of coil will indicate inductive condition.

K14978—Your Cost. 59¢

Solid Tuning Wand

Similar to above, except that the body is solid insulation.

K14976—Your Cost Each 49¢

DEALERS' and SERVICEMENS'

RCA TUBE TEXTS Complete Tube Manual



RC-13. Complete technical data of all glass and metal tubes. Curves, charts, circuits, socket diagrams. 192 pages; 5 1/2" by 8 1/2". An essential for the radioman.
K19963—Your Cost . . . 25¢

Cathode-Ray Tubes

The latest technical data on all cathode-ray tubes. 123 pages.
K19990—Your Cost . . . 25¢

RAYTHEON Tube Manual



250 pages of characteristic data on all receiving tubes. Includes fundamental tube information, charts and curve data, also special supplement section on Loktals and other latest types. A complete handy reference manual.
K19891—Your Cost . . . 25¢

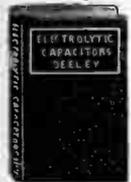
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With Radio.

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ners.

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Manufacturer's Books

Books listed are written by experts in their respective fields, and contain much valuable information.

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Contains 3 individual sections: sound amplifiers, transmitters and service problems. 167 pages, profusely illustrated. Loose-leaf binding. Size 8 1/2"x11.

K19987—Wt. 2 lbs. Each . . . 29¢

Sound Amplifier Guide

From above Manual. Contains information on construction and installation of sound equipment. 32 p.

K20005—Your Cost . . . 9¢

Serviceman's Manual

Also, from Complete Manual. Has 32 pages on set servicing.

K19968—Your Cost . . . 9¢

Radio Noise Cures

By Tobe. Describes origin of radio interference, and how to correct.

K12695—Your Cost . . . 29¢

Electric Eye Booklet

By Eby. 32 pages of data on electric eye types, theory, applications.

K20016—Your Cost . . . 35¢

Complete Dynamic Testing

By Kendall Clough, of Clough-Brengle. All about modern test instrument applications.

K19723—Your Cost . . . 25¢

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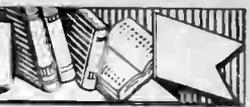
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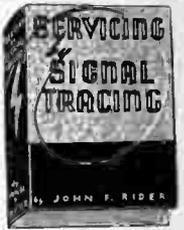
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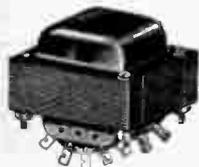
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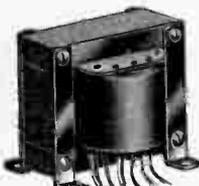
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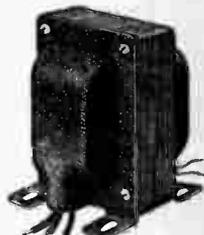
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(B) Universal



(C) Bottom Shell



(D) Compact



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Stock No.	M'tg Type	No. Tubes	Secondary Volts	M.A.	Rect. V.-A.	Fil. #1 V. A.	Fil. #2 V. A.	Mounting Area Ins.	Wt. lbs.	Your Cost	
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K1505	A	7-8	700CT-70	5-3	2.5-7	2.5-3	3¾	x3¾	8	1.50	
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K1509	A	10-13	700CT-110	5-3	2.5-15¼	2.5-3.5	4½	x3¾	9	1.85	
K1504	B	5-7	700CT-70	5-2	2.5-8.75	3¾	x3	x3¾	6	1.45
K1506	B	6-8	700CT-70	5-3	2.5-7	2.5-3.5	3¾	x2½	x3¾	8	1.85
K1508	B	8-10	700CT-90	5-3	2.5-10½	2.5-3.5	3¾	x3¾	x3¾	8	1.49
K1510	B	10-13	700CT-110	5-3	2.5-15¼	2.5-3.5	4½	x3¾	x4	9	2.25
K1450	C	5-7	725CT-65	5-3	2.5-5¼	2.5-2	2½	x3¾	x3¾	5	1.29
K1451	C	6-8	725CT-80	5-3	2.5-7	2.5-3	3¾	x3¾	x3¾	5	1.49
K1452	C	8-10	770CT-100	5-3	2.5-10½	2.5-3	3¾	x3¾	x3¾	7	1.85
K5492	C	4-7	650CT-60	5-2	6.3-3	.....	3¾	x2½	x3	4	1.10
K5493	C	6-8	650CT-70	5-3	6.3-3	.....	3¾	x2½	x3	8	1.29
K1454	D	5-6	650CT-50	5-2	2.5-7	.....	2½	x3¾	x3¾	3	1.18
K1455	D	6-7	680CT-50	5-2	2.5-9	.....	2½	x3¾	x3¾	3½	1.35
K1456	D	4-5	650CT-40	5-2	6.3-2	.....	2½	x2½	x3	3	1.05
K1457	D	5-6	650CT-50	5-2	6.3-2.5	.....	2½	x3¾	x3¾	3	1.18
K1458	D	6-7	680CT-70	5-2	6.3-2.5	.....	2½	x3¾	x3¾	3½	1.35
K1459	D	8-10	700CT-90	5-2	6.3-3	.....	3¾	x3¾	x4	4½	1.65
K1460	D	10-13	700CT-120	5-3	6.3-5	.....	3¾	x3¾	x4	5½	1.85
K1461	D	10-15	750CT-150	5-4	6.3-5	.....	3¾	x3¾	x4½	7½	2.35
K1956	E	6-7	750CT-70	5-2	2.5-5¼	2.5-3.5	3½	x3¾	7	2.28	
K1958	E	7-8	750CT-75	5-2	2.5-7	2.5-3.5	3½	x3¾	7	2.28	
K1961	E	9-10	750CT-90	5-2	2.5-10½	2.5-3.5	3½	x3¾	8	2.28	
K1963	E	11-12	750CT-110	5-2	2.5-14	2.5-3.5	3½	x3¾	8	2.28	

Lafayette Voltage Regulator

Compensates for either high or low A.C. line voltages. Ideal for radio receivers, photo enlargers, etc. Consists of a 150 volt AC meter, a transformer and 3 switches, all housed in crackle finished metal case. Permits controlling line between 95 and 135 volts, in 5 volt steps. A "high-low" switch automatically compensates for higher or lower line voltages. Capacity—2 amps., at 115 volts. Case size: 5x4x3¼".



K1448—Completely Wired and Tested, with instructions. Shpg. wt. 6 lbs. **\$9.75**

K1449—Complete Kit, ready for assembly and wiring. With instructions. **\$8.75**

Trutest Filament Transformers

New, fully shielded mounting filament transformers, designed for 110 volt, 60 cycle operation. 2000 volt insulation. Finished in attractive black ripple; all are same size: 2¾" width, 3¼" height and 2½" depth. All are center-tapped, provided with heavy insulated leads and are substantially built. 2000 volt insulation.



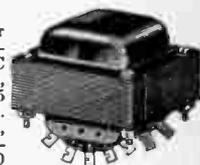
No.	Secondary	Shpg. Wt.	Your Cost
K1468	2.5 V.—10 A.	2 lbs.	79c Ea.
K1469	5.0 V.—5 A.	2 lbs.	
K1470	6.3 V.—4 A.	2 lbs.	
K1471	7.5 V.—3.3 A.	2 lbs.	
K1472*	2.5 V.—10 A.	2 lbs.	89c Ea.

*—5000 v. insulation.

Popular Type Replacement Power Transformers

For Small AC Sets

Designed especially for replacement in small 4-tube AC receivers, AC inter-office amplifiers, etc. Primary for 115 volt, 50-60 cycles AC. High voltage secondary, —480 volts, c.t., to deliver 220 volts DC at 40 ma. Rectifier secondary, —5 volts at 2 amps. Filament secondary 6.3 volts at 1.6 amps. (c.t.). M'tg. area 2½x3"; m'tg. centers 2x2½". Single half-shell mounting, with soldering lugs. Diagram showing terminal lugs included. Shpg. wt. 3 lbs.



K1473 Your Cost Each **73c**

TRUTEST FIELD EXCITER TRANSFORMERS



Open type with long color coded leads. Have primary, high voltage and rectifier filament windings. Will deliver full rated voltages and current efficiently. Primaries for use on 105-120 volts at 50-60 cycles a.c. Sturdy construction, will give

long, hard, service. Transformers average size: 3x2½x2 inches. Slotted mounting holes to fit any space easily.

K2291	Delivers 250 volts at 50 ma. with 80 rectifier.	\$1.45
K5506	Delivers 100 volts at 110 ma. with 80 rectifier.	\$1.95
K5507	Delivers 160 volts at 160 ma. with 83 rectifier.	\$2.25

Tube Tester Filament Transformer



code chart.

K1966—Shpg. wt. 3 lbs. Your Cost

For replacement in all tube checkers, including late models, or for constructors. Unshielded and with m'tg brackets. Long color coded leads. Dim.: 3½x2½x2½". Primary for 115 volts, 50-60 cycles AC. Secondary tapped as follows: 1.5; 2.0; 2.5; 3.0; 5.0; 6.3; 7.5; 12.6; 25.0; 30.0; 35.0; 50.0; 70.0; 85.0; 110.0 V. Supplied with **\$1.39**

220 Volt to 110 Volt Transformers

Fully shielded with 6 foot heavy lamp cord for 220 volt line, and flush receptacle for 110 volt side. Delivers up to 160 watts. Size: 3½x4x5½". Shpg. wt. 9 lbs.

K1968	Your Cost	\$2.80
K1969	Same as above but for units drawing up to 80 watts. Wt. 6 lbs.	\$2.05
K1422	Similar to above. 250 watts. Wt. 10 lbs.	\$3.75
K1426	Extra Heavy-Duty 500 watts. Size: 3½x5x4¾". Wt. 13 lbs.	\$4.95



Trutest Exciter Lamp Transformer

Supplies exciter lamp current for 8-volt lamps at 4 amperes, or for 10-volt lamps at 7.5 amperes. Has tapped secondary that permits instant changeover. Built with ample overload and safety margin. Overall dimensions: 3½x3¾x3". Shpg. wt. 5 lbs.

K2019 Your Cost Each **\$2.45**



Replacement Part Headquarters for Dealers and Service Men



STANCOR REPLACEMENT TRANSFORMERS



UNIVERSAL DUPLICATE POWER TRANSFORMERS

Fit Over 80% Of The AC Sets You Are Called On To Repair Today

These universal transformers permit a choice of four mounting positions—half-shell—narrow vertical—wide vertical—and the new Underwriters mounting. **ALL SECONDARY WINDINGS ARE CENTER-TAPPED.**

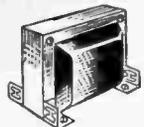
Each unit is equipped with heavy eight inch flexible leads, is electro-statically shielded, comes complete with four neat black enameled universal brackets for easy mounting, and wiring instructions. All models have primaries for 115 V. 50/60 cycles.



HALF SHELL MOUNTING



NARROW VERTICAL MOUNTING



WIDE VERTICAL MOUNTING



UNDERWRITERS MOUNTING

Stock No.	Type No.	No. of Tubes	Plate		Rec. Fil.		Fil. #1		Fil. #2		Dimensions			Lbs.	Your Cost
			Vlts.	M.A.	V.	A.	V.	A.	V.	A.	H x W x D				
K1706	P-6001	4-5	650	40	5	2	2.5	4			2 1/2 x 3	2 1/2 x 3	3.3	\$1.38	
K1712	P-6002	5-6	700	50	5	2	2.5	7 1/4			2 1/2 x 3	3 x 3 1/2	3.3	1.76	
K1713	P-6003	6-7	700	70	5	3	2.5	9			2 1/2 x 3 1/2	3 x 3 1/2	3.8	1.91	
K1714	P-6004	8-9	700	90	5	3	2.5	12.5			3 1/2 x 3 1/2	3 x 3 1/2	5.4	2.35	
K1719	P-6009	6-7	550	70	5	3	5.0	.5	2.5	10.5	2 1/2 x 3 1/2	3 x 3 1/2	4.2	2.06	
K1715	P-6005	6-7	700	70	5	3	2.5	9	2.5	3.5	2 1/2 x 3 1/2	3 x 3 1/2	5.4	2.35	
K1716	P-6006	11-13	700	120	5	3	2.5	12.5	2.5	3.5	3 1/2 x 3 1/2	3 x 3 1/2	5.9	2.94	
K1717	P-6007	10-12	800	110	5	3	2.5	15	2.5	3.5	3 1/2 x 3 1/2	3 x 3 1/2	6.3	3.24	
K1735	P-6297	4-5	480	40	5	2	6.3	2			2 1/2 x 3	2 1/2 x 3	3.2	1.32	
K1720	P-6010	4-5	650	40	5	3	6.3	2			2 1/2 x 3	2 1/2 x 3	3.3	1.47	
K1721	P-6011	6-7	700	70	5	3	6.3	2.5			2 1/2 x 3	3 x 1 1/2	3.3	1.76	
K1722	P-6012	8-9	700	90	5	3	6.3	3.5			2 1/2 x 3 1/2	3 x 3 1/2	5.2	2.21	
K1723	P-6013	11-13	700	120	5	3	6.3	4.7			3 1/2 x 3 1/2	3 x 3 1/2	5.3	2.50	
K1724	P-6014	13-15	750	150	5	3	6.3	5			3 1/2 x 3 1/2	3 x 3 1/2	5.8	3.38	
K1726	P-6165	14-16	800	200	5	4	6.3	5.5			3 1/2 x 4 1/2	3 x 3 1/2	6.5	3.82	
K1731	P-6293	6-7	600	60	5	3	6.3	2.5	2.5	7.5	2 1/2 x 3 1/2	3 x 3	4.0	2.35	
K1732	P-6294	8-9	750	85	5	3	2.5	9.0	6.3		2 1/2 x 3 1/2	3 x 3 1/2	4.0	2.65	
									5.0	3.5	2 1/2 x 3 1/2	3 x 3 1/2			
									2.5						
K1733	P-6295	8-9	700	90	5	3	6.3	2.5	2.5	9	3 1/2 x 3 1/2	3 x 3 1/2	5.7	2.70	
K1734*	P-6296*	11-13	750	125	5	3	2.5	12	6.3		3 1/2 x 3 1/2	3 x 3 1/2	5.9	2.94	
									5.0	4	3 1/2 x 3 1/2	3 x 3 1/2			
									2.5						
K1718	P-6008	14-16	750	180	5	3	6.3	3.3	2.5	6	3 1/2 x 4 1/2	3 x 3 1/2	6.5	3.53	

* K1734 P-6296 has an additional 2.5 V. at 1.75 amp. CT Filament winding.

SPECIAL 6.3 V. TRANSFORMERS WITH MOTOR TUNING WINDING

Stock No.	Type No.	Turns Ratio	Dimensions H x W x D	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost	
K1728	P-6290	11-13	700 120	5 3	6.3 4.7	±50-24-18 V.	3 1/2 x 3 1/2 x 3 1/2	5.4 3.23
K1729	P-6291	13-15	750 150	5 3	6.3 5	±50-24-18 V.	3 1/2 x 3 1/2 x 3 1/2	5.9 3.67
K1730	P-6292	.....	800 200	5 3	6.3 5.2	±50-24-18 V.	3 1/2 x 4 1/2 x 4 1/2	7.8 4.70

† Motor tuning windings for intermittent use only.

AUDIO TRANSFORMERS

Single Plate To Single Grid

Stock No.	Type No.	Turns Ratio	Dimensions H x W x D	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1650	A-63	3:1	1 1/2 x 2 1/2 x 1 1/2	A	2"	.5	50.68
K1652	A-63	3:1	1 1/2 x 2 1/2 x 1 1/2	A	2 1/2"	.75	.79
K1653	A-73	3:1	2 x 3 x 1 1/2	A	2 1/2"	1.	1.00

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 1/2 x 1 1/2	A	2"	.5	.74
K1690	A-4740	3:1	2 x 2 x 1 1/2	S	2"	.75	.85
K1654	A-73C	3:1	2 x 3 x 1 1/2	A	2 1/2"	1.0	1.06
K1691	A-4750	3:1	2 1/2 x 2 1/2 x 1 1/2	S	2 1/2"	1.0	1.06
K1686	A-4719	3:1	2 1/2 x 2 1/2 x 2 1/2	E	2 1/2"	1.5	1.65
K1680	A-4165	3:1	2 x 2 1/2 x 2 1/2	L	Univ.	1.2	1.09

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 1/2"	.8	1.03
K1681	A-4208	1.4:1	5 1/2 x 2 1/2 x 2 1/2	C	.....	2.5	2.03

Replacement Driver Transformers

Stock No.	Type No.	Impedance Pri.	Sec.	Ratio	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1684	A-4712	20M	2.2M	3:1	A	2 1/2"	.7	50.82
K1685	A-4713	22.5M	2.5M	3:1	A	2 1/2"	.7	.82
K1688	A-4723	10M	2.5M	2:1	A	2 1/2"	.7	.82
K1687	A-4722	10M	10M	1:1	E	2 1/2"	1.5	1.41
K1682	A-4401	10M	1.4M	2.7:1	J	2 1/2"	1.3	1.09
K1689	A-4734	20M	3.2M	2.5:1	A	2 1/2"	1.4	1.03
K1692	A-4752	10M	2.5M	2:1				
			4.4M	1.5:1	S	2 1/2"	1.5	1.23
			6.3M	1 1/2:1	S	2 1/2"	1.5	1.23

Universal Output Transformers

(All have secondaries adjustable from 1 to 30 ohms)

Stock No.	Type No.	Primary Ohms	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1675	A-3856	All for Single or P.P. plates	Q	2"	.6	50.71
K1671	A-3860		J	2"	.7	.88
K1673	A-3852	4000, 7000, 8000,	J	2 1/2"	1.6	1.12
K1655	A-2865	10M, 14M CT	L	Univ.	1.3	.94
K1678	A-3890		E	2 1/2"	1.3	1.47
K1670	A-3849*	1500, 2000, 4000, 5000, 7000	Q	2 1/2"	.7	.88
K1666	A-3830#	3000, 5000, 6600, 7000, 8000, 10,000 CT	Q	3 1/2"	3.	1.76

* Designed especially for battery radios.
Designed for tubes with large output.

Output Transformers

Stock No.	Type No.	Class Oper.	Tubes	Impedance in Ohms		Max. Watts	Mtg. Type	Your Cost
				Prim.	Secondary			
K1663	A-3822	A	S	7M, 10M	.7 to 4	5	Q	\$0.68
K1669	A-3848	A	S	16,000	1, 2, 4	5	Q	.68
K1676	A-3857	A	S	25,000	4	5	A	.76
K1677	A-3865	A	S	1,500	2, 4, 6	5	A	.74
K1674	A-3855	A	S	7,000	10, 2M	5	E	1.47
K1664	A-3824	B	S	8,000	1, 2, 4	8	Q	1.12
K1665	A-3825	A	S	2,500	1, 2, 4	8	Q	.94
K1679	A-3496	A	PP	14,000	3-5	5	A	.79
K1667	A-3831	B	SorPP	10M	2, 4, 8	5	A	.91
K1656	A-3303	A&B	SorPP	14M	4, 8, 15, 500	20	C	2.06
K1657	A-3304	A&B	SorPP	10M, 8M	4, 8, 15, 500	25	C	2.18
K1658	A-3307	B&AB2	PP	6,000	4, 8, 15, 500	30	C	2.35
K1672	A-3851*	AB1	PP	4,400	4, 8, 15, 250, 500	25	C	2.35
K1661	A-3800	A&AB	PP	5,000	4, 8, 15, 500	30	C	2.35
K1662	A-3801	AB1	PP	6,600	4, 8, 15, 500	35	C	2.79
K1659	A-3310	A	S	5,000	4, 8, 15, 500	20	C	2.18

* 10% Inverse Feedback Winding.

6 Volt Universal Vibrator Transformers

No.	Type	DC V.	M.A.	H x W x D	Mtg. Type	Lbs.	Each
K1736	P-6301	150	40	2 1/2 x 2 x 2"	S	1.3	\$1.53
K1704	P-0661	250	50	3 1/2 x 2 1/2 x 3"	N	2.3	1.76
K1705	P-4063	285	75	3 1/2 x 2 1/2 x 3 1/4"	N	3.0	2.35

6 V. DC or 115 V. AC Vibrator Transformer

Stock No.	Type No.	Primary	Secondary	Mtg. Type	Lbs.	Your Cost
K1727	P-6166	350	135 4 3/8 x 3 7/8 x 4"	C	9.0	3.09
			Fil. 6, 8 V. CT 2.75			

Filter Chokes Type A

Stock No.	Type No.	Hen-rys	Cur. M.A.	D.C. Ohms	Dimensions H x W x D	Wt. Lbs.	Your Cost
K1698	C-1706	5	40	300	1 1/2 x 2 3/8 x 1 1/2"	.5	\$0.53
K1699	C-1707	7	40	500	1 1/2 x 2 3/8 x 1 1/2"	.6	.53
K1700	C-1708	10	65	460	1 1/2 x 2 3/8 x 2 1/2"	1.1	.71
K1701	C-1709	9	85	250	1 1/2 x 3 1/4 x 2 1/2"	1.5	.94
K1702	C-1710	8	150	200	2 1/2 x 4 x 2 1/2"	2.3	1.18

AC-DC Chokes Type A

Stock No.	Type No.	Hen-rys	Cur. M.A.	D.C. Ohms	Dimensions H x W x D	Wt. Lbs.	Your Cost
K1703	C-1723	4.4	40	330	1 1/2 x 2 3/8 x 1 1/2"	.5	.47
K1694	C-1080	15	40	200	1 1/2 x 2 1/2 x 1 1/2"	.6	.53
K1697	C-1325	15	40	250	1 1/2 x 2 1/2 x 1 1/2"	.6	.53
K1695	C-1227	15	40	350	1 1/2 x 2 1/2 x 1 1/2"	.6	.53
K1696	C-1279	15	40	400	1 1/2 x 2 1/2 x 1 1/2"	.6	.53



STANCOR Service Guide
This valuable guide lists power and audio replacements for all popular radios. It contains tube set-up and other valuable information about each set. FREE with your order for STANCOR transformers.



THORDARSON Replacement AUDIO TRANSFORMERS

Plate-To-Grid Transformers

High quality units, all designed to match a 10,000 ohm plate (66, 76, 37, 27, 55, 85, 77, etc.) to a single class A grid delivering not more than 15 wats. Average Shpg. Wt. 3 lbs.

Stock No.	Thord. No.	Turn Ratio	Dimensions H. W. D.	Mtg. Type	Your Cost
K599	T-13A34	3:1	2 x 1 1/2 x 1 3/8	3B	\$0.79
K265	T-29A99	3.26:1	2 x 2 x 2 3/8	2B	1.03
K266	T-57A86	3.26:1	2 x 2 x 2 3/8	2F	1.18
K213	T-47A25	3:1	2 x 1 1/2 x 2 3/8	2C	1.03
K268	T-57A38	3:1	2 1/2 x 2 1/2 x 3	2F	1.62
K211	T-75A74*	2:1	2 x 2 x 2 3/8	2F	1.47

* Has static shield between primary and secondary.

Push-Pull Input Transformers

Single plate (10,000 ohms) to push-pull grids. Stock No. K301 may also be used as a tapped PP grid impedance with ratios of 1:1, 1:2, or 1:4 by connecting according to instructions furnished. Shpg. wt. 3 lbs.

Stock No.	Thord. No.	Turn Ratio	Dimensions H. W. D.	Type	Your Cost
K532	T-14A92	3:1	1 3/4 x 1 3/8 x 1 1/2	3B	\$0.73
K600	T-13A35	3:1	1 9/8 x 2 x 1 3/8	3B	.88
K281	T-39A91	3.26:1	2 x 2 x 2 3/8	2B	1.18
K237	T-86A03	3.26:1	2 3/8 x 2 x 2	3B	1.18
K216	T-14A29	3.26:1	2 3/8 x 1 7/8 x 2 1/2	2C	1.32
K282	T-57A39	3.26:1	2 x 2 1/2 x 2 3/8	2F	1.32
K283	T-57A40	3:1	2 1/2 x 2 x 3	2B	1.62
K284	T-57A41	3:1	2 1/2 x 2 1/2 x 3	2F	1.76
K301	T-74A81	1:1	2 1/2 x 2 1/2 x 3	2F	1.90
K601*	T-13A36	1:1	2 x 2 1/2 x 1 3/8	3B	1.03
K272*	T-58A70	1.5:1	2 1/2 x 2 1/2 x 3	2F	1.90

*—Indicates P.P. Plates (10,000 ohms ea.) to P.P. Grids.

Filtering Chokes

For receivers, amplifiers and transmitter application. All inductance ratings shown are with full rated current flowing through the winding. This listing contains a large variety of types and mountings. Average shpg. wt. 3 lbs.

Stock No.	Thord. No.	Mount. Type	Induct. H's	Rated Ma.	Res. Ohms	Your Cost
K604	T-13C26	3B	8	40	530	\$0.53
K605	T-13C27	3B	10	40	475	.65
K606	T-13C28	3B	10	65	460	.70
K241	T-43C92	2C	10	75	266	.97
K252	T-47C07	3B	12	75	290	.97
K254	T-44C02	3B	12	80	405	.88
K287	T-57C51	2B	6	80	138	.88
K607	T-13C29	3B	9	85	250	.94
K334	T-68C07	2B	15	85	375	1.18
K289	T-57C53	2B	10	110	200	1.18
K290	T-57C54	2F	10	110	200	1.32
K335	T-76C49	3B	7.2	120	290	.88
K269	T-17C00-B	2F	12	150	231	1.62
K608	T-13C30	2B	8	150	200	1.18
K336	T-74C29	2G	15	150	200	2.20
K310	T-67C49	2F	5	200	80	1.62
K366	T-75C51	2G	13	250	121	2.94

AC-DC Filter Chokes

Small but highly efficient filtering chokes for AC-DC receivers, intercommunicators, etc. All are 2" wide, 1 1/2" deep and 1 1/2" high. Shpg. wt. 1 lb.

Stock No.	Thord. No.	Mount. Type	Induct. H's	Rated Ma.	Res. Ohms	Your Cost
K487	T-14C61	3B	7	55	200	\$0.62
K488	T-14C62	3B	8	55	250	.62
K489	T-14C63	3B	8	55	300	.62
K490	T-14C64	3B	10	55	350	.62

Low Imp. Source To Single or P.P. Grid

Stock No.	Thord. No.	Application	Impedance Pri.	Ohms Sec.	Mtg. Fig.	Your Cost
K375	T-65A73	DB mike to grid	200 et.	100,000	2F	\$1.62
K402	T-83A78	Butt. mike to grid	100	400,000	2F	1.18
K405	T-86A02	Butt. mike to grid	100	400,000	2B	1.03
K378	T-63A72	1, 2, 3 or 4 circuit mixer to grid	50, 100, 150, 200	100,000,	2F	2.20
K428	T-83D21	Line to P.P. grids 616's or 50's (AB)	500	5100, 12,500	2F	2.06

Transceiver Audios

Smallest practical units of their type. Light in weight. Easily mounted. Highly efficient.

Stock No.	Thord. No.	Mtg. Fig.	Description	Size Ins.	Your Cost
K363	T-72S58	2B	Pent. plate to low or high impedance phones or osc.	1 1/2" W. 1 1/2" D. 2 1/2" H.	97¢
K377	T-72A59	2B	Plate and single button mike to grid	1 1/2" W. 1 1/2" D. 2 1/2" H.	



2C



2D



2B, 2E



2F



2G



3B, 3E

We are listing on this page only the most popular numbers in the complete Thordarson line. We can, however, supply any unit made by this famous manufacturer at the lowest Dealer Prices.

Output Transformers

Stock No.	Thord. No.	Class Oper. §	Ohms Impedance Pri.	Sec.	Max. Watts	Mtg. Fig.	Your Cost
K455	T-14S81	S or P.P.	7000 Ct.	-3 to 6	5	3B	\$0.73
K456	T-14S82	S; A	1500-3 to 6		5	3B	.73
K536	T-14S83	S or P.P.	25,000-3 to 6		5	3B	.73
K537	T-14S84	S; A	8000-3 to 6		5	3B	.73
K602	T-13S37	S; A	7000-1-2-4		5	3E	.73
K376	T-13S39	S; A	4000-1-2-4		5	3E	.73
K275	T-13S99	P.P.; A&B	8000-6 to 12		10	2B	.88
K386	T-13S40	P.P.; A	14,000-1-2-4		10	3E	.88
K387	T-18901	P.P.; A&B	10,000-2-4-8		8	2B	.88
K388	T-17S10	S; A	2500-2-4-8-500		8	2F	1.77
K390	T-17S11	P.P.; AB1	8000*—4-8-15-250-500		15	2F	2.65
K391	T-17S12	P.P.; AB1	4300*—4-8-15-250-500		25	2F	2.65
K392	T-17S13	P.P.; AB1	6600—4-8-15-250-500		34	2G	3.53
K393	T-17S14	P.P.; AB2	5500—4-8-15-250-500		40	2G	3.53
K471	T-17S15	P.P.P.; AB1	3300—4-8-15-250-500		60	2G	3.82
K472	T-17S16	P.P.P.; AB2	1900—8-10-125-166-250-500		120	2G	7.05
K327	T-67S51	P.P.; A&B	14,000—4-8-15-500		20	2F	2.06
K329	T-67S48	P.P.; A&B	8000—4-8-15-500		25	2F	2.06
K270	T-67S72	P.P.; A&B	3000—4-8-15-500		30	2F	2.20
K326	T-67S54	P.P.; A&B	5000—4-8-15-500		30	2F	2.35
K331	T-67S92	P.P. Par. A and AB	1500—4-8-15-500		40	2F	2.35
K328	T-65S94	P.P.; A, AB&B	8000—4-8-15-500		40	2F	2.35
K330	T-75S75	P.P.; A, AB&B	10,000—4-8-15-500		40	2F	2.35
K507	T-84S58	P.P.; AB2	3800—4-8-15-500		60	2G	3.53
K364	T-89S75	P.P.; AB1	6600—4-8-15-500		40	2F	2.35

§—10% feedback winding. *—Single, Push-Pull or P.P. Parallel perited as well as Class of Operation.

Universal Output Transformers

Stock No.	Thord. No.	Class	Ohms Impedance	Adjust.	Max. Watts	Mtg. Fig.	Your Cost
K603	T-13S38	Sin. or P.P.	4000/7000	.1 to .2	8	3E	\$0.88
K278	T-57S01	Cl. A	8000/10,000	.1 to .2	8	2E	1.18
K474	T-57S02	Cl. A	8000/10,000	.1 to .2	8	2B	1.18
K275	T-17S57		14,000 Ct.		8	2C	1.32
K354	T-13S42	S; A	1500/2000 4000/5000	.1 to .2	10	3E	.88
K355	T-13S41	P.P.; A	3000/5000 6600/7000 8000/10,000	.1 to .2	20	2E	1.62

Universal Tube To Line

Stock No.	Thord. No.	Class	Ohms Impedance	Max. Watts	Mtg. Fig.	Your Cost	
K297	T-61S25	Univ. Single	2500/4000 5000/6000/7000	500	10	2E	\$1.91
K298	T-61S26	Univ. P.P.	8000/10,000 12,000/14,000	500	10	2E	2.06

Universal Line To Speaker

Stock No.	Thord. No.	Class	Ohms Impedance	Max. Watts	Mtg. Fig.	Your Cost	
K299	T-53S81	Line to V.C.	500/250	4-8-15	35	2D	\$2.35
K506	T-60S48	1 to 6 V.C. to 500 ohm L.	500/1000 1500/2000 2500/3000	Pri. as 500 ohm .06 to 8; pri. 1000 ohm .12 to 16	10	2E	\$1.76
K453	T-14S80	L. to V.C.	500—2-4-6-8		12	2E	1.18
K473	T-17S17	L. to V.C.	500—4-8-16-25-50		75	2E	3.82
K454	T-76S74	L. to Multiple spkrs. (auto transf.)	500—250/166/125	100/84	30	2E	1.76

Audio Reactors

Stock No.	Thord. No.	Induct. H's	Max. D.C. Ma.	D.C. Ohms	Mtg. Type	Shpg. wt. lbs.	Your Cost
K317	T-67C46*	610	10	6470	2B	1 1/2	\$1.03
K5497	T-29C27*	1080	8	6150	2B	1	.88
K333	T-18C92*	22	35	405	2B	1 1/2	.88
K318	T-81C15†	75	100	30	2B	1	1.47
K320	T-93C20†	250	8	6400	2B	1 1/2	1.76
K332	T-74C30	42	15	2100	2B	1	.88

*—Indicates Plate Impedance. †—Indicates Tuned Audio Circuit, to accentuate a pre-determined band of frequencies.

Driver Transformers

Stock No.	Type No.	Mtg. Fig.	Input Tubes	Output Tubes	Class	Your Cost
K308	T67D78	2F	1-46, 59, 6F6, 42, 2A5	2-46, 59 2-6L6	B AB2	\$1.76
K338	T74D32	2F	2-6C5, 76, 56	2-6F6, 42, 2A5 4-2A3, 6B4G	AB AB	2.06
K316	T78D46	2F	1-30	1-1J6G, 19, 2-30	B	.88
K322	T54D63	2B	1-30, 1-49, 1-6C5	1-1J6G, 1-19 2-49, 2-6V6	B AB2	1.32
K325	T67D47	2F	1-6N7, 6A6, 53	1-6N7, 6A6, 53	B	1.47
K340	T81D42	2F	1-6F6, 42, 2A5	2-6F6, 42, 2A5	AB	1.91
K508	T84D59	2F	2-6C5, 6N7	2-6L6, 6V6	AB2	2.06
K457	T17D01	3B	2-6A6, 53	2-6N7, 6A6, 53	B	2.06
K458	T14D93	3B	1-6F6, 1-42, 1-2A5 Triodes	2-6F6, 6L6; etc.	AB	1.18
			1-76 Triode	1-6A6, 6N7	B	1.03



Maximum Fidelity AUDIO TRANSFORMERS



"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**— $2\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ " $\frac{1}{16}$ " $\frac{1}{16}$ "; **B**— $3\frac{1}{2} \times 4\frac{1}{2} \times 4\frac{1}{2}$ " $\frac{1}{16}$ " $\frac{1}{16}$ "; **C**— $5 \times 5\frac{1}{2} \times 5\frac{1}{2}$ " $\frac{1}{16}$ " $\frac{1}{16}$ "; **D**— $6\frac{1}{2} \times 6\frac{1}{2} \times 6\frac{1}{2}$ " $\frac{1}{16}$ " $\frac{1}{16}$ ".

Line Matching Units

For matching multiple line: **50, 125, 200, 250, 500 ohms.** Type A case. Dual alloy shielding, hum reduction -74 db. Shpg. wt. 3 lbs.

No.	Type	Match To	Each
K5401	LS-10	Single grid—60,000 ohms, 2 sections	\$ 8.82
K5739*	LS-10X	Single grid—60,000 ohms, 2 sections	11.76
K5402	LS-12	P.P. grids—120,000 ohms, 2 sections	11.76
K5427	LS-50	Single plate 8000/15000 ohms	8.82
K5428	LS-51	P.P. plates 8000/15000 ohms each	8.82
K5408	LS-37	Crystal mike or pick-up	8.82
K5405	LS-30	Mixer 50, 200, 250, 500 ohms	8.82

*—Quadruple alloy shielding, hum reduction -92 db.

Interstage Transformers

No.	Type	Application	Case	Lbs.	Each
K5422	LS-20	1 plate to 1 grid. 2:1	A	4	\$5.88
K5423	LS-21	1 plate to 2 grids. 2½:1	A	4	7.64
K5424	LS-22	2 plates to 2 grids. 1.6:1	B	8	12.94

Output Transformers

To voice coil secondary: 30, 20, 15, 10, 7.5, 5, 2.5, 1.2 ohms. All units Type B case except **K5398** (C case). Shpg. wt. 8 lbs.

No.	Type	Pri. Imped.	Typical Tubes	Each
K5411	LS-54	8000	4A's, 50's, 6F6 triodes	\$8.23
K5412†	LS-55	8000	2A3's, 6A5G's, 300A's	11.76
K5414	LS-57	3000/5000	2A3's, 6A5G's, 300A's	8.23
K5420	LS-63	6000/10000	6B5, 6A6, 6F6, 89, 36	8.23
K5398*	LS-6L3	6600	6L6's self bias	11.76

*—Shpg. wt. 16 lbs.

†—Also matches 50, 125, 200, 250, 333, 500 ohm lines.

Varimatch Modulation Transformers

Match Any Modulator Tube To Any R.F. Load

Here's the answer to your modulation problem—a new line of transformers providing a universal range of load impedances for any modulator combination. The VARIMATCH transformer can never become obsolete. All units carry Class C current and have charts giving impedance combinations.

Stock No.	Type No.	Max. Audio Watts	Max. Input Class C	Typical Mod. Tubes	Case	Wt. Lbs.	Your Cost
K5400	VM0	12	25	30, 49, 79, 6A6	E	4	\$2.94
K5360	VM1	30	60	6V6, 6B5, 2A3	F	6	4.70
K5361	VM2	60	125	801, 6L6, 809	G	10	7.35
K5362	VM3	125	250	800, 807, 845	H	15	11.75
K5363	VM4	300	600	50-T, 203A	7¾x9x5½"	28	19.10
K5364	VM5	600	1200	805, HF-300	11x11x9"	85	41.16

Varimatch Driver Transformers

Stock No.	Type No.	Primary	Typical Out. Tubes	Case	Lbs.	Your Cost
K5351	PA-51AX	Single 6C5, 30, etc.	19, 30, 49, 79	E	3	\$3.24
K5353	PA-53AX	P.P. 45, 59, 2A3, etc.	46, 841, 210	F	5	4.40
K5359	PA-59AX	50, 200, 500 ohm line	805, 838, 203A	F	5	4.40
K5355	PA-238AX	4-2A3, 4-45, etc.	4-203A, 4-838	G	10	10.29
K5356	PA-512	50, 200, 500 ohm line	2-HF200, 2-849	G	10	11.76

"OUNCER" Audios



Tiny featherweight units having flat response from 40 to 15,000 c.p.s. (except 0-14 and 0-15 which have range from 150 to 4000 c.p.s.) Weigh only 1 OUNCE and measure ¾" diam., by 1½" high. Ideal for hearing aids, aircraft installations, etc. **Max. level 0 db.**

Stock No.	Type	Primary Impedance	Secondary Impedance	Your Cost
K5791	0-1	50, 200, 500	50,000	\$5.88
			50,000	\$5.88
K5792	0-2	50, 200, 500	50,000	5.88
			50,000	5.88
K5793	0-4	8000 to 15000	60,000	4.70
			60,000	4.70
K5794	0-6	8000 to 15000	96,000	5.29
			96,000	5.29
K5795	0-8	8000 to 15000	50, 200, 500	5.88
			50, 200, 500	5.88
K5796	0-11	50,000	50, 200, 500	5.88
			50, 200, 500	5.88
K5797	0-14	200	½ Megohm	5.88
			½ Megohm	5.88
K5798	0-15	8000 to 15000	1 Megohm	5.88
			1 Megohm	5.88



Ultra-Compact Audios

Compact high fidelity units having frequency range from 30 to 20,000 c.p.s. Only 1½x1½x1½". Threaded inserts for mounting. Net wt. 6 oz. Shpg. wt. 1 lb. each.

Line Matching Transformers

Match 50, 125, 200, 250, 500 ohm lines

K5394	A-10	Line to 1 Grid, 50,000 ohms	
K5738	A-12	Line to p.p. grids, 80,000 ohms	
K5436	A-20	Line to mixer, 50, 200, 250, 500 ohms	
K5397	A-24	1 triode plate 8000/15000 ohms to line	
K5437	A-26	P.P. triode plates to line	
K5438	A-27	Crystal mike or pick-up to line	

Multiple Alloy Shield Type

Range from 50 to 10,000 c.p.s. and have multiple alloy shield for extremely low hum pick-up.

K5726	A-11	50, 200, 500 ohms to 1 or 2 grids	
K5727	A-21	50, 200, 500 ohms to 50, 200, 500 ohms	

Your Cost Each, \$5.88

Any Type Listed Above, \$5.88

Interstage Transformers

K5395	A-16	1 Plate to 1 Grid, 2:1	\$4.70
K5396	A-18	1 Plate to 2 Grids, 1.15:1	5.29

Public Address Audios

A quality line of popular priced transformers incorporating the most advanced design features. Uniform drawn cases are finished in telephone black enamel with threaded inserts for top or bottom mounting. All have lug terminals. Low level units have hum bucking construction. Completely poured with special sealing compound. Overall dimensions: (length, width, height).



- Type E Case: 2½x3x3"
- Type F Case: 3½x4½x3½"
- Type G Case: 3¾x4¾x4½"
- Type H Case: 6x4½x4¾"

Line Matching Units

All in Type E case. Shpg. wt. 3 lbs. each.

No.	Type	Application	Each
K5379	PA-134	50, 200, 500 ohm line or mike to 1 grid	\$3.82
K5380	PA-135	50, 200, 500 ohm line or mike to 2 grids	4.40
K5381	PA-131	Single plate to single grid, 3:1	2.64
K5382	PA-132	1 plate to p.p. grids. Split sec. 2:1	2.94
K5383	PA-133	P.P. plates to p.p. grids. Split sec. 1.75:1	3.53
K5384	PA-233	P.P. 6C5's, etc. to p.p. 2A3's, 6L6's	3.53
K5724	PA-333	P.P. 6C5's, etc. to fixed bias 6L6's	3.53
K5385	PA-137	Mixing 50, 200, 500, to 50, 200, 500 ohms	3.23

Varitone Units

Equalizer matching transformers. 50,000 ohm external potentiometer required. All Type E case. Shpg. wt. 3 lbs.

K5531	VT-1	From single plate or low impedance mike or line to 1 or 2 grids. Your Cost	\$5.00
K5532	VT-2	For insertion in shunt with line or mike of 5,000 to 20,000 ohm plate. Your Cost	\$3.53

Output Transformers

Secondary impedances: 500, 200, 50, 16, 8, 5, 3, 1.5 ohms.

Stock	Type	Imped. P.P.	Typical Tubes	Case	Lbs.	Each
K5386	PA-15	8000	4E's, 50's, 6F6 tr.	F	5	\$4.12
K5387	PA-16	3000/5000	2A3's, 6A5G's	F	5	4.12
K5388	PA-19	6000/10000	6B5, 6A6, 6F6, 89, 46	F	5	4.12
K5389	PA-710	14000/20000	10's, 47's	F	5	4.12
K5392	PA-2L6	6000	6L6's self bias	G	10	5.88
K5393	PA-4L6	3300/3800	4-6L6's AB	G	15	8.82

P.A. VARIMATCH Outputs

Designed to match any tubes within the rated power to line or voice coils. Output impedances: 500, 200, 50, 15, 8, 5, 3, 1.5 ohms.

Stock	Type	Watts	Typical Tubes	Case	Lbs.	Each
K5777	PVM-1	12	42, 43, 45, 47, 2A3, 6F6	E	3	\$2.94
K5778	PVM-2	30	42, 45, 6L6, 6V6, 6B5	F	4	4.70
K5779	PVM-3	60	46's, 6L6's, 801, 807	G	10	7.35
K5780	PVM-4	125	800's, 801's, 845's	H	15	11.76

Filter Chokes

Stock	Type	Henrys	Ma.	Ohms	Case	Lbs.	Each
K5580	PA-40	10	200	110	F	4	\$2.65
K5581	PA-41	5-25	200	100	F	4	2.65
K5582	PA-44	30	100	375	F	4	2.65
K5583	PA-45	250	15	4500	H	3	2.65
K5340	PA-100	10-12	150	115	F	5	2.94
K5725	PA-48C	100	50	2500	F	3	2.65

Line Varimatch Transformers

Match any voice coil or group of voice coils to a 500 ohm line. Impedance range from .2 to 75 ohms in 50 combinations. Will match 1 to 10 500 ohm lines to 500 ohm output of amplifier.

No.	Type	Application	Case	Lbs.	Each
K5782	LVM-1	15-Watt Line Varimatch	E	2	\$2.65
K5783	LVM-2	40-Watt Line Varimatch	F	5	4.12
K5784	LVM-3	75-Watt Line Varimatch	G	10	5.88

Hiper Alloy Units



Compact units with high permeability alloy nickel iron cores. Uniform range from 30 to 20,000 c.p.s. Hum balanced coils, electrostatic shields. Threaded inserts for mounting. All 1½x2½x3". Shpg. wt. 2 lbs. each.

HA100	Low impedance mike, pick-up or line to grid. Primary 50, 125, 200, 250, 333, 500 ohms. Sec. 60,000 ohms in 2 sections.	\$7.35
HA-105	Same as above, with triple alloy shield for low hum pick-up.	\$10.29
HA-108	Mixing, low impedance mike, pick-up or multiple line. Primary 50, 125, 200, 250, 333, 500 ohms; Sec. 50, 125, 200, 250, 333, 500 ohms.	\$7.35
HA-105	Plate to grid. Prim. 8000 to 15000 ohms; Sec. 60,000 ohms, 2:1 ratio.	\$5.29
HA-113	Single plate to multiple line. Primary 8000 to 15000 ohms; Sec. 50, 125, 200, 250, 333, 500 ohms.	\$7.35

UTC *★ SPECIAL SERIES ★* Replacement Transformers UTC

VARITAP All-Purpose Power X'formers



Replacement power transformers featuring flexibility of application. Each unit can be used to replace several different types of transformers now in use, so that a minimum stock is required to cover all demands. Type A units feature universal mounting. Leads are brought out through a single insulated opening, and units can be mounted upright, flush or on one side, as desired; universal flanges supplied. Type B units are standard vertical shielded transformers with long insulated leads. Type C units are for flush mounting and have lug terminals with windings marked. All coils are vacuum impregnated. Black eggshell enamel finish.

Fil. #1 and Fil. #2 provides either ONE of the voltages shown Universal Mounting Transformers (type A)

Stock No.	Type	High Volt. Volts Ma.	Rect. Fil. Volts Amp.	Fil. No. 1 Volts Amp.	Fil. No. 2 Volts Amp.	Your Cost
K5901	R-1	650 @ 70	5 @ 2	6.3 @ 2 2.5 @ 4		\$1.47
K5902	R-2	700 @ 70	5 @ 3	6.3 @ 2.5 2.5 @ 8		\$1.76
K5903	R-3	700 @ 95	5 @ 3	6.3 @ 4.5 2.5 @ 4.5	2.5 @ 9	\$2.35
K5904	R-4	750 @ 120	5 @ 4	6.3 @ 5 2.5 @ 4	2.5 @ 15	\$2.94
K5905	R-5	770 @ 180	5 @ 4	6.3 @ 4 2.5 @ 6	6.3 @ 5	\$3.53

Vertical Shielded Transformers (type B)

K5954	R-54	600 @ 50	5 @ 2	6.3 @ 2 2.5 @ 5		\$1.62
K5911	R-11	700 @ 75	5 @ 3	6.3 @ 3 2.5 @ 3	2.5 @ 8	\$2.50
K5912	R-12	750 @ 100	5 @ 3	6.3 @ 4 2.5 @ 4	6.3 @ 2 2.5 @ 8	\$3.09
K5913	R-13	850 @ 200	5 @ 3	6.3 @ 5 2.5 @ 5	6.3 @ 3 2.5 @ 12	\$4.41

Flush Mounting Transformers (type C)

K5906	R-6	600 @ 50	5 @ 2	6.3 @ 2 2.5 @ 5		\$1.47
K5907	R-7	700 @ 75	5 @ 3	6.3 @ 3 2.5 @ 3	2.5 @ 8	\$1.91
K5908	R-8	750 @ 100	5 @ 3	6.3 @ 4 2.5 @ 4	2.5 @ 10	\$2.50
K5909	R-9	800 @ 125	5 @ 3	6.3 @ 4 2.5 @ 4	6.3 @ 2 2.5 @ 10	\$3.23
K5910	R-10	850 @ 200	5 @ 3	6.3 @ 5 2.5 @ 5	6.3 @ 3 2.5 @ 12	\$3.82

NOTE: All high voltage and filament windings are center-tapped. Primaries for 115 v., 50/60 cycles A.C. Dimensions and Shipping Weights of All Units

No.	Type	W.xD.xH.	Lbs.	No.	Type	W.xD.xH.	Lbs.
K5901	R-1	3 x 2 1/2 x 2 3/4	4	K5907	R-7	3 x 2 x 3 1/4	5
K5902	R-2	3 x 2 x 3	5	K5908	R-8	3 3/4 x 3 x 3 3/4	7
K5903	R-3	3 3/4 x 3 x 3	6	K5909	R-9	4 1/2 x 3 1/4 x 4	8
K5904	R-4	4 1/2 x 3 3/4 x 3 3/4	7	K5910	R-10	4 1/2 x 3 3/4 x 4 3/4	10
K5905	R-5	4 1/2 x 3 3/4 x 4 1/2	8	K5911	R-11	3 x 3 1/4 x 3 1/2	6
K5906	R-6	3 x 2 1/2 x 2 1/2	4	K5912	R-12	3 1/4 x 3 x 4	8
				K5913	R-13	3 x 4 1/2 x 4	10

Standard VARITRAN Voltage Controls

The VARITRAN is an ideal voltage control unit of the type employing a sliding contact riding over the transformer turns. They provide continuously variable output voltages FROM 0 TO 130 VOLTS without interruption of the circuit. Used extensively to control lights, line voltage, rectifiers, motors, transmitters, etc. Type V-1 (illustrated) is completely shielded and includes cord, plug, and switch. Other units are completely shielded and have screw terminals on an insulated strip. All units shown below for 115 volt input.



No.	Type	Watts Rating (w.)	Max. Amps.	Size	Wt.	Price
K5733	V-0	230	2	4 x 6 x 4 3/4"	10 lbs.	\$7.35
K5771	V-1	570	5	5 x 8 x 4 1/2"	14 lbs.	9.80
K5772	V-2	570	5	5 x 7 x 4 1/2"	13 lbs.	8.82
K5773	V-3	850	7.5	5 x 7 x 5 1/2"	19 lbs.	13.72
K5774	V-4	1250	11	6 3/8 x 9 3/4 x 6 3/8"	37 lbs.	19.60
K5790	V-5	1950	17	6 3/8 x 9 3/4 x 7"	50 lbs.	31.36
K5734	V-6	3500	30	6 3/8 x 10 x 13"	95 lbs.	58.80

All except V-1 available for 230 volts—write for prices.

NEW! Tropic Sealed Channel Frame Audios

An excellently designed series of channel frame TROPICAL WETPROOF audios. In addition to good frequency response, coils are vacuum-pressure treated followed by the UTC MOULD SEAL process of WET PROOFING to prevent moisture absorption. All have black enamel finish, and have long insulated leads. Average shpg. wt., each 2 lbs.



Audio Transformers

No.	Type	Description of Unit	Size	Each
K5933	R-33	1 Plate* to 1 Grid. Ratio 4:1	B	\$0.71
K5934	R-34	1 Plate* to 2 Grids. Ratio 2:1	B	.73
K5935	R-35	Mike to 1 Grid. Ratio 17:1	B	.88
K5956	R-56	1 Plate to 2 Grids. Ratio 2:1	D	.88
K5957	R-57	1 Plate to 2 Grids. High Fidelity. Ratio 2 1/2:1	F	1.47
K5936	R-36	Driver (30, 49, etc.) to Class B 19, 79, 89 Grids	B	.88
K5937	R-37	R.F. Output. Class B 19, 49, 79, 89 plates to 3500, and 5000 ohms.	B	.94
K5958	R-58	5-Watt Universal Output. Any single tube to 5 watts to any voice coil from .1 to 30 ohms	A	.65
K5941	R-38A	6-Watt Univ. Out. Any tubes to .1 to 30 ohms	A	.73
K5959	R-59	10-Watt Univ. Out. Any tubes to .1 to 30 ohms	B	.82
K5960	R-60	15-Watt Univ. Out. Any tubes to .1 to 30 ohms	D	.88
K5939	R-39	10-Watt Line Matching: 250, 500, 1500 ohms to 2, 8, 15 ohm voice coil.	B	.94
K5940	R-40	25-Watt Line Matching: 250, 500, 1500 ohms to 2, 8, 15 ohm voice coil.	C	1.47

Filament Transformers (115 V. Pri.)

No.	Type	Secondary	Size	Each
K5717	FT-1	2.5 Volts e.t. @ 3 Amps	B	\$0.79
K5718	FT-2	6.3 Volts e.t. @ 1.2 Amps	B	.79
K5719	FT-3	2.5 Volts e.t. @ 6 Amps	D	.88
K5729	FT-4	6.3 Volts e.t. @ 2.5 Amps	D	1.03
K5721	FT-5	2.5 Volts e.t. @ 10 Amps	E	1.03
K5722	FT-6	5 Volts e.t. @ 3 Amps	E	1.03
K5723	FT-7	7.5 Volts e.t. @ 3 Amps	E	1.03

Filter and Audio Chokes

No.	Type	Henrys	Ma.	Ohms D.C.	Size	Each
K5955	R-55	10	35	300	A	\$0.44
K5914	R-14	12	40	250	B	.53
K5915	R-15	15	30	450	B	.53
K5916	R-16	20	30	600	B	.65
K5917	R-17	25	30	1000	D	.71
K5918	R-18	10	75	250	D	.71
K5919	R-19	15	100	450	E	1.03
K5920	R-20	8	160	100	F	1.18
K5921	R-21	5/25	160	100	F	1.18
K5922	R-22	500	5	6000	D	1.03

Mounting Dimensions of Above Units

Type A: 2 1/2" w., 1 1/2" d., 1 1/4" h. Type D: 3 3/4" w., 1 1/2" d., 2" h.
Type B: 2 1/2" w., 1 1/2" d., 1 1/4" h. Type E: 3 3/4" w., 1 1/2" d., 2 1/4" h.
Type C: 4 1/2" w., 2 1/4" d., 2 3/4" h. Type F: 4 1/4" w., 2" d., 2 3/4" h.



VARITAP Universal Mounting Audio Transformers

VARITAP audios represent the acme in replacement transformer development. The double shells and universal mounting brackets are finished in high lustrous black. All mounting positions incorporate long slots for maximum flexibility. All coils are well shielded, and have tropical wetproof impregnation. Dimensions: Type A—2x2 1/2 x 1 3/8".

Type B—3x2 1/2 x 2 3/4". Shpg. wt. each, 3 lbs.

No.	Type	Description	Size	Each
K5923	R-23	1 Plate to 1 Grid. Ratio 3 1/2:1	A	\$1.03
K5924	R-24	1 Plate to 2 Grids. Ratio 2:1	A	1.09
K5925	R-25	2 Plates to 2 Grids. 1.5:1 step-up for Class A triodes, 1.5:1 step-down for 6L6's, 2A3's, 2A5's, etc.	A	1.18
K5926	R-26	Driver, 1 Plate to 2 Grids. Single 42, 2A5, 6F6, 45 to AB 6L6's, 42A, 2A5's, etc.	A	1.18
K5927	R-27	15-Watt Output. All tubes to 1-30 ohm voice coils.	A	1.03
K5928	R-28	35-Watt Output. All tubes to 1-30 ohm voice coils.	B	1.47
K5929	R-29	Single or double button mike or line to 1 grid.	A	1.09
K5931	R-31	Filter Choke. 10 Henrys, 80 ma., 150 ohms	A	.88
K5932	R-32	Filter Choke. 10 Hy., 150 ma., 100 ohms.	B	1.32

Universal VARITRANS

Similar to the standard Varitrans, but extremely flexible in operation. Various connections of the 8 terminals provide for: **line voltage control**—115 volts out with 90 to 140 volts in or 220 volts out with 197 to 243 volts in; **low voltage output for trains, etc.**, 0 to 28 volts out with 115 or 220 volts in; **stepdown or stepup**, 115 to 220 volts or 220 to 115 volts; **rotary converter service**, constant 115 volt output from 55 to 80 volt input.



No.	Type	Max. Amps.	Dimensions	Wt. Lbs.	Each
K5729	VL-0	1.5	3 1/2 x 1 1/2 x 3 7/8"	7	\$5.39
K5730	VL-1	3.5	4 1/2 x 6 x 4 3/8"	9	6.37
K5731	VL-2	6	4 3/8 x 6 x 5 1/8"	12	7.84
K5732	VL-3	11	4 3/8 x 6 x 6 7/8"	18	12.74

Perfect Merchandise - Prompt Shipment - Personal Service

Exact Duplicate REPLACEMENT PARTS

EXACT DUPLICATE AUDIOS and CHOKES for STANDARD RECEIVERS

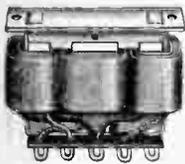
MANUFACTURER'S TYPE



Manufacturer	Model and Type	No.	Each
Airline	62-101, 62-020; Input	K2247	\$1.59
Atwater-Kent	55, 55C, 60, 60C-P.P. Input and Out.	K2492	1.89
Atwater-Kent	67-Audio and P.P. Input	K2243	1.98
Clarion	AC60 Input	K2247	1.59
Crosley	60S, 61S, 62S, 63S P.P. Input 32	K1892	1.89
Fada	42, 44, 46 (C.A.) P.P. Input	K1642	1.35
Fada	42, 44, 46 P.P. Output	K1643	1.10
General Elec.	R31, 51 Input and Output	K1965	1.85
General Elec.	F63, 65, 66, Output	K2171	.71
General Elec.	F70, 75, 77, 80, Output	K2172	.77
General Motors	120, 130, 140, 150, 160—P.P. Input	K2298	.95
Majestic	70, 90—1st. Audio	K2490	1.10
Majestic	70, 90, 180—P.P. Input	K2109	1.15
Philco	20, 220 P.P. Input	K1738	1.00
Philco	20, 220 P.P. Output (2-45's)	K1746	1.10
Philco	20, 220—Filter Choke	K1750	.95
Philco	20, 270—Output	K1749	1.25
Philco	76, 77—P.P. Output (2-45's)	K1746	1.10
Philco	90, 90A (2-45's)—P.P. Output	K1746	1.10
Philco	90, 90A (1-47)—Filter Choke	K1753	.98
Philco	90, 90A (2-45's)—P.P. Output (2-45's)	K1746	1.10
Philco	111, 112 (2-45's)—P.P. Output	K1746	1.10
Philco	R37, 38, 120, 320; Output	K5675	.67
RCA-Victor	140, 240, 340; Output	K5676	.85

Manufacturer	Model and Type	No.	Each
RCA-Victor	M-34; Interstage	K5633	\$ 7.75
RCA-Victor	140, 141, 240, 340, Driver	K5679	.82
RCA-Victor	R32, 52, RE45, RE75, Phono Input	K5683	1.85
RCA-Victor	R32, RE45, R52, RE-75—P.P. Input and Output assembly	K1965	1.85
RCA-Victor	80, 82, 86, R35, R39, RE57—P.P. Input and Output assembly	K1998	1.85
RCA-Victor	R50, R55, RE20, RAE59, RAE79—P.P. Input and Output assembly	K2001	1.90
RCA-Victor	16, 17, 18, 33, 41, 50, 51—Dual Audio	K2005	.95
RCA-Victor	R11, 18, 18A, 21, 26—P.P. Input	K1999	1.32
RCA-Victor	R7, R9—P.P. Input and Output	K1994	1.95
RCA-Victor	R74—P.P. Input and Output	K2098	1.95
Sparton	589, 930, 931—P.P. Input	K281	1.18
Sparton	930, 931—P.P. Output	K276	.88
Stromberg	641, 642, 652, 654—Audio	K2331	1.35
Stromberg	846—Audio	K2270	2.95
Stromberg	10, 11, 25, 26—P.P. Input	K2375	3.95
Stromberg	68—1st. Audio	K1813	.98
Stromberg	68—Driver Input	K1814	1.49

Majestic Pilot Light



terial—will stand up. Heavy-duty primary coil. Shpg. wt. 2 lbs.
K2514—
Your Cost **\$85c**

Dimmer
Exact duplicate of Majestic Part No. 7785. Used in models 300, 300A and 320. Built using high quality material.



K1376—For Models 40, 42, 44, 45, 52, 56, 57.
Your Cost **\$4.95**
K1375—For Models 43, 46, 47, 53.
Your Cost **\$7.25**

A.K. Power Units
Exact duplicates of original part. Just replace old unit and solder connections. With color code.



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. ct. at 3 amps. **\$3.38**
K264—Your Cost

For Class "B" Receivers
T69R35—775 volt ct. at 200 ma.; 6.3 volts ct. at 3 amps.; 5 volts at 3 amps. **\$3.82**
K426—Your Cost

For 6L6 P.A. Amp.
T17R30—740 volts ct. at 280 ma.; 6.3 volts ct. at 6 amps.; 5 volts at 3 a. **\$5.00**
K511—Your Cost

For Hi-Power Amp.
17R31—860 volts ct. at 325 ma.; 6.3 volts at 7 amps.; 5 volts at 6 a. **\$7.35**
K522—Your Cost

THORDARSON

General Purpose Power Transformers For Amplifiers And Receivers



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. **\$1.90**
K514—Your Cost

6.3 Volts (7 to 8 Tubes)
T70R61—770 volts ct. at 70 ma.; 6.3 volts ct. at 2.5 amps.; 5 volts at 2 amps. **\$2.35**
K321—Your Cost

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. ct. at 3 amps.; 5 v. at 3 amps. **\$4.41**
K516—Your Cost

K461 Thordarson Transf. Encyclopedia FREE, with order.
Contains transformers on every set mentioned in Rider's 9 manuals.

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 3/4 x 2 1/2 x 2 1/2". Baked varnish insulation. Lug terminals. Wt. 3 lbs.
K5536—Your Cost **\$1.18**

Same as above but shielded in cadmium plated case with bakelite terminal board.
K5537—Your Cost **\$1.39**

Universal Audio
Fully shielded in black finished metal case, 2x2 3/8 x 2 3/8". Suitable for straight or push-pull audio. Primary for any single triode, single or p. p. (27, 56, 6C5, etc.); secondary for any single or push-pull tubes. Response 30 to 10,000 cps. Shpg. wt. 3 lbs.
K5529—Your Cost **\$1.18**

Lafayette "P. A." Audio Transformers

Employ a high grade of high permeability core material. Each unit individually checked for response and overall performance.

Overall Dimensions
Type A—2 1/4" L, 3" W, 3" H; centers 1 1/2 x 2 1/2".
Type B—3 1/8" L, 4 1/2" W, 3" H; centers 2 1/8 x 3 3/8".
Type C—3 3/8" L, 4 3/8" W, 4 1/4" H; centers 3 1/8 x 4 3/8".



CLASS A OUTPUTS
All secondary impedances of units listed below tapped for 500, 250, 15, 8, 5, 3 and 1.5 ohms.
Primary 10000 and 6000 ohms plate to plate. Type B m'tg. **\$3.50**
K2592—Your Cost
Primary 6600 ohms plate to plate (for 6L6's self-bias). 35 watts. Type C mounting. **\$5.00**
K2595—Your Cost
Primary 3800 to 3300 ohms plate to plate (2 6L6's fixed bias or 4 6L6's self-bias). 75 watts. Type C mounting. **\$7.50**
K2598—Your Cost

Mixing Transformers
For mixing a 500, 200 or 50 ohm line to a 500, 200 or 50 ohm line.
Type A mounting. **\$2.95**
K2594—Your Cost

CLASS A INPUTS
From one plate to two grids. Ratio 2:1 each side. Split secondaries. Type A mounting. **\$2.50**
K2570—Your Cost
From 2 plates to 2 grids. 1.75:1 ratio each side. Both primary and secondary in two sections. Type A mounting. **\$3.00**
K2571—Your Cost
500, 200 and 50 ohm line to single grid. Type A mount'g. **\$3.25**
K2572—Your Cost

CLASS B INPUT
Driver 46 or 59 plate to 46 or 59 grids. A mounting. **\$3.00**
K2555—Your Cost

From a low level triode plate to 500, 200 or 50 ohms. Type A mounting. **\$3.25**
K2576—Your Cost

Exact Duplicate AC-DC Electrolytics At New Low Prices!



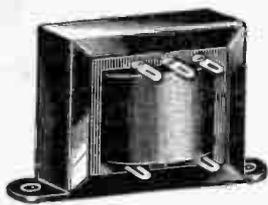
Unheard of values in Exact Duplicate AC-DC Electrolytic Condensers. Specifications are identical with the original in both size and capacity. Extremely limited quantity of these high quality, low price units.

Receiver & Cap. Part No.	Mfd. No.	Stock No.	Your Cost	Receiver & Cap. Part No.	Mfd. No.	Stock No.	Your Cost
APEX (U. S. Radio)				GEN. ELECTRIC			
6201 4-4-12	K894	75c		66185 8-8-5-5		K672	9c
6508B 8-8-4-4	K895	83c		66143 4-4		K1717	12c
ATWATER-KENT				GRUNOW (Gen. Household)			
26158 8-14-8	K896	85c		26508 8-8-4-4		K895	83c
24602 8-8-8	K897	71c		27151 4-8-20-4		K904	80c
CROSLLEY				INT. KADETTE			
274488A 6-8	K2805	39c		A427 3 1/2-3 1/2-3 1/2		K906	52c
29012 12-2-5	K503	39c		A412 8-30		K907	68c
29150B 6-7-8	K898	69c		MAJESTIC			
30059A 8-8-8	K899	88c		6277 8-4-4		K908	88c
EMERSON				9661 8-10-16		K909	72c
KC68 4-8-16	K900	69c		10536 4-6-10		K910	71c
HC31 4-4	K901	39c		RCA-VICTOR			
GGC137 8-16-5-5	K902	83c		66185 8-8-5-5		K672	9c
GEN. ELECTRIC				66143 4-4		K1717	12c
T18J58-7 4-8-4	K715	10c		66189-1 8-4-4		K911	70c
T18J58-23 3-3-10	K714	10c		66189-2 8-4-4-4		K912	89c

We can supply replacement electrolytics for all standard radios. When ordering, send sample or give all possible information (size, number, etc.). We will quote lowest prices.

We Will Not Knowingly Be Undersold

Truest ALL PURPOSE Audio Components



Truest Standard Replacement Audio Transformers and Chokes

This line of Truest audio components is exceptionally complete. They are not to be confused with inferior types which are built to a price rather than a quality standard. All Truest audio transformers are constructed using a high grade of silicon steel for core material. Coils are wound with unalloyed copper wire of the proper gauge for each particular application. Insulation is tested at 1250 volts a.c. Average size of units is 3 1/4" long, 2" high, 1 1/4" deep; mounting centers 2 3/8". Average shpg. wt. 3 lbs.

Truest Small Transformers and Chokes



An extremely compact, yet highly efficient series of transformers and chokes particularly suited for use in auto radio receivers and a.c.-d.c. compact radios. They can, however, be used in any type of receiver or amplifier.

Unshielded strap mounting type with rust resisting frame. Dimensions 1 1/4" x 1 1/4". Mtg. centers 2 3/8" apart. Aver. shpg. wt. 1 lb.

Output Transformers

- K1553**—Output, Single '45 or 6F6 metal Triode type tube to 5-15 ohm voice coil. **65¢**
Your Cost.
K1554—Output Push-pull '45s or 6F6 metal Triode type tubes to 5-15 ohm voice coil. **67¢**
Your Cost.
K1555—Output, Single Pentode '47 or 6F6 metal Pentode to a 5-15 ohm voice coil. **65¢**
Your Cost.
K1556—Output, P.P. Pentodes, 47's, 6F6 metal Pentodes to a 5-15 ohm voice coil. **67¢**
Your Cost.
K1564 Output, Push-pull, 49's Class B, to a 5-15 ohm voice coil. **\$1.10**
Your Cost.
K1566 Output, Push-pull 2A3's, to a 5-15 ohm voice coil of dynamic speaker. (4 1/4" x 2 1/2") **\$1.79**
Your Cost.

Microphone and Line

- K5448**—Single or double button mike to grid, 200 ohms each side of center tap. **82¢**
Your Cost.
K1574—Single plate like 56, 27, 6C5, etc., to 500, 200 or 50 ohm line.
K1575—Same as above, but p.p. plates.
K1576—50, 200 or 500 ohm line to grid. **90¢**
Your Cost, Any Type.
K5494 2, 4, 8 or 15 ohm dynamic speaker voice coil to 250 or 500 ohm line. **\$1.48**
Your Cost.

Special Line Transformer

A special transformer with coil wound on a 1 1/2" core of special high permeability iron. Frequency characteristics exceptionally fine. **K1565**—500 to 250 ohm line to 1/2-3/4-1.5-2.5-4-6-8-10-15 ohm voice coil. **\$2.45**
 Size 3" L. x 2 1/2" H. x 2 1/4" D.
Your Cost.

Filter Chokes

Stock No.	Induct. Henrys	Curr. MA.	D.C. Res.	Your Cost
K1557	25	25	830	68¢
K1558	11	60	300	65¢
K1570	30	125	200	85¢

Filament Transformers

Stock No.	Filament Volts	Filament Amperes	Your Cost
K2388	2.5 c.t.	5.25	65¢
K2443	2.5 c.t.	5.25	\$1.19
K2387	2.5 c.t.	10.5	78¢
K2441	5.0 c.t.	4.0	85¢
K5495	6.3 c.t.	3.0	85¢
K5496	7.5 c.t.	3.5	1.10

Audio Transformers

- K1550**—Audio, first or second stage of straight audio amplification. Ratio 3:1. **69¢**
Your Cost.
K1551—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1. **71¢**
Your Cost.
K1552—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **71¢**
Your Cost.
K1562 Push-pull Input, Split Secondaries (isolated), between 1 plate and 2 grids. Ratio 1.75:1. Has six leads. **\$1.08**
Your Cost.
K5491—Push-pull Input, high impedance primary, to couple a screen grid or Pentode detector (24, 57, etc.) to p.p. 45's, 47's, 2A5's, etc. **\$1.45**
Your Cost.

Audio Transformers

- K1619**—Interstage audio, ratio 3 1/2:1.
K1620—Push-pull Input, ratio 1 1/2:1.
K1607—Single Output: 45, 48, 71A, 43, etc. to 5-15 ohm voice coil.
K1609—Single Output: 47, 59, 33, 2A5, 89, 31, 27, 42, 18, etc., to 5-15 ohm voice coil.
K1614—Push-pull Output: 45, 48, 71A, 43, etc., to 5-15 ohm voice coil.
K1615—Push-pull Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil.
K1610—Output; Primary 2,000 ohms, for 25B6G, 25L6, etc. Output winding tapped 2 to 10 ohms. 1 1/4" x 1 3/4"; centers 2 1/8".
K1611—Output; Primary 4,000 ohms, for 25A6, 43, 45, etc. Output winding tapped 2 to 10 ohms. Same size as above.
K1612—Output; Primary 7,000 ohms, for 42, 59, 6F6, 47, 2A5, etc. Output winding tapped 2 to 10 ohms. Same size as above.
K1613—Output; Primary 10,000 ohms, for 6G6G, 6K6G, 41, etc. Output winding tapped 2 to 10 ohms. Same size as above.
Your Cost, Any Above Type. **49¢**

AC-DC Filter Chokes

- K1601**—10 henrys, d.c. resistance 200 ohms. Maximum d.c. 50 milliamperes.
K1602—11 henrys, d.c. resistance 250 ohms. Maximum d.c. 65 milliamperes.
K1603—13 henrys, d.c. resistance 350 ohms. Maximum d.c. 50 milliamperes.
K1604—20 henrys, d.c. resistance 500 ohms. Maximum d.c. 35 milliamperes.
Your Cost, Any Above. **29¢**

Universal Output Transformer

Matches single or p.p. Triodes or Pentodes, Class A or B, to any voice coil from .1 to 30 ohms. Diagrams furnished. Size: 1 1/4" x 1 1/4" x 3 1/4"; mounting centers 3/4" to 2". Shpg. wt. 3 lbs.
K1708—**69¢**
Your Cost.



Universal Audio

Universal mounting: same size as above.
K1709—Single pl. to single grid. 3:1.
K1710—Single pl. to p.p. grids. 2:1.
Your Cost, Either Type. **69¢**

Strap Mounting Universal Outputs

- Small:** 3 1/2" to 6" Speakers
Medium: 6 to 8" Speakers
Large: 8 to 12" Speakers



A series of strap mounting Universal Output Transformers that will match practically any single or push-pull output tubes to any standard voice coil. Each unit has been especially designed to obtain the utmost in performance from the speaker size for which it is intended. Complete instructions furnished with each transformer.

Stock No.	Size	Overall Dimensions (Less Ears) in Inches	Spacing of Mtg. Holes	Your Cost
K19273	Small	1 1/8" H. x 1 1/8" L. x 1 1/2" W.	2"	40¢
K5667	Medium	1 1/2" H. x 1 1/2" L. x 1 1/2" W.	2 3/8"	49¢
K1535	Large	1 1/2" H. x 2 3/8" L. x 1 3/4" W.	2 1/8"	59¢

Universal Line To Speaker Transformer

Strap mounting similar to above types. Matches 2000, 1500, 1000, or 500 ohm line to 6 to 8 ohm voice coil. Dimensions: 2" high, 2 3/8" long (less ears), 1 1/2" wide. Mounting centers 2 1/8".
 Shipping weight 2 lbs.
K1536—**Your Cost.** **69¢**

30 Watt Universal Output

Universal heavy duty output. Weighs 2 1/4 lbs. Matches P.P. tubes. Primary impedances: 3000 to 10,000 ohms; secondary: 1 to 30 ohms. 3x2 1/2" x 2 3/4"; centers 3 1/4".
K1537—**Your Cost.** **\$1.35**

Heavy Duty P. A. Choke

For P.A. amplifiers up to 20 watts. 30 Henrys, 200 ohms d.c. resistance, 125 ma. (max. d.c.). 3x3 3/4". Shpg. wt. 3 lbs.
K5638—**Your Cost Each.** **98¢**

Universal Line To Voice Coil Transformer

1 to 6 speakers can be matched to a 500 ohm line, using one unit on each speaker. Matches any voice coil and reflects prim. impedances of 500/1000/1500/2000/2500/3000 ohms. Centers 3 1/4".
K1538—**Your Cost.** **\$1.35**

30 Henry Filter Chokes

30H., 50 ma. max. d.c. resistance 450 ohms. 2 1/2" x 1 3/4" x 2 1/8". Shpg. wt. 3 lbs.
K246—**Your Cost Each.** **44¢**

Jefferson Audios Universal Outputs

Primary and secondary tapped to match all types of output tubes to any voice coil. 1 1/4" x 2 3/4" x 2".
 Instructions furnished.
 Shpg. wt. 2 lbs.
K5432—**Each.** **\$1.18**



Same as above, but with oversized core. 2x2 3/8" x 2".
K5433—**Your Cost.** **\$1.32**

Universal Inputs

For use as straight audio, p.p. input or double p.p. input. 1 1/4" x 2 3/8" x 2". Shpg. wt. 2 lbs.
K5434—**Your Cost.** **\$1.18**
 Same as above, but with oversized core. 2x2 3/8" x 2".
K5435—**Your Cost.** **\$1.32**

Single-button mike to grid. 30 to 7000 c.p.s. 2x3 1/4" x 1 1/4".
K5447—**Your Cost.** **94¢**

Channel Frame Audios

Type 467-403—Straight audio, ratio 1:3. Size: 2x3 1/4" x 1 1/4". Shpg. wt. 2 lbs.
K5443—**Your Cost Each.** **94¢**
 Type 467-404-P.P. Input, ratio 3:1. 2x3 1/4" x 1 1/4".
K5444—**Your Cost.** **\$1.03**
 Type 467-410-P.P. Output. Primary 7000 ohms c.t. Secondary for 6-8 ohm voice coil. 3 1/4" watts. 2x2 1/4" x 1 1/4". Shpg. wt. 2 lbs.
K5445—**Your Cost.** **82¢**

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 1/4" x 2 1/4" x 3 1/4".
K1529—**Each.** **95¢**

P. P. Inputs

Fully shielded, lug terminals on bottom. High grade core material. Turns ratio 3:1. Size: 2x2 1/2" x 2 1/4". Shpg. wt. 2 lbs.
K1512—**Your Cost.** **73¢**
 Similar to the above, but terminals on sides. 2 3/4" x 2 3/4" x 2 1/4".
K5485—**Your Cost.** **85¢**



AEROVOX EXACT DUPLICATE A.C.-D.C. ELECTROLYTICS

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
ATWATER-KENT				
K4540	24602	8-8-8	150	\$0.97
K4541	24955	8-8-8	150	.97
K4538	26158	8-14-8	150	1.15
K4542	27592	4-8-10	450-450-25	1.12

BOSCH				
M3016	105237	4-8x20	450-450-50	1.23
M2800	CE9520	12-12x5-5	150x25	1.15
K4544	SA105722	4-12-8x4	150x25	1.26
K2954	104422	8-8-4	475-300	1.76
K3002	103950	8-8-4-4	450-350	1.62

BELMONT				
K3006	C-525-B	5-25-5	100	.94
K2953	A11093-1	5-25-5	200	1.15
K3018	C625C	6-25	100	.82
K2952	119-24B	5-5	200	.53

CLARION				
K2802	P4717	16-4	150	.70

COLONIAL				
K4550	R-10673	6-6-25	150-25	.94
K3135	R-8053	8-8-8	200	1.12

CROSLLEY				
K2976	W25857B	8-8	200-25	.59
K2977	W26119	8-4	150-300	.64
K2808	W26194B	12	475	1.21
K3023	W26896	12-6	300-25	.91
K2804	W27488A	8-6	25-300	.56
K3824	W27677A	8-8	100	.44
K3825	W28468	8-12	350-475	1.32
K3826	W29097B	8-8-8	450-350-250	1.26
K504	W29150A	6-7-8	450-400-25	1.06
K3024	W29264A	16-16-8	125-100-20	1.18
K3025	W29804A	8-16-16	150	1.23
K3828	W29808	12	300	.70
K3827	B30017	4-8	450	.85
K505	W30059A	8-8-8	450-250-450	1.29
K502	W30124	16-16-8	100-125-125	1.26
K4551	W30962	8-25	150	.85
K505	W32374	8-8-8	450-250-450	1.29

EMERSON				
K2815	HC-348B	20-20	150	.68
K3830	HC-31	4-4	200	.53
K3831	HC-32	5-5	35	.44
K2956	KC-68	4-8-16	175	1.06
K4554	GGC-137	8-16x5-5	150-25	1.21
K3031	KKC-143	12-8	150	.73
K4555	UUC-179	12-8x5-5	150-25	1.15
K3032	ZZC-192A	4-8-16	150	1.12
K3033	2CC-194	8-16	150	.85
K3030	2DC-203	8-16	150	.79
K2816	2CC-222	12-12	150	1.03
K3034	2WC-239	8-5x5	150-25	.85
K2820	ECC-129	8-8-4	150	.97
K2822	2CC-224	16-4-8	150	1.09
K2837	ZC-123	6-10	350	.88
K2838	4DC-345	16-16	150	.82
K4552	TC89	4-12-16	150	1.12
K4553	TTC159	6-8-12	450-25	1.32

In the listing on this page, only the most popular replacement a.c.-d.c. electrolytic condensers are shown. However, we can supply any standard unit at the lowest net price. When ordering, be sure to specify make of set, model number and part number if possible, or send the defective unit to us for duplication.

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4558	9442	4-10x7-7	150	\$1.26
K4557	9982	8-8-20	100-150	1.06
K2928	2272	8-20	150	.79

ERLA (Sentinel)				
K4566	30326	8-8-12	350-250	1.18
K3041	27151	4-8-20-4	25-150-150-150	1.29
K4565	30091-1	8-8x8x12-12	450-475-25	1.88
K2854	34119-6	6-5x10-10	50-350	1.41

GENERAL HOUSEHOLD UTILITIES (Grunow)				
K3137	A-407	4-4	150	.50
K2855	A-408	5-5	35	.44
K4570	A-412	8-30	150	.91
K2856	A-421	3.5-3.5-3.5	150-150-25	.76
K2978	A-424	4-10-10	150	.97
K2979	A-426	2-7	100	.59
K2980	A-427	3.5-3.5-3.5	100-100-25	.70
K4571	A-425	10-10-4	150	.97
K2857	A-422	8-30	150	.68
K2859	A-430	4-10-10	150	.97
K2983	A-468	8-8-8-8	150-250	1.35

INTERNATIONAL				
K2984	4713	8	450	.56
K4569	6277	8-4-4	450	1.18
K2985	7489	16	450	.82
K2821	7824	8-16	300	.97
K3835	7988	7	150	.41
K2819	8118	20	30	.35
K2823	8755	4-8	450	.76
K2825	9661	8-10-16	150-25-150	1.06
K2827	9979	8-8	350	.82
K2831	10369	8-8	450	.88
K4568	10536	10-4-6	25-300-350	1.00
K3836	10827	10-8-8	25-350-350	1.09

MAJESTIC				
K2986	1388	8-8-25	350-25	1.18
K2986	1465	6-6	350	.70
K4564	1468	6-4-6	200x12	.82
K2988	34	3-6-10	200-200-25	.82
K2989	8123	8-12	200	.79
K2990	4-8200	4-8	200	.64
K2991	1424	2-4	250	.64
K2807	8825	8-8-25	350-300-25	1.09
K4562	8426	4-8-5	350-200	1.09

MOTOROLA (Galvin)				
K4560	1388	8-8-25	350-25	1.18
K2986	1465	6-6	350	.70
K4564	1468	6-4-6	200x12	.82
K2988	34	3-6-10	200-200-25	.82
K2989	8123	8-12	200	.79
K2990	4-8200	4-8	200	.64
K2991	1424	2-4	250	.64
K2807	8825	8-8-25	350-300-25	1.09
K4562	8426	4-8-5	350-200	1.09

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

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K2718	5-8-12	25-150-150	1.00	

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K2718	5-8-12	25-150-150	1.00	

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K2718	5-8-12	25-150-150	1.00	

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K2718	5-8-12	25-150-150	1.00	

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

MOTOROLA (Galvin)				
K2718	5-8-12	25-150-150	1.00	

AEROVOX - Dependable Quality - CONDENSERS

Cardboard Tubular Dry Electrolytics



Mounted in cardboard tube containers, completely sealed. Provided with bare leads securely riveted to condenser tabs. Single section units have 2 leads, double section units have three. Ideal for replacement in service work.

PR450 - 450 V. D.C. Working

Stock No.	Cap. Mfd.	Size Dia.—Ins. Long	Your Cost
K4676	2	1 1/2 x 2 1/2	\$0.38
K4677	4	1 1/2 x 2 1/2	.44
K4678	8	1 1/2 x 2 1/2	.56

PR200 - 200 V. D.C. Working

Stock No.	Cap. Mfd.	Size Dia.—Ins. Long	Your Cost
K4680	4	1 1/2 x 2 1/2	.38
K4682	8	1 1/2 x 2 1/2	.47
K4683	10	1 1/2 x 2 1/2	.53

PR100 - 100 V. D.C. Working

Stock No.	Cap. Mfd.	Size Dia.—Ins. Long	Your Cost
K4684	5	1 1/2 x 2 1/2	.32
K4685	10	1 1/2 x 2 1/2	.41
K4687	20	1 1/2 x 2 1/2	.53
K4688	25	1 1/2 x 2 1/2	.56

Type PR50 - 50 V. D.C. Working

Stock No.	Cap. Mfd.	Size Dia.—Ins. Long	Your Cost
K4689	5	1 1/2 x 2 1/2	\$0.29
K4690	10	1 1/2 x 2 1/2	.38
K4692	20	1 1/2 x 2 1/2	.44
K4693	25	1 1/2 x 2 1/2	.47
K4694	50	1 1/2 x 2 1/2	.70
K4695	5-5	1 1/2 x 2 1/2	.44

Type PR25 - 25 V. D.C. Working

Stock No.	Cap. Mfd.	Size Dia.—Ins. Long	Your Cost
K4696	5	1 1/2 x 2 1/2	.29
K4697	10	1 1/2 x 2 1/2	.29
K4699	20	1 1/2 x 2 1/2	.35
K4700	25	1 1/2 x 2 1/2	.38
K4701	50	1 1/2 x 2 1/2	.56
K4702	5-5	1 1/2 x 2 1/2	.44
K4703	10-10	1 1/2 x 2 1/2	.44

Oil-filled Oil-impregnated Tubulars



2000 Volt condensers ideal for X'mitters and Vibrators.

No.	Cap.	Size	Each
K4833	.0075	1 1/2 x 2 1/2	44c
K4834	.01	1 1/2 x 2 1/2	47c
K4835	.015	1 1/2 x 2 1/2	47c
K4836	.02	1 1/2 x 2 1/2	50c
K4837	.03	1 1/2 x 2 1/2	50c
K4838	.04	1 1/2 x 2 1/2	53c
K4839	.05	1 1/2 x 2 1/2	56c

PG Wet Electrolytics



Type PG500 - 500 Volts Peak.

No.	Cap.	Size	Ins.	Each
K4784	4	1 1/2 x 4 1/2		\$0.47
K4785	8	1 1/2 x 4 1/2		.56
K4512	10	1 1/2 x 4 1/2		.62
K4786	12	1 1/2 x 4 1/2		.68
K4831	16	1 1/2 x 4 1/2		.79
K4513	18	1 1/2 x 4 1/2		.88
K4514	20	1 1/2 x 4 1/2		.88
K4515	30	1 1/2 x 4 1/2		1.00
K4832	40	1 1/2 x 4 1/2		1.12

Type PG350 - 350 Volts Peak.

No.	Cap.	Size	Ins.	Each
K4787	8	1 1/2 x 3 1/2		.52
K4788	16	1 1/2 x 3 1/2		.65
K4789	20	1 1/2 x 3 1/2		.82
K4790	40	1 1/2 x 3 1/2		1.06

Type PGM500 - 500 Volts Peak.

No.	Cap.	Size	Ins.	Each
K4840	8	1 x 3 1/2		.56
K4841	10	1 x 3 1/2		.62
K4842	12	1 x 3 1/2		.68

Type PGM350 - 350 Volts Peak.

No.	Cap.	Size	Ins.	Each
K4843	8	1 x 3 1/2		.53
K4844	16	1 x 3 1/2		.65
K4845	20	1 x 3 1/2		.82

Type PGM150 - 150 Volts Peak.

No.	Cap.	Size	Ins.	Each
K4846	8	1 x 3 1/2		.41
K4847	16	1 x 3 1/2		.53
K4848	24	1 x 3 1/2		.57
K4849	40	1 x 3 1/2		.68

"DANDEE" Ultra-Compact Tubular Dry Electrolytics



Smaller than midgets—they fit in the most limited space—yet all are full rated capacity, have excellent power factor and low leakage. In aluminum containers with varnished paper sleeves.

Stock No.	Cap. Mfd.	Wgt. Vols.	Size Ins.	Your Cost
K770	10	25	3/16 x 1 1/2	24c
K701	25	25	3/16 x 1 1/2	29c
K5050	50	25	3/16 x 1 1/2	38c
K5051	100	25	3/16 x 1 1/2	53c
K702	10	50	3/16 x 1 1/2	26c
K703	25	50	3/16 x 1 1/2	31c
K5052	50	50	3/16 x 1 1/2	47c
K5053	100	50	3/16 x 1 1/2	59c
K741	4	150	3/16 x 1 1/2	24c
K742	8	150	3/16 x 1 1/2	26c
K748	12	150	3/16 x 1 1/2	29c
K749	16	150	3/16 x 1 1/2	31c
K750	24	150	3/16 x 1 1/2	35c
K751	30	150	3/16 x 1 1/2	38c
K752	40	150	3/16 x 1 1/2	41c
K718	4	250	3/16 x 1 1/2	26c
K723	8	250	3/16 x 1 1/2	29c
K724	12	250	3/16 x 1 1/2	38c
K725	16	250	3/16 x 1 1/2	44c
K726	4	350	3/16 x 2 1/2	29c
K737	8	350	3/16 x 2 1/2	31c
K738	12	350	3/16 x 2 1/2	41c
K739	16	350	3/16 x 2 1/2	47c
K5054	24	350	3/16 x 2 1/2	53c
K753	4	450	3/16 x 2 1/2	31c
K754	8	450	3/16 x 2 1/2	35c
K755	12	450	3/16 x 2 1/2	44c
K756	16	450	3/16 x 2 1/2	52c
K5055	20	450	3/16 x 2 1/2	59c
K704	10-10	50	1 1/2 x 1 1/2	47c
K5056	10-10	25	3/8 x 1 1/2	35c
K5057	8-8	150	3/8 x 1 1/2	47c
K5058	8-16	150	3/8 x 1 1/2	50c
K5059	20-20	150	3/8 x 1 1/2	62c
K5060	8-8	200	3/8 x 2 1/2	47c
K5061	8-16	200	3/8 x 2 1/2	59c
K5062	16-16	200	3/8 x 2 1/2	68c
K5063	8-8	450	1 x 2 1/2	62c
K5064	8-16	450	1 x 2 1/2	76c

SPACE SAVER MIDGET ELECTROLYTICS

Feature the "adjustmount", a swivel mounting bracket with slotted holes to fit any mounting hole spacing. Dual units have four leads; triple units have six leads.



Type PBS600 - High Surge 600 Volts D.C. Working

Stock No.	Cap. Mfd.	Size D. W. L.	Your Cost
K4501	4	1 1/2 x 1 1/2 x 2 1/2	\$1.03
K4502	8	1 1/2 x 1 1/2 x 2 1/2	1.44

Type PBS450 - 525V. Surge 450 V. D.C. Working

Stock No.	Cap. Mfd.	Size D. W. L.	Your Cost
K4633	2	1 1/2 x 1 1/2 x 2 1/2	\$0.38
K4634	4	1 1/2 x 1 1/2 x 2 1/2	.44
K4635	8	1 1/2 x 1 1/2 x 2 1/2	.56
K4636	10	1 1/2 x 1 1/2 x 2 1/2	.67
K4637	12	1 1/2 x 1 1/2 x 2 1/2	.76
K4638	16	1 1/2 x 1 1/2 x 2 1/2	.85

Type PBS450 - 525 Volts Surge 450 Volts D.C. Working

Stock No.	Cap. Mfd.	Size D. W. L.	Your Cost
K4644	4-4	1 1/2 x 1 1/2 x 2 1/2	\$0.70
K4645	8-8	1 1/2 x 1 1/2 x 2 1/2	.88
K4646	8-16	1 1/2 x 1 1/2 x 3	1.11
K4650	8-8-8	1 1/2 x 1 1/2 x 3	1.29

Type PBS250 - 300 Volts Surge 250 V. D.C. Working - Singles

Stock No.	Cap. Mfd.	Size	Your Cost
K4638	2	1 1/2 x 1 1/2 x 2 1/2	\$0.32
K4639	4	1 1/2 x 1 1/2 x 2 1/2	.38
K4640	8	1 1/2 x 1 1/2 x 2 1/2	.47
K4641	10	1 1/2 x 1 1/2 x 2 1/2	.53
K4642	12	1 1/2 x 1 1/2 x 2 1/2	.55
K4643	16	1 1/2 x 1 1/2 x 2 1/2	.61
K4503	20	1 1/2 x 1 1/2 x 2 1/2	.61
K4504	25	1 1/2 x 1 1/2 x 3 1/2	.73
K4505	30	1 1/2 x 1 1/2 x 3 1/2	.82

Type PBS250 - 300 Volts Surge 250 V. D.C. Working - Doubles

Stock No.	Cap. Mfd.	Size	Your Cost
K4646	4-4	1 1/2 x 1 1/2 x 2 1/2	\$0.52
K4647	8-8	1 1/2 x 1 1/2 x 2 1/2	.73
K4648	8-16	1 1/2 x 1 1/2 x 2 1/2	.85
K4506	12-16	1 1/2 x 1 1/2 x 2 1/2	.94
K4507	16-16	1 1/2 x 1 1/2 x 2 1/2	.97

Type PBS250 - 300 Volts Surge 250 V. D.C. Working - Triples

Stock No.	Cap. Mfd.	Size	Your Cost
K4649	8-8-8	1 1/2 x 1 1/2 x 2 1/2	1.11
K4652	8-8-16	1 1/2 x 1 1/2 x 2 1/2	1.23

Grounded and Insulated Metal Can Units



Insulated type (I450) has negative lug riveted to can. Negative car in grounded unit. Both 525 v. surge, 450 v. d.c. working. 1 1/8" diam.

Ins. No.	Grd. No.	Cap. Mfd.	Cap. In.	Your Cost
K4659	K4508	4	2 1/2	50c
K4660	K4509	8	4 1/2	61c
K4661	K4510	12	4 1/2	82c
K4662	K4511	16	5 1/2	91c

Cardboard Dries



Same as metal-can units. Flanges.

Type	No.	Cap.	Size	Ins.	Each
P450	4	3/4 x 1 1/2 x 4 1/2		44c	
P450	8	15/16 x 1 1/2 x 4 1/2		56c	
P450	16	17/16 x 1 1/2 x 4 1/2		85c	

Inverted Dry Electrolytics

Provided with a lock-washer, nut and 3/8" screw bushing. Available in single and double section units with separate terminal leads. Double section units are provided with four leads; triple section units have six leads. Can is insulated.



Type GL600 - Single Units High Surge - 600 V. D.C. Work

Stock No.	Cap. Mfd.	Size	In.	Your Cost
K4516	4	1 1/2 x 4 1/2		\$1.08
K4517	8	1 1/2 x 5 1/2		1.52

Type GL-450 Single Section 525 V. Surge - 450 V. D.C. Work

Stock No.	Cap. Mfd.	Size	In.	Your Cost
K4651	4	1 1/2 x 3 1/2		50c
K4652	8	1 1/2 x 4 1/2		61c
K4653	12	1 1/2 x 4 1/2		82c
K4654	16	1 1/2 x 5 1/2		91c

Double Section Units 525 V. Surge 450 V. D.C. Work

Stock No.	Cap. Mfd.	Size	In.	Your Cost
K4655	4-4	1 1/2 x 4 1/2		76c
K4656	8-8	1 1/2 x 4 1/2		94c

Triple Section Units 525 V. Surge - 450 V. D.C. Work

Stock No.	Cap. Mfd.
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Cardboard Cased Dry Electrolytics "600" Volt Line

Type D.C. 475 volts working; 600 volts surge. (*) Have 4 leads. Colored pig-tail leads.



Stock No.	Cap. Mfd.	Size—Ins. L W T	Your Cost
K2646	2	2 3/8 x 1 x 1	\$0.56
K2647	4	4 1/2 x 1 3/8 x 3/8	.69
K2649	8	4 1/2 x 1 3/8 x 1	.78
K2651*	4-4	4 3/8 x 1 3/8 x 1	1.06
K2653	4-8	4 3/8 x 1 3/8 x 1 1/4	1.18
K2655	6-8	4 3/8 x 1 3/8 x 1 1/4	1.29
K2656*	8-8	4 3/8 x 1 3/8 x 1 1/2	1.29

"450" Volt Line

Working voltage, 450 volts; maximum surge, 525 volts. Pig-tail leads of push-back wire.

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K3527	4	4 1/2 x 1 3/8 x 3/8	44c
K3528	8	4 1/2 x 1 3/8 x 1	56c
K2792	12	4 1/2 x 1 3/8 x 1 1/4	76c
K2793	16	4 1/2 x 1 3/8 x 1 1/4	85c
K3529	4-4*	4 1/2 x 1 3/8 x 1	71c
K3530	8-8*	4 1/2 x 1 3/8 x 1 1/4	88c
K2794	8-8-8†	4 1/2 x 2 x 1 1/2	\$1.29

Inverted Can Dry Electrolytics "450" Volt Line

Cased in aluminum containers with mounting brackets. Fit in any mounting hole—may be used to replace cans of much larger size. Continuous working voltage, 450; maximum surge voltage 525. (*) Has 4 colored leads. (†) 6 leads.



Stock No.	Cap. Mfd.	Size—Ins. D—Ins. L	Your Cost
K3534	4	1 3/8 3/8 4 1/2	50c
K3535	8	1 3/8 4 1/2	62c
K2789	12	1 3/8 4 1/2	82c
K2790	16	1 3/8 4 1/2	91c
K3536*	4-4	1 3/8 4 1/2	76c
K3537*	8-8	1 1/2 4 1/2	94c

"600" Volt Line

Continuous working voltage, 475; maximum surge voltage, 600. Can also be used for upright mounting. (*) Has 4 leads.

Stock No.	Cap. Mfd.	Size—Ins. L—Ins. D	Your Cost
K2616	4	3 1/2 x 1 1/2	\$0.73
K2618	8	4 1/2 x 1 3/8	.88
K2767	12	4 1/2 x 1 3/8	1.21
K2768	16	4 1/2 x 1 3/8	1.35
K2766*	8-8	4 1/2 x 1 1/2	1.41

"TINY MIKE" Can Type Dry Electrolytics



450 volts working; 525 volts surge. Employ etched foil. With palnut.

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2795	4	1 x 2 3/4	50c
K2796	8	1 x 3	62c
K2797	12	1 x 3	82c
K2798	16	1 x 3	91c
K2799	8-8*	1 1/2 x 3	94c

* Has four leads.

SPRAGUE "ATOMS" Ultra-Compact Dry Electrolytics



Etched-foil dry-electrolytics that feature compactness, extremely low leakage, high surge voltage. All have ungrounded separate negative leads. Tubular metal containers in

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K769	10	25	3/16 x 1 1/8	24c
K770	25	25	3/16 x 1 1/8	29c
K771	25	50	3/8 x 1 1/8	32c
K772	4	150	5/8 x 1 1/8	24c
K773	8	150	5/8 x 1 1/8	26c
K774	12	150	5/8 x 1 1/8	29c
K775	16	150	1 1/8 x 1 1/8	32c
K776	20	150	3/4 x 1 1/8	35c
K777	40	150	7/8 x 1 1/8	38c
K778	4	450	5/8 x 1 1/8	32c
K779	8	450	3/4 x 1 1/8	35c

leads. Tubular metal containers in

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K780	12	450	3/8 x 2 1/8	44c
K781	16	450	1 1/2 x 2 1/8	53c
K782	20	450	3/8 x 2 1/8	59c
K3163	10-10	25	5/8 x 2 1/8	41c
K783	10-10	50	5/8 x 2 1/8	47c
K3164	8-8	150	5/8 x 2 1/8	47c
K3165	20-20	150	3/4 x 2 1/8	62c
K784	12-12	200	1 1/2 x 2 1/8	56c
K785	8-16	200	1 1/2 x 2 1/8	56c
K787	16-16	200	3/8 x 2 1/8	62c
K786	8-8	450	1 1/2 x 2 1/8	62c

500-Volt Inverted Wet Electrolytics



Inverted mounting type, furnished with mounting nut. Can is negative. Chrome-plated cans prevent corrosion and deterioration. Hidden vent is non-temperable. Self-healing—can withstand high peak voltages. D.C. voltage, 500.

No.	Mfd.	Size—Ins.	Each
K2914	8	4 1/2 x 1 3/8	\$0.56
K2915	10	4 1/2 x 1 3/8	.62
K2923	12	4 1/2 x 1 3/8	.68
K2720	16	4 1/2 x 1 3/8	.79
K2721	18	4 1/2 x 1 3/8	.85
K2766	30	4 1/2 x 1 1/2	1.00

Upright Can Type Dry Electrolytics



The many features of these multiple section units include ease of fitting to any mounting hole, double screw nut contact, 450 volts working; 525 volts maximum surge. Furnished with mounting clamps. Low power factor.

Stock No.	Cap. Mfd.	Size—Ins. D—Ins. L	Your Cost
K3533	8-8	2 1/4 4 1/2	\$1.06
K2791	5-15	2 1/2 4 1/2	1.35
K3521	8-8-8	3 4 1/2	1.58
K3522	9-9-18	3 4 1/2	2.20

New! Silvered Micas

New exceptionally stable high "Q" micas. Better than most air condensers for stability in humid atmosphere. 700 V. wkg.



Standard Mica Condensers

Standard high quality molded postage stamp units. 600 volts working.



Cap. Mmfd.	Stock No.	Your Cost	Stock No.	Your Cost
.0001	K2757	\$0.15	K2769	9c
.0002	K2758	.15K	K2770	12c
.00025			K2771	12c
.0005	K2759	.1K	K2772	12c
.001	K2760	.21K	K2773	15c
.002	K2761	.24K	K2774	18c
.003	K2762	.29K	K2775	24c
.004	K2763	.32K	K2776	26c
.005	K2764	.35K	K2777	29c
.006			K2778	35c

Up-Right Can-Type Dry Electrolytics



Cased in substantial aluminum cans with mounting brackets. Continuous working voltage, 475; maximum surge voltage, 600. (*) Has four leads. (†) Has nut-bolt terminals. Impervious to heat and moisture.

Stock No.	Cap. Mfd.	Size—Ins. L—Ins. D	Your Cost
K2601	4	3 1/8 x 1	\$0.73
K2603	8	4 3/8 x 1 3/8	.88
K2607*	8-8	4 3/8 x 1 3/8	1.41
K2609†	8-8-8	4 3/8 x 2 1/2	2.35

Midget Round and Square Dry Electrolytics



Both are 2 1/2" long; average diameter of rounds 1". Will fit the smallest midget. Will withstand high heat. Perfectly sealed. Pigtail leads.

25 VOLTS WORKING			
Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K2644	K3538	5	29c
K2645	K3539	10	29c
K3232	K3540	25	38c
K2785	K2786	50	56c
K3230	K3541	10-10	44c
50 VOLTS WORKING			
K3231	K3542	10	38c
K3233	K3543	25	47c
K2787	K2788	50	70c

"Pinhead" Tiny Mikes 450 VOLTS WORKING

No.	Mfd.	Dimen.	Each
K3564	4	3/8 x 3/8 x 2 1/4	44c
K3565	8	3/8 x 1 1/8 x 2 1/4	56c
K3586	12	1 1/8 x 1 1/8 x 2 1/4	76c
K3587	16	1 1/4 x 1 1/8 x 2 1/4	85c
K3567*	8-8	1 1/8 x 1 1/2 x 2 1/4	88c

*Have 4 leads.

200 VOLTS WORKING			
Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3224	K3547	2	32c
K3225	K3548	4	38c
K3226	K3549	8	47c
K3300	K3503	16	61c
K3301	K3504	25	73c
K3228	K3550*	4-4	53c
K3227	K3551*	8-8	73c
K2678	K3505*	8-12	82c
K2679	K3506*	8-16	85c

"600" LINE Paper Tubulars



Non-inductively wound; 600 v. d. c. working.

Stock No.	Cap. Mfd.	Size—Ins. L D	Net Each
K2627	.0001	1 1/2 x 3/8	3/8
K2628	.00025	1 1/2 x 3/8	3/8
K2629	.0004	1 1/2 x 3/8	3/8
K2630	.0005	1 1/2 x 3/8	3/8
K2631	.001	1 1/2 x 3/8	3/8
K2632	.002	1 1/2 x 3/8	3/8
K2633	.003	1 x 3/8	3/8
K2634	.004	1 x 3/8	3/8
K2635	.005	1 x 3/8	3/8
K2636	.006	1 1/2 x 3/8	3/8
K2637	.01	1 1/2 x 3/8	3/8
K2638	.02	1 1/2 x 3/8	3/8
K2639	.05	1 1/2 x 3/8	3/8
K2640	.06	1 1/2 x 3/8	3/8
K2641	.1	1 1/2 x 3/8	3/8
K2642	.25	1 1/2 x 3/8	3/8
K2643	.5	1 1/2 x 3/8	3/8
K2681	1.0	2 1/2 x 1 1/8	3/8

9c Any Type
15c 21c 29c 47c

Metal-Cased Paper By-Pass Condensers



Indrawn metal case. 1200 v. test; 600 v. surge; 400 volts working. Heat and moisture-proof.

Stock No.	Cap. Mfd.	Dimen. Ins.	Each
K2619	0.1	1 3/8 x 1 1/8 x 1 1/2	38c
K2620	0.25	1 3/8 x 1 1/8 x 1 1/2	44c
K2621	0.5	2 x 3/4 x 1 1/2	56c
K2622	1.0	2 x 1 1/4 x 1	73c
K2623	-1-1	1 3/8 x 1 1/8 x 1 1/2	47c
K2624	-25-25	2 x 3/4 x 1 1/2	59c
K2625	-5-5	2 x 1 1/4 x 1	73c
K2626	-1-1-1	2 x 3/4 x 3/8	62c

Cased "Hang-Up" Paper Condensers

Oil impregnated and wax filled. Fully cased and sealed to prevent melting of wax. Impervious to moisture. Ideal for ham transmitters.



400 VOLTS WORKING			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2779	1	2 1/8 x 1 1/8 x 3/8	44c
K2780	2	2 1/8 x 1 1/8 x 3/8	67c
600 VOLTS WORKING			
K2781	1	2 1/8 x 1 1/8 x 3/8	53c
K2782	2	3 1/4 x 1 7/8 x 3/8	79c
1000 VOLTS WORKING			
K2783	1	4 1/4 x 1 7/8 x 1 1/4	88c
K2784	2	4 1/4 x 2 1/8 x 1 1/4	\$1.47

Paper Dielectric Units

To replace electrolytics. No polarity 600 volts. Actual capacity about 1/2 to 1/3 that in same size dry electrolytic can.

CAN TYPE (Right)			
Stock No.	Repl. Cap. Mfd.	Size—Ins. L D	Your Cost
K2752	4	4 3/8 x 1 3/8	\$0.79
K2753	8	4 3/8 x 1 3/8	1.03
K2754	8-8	4 3/8 x 1 3/8	1.65

CARDBOARD TYPE (Left)

Stock No.	Repl. Cap. Mfd.	Size—Ins. L W T	Your Cost
K2755	8	4 1/2 x 1 3/8 x 1 1/8	\$0.94
K2756	8-8	4 3/8 x 1 3/8 x 1 1/8	1.56

Trutest DRY FILTER & BY-PASS

FULLY GUARANTEED FOR 1 YEAR
For best results and for definite assurance of maximum Filter and By-pass action, use TRUTEST Dry Electrolytic Condensers. They are manufactured to the highest standards and easily conform with RMA standards. All TRUTEST

ELECTROLYTIC CONDENSERS

Dry Electrolytics are GUARANTEED to have a power factor of from 4% to 8%; leakage less than .1 Ma. per mfd.; all capacity ratings within a tolerance of 20% and 10%; not affected by humidity. Specify Trutest Condensers—Accept no Substitutes.

Special Compact Filters
For AC-DC Receivers
225 V. DC Peak
Full capacitance. In heavy cardboard case. With mtg. flange. Wax impregnated containers. Rated 200 working volts d.c. 2 1/2" long. Insulated leads.

Stock No.	Cap. Mfd.	Size	Your Cost
K3210	4	3/4 x 3/4"	23c
K3212	8	3/4 x 3/4"	29c
K3213	10	3/4 x 3/4"	32c
K3214	12	3/4 x 3/4"	34c
K3215	16	1 1/16 x 1 1/16"	38c
K3216	20	1 x 1"	43c
K3217	25	1 1/16 x 1 1/16"	45c

Small Dry Electrolytics 525 Volt Surge

450 working volts d.c. Heavy cardboard case. Wax impregnated containers. Insulated leads. 2 1/2" long.

Stock No.	Cap. Mfd.	W.	Size T.	Your Cost
K3219	2	3/8 x 3/8"		23c
K3220	4	3/8 x 3/8"		27c
K3222	8	3/8 x 3/8"		34c
K3302	12	1 1/8 x 1 1/8"		47c
K3218	8-8	1 1/8 x 1 1/8"		54c
K3303	8-8-8	1 1/8 x 1 1/8"		80c

Special "600" V. Surge Dry Electrolytics

600 v. peak, d.c. 475 volts d.c. working. Sealed and impregnated. Long insulated leads. With flanges.

Stock No.	Cap. Mfd.	Size	Your Cost
K3206	2	2 1/2 x 1 1/2 x 1 1/2"	34c
K3207	4	2 1/2 x 1 1/2 x 1 1/2"	41c
K3209	8	2 1/2 x 1 1/2 x 1 1/2"	56c

Shielded Paper By-Pass

Universal mounting types. Hermetically sealed in drawn aluminum shield cans.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3260	.1	200	13c
K3261	.25	200	17c
K3262	.5	200	22c
K3263	1.0	200	30c
K3264	2.0	200	49c
K3269	.1	400	15c
K3270	.25	400	19c
K3271	.5	400	22c

10% Discount, Lots of 10.

VIBRATOR CONDENSER

Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/2 x 1 1/2 x 1 1/2" with the exception of K3246, which is 7/8 x 1 1/2 x 3/4".

Stock No.	Cap. Mfd.	Stock No.	Cap. Mfd.
K3240*	.007	K3241*	.01
K3242*	.02	K3243	.007
K3244	.01	K3245	.02
K3246*	.007		

Your Cost, Any Type... **22c**

10 ass't'd \$2.05

*Have two leads—others, one.

5% Discount in lots of 10



The new Mites are smaller than the common safety match pack.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K757	10	25	5/8 x 1 1/8"	18c
K758	25	25	5/8 x 1 1/8"	22c
K759	25	50	1 1/8 x 1 1/8"	24c
K760	4	150	5/8 x 1 1/8"	18c
K761	8	150	5/8 x 1 1/8"	20c
K762	12	150	5/8 x 1 1/8"	21c
K763	16	150	1 1/8 x 1 1/8"	24c
K764	20	150	3/4 x 1 1/8"	25c
K765	40	150	1 1/8 x 1 1/8"	29c
K766	4	450	1 1/8 x 1 1/8"	24c

Trutest "MITES"

New, ultra compact units that fill a long felt need in the radio industry. Especially well suited for a.c.-d.c. midgets and wherever space is limited. Self-supporting, provided with stiff wire leads. All in aluminum cans with cardboard outer sleeve. Accurately and conservatively rated; will give long trouble-free service.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K767	8	450	1 1/8 x 1 1/8"	26c
K768	12	450	1 1/8 x 1 1/8"	33c
K788	16	450	1 1/8 x 2 1/8"	39c
K789	20	450	1 1/8 x 2 1/8"	44c
K790	10-10	50	5/8 x 2 1/8"	29c
K791	12-12	200	1 1/8 x 2 1/8"	41c
K792	8-16	200	1 1/8 x 2 1/8"	41c
K793	16-16	200	1 1/8 x 2 1/8"	45c
K794	8-8	450	1 1/8 x 2 1/8"	44c

5% Discount in lots of 10.

Inverted Type Wet Electrolytics

All tubular metal containers—can is negative. Excellent power factor, and long life. Self-healing, able to withstand voltage overloads without harm. 500 v. peak. Supplied with pat nut. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Size In.	Your Cost
K491	4	1 x 3 1/2"	35c
K492	8	1 1/2 x 3 1/2"	38c
K493	10	1 3/4 x 3 1/2"	42c
K494	12	1 7/8 x 3 1/2"	45c
K495*	8	1 1/2 x 4 1/2"	53c

*600 volts peak.

Inverted Can Dry Electrolytics

For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 3/4" stud. Can is insulated from condenser sections. Rated at 450 volts d.c. working and 525 volts surge. With 6" insulated leads. With mounting nut. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Diam.	Ht.	Each
K3323	4	1 3/8"	4 7/8"	31c
K3324	8	1 3/8"	4 7/8"	38c
K3328	10	1 3/8"	4 7/8"	45c
K3329	12	1 3/8"	4 7/8"	50c
K3398	8-8	1 3/8"	4 7/8"	58c

Tubular Cardboard Replacement Units

Universal replacement dry electrolytics provided with spade lugs for mounting. Bright finish fibro-board tubes. All are 1 1/2" in diameter and 1 1/2" high. Spade mounting bolts. Long color coded insulated leads. Ideal for replacement in midget radios.

Stock No.	Cap. Mfd.	Peak Volts	Your Cost
K3369	8-8	500	54c
K3370	8-16	500	68c
K3371	12-16	225	57c
K3372	14- 8x10-10	200x35	76c
K3373	16- 8x10-10	200x35	77c
K3374	16-12x10-10	200x35	79c

Stock No.	Cap. Mfd.	Peak Volts	Your Cost
K3369	8-8	500	54c
K3370	8-16	500	68c
K3371	12-16	225	57c
K3372	14- 8x10-10	200x35	76c
K3373	16- 8x10-10	200x35	77c
K3374	16-12x10-10	200x35	79c

TRUTEST MIDGET PAPER CARTRIDGE CONDENSERS

Ideal for A.C.-D.C. sets or wherever space is a factor. Highest quality at lowest prices. Finest metal foil and linen paper. Hermetically sealed and impregnated. Supplied in a wide variety of capacities and working voltages to meet practically every service requirement. All provided with long tinned wire leads; units can be made self-supporting.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3173	.01	200	6c	K3185	.002	600	6c
K3175	.05	200	7c	K3186	.006	600	6c
K3176	.1	200	7c	K3187	.01	600	6c
K3177	.25	200	13c	K3188	.02	600	6c
K3178	.5	200	13c	K3189	.05	600	8c
K3179	.01	400	6c	K3190	.1	600	9c
K3180	.02	400	6c	K3191	.25	600	12c
K3181	.05	400	7c	K3199	.5	600	19c
K3182	.1	400	8c	K3192	.05-05	200	12c
K3183	.25	400	10c	K3193	-1-1	200	14c
K3174	.5	400	14c	K3194	25-25	200	16c
K3172	1.0	400	20c	K3195	.05-05	400	14c
K3184	.001	600	6c	K3196	-1-1	400	14c

Deduct 10% when ordering in lots of 10 (may be assorted).

Dry Electrolytic Filter Condensers

In heavy cardboard containers, with heavy wax impregnation. 525 volt surge, 450 v. d.c. working voltage. Equipped with 6" leads and mtg. flanges. Perfectly sealed; moisture proof.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
K3351	2	2 1/2 x 1 1/2 x 1 1/2"	23c
K3346	4	4 1/8 x 1 3/4 x 3/4"	27c
K3347	6	4 3/8 x 1 1/2 x 1 1/2"	32c
K3348	8	4 3/8 x 1 3/4 x 1 1/2"	34c
K3349	10	4 3/8 x 1 3/4 x 1 1/2"	41c
K3350	12	4 3/8 x 1 3/4 x 1 1/2"	47c
K3352	16	4 3/8 x 1 3/4 x 1 1/2"	52c

Multiple Units

All 525-volt surge, 450 working, and 4 1/2" high. Heavy cardboard containers; wax impregnated. Long insulated leads.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
K3337*	4-4	1 3/8 x 1"	43c
K3339*	4-8	1 3/8 x 1 3/8"	49c
K3342*	8-8	1 3/8 x 1 3/8"	54c
K3366*	8-8-8	2 x 1 1/2"	80c

* Separate sections.

Dry Electrolytic Cartridge Condensers

In waxed cardboard containers with metal ends and 2" wire leads. Hermetically sealed in heavy fibre cylinders.

In lots of 10, deduct 10%.

Stock No.	Cap. Mfd.	Wkg. Volts	Surge Volts	Your Cost
K3380	5	25	40	16c
K3381	10	25	40	16c
K3382	25	25	40	28c
K3383	50	25	40	35c
K3396	5-5	25	40	25c
K3384	5	50	75	20c
K3395	10	50	75	22c
K3297	25	50	75	28c
K3387	5	100	150	20c
K3388	10	100	150	24c
K3392	2	150	200	20c
K3393	4	150	200	20c
K3394	8	150	200	25c
K3395	4-4	150	200	32c
K3389	1	200	250	18c
K3390	2	200	250	19c
K3391	4	200	250	25c
K3291	1	450	525	20c
K3292	2	450	525	24c
K3293	4	450	525	29c
K3256	8	450	525	33c
K3255	10-10	35	50	28c

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 and nut type terminals.

Stock No.	Cap. Mfd.	Diam. Inches	Your Cost
K3316	8-8	2 1/2"	\$0.65
K3317	5-15	2 1/2"	0.83
K3318	8-18	3"	0.97
K3320	9-9-18	3"	1.35
K3319	8-8-8-8	3"	1.30
K3321	8-8-18-18	3"	1.89

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. Internal metal shield.

250 V. wkg. have 300 V. peak; 450 V. wkg. have 525 V. peak.

Type CS—Single Sections					
No.	Mfd.	Volts	Size	Each	Your Cost
K3856	8	250	5/8 x 1 1/2 x 2 1/4"		\$0.47
K3858	12	250	5/8 x 1 1/2 x 2 1/4"		.59
K3860	16	250	1 1/8 x 1 1/2 x 2 1/4"		.65
K3861	2	450	5/8 x 1 1/2 x 2 1/4"		.38
K3862	4	450	5/8 x 1 1/2 x 2 1/4"		.44
K3864	8	450	5/8 x 1 1/2 x 2 1/4"		.56
K3866	12	450	1 1/8 x 1 1/2 x 2 1/4"		.76
K3854	16	450	1 1/8 x 1 1/2 x 2 1/4"		.85

Type CN—Common Negative					
No.	Mfd.	Volts	Size	Each	Your Cost
K3876	8-8	250	5/8 x 1 1/2 x 2 1/4"		.76
K3881	8-8	450	5/8 x 1 1/2 x 2 1/4"		.88

Type CM—Separate Sections					
No.	Mfd.	Volts	Size	Each	Your Cost
K3883	4-4	250	5/8 x 1 1/2 x 2 1/4"		.53
K3885	8-8	250	5/8 x 1 1/2 x 2 1/4"		.76
K3996	16-16	250	1 1/8 x 1 1/2 x 2 1/4"		1.06
K3886	8-8-8	250	1 1/8 x 1 1/2 x 3"		1.15
K3887	4-4	450	5/8 x 1 1/2 x 2 1/4"		.71
K3888	4-8	450	5/8 x 1 1/2 x 2 1/4"		.79
K3889	8-8	450	1 1/8 x 1 1/2 x 2 1/4"		.88
K3890	8-8-8	450	1 1/8 x 1 1/2 x 3"		1.29

Inverted Can Type Dry Electrolytics



Compact filters in round cans. With 8" color coded leads. Painted and flat washer furnished.

Type RS—Single Sections					
Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost	
K4033	50	25	2 1/2 x 1		\$0.62
K3917	8	250	2 1/2 x 1		.56
K3918	12	250	2 1/2 x 1		.56
K4031	30	250	3 1/2 x 1		.88
K4034	50	250	3 1/2 x 1 1/2		1.62

Type RN—Common Negative					
Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost	
K3923	8-8	250	3 x 1		.85
K3925	4-8	450	3 x 1		.85
K3926	8-8	450	3 1/2 x 1 1/2		.94

Type RM—Separate Sections					
Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost	
K3929	8-8	250	3 1/2 x 1 1/2		.85
K3930	8-8-8	250	3 1/2 x 1 1/2		1.23
K3931	8-8-16	250	3 1/2 x 1 1/2		1.38
K3932	8-16-16	250	3 1/2 x 1 1/2		1.53

Wet Electrolytics					
No.	Mfd.	Peak V.	Size, In.	Each	Your Cost
K4098	8	250	1 x 3 1/2		\$0.47
K4099	16	250	1 x 3 1/2		.53
K4100*	18	300	1 1/2 x 3 1/2		.68
K4101*	40	300	1 1/2 x 4 1/2		.79
K4102*	18	350	1 1/2 x 4 1/2		.73
K4103*	30	350	1 1/2 x 4 1/2		.94

Wet Electrolytics

Non-forming containers and efficient vents are standard on all types. Can is negative.

No.	Mfd.	Peak V.	Size, In.	Each	Your Cost
K4104	4	500	1 x 3 1/2		.47
K4105	8	500	1 x 3 1/2		.56
K4106	8	500	1 1/2 x 3 1/2		.56
K4107	12	500	1 1/2 x 4 1/2		.68
K4108	16	500	1 1/2 x 4 1/2		.79
K4109	20	500	1 1/2 x 4 1/2		.88
K4110	30	500	1 1/2 x 4 1/2		1.00
K4111	40	500	1 1/2 x 4 1/2		1.12

No.	Mfd.	Peak V.	Size, In.	Each	Your Cost
K4112	4	600	1 1/2 x 4 1/2		.76
K4113	8	600	1 1/2 x 4 1/2		.88
K4114	16	600	1 1/2 x 4 1/2		1.18

*—Self-Regulating Type

"BB" Ultra-Compact Tubular Dry Electrolytics



Ideal for use where space is limited. All are full rated capacity, have low power factor and leakage. Maximum voltage protection. Hermetically sealed in tubular metal vented containers with cardboard outer tube. Made with famous FABRICATED PLATE. All 1 1/8" long.

Stock No.	Cap. Mfd.	Wkg. Volts.	Diam. In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts.	Diam. In.	Your Cost
K848	10	25	1 1/8"	\$0.24	K989	8	250	1 1/8"	\$0.29
K875	25	25	1 1/8"	.29	K990	12	250	1 1/8"	.38
K876	50	25	1 1/8"	.35	K991	16	250	1 1/8"	.44
K986	5	50	1 1/8"	.24	K883	4	350	1 1/8"	.29
K987	10	50	1 1/8"	.26	K884	8	350	1 1/8"	.32
K877	4	150	1 1/8"	.24	K885	12	350	1 1/8"	.41
K878	8	150	1 1/8"	.26	K886	16	350	1 1/8"	.47
K879	12	150	1 1/8"	.29	K887	4	450	1 1/8"	.32
K880	16	150	1 1/8"	.32	K888	8	450	1 1/8"	.35
K881	20	150	1 1/8"	.35	K889	10	450	1 1/8"	.41
K882	30	150	1 1/8"	.38	K992	12	450	1 1/8"	.44
K988	40	150	1 1/8"	.41	K993	16	450	1 1/8"	.53

Universal Replacement Dry Electrolytics

Types HS and HD designed for use where high voltages are employed (P. A. amplifiers, transmitters, etc.). Types SR and UR replace standard electrolytic condenser blocks.



No.	Type	Cap. Mfd.	Wkg. Volts	Container	Size In.	Each
K3956	UR180	8-8	250-350	Carton	1 1/2 x 1 1/2 x 2 1/4"	\$0.76
K3957	UR181	3-2-1-1	450	Round Can	1 1/2 x 2"	1.23
K3958	UR182	5-25-10	150	Carton	1 1/2 x 1 1/2 x 2 1/4"	.94
K3959	UR183	4-4-4	150	Carton	5/8 x 1 1/2 x 2 1/4"	.79
K4019	UR188	8-8-8, 5-5	200, 25	Card. Tube	1 1/2 x 3 1/2"	1.47
K4020	UR189	8-8-8, 5-5	200, 25	Carton	1 1/2 x 1 1/2 x 3"	1.47
K4068	UR190	8-8-8-8	250	Carton	1 1/2 x 1 1/2 x 3"	1.53
K4069	UR192	20-20	150	Carton	1 1/2 x 1 1/2 x 2 1/4"	.97
K4070	UR193	5-8-16	150	Carton	1 x 1 1/2 x 2 1/2"	1.06
K4071	UR194	16-12	200	Card. Tube	1 1/2 x 3 1/2"	.91
K4072	SR601	8-12	300	Carton	1 1/2 x 1 1/2 x 2 1/4"	.91
K4090	SR603	8-30	300-30	Tube	1 1/2 x 4 1/2"	.79
K4075	SR605	8-8	350	Round Can	1 1/2 x 3 1/2"	.91
K4076	SR606	6-6	350	Carton	1 1/2 x 1 1/2 x 2 1/4"	.79
K4077	SR607	6-4-6	300-300-12	Carton	1 1/2 x 1 1/2 x 2 1/4"	.91
K4079	SR609	8-8-25	400-400-25	Round Can	1 1/2 x 2 1/2"	1.23
K4080	SR610	8-8-25	400-400-25	Carton	1 1/2 x 1 1/2 x 2 1/4"	1.12
K4081	SR611	8-8-25	300-300-25	Carton	2 x 2 x 2 1/2"	1.09
K4082	SR612	8-8, 16-16	350, 100	Round Can	1 1/2 x 4 1/2"	1.71
K4091	SR617	16-16-10	150-150-25	Round Can	1 1/2 x 2 1/2"	1.15
K4086	SR619	5-5	35	Carton	3/4 x 3 1/2 x 1 1/2"	.44
K4092	SR621	8-16, 5-5	200-50	Tube	1 1/2 x 2 1/2"	1.26
K4093	SR624	4-4, 10, 4	300-150-25	Carton	1 1/2 x 1 1/2 x 3 1/2"	1.21
K4094	SR640	16-8, 10-10	450-25	Tube	1 1/2 x 4"	1.71

HEAVY DUTY (HD) AND HIGH SURGE (HS) TYPES						
No.	Type	Cap. Mfd.	Wkg. Volts	Container	Size In.	Each
K4053	HD682	8	500 (550 P.)	Carton	1 1/2 x 1 1/2 x 2 1/4"	.88
K4054	HD683	8	500 (550 P.)	Round Can	1 x 3 1/2"	1.03
K4095	HD684	8	450 (525 P.)	Round Can	3 1/2 x 1 1/2"	.62
K4096	HD685	8	450 (525 P.)	Round Can	4 1/2 x 1 1/2"	.62
K4097	HD686	8-8	450 (525 P.)	Round Can	4 1/2 x 1 1/2"	.97
K4055	HS980	4	600 (700 P.)	Carton	3 1/2 x 1 1/2 x 3"	1.03
K4057	HS982	8	600 (700 P.)	Carton	1 1/2 x 1 1/2 x 3"	1.44
K4058	HS983	8	600 (700 P.)	Round Can	1 1/2 x 4 1/2"	1.53

Type FP "Fabricated Plate" Metal Cased Dry Electrolytics



New, exclusive Mallory development—now being used extensively by the large radio set manufacturers. Features: compact size; round aluminum cans with lug terminals (coded); improved power factor for better filtering; long-life; new, improved sealing prevents deterioration due to heat or humidity—yet condenser will vent under overload.

Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost
K3655	30	150	2 1/2 x 1 1/2	\$0.44	K3666	30, 20-20	150-25	2 x 1	\$0.97
K3656	20	250	2 1/2 x 1 1/2	.59	K3667	15, 15-20	250-25	2 x 1	1.18
K3657	15	300	2 1/2 x 1 1/2	.56	K3668	10, 10-20	450-350-25	2 x 1	1.12
K3658	10	450	2 1/2 x 1 1/2	.50	K3669	20-20-20	150	2 x 1	1.06
K3659	15	450	2 x 1	.62	K3670	10-10-10	450	3 x 1	1.23
K3660	20	450	2 x 1	.73	K3671	40, 40, 150	25	2 1/2 x 1 1/2	1.50
K3661	20-20	150	2 x 1	.71		30-20	25		
K3662	30-30	150	2 x 1	.79	K3672	20-15, 450-350-	25	3 x 1 1/2	1.88
K3663	20-20	250	2 x 1	1.00		15-20	25		
K3664	10-10	450	2 x 1	.76	K3673	10, 10, 450-	25	2 x 1 1/2	1.53
K3665	20-20	450	3 x 1	1.29		10-20	25		

Mounting Plates For Above Condensers

For	Type	Material	Any Type
For 3/4" dia. cans	K3674	Bakelite	3c ea.
For 1" dia. cans	K3675	Bakelite	
For 1 1/8" dia. cans	K3676	Bakelite	
	K3677	Metal	
	K3678	Metal	
	K3679	Metal	

Compact Tubular Cardboard Dry Electrolytics



Ultra compact units ideal for use in midge A.C.-D.C. sets. Type A has insulated leads at one end and Type B has insulated leads both ends and an adjustable mounting strap; Type C has bare wire leads both ends.

Single Units—Fig. A						
Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost		
K4115	8	250	3/4 x 2 1/2"	\$0.29		
K4116	16	250	1 x 2 1/2"	.44		
K4117	8	350	1 1/4 x 2 1/2"	.32		
K4118	12	350	1 1/4 x 2 1/2"	.41		
K4119	8	450	1 1/4 x 2 1/2"	.35		
K4120	12	450	1 x 2 3/4"	.44		
K4121	16	450	1 x 2 3/4"	.53		

Duals, Common Neg.—Fig. C						
Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost		
K3945	10-10	25	5/8 x 1 1/2"	.41		
K3947	10-10	50	5/8 x 1 1/2"	.47		

Duals, Common Neg.—Fig. B						
Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost		
K4122	4-4	150	1 1/2 x 1 1/2"	.41		
K4123	8-8	150	1 1/2 x 2 1/2"	.47		
K4124	16-16	150	1 1/2 x 2 1/2"	.50		
K4125	16-16	150	1 1/2 x 2 1/2"	.56		
K4126	20-10	150	1 1/2 x 2 1/2"	.62		
K4127	20-20	150	1 1/2 x 2 1/2"	.56		

Duals, Common Neg.—Fig. A						
Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost		
K4128	8-8	250	1 x 2 1/2"	.50		
K4129	8-8	350	1 1/4 x 3 1/2"	.56		
K4130	8-8	450	1 x 3 1/2"	.62		

Duals, Common Pos.—Fig. B						
Stock No.	Cap. Mfd.	Wkg. Volts.	Size In.	Your Cost		
K4131	8-8	150	1 1/2 x 2 1/2"	.59		
K41						

IRC RESISTORS IRC

WIRE-WOUND POWER RESISTORS



Tolerance 5%

Machine wound on non-hygroscopic cores; protective coating of special cement. Moisture proof.

Ohms	Ohms	Ohms	Ohms
1	500*	4000*	15000*
5	750*	4500*	20000*
10	1000*	5000*	25000*
25	1250*	6000*	30000*
50	1500*	7000*	35000*
75	2000*	4000*	40000*
100*	2250*	7500*	50000*
150	2500*	10000*	60000*
200	3000*	12000*	75000*
250*	3500*	12500*	100000*

Type "AB" 10-Watt Rating 30,000 ohms and over are 5 watts. 1 3/4" long, 3/8" diam. Range up to 50,000 ohms (see list).
K5210—Your Cost Each 24¢

Type "DG" 20-Watt Rating 60,000 ohms and over are 10 watts. 2" long, 1/2" diam. Range up to 100,000 ohms (see list).

No.	From	To	Each
K5211	1	15,000	38¢
K5212	20,000	50,000	44¢
K5290	60,000	100,000	59¢

Type "EP" 50-Watt Rating (Max.) 4 3/4" long, 3/4" diam. Range up to 100,000 ohms (see list).

No.	From	To	Each
K5248	5	5,000	65¢
K5249	6,000	25,000	73¢
K5254	30,000	100,000	85¢

Type "HA" 100-Watt Rating (Max.) 6 1/2" long, 1 1/8" diam. Range up to 100,000 ohms. Only in sizes marked with asterisk (see list).

No.	From	To	Each
K5260	100	5,000	\$0.88
K5261	7,500	25,000	1.03
K5234	50,000 ohms	1.18	
K5235	75,000 ohms	1.32	
K5236	100,000 ohms	1.47	

Type "HO" 200-Watt Rating (Max.) 10 1/2" long, 1 1/2" diam. Range up to 100,000 ohms. Only in sizes marked with (+); see list.

No.	From	To	Each
K5237	100	10,000	\$1.47
K5238	15,000	100,000	1.76

WIRE-WOUND INSULATED UNITS In 1/2, 1 and 2-Watt Sizes



Similar in appearance to the BT-1 above, but contains a wire-wound element completely encased in molded compound. Tolerance ± 10%.

Specify Resistance Desired			
Ohms	Ohms	Ohms	Ohms
1	30	400	1250
2	50	450	1500
3	100	500	2000
5	150	600	2250
10	200	750	2500
15	250	800	3000
20	300	1000	4000
25	350	.....	5000

K5298—Type BW-1/2. 1/2 watt. Available in above sizes from 1 to 750 ohms. 5/8x3/8".
Your Cost Each 10¢
 K5259—Type BW-1. 1 watt. Available in above sizes from 1 to 5000 ohms. 1 1/4x1/2".
Your Cost Each 12¢
 K5299—Type BW-2. 2 watts. Available in above sizes from 1 to 5000 ohms. 1 3/4" long by 1/2" in diam.
Your Cost Each 18¢



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 ± 10%.

Specify Resistance Desired When Ordering							Megs.
Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	
50	450	2000	7000	15000	50000	200000	1.0
100	500	2250	7500	17500	60000	250000	1.5
150	600	2500	3000	20000	65000	300000	2.0
200	750	3000	9000	22500	70000	400000	3.0
250	800	3500	10000	25000	75000	500000	4.0
300	1000	4000	11000	30000	100000	600000	5.0
350	1250	5000	12000	35000	125000	750000	6.0
400	1500	6000	12500	40000	150000	.....	10.0
.....	.....	.....	.....	.....	.....	.....	20.0

Actual Sizes
 1/2-Watt—BT-1/2 1 1/4x3/8". All sizes. **K5206—Your Cost Each 10¢**
 1-Watt—BT-1 1 1/2x3/4". 150 ohms up. **K5207—Your Cost Each 12¢**
 2-Watt—BT-2 1 3/4x1/2". 200 ohms up. **K5263—Your Cost Each 18¢**
 1/2-Watt—F-1/2 1 1/2x3/8". 50 ohms to 20 megohms. **K5250—Your Cost Each 10¢**
 1-Watt—F-1 1 1/2x3/4". 100 ohms up. **K5251—Your Cost Each 12¢**
 2-Watt—F-2 1 3/4x1/2". 50 ohms to 20 megohms. **K5252—Your Cost Each 18¢**

FUSED RESISTANCE ANALYZER

New continuously variable calibrated indicator. Range: 0 to 1 megohm. Direct reading on etched scale. Attractive Bakelite case. Reads 0-30,000 ohms on wire-wound rheostat element, continues to 1 meg. on metallized element. 4 leads with alligator clips. Mounting flange.
K5273—Shpg. wt. 3 lbs. Your Cost \$4.85 Range 0-1 Meg.



WIRE-WOUND VARIABLE RESISTORS



IRC wire wound variable resistors have received universal acceptance by servicemen everywhere. They dissipate heat rapidly, are built to withstand heavy overloads and have great mechanical strength. The slider feature makes them invaluable—by moving the metal contact band practically any desired range within value of the unit can be obtained. Mounting brackets with all except 10 watt units.

Check this list with information given with each unit. Specify resistance desired.

Ohms	Ohms	Ohms	Ohms
5	250	2500	15000
10	500	3000	20000
25	750	3500	25000
50	1000	4000	40000
100	1250	5000	50000
150	1500	7500	75000
200	2000	10000	100000

Type ABA—10 Watts 1 3/4x3/8". Range up to 10,000 ohms. (See list above).
K5262—Your Cost Each 35¢
K5213—Extra slider for above. Your Cost Each 6¢

Type DHA—25 Watts 2 1/2x3/8". Range up to 25,000 ohms. (See list above).

No.	From	To	Each
K5274	5	5,000	50¢
K5275	7,500	15,000	56¢
K5276	20,000	25,000	65¢

K5214—Extra slider for above. Your Cost Each 6¢

Type EPA—50 Watts 4 1/2x3/8". Available in sizes up to 100,000 ohms. See list above. Each unit is furnished complete with mounting brackets and one slider.

No.	From	To	Each
K5286	5	5,000	\$0.79
K5287	7,500	25,000	.88
K5288	40,000	50,000	1.00
K5289	75,000	100,000	1.18

Type ESA—80 Watts 6 1/2x3/8". Available in all sizes as listed at left. Each unit is furnished complete with mounting brackets and one slider.

No.	From	To	Each
K5196	5	5,000	\$1.03
K5197	7,500	25,000	1.18
K5198	40,000	50,000	1.32
K5199	75,000	100,000	1.47

Type HAA—100 Watts 6 1/2x1 1/8". Available in the following resistances.

Ohms	Ohms	Ohms	Ohms
100	2500*	10000*	50000*
500*	5000*	15000	75000*
1000*	7500	25000*	100000*

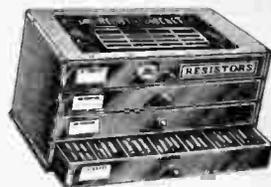
No.	From	To	Each
K5266	100	5,000	\$1.18
K5267	7,500	25,000	1.32
K5268	50,000	100,000	1.47
K5269	75,000	100,000	1.62

Type HOA—200 Watts 10 1/2x1 1/8". In sizes marked by asterisk in list above.

No.	From	To	Each
K5270	500	10,000	\$1.76
K5271	25,000	100,000	2.06

Extra Sliders
 Slider to fit both 50 and 80-watt resistors.
K5215—Your Cost Each 6¢
 Slider to fit both 100 and 200 watt resistors.
K5216—Your Cost Each 9¢

Resisto-Cabinet



Given FREE with any of the following resistor kits. Steel, four drawer (7 compartments in each), cabinets 11x5 1/2x5 1/2".

Kit No. 1
 8 type BT-1/2 half watt resistors, 37 type BT-1 one watt resistors, 10-type AB 10 watt fixed resistors, 4-type ABA 10 watt adjustable resistors. Total 59 resistors having a list value of \$15.16 Cabinet FREE. Shpg. wt. 7 lbs.

K5281—Your Cost, Complete \$8.91

Kit No. 2
 This kit includes 100 type BT-1/2 half watt resistors in the most used sizes. Cabinet FREE. List value of resistors \$17.00.

K5280—Your Cost, Complete \$9.80

Kit No. 3
 Includes 83 BT-1 one watt resistors plus FREE cabinet.
K5282—List Value \$16.60. Your Cost, Complete \$9.76



Precision Wire Wound Resistors



WW-1—2 1/2x3/8" WW-2—2 1/8x3/8"

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 tinned lug terminals.

Type WW-4				
Stock No.	Res. Ohms	Your Cost	Stock No. Ohms Cost	
K5125	200	50¢	K5136	3000
K5126	300	50¢	K5138	4000
K5124	500	53¢	K5139	5000
K5127	1000	59¢	K5140	6000
K5128	2500	65¢	K5141	7500
K5129	5000	79¢	K5142	10000
K5130	7500	85¢	K5099	15000
K5131	10000	91¢	K5100	20000
K5132	12500	97¢	K5101	25000
K5133	15000	1.03	K5102	30000
K5134	20000	1.09	K5122	40000
K5135	25000	1.15	K5123	50000

Type WW-1				
Stock No.	Res. Ohms	Your Cost	Stock No. Ohms Cost	
K5150	1	68¢	K5148	15000
K5154	5	74¢	K5171	20000
K5159	10	80¢	K5149	22500
K5160	25	86¢	K5172	25000
K5161	50	92¢	K5173	30000
K5162	100	98¢	K5176	50000
K5164	200	1.04	K5177	60000
K5165	500	1.10	K5178	75000
K5204	400	1.16	K5179	100000
K5166	1000	1.22	K5181	150000
K5167	2500	1.28	K5182	175000
K5168	5000	1.34	K5183	200000
K5169	10000	1.40	K5184	225000
K5170	25000	1.46	K5185	250000
K5171	50000	1.52	K5190	275000
K5172	75000	1.58	K5186	300000
K5173	100000	1.64	K5187	400000
K5174	150000	1.70	K5188	500000
K5175	200000	1.76		

Type WW-2
 K5193 750,000 2.65 K5202 1 1/2 Meg. 4.41
 K5194 1 Meg. 3.09 K5115 2 Meg. 5.88

Truest Vitreous Enamel RESISTORS

Truest 5 and 10 Watt Resistors Wire Wound



Tolerance Within 2%

These Truest resistors are wound with genuine nichrome wire on fine ceramic tubes. Guaranteed accuracy 2%; most are within 1% of their rated value. **When ordering, specify size desired.**

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
5	50	250	800	1500	2750	8000	20000
10	75	400	900	1750	3000	9000	22500
15	100	500	1000	2000	4000	10000	25000*
20	150	600	1100	2250	5000	12500	30000*
25	200	750	1250	2500	6000	15000	40000*
					7000	17500	50000*

* Available in 10-watt size only.

K4438—TRUDEST 5-Watt Resistors

Your Cost Each, Any Size **16¢**

In Lots of 10, **Your Cost** **\$1.55**

K4439—TRUDEST 10-Watt Resistors

Your Cost Each, Any Size **20¢**

In Lots of 10, **Your Cost** **\$1.80**

SPRAGUE "Koolohm" Resistors



FIXED NON-INDUCTIVE

ADJUSTABLE TYPE

Sprague KOOLOHM resistors employ a new, completely insulated resistance wire. Insulation of wire has high dielectric strength, withstands red heat, is impervious to moisture, and conducts heat rapidly. This insulated wire permits new methods of winding which allow very high resistance values in small space with larger diameter wire. Units are encased in tubular ceramic shells which allow resistor to be mounted in contact with the chassis or other metal parts. A red "Teledot" at one end of the resistor acts as an overload indicator, turning brown at 25% or more overload and resuming its red color when the overload is removed. Accuracy guaranteed plus or minus 5%. All resistance values safely dissipate full wattage rating! Non-inductive types show zero inductance up to 50 mc, and distributed capacitance is only 2 mmfd. All have pigtails.

Standard Fixed Type

Ohms	Ohms	Ohms	Ohms
10	250	2,000	20,000
20	300	3,000	25,000
25	400	5,000	30,000
30	500	7,500	40,000
50	750*	10,000	50,000*
75	1,000	12,000*	60,000*
100	1,250	12,500†	70,000*
150	1,500	15,000	
200	2,000	17,500*	

† In 5 watt size only.

* In 10 watt size only.

5 Watts, 1 1/4 x 3/8"

No.	Ohms	Each
K7513	10 to 5,000	18c
K7514	7,500 to 10,000	21c
K7515	12,500 to 15,000	24c
K7516	20,000	27c
K7517	25,000	29c
K7518	30,000	35c
K7519	40,000	44c

10 Watts, 1 3/4 x 3/8"

No.	Ohms	Each
K7520	10 to 15,000	24c
K7521	17,500 & 20,000	29c
K7522	25,000	32c
K7523	30,000	35c
K7524	40,000	44c
K7525	50,000	53c
K7526	60,000	65c
K7527	70,000	71c

Standard Adjustable 10 Watt 1 3/4 x 3/8"

Similar to standard fixed type but with adjustable clip.

Ohms	Ohms	Ohms	Ohms
10	200	750	3000
25	250	1000	4000
50	300	1500	5000
100	400	2000	7500
150	500	2500	10,000

K7534—Any above

Your Cost Each **35¢**

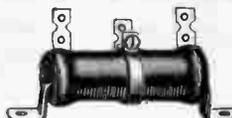
Non-Inductive Fixed 10 Watt 1 3/4 x 3/8"

Ohms	Ohms	Ohms	Ohms
10	70	500	2500
20	80	750	3000
30	90	1000	3500
40	100	1250	4000
50	250	1500	5000
60	400	2000	7500

Stock No.	Ohms	Each
K7528	10 to 1000	29c
K3999	1250 to 2000	32c
K7530	2500 to 4000	35c
K7531	5000	41c
K7532	7500	44c
K7533	10 000	59c

Truest Semi-Variable Wire Wound Resistors

Set sliders to desired point for a made-to-order voltage divider. Adjustable lugs have small contact buttons so that several taps be used without shorting out much resistance. Each unit equipped with one sliding contact and brackets. **Vitreous enamel coating.**



25 Watts (2x 5/8")			50 Watts (4x 5/8")			80 Watts (6x 5/8")		
Stock No.	Resist. Ohms	Your Cost	Stock No.	Resist. Ohms	Your Cost	Stock No.	Resist. Ohms	Your Cost
K20740	1		K20770	100		K20800	100	
K20741	2		K20771	200		K20801	200	
K20742	3		K20772	300		K20802	300	
K20743	5		K20773	400		K20803	400	
K20744	10		K20774	500		K20804	500	
K20745	20		K20775	800		K20805	750	
K20746	50		K20776	1000	66¢	K20806	1000	85¢
K20747	100		K20777	1500		K20807	1500	
K20748	200		K20778	2000		K20808	2000	
K20750	500	42¢	K20779	2500		K20809	2500	
K20751	750		K20780	3000		K20810	3000	
K20752	800		K20781	4000		K20811	4000	
K20753	1000		K20782	5000		K20812	5000	
K20754	1500							
K20755	2000		K20783	6000		K20813	6000	
K20757	2500		K20784	7000		K20814	7000	
K20759	4000		K20785	8000		K20815	7500	
K20760	5000		K20786	9000		K20816	10000	98¢
			K20787	10000		K20817	15000	
K20761	6000		K20788	12000		K20818	20000	
K20762	7000		K20789	15000		K20819	25000	
K20763	8000	46¢	K20790	20000				
K20765	10000		K20791	25000				
K20795	15000		K20792	30000				
K20796	20000	54¢	K20793	40000				
K20797	25000		K20794	50000	83¢			
						K20820	30000	\$1.10
						K20821	40000	
						K20822	50000	
						K20823	100000	1.22

Extra sliders to fit any of the above resistors.

K20825—Your Cost Each **5¢**

Truest Vitreous Resistors

Guaranteed plus or minus 10%. All are non-porous, dissipate heat rapidly, have positive lug contacts and do not change in resistance value. Each marked for resistance.



10-Watt Rating 3/8 x 1 1/4" Isolantite Tube

No.	Ohms	No.	Ohms	No.	Ohms	No.	Ohms
K4850	1	K4866	100	K4875	750	K4883	3000
K4854	5	K4868	150	K4876	1000	K4886	10000
K4856	10	K4869	200	K4879	2000	K4888	15000
K4861	30	K4870	250	K4880	2500	K4889	20000
K4863	40	K4872	400	K4881	3000	K4890	25000
K4864	50	K4873	500				

Your Cost Each, Any Size **16¢**

In Lots of 5, **Your Cost** **75c**

20-Watt Rating 1/2 x 2" Isolantite Tube

No.	Ohms	Each	No.	Ohms	Each	No.	Ohms	Each
K4910	25		K4930	1500		K4943	6000	32¢
K4911	50		K4933	2000		K4946	8000	
K4913	100	32¢	K4934	2250		K4947	10000	10 For
K4915	200		K4936	2500	32¢	K4949	15000	\$2.85
K4919	400		K4938	3000		K4950	25000	
K4920	500	10 For	K4940	4000	10 For	K4952	50000	37¢
K4923	750	\$2.85	K4942	5000	\$2.85	K4892	100000	
K4926	1000							

50-Watt Rating 3/4 x 4" Isolantite Tube		
No.	Ohms	Each
K4958	100	
K4959	250	54¢
K4960	500	
K4963	1000	61¢

5-Watt ZIPOHM Wire-Wound Resistors



Ideal for replacement work. They are flat and fit into tight places. 1 1/2"

tinned leads. Element covered by high temperature electric cement. Sizes: under 10,000 ohms, 1 1/2 x 1/2"; above 10,000 ohms, 2 x 1/2". Resistance values stamped on units. Available in following ohmages:

100	500	2500	10000
150	750	3000	12500
200	1000	4000	15000
250	1250	5000	17500
300	1500	7500	20000
400	2000	9000	25000

K5300—Your Cost Each, Specify Size Desired **15¢**

Truest Ohm Indicator



Ideal serviceman's tool, for determining replacement value for burned out resistors. Wire wound on a vitreous enameled Isolantite tube. Calibrated from 0 to 100,000 ohms. Comes with test prod and test clips. In use, test clips are fastened on the ends of the defective resistor, and prod is run up the scale until the best reception is obtained; resistor of same value is then substituted. Shpg. wt. 2 lbs. **K4997** **Your Cost** **\$1.49**

Truest Fil. and C. T. Resistors WITH CENTER TAP



Dependable wire wound units, accurately rated. Tapped at the electrical center. Have solder lug terminals and mounting feet. Available in 10, 20, 30, 40, 50, 60, 100 and 200 ohms. Specify resistance desired.

WITHOUT CENTER TAP		Each
K3999	—10 For 72c	8¢
For filament circuits. Available in 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 25, 30, 40, 50, 60 and 100 ohms. Specify resistance desired.		
K3997	—10 For 63c	7¢
Same as above, but 200, 300, 400, 500, 600, 700, 800, 900, 1000 or 1500 ohms. Specify resistance desired.		
K3998	—10 For 72c	8¢

IRC Ultra High Range Resistors		Each
Tolerance 20%. No surface leakage. Metallized ends, ceramic insulation 1 1/2 x 1/2". Max. volts 500.		
K5116	—100 Meg.	\$1.00
K5117	—250 Meg.	1.00
K5118	—500 Meg.	1.00
K5119	—1000 Meg.	\$1.50
K5120	—5000 Meg.	1.50
K5121	—10000 Meg.	2.00

Truest Carbon Resistors

HARDWICK-HINDLE 25-Watt Rheostats



Each element is wound on a pure mica form placed in a refractory base which is embedded in vitreous enamel. Each has a 1/2" bushing and nut for single hole mounting; depth behind panel 1 1/4"; base diameter 1 1/2"; 1/4" shaft; rotation 285 degrees. All rated 25-watts maximum. Have screw terminals. **Furnished with knob.**

\$1.68

Stock No.	Resis. (Ohms)	Max. Amps.	Your Cost
K8963	10	1.58	\$1.68
K8964	25	1.00	
K8965	50	.706	
K8966	100	.500	
K8967	250	.316	
K8968	500	.222	\$1.96
K8969	1000	.158	
K8970	2500	.100	
K8971	5000	.070	

Power CLAROSTATS

Heavy duty variable resistors suitable for use by experimenters, radio service men, industrial electricians, etc. Power Clarostats will handle 50 watts continuously; Super-Power units handle 100 watts. Resistance material—heavy carbon. Construction permits fine adjustment in each range. Both single hole mounting. With knobs.



No.	Super-Power	No.	Power-Range	Your Cost Each
K6831	K6834		1/2 to 10 Ohms	\$2.05
K6832	K6835		25 to 500	
K6833	K6836		200 to .1 meg.	
Power Clarostats				\$3.50
Your Cost Each				

BRADLEY 75 Watt Radiostat

For radio transmitters and industrial uses. Resistance variable from 4 to 150 ohms. Regulates transformers rated 500 watts or less. 3 hole panel mount. 3 1/4" x 7" long. Shpg. wt. 5 lbs. **K14128—Your Cost \$5.42**



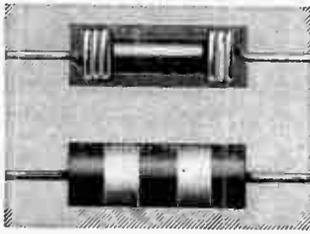
OHMITE Train Controls

MT-16 Rheostat. Permits complete control of "HO" model trains; reverse, stop, speed, slow-start, etc. All porcelain construction, smooth and uniform operation. Fully insulated on all live parts. Supplied with complete instructions for wiring and operating. Shpg. wt. 2 lbs. **K8953—Your Cost \$3.85**

Model MT-14. For controlling model "O" gauge trains. With complete instruction for wiring. Shpg. wt. 2 lbs. **K8952—Your Cost \$3.25**

NOTE: We can supply all types of voltage dividers not listed. Write for prices, specifying make, model, resistance, etc.

Truest INSULATED 1/2 & 1 Watt



Carbon Resistors

- ★ Molded Insulated Type
- ★ Withstand Heat, Moisture and Mechanical Tension
- ★ Low Drift.

Improved, finer carbon resistors, with heavy molded insulating shells which make them impervious to moisture, heat and mechanical strain. **Guaranteed accuracy 10%;** average 5%. Ideal for congested wiring of receivers. Insulation permits resistors to touch each other without shorting. Top illustration shows internal construction. Half-watt units measure 3/4" x 1/2" dia. One-watt units measure 1 1/8" x 1/2" dia. RMA color-coded.

Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.
200	K4250	K4300	25000	K4274	K4324
300	K4245	K4348	30000	K4275	K4325
400	K4251	K4301	40000	K4276	K4326
500	K4252	K4302	50000	K4277	K4327
600	K4253	K4303	60000	K4278	K4328
700	K4254	K4304	70000	K4279	K4329
800	K4255	K4305	75000	K4280	K4330
1000	K4256	K4306	100000	K4281	K4331
1250	K4257	K4307	125000	K4282	K4332
1500	K4258	K4308	150000	K4283	K4333
2000	K4259	K4309	200000	K4284	K4334
2500	K4260	K4310	250000	K4285	K4335
3000	K4261	K4311	300000	K4286	K4336
3500	K4262	K4312	400000	K4287	K4337
4000	K4263	K4313	500000	K4287	K4337
			750000	K4298	K4353
			Megohms		
5000	K4264	K4314	1	K4288	K4338
6000	K4265	K4315	1.5	K4248	K4351
7000	K4266	K4316	2	K4289	K4339
7500	K4267	K4317	2.5	K4249	K4352
8000	K4268	K4318	3	K4290	K4340
			4	K4291	K4341
9000	K4246	K4349	5	K4292	K4342
10000	K4269	K4319	6	K4293	K4343
12000	K4270	K4320	7	K4294	K4344
15000	K4271	K4321	8	K4295	K4345
17000	K4272	K4322	9	K4296	K4346
20000	K4273	K4323	10	K4297	K4347

1/2-WATT SIZE		1-WATT SIZE	
Your Cost Each	5c	Your Cost Each	6c
Per 10	.38c	Per 10	.47c
Per 100	\$3.75	Per 100	\$4.60

FREE! RMA RESISTOR COLOR CODE CHART. With every purchase of 3 or more Truest carbon resistors, a pocket size RMA color code chart is offered FREE. Specify on order.

Truest 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, bleed rs, etc. Also, for public address amplifiers or for test instrument replacement. Size 2" L x 1/2" O. D.

Resis. Ohms	2-Watt Stock No.						
200	K4450	2500	K4460	10000	K4469	70000	K4479
400	K4451	3000	K4461	12000	K4470	75000	K4480
500	K4452	3500	K4462	15000	K4471	100000	K4481
600	K4453	4000	K4463	17000	K4472	125000	K4482
700	K4454	5000	K4464	20000	K4473	150000	K4483
800	K4455	6000	K4465	25000	K4474	200000	K4484
1000	K4456	7000	K4466	30000	K4475	250000	K4485
1250	K4457	7500	K4467	40000	K4476	300000	K4486
1500	K4458	8000	K4468	50000	K4477	500000	K4487
2000	K4459			60000	K4478		

Your Cost Each	Per Dozen	99c	Per 25	\$2.00
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CENTRALAB Power Rheostats



Ideal for use as motor speed controls, charging rate regulators, etc. All metal frame and core insulated with treated asbestos. Wire wound. Single hole mounting. Knob supplied. All 2" in diameter. Bushing 3/4" x 1/2" long. Shaft 1/4" x 1/2" long. Depth behind panel—25 watt, 3/4"; 50 watt, 1 1/4"; 75 watt, 1 3/4". All are designed to work at high temperatures without damage.

25-Watt Units			
No.	Ohms	No.	Ohms
K8977	2	K8957	250
K8978	6	K8958	400
K8979	15	K8958	500
K8980	50	K8983	1000
K8976	100	K8984	5000
K8981	150		

Your Cost Each **\$1.18**

50-Watt Units			
Stock No.	Res. Ohms	Stock No.	Res. Ohms
K8987	25	K8990	500
K8988	60	K8991	1000
K8989	150	K8960	2500

Your Cost Each **\$1.47**

K8992—50-watt power rheostat. 5000 ohm resistance. Your Cost Each \$1.47

75-Watt Units			
No.	Ohms	No.	Ohms
K8995	50	K8998	500
K8996	150	K8999	1000
K8997	300		

Your Cost Each **\$1.76**

IRC All-Metal 25-Watt Rheostats

Safe operation at full 25-watts, down to 25% of full rotation. All metal, including die-cast aluminum case. High grade mica insulation; adequate spacing of parts. Large radius contact of special alloy. All 1 1/2" dia., 2 1/4" behind panel.



Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K9150	6	2.04	\$2.35
K9151	10	1.58	
K9152	25	1.00	
K9153	50	.709	
K9154	75	.575	
K9155	100	.500	\$2.65
K9156	250	.315	
K9157	350	.267	
K9158	500	.222	
K9159	750	.173	\$2.79
K9160	1000	.155	
K9161	1500	.129	
K9162	2500	.100	\$2.94
K9163	5000	.070	

50-Watt Rheostats			
Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K7746	6	.238	\$2.65
K7747	16	.177	
K7748	50	1.00	
K7749	125	1.00	
K7750	225	.470	
K7751	300	.407	\$2.79
K7752	500	.315	
K7753	1000	.223	
K7754	2500	.140	
K7755	5000	.100	\$2.94
K7756	10,000	.070	

SPECIAL NOTE: We can supply Schools, Industrials, etc., with any type or size Power Rheostat not listed here. Write, giving complete specifications.

YAXLEY IRC Centralab

APPROVED RADIO PRODUCTS

NOTE: All controls priced at 59c net are without switch. If switch is necessary on any of these units, it must be ordered separately and attached. Only the more popular controls are listed in this tabulation. We can supply a control for any standard radio receiver at a discount of 40% and 2% from list price.

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
ALL-AMERICAN MOHAWK						
D (with switch).....			K9229	\$1.76	K8673	\$1.76
714, 742.....	K6714	\$0.59	K9111	.59	K8931	.59
D-L, H Series.....	K6614	1.47	K9229	1.76	K8912	1.47
ARVIN (NOBLITT-SPARKS)						
7, 17, 27, 37.....	K6731	.59	K7800	1.18	K8777	1.18
61, 61M, 62, 62M, 81M.....	K6680	.59	K9127	.59	K8863	.59
10A (2 types), 15, 16, 20A (2 types), 20B, 25, 30A (3 types).....	K6798	.88	K9206	.88	K8793	1.18
ATWATER KENT						
37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 52, 53, 56, 57.....			K9212	.88	K8870	.88
37, 38, 40, 40F, 41DC, 42, 42F, 43, 44, 45, 46, 47, 52, 53, 56, 57 (Strip only).....	K6656	.29				
55, 55C, 55F, 55FC, 60, 60C (Late), 66 55, 55C, 55F, 60, 60C, 61, 61C, 66 (Strip only).....	K6604	1.47	K9230	1.47	K8658	1.76
60, 60C, 70 (D & L Chassis), 74 (D & L Chassis), 76 (D, L & P Chassis), 87D (F Chassis).....	K6604	1.47	K7801	1.47	K8657	1.76
70, 76 (Q Chassis).....	K6606	1.47	K9475	1.47	K8902	1.47
72 (H Chassis).....	K6605	1.47	K9167	1.47	K8954	1.47
80, 80F, 83, 83F, 90, 90F.....	K6672	.59	K9214	1.18	K8674	1.18
84, 84F (Late).....	K6754	.88			K8866	.59
87, 94, 94F.....	K6754	.88	K9476	1.18	K8955	.59
112, 810, 511.....	K6577	.88	K9128	.88	K8881	.88
255.....	K6582	.88	K9130	.88	K8882	.88
BELMONT						
770, 778 Series A, 879.....	K6582	.88	K9130	.88	K8882	.88
879 (Tone).....			K9503	1.18	K8759	1.18
404.....	K6543	.88	K9211	.88	K8956	.88
341, 544, 545, 555, 640.....	K6580	.88	K9136	.88	K8882	.88
770A.....	K6582	.88	K9130	.88	K8882	.88
BOSCH						
54, 56.....			K9139	1.47	K8913	1.47
524, 536, 634.....			K9465	1.18	K8776	1.18
536 (no switch), 636, 637.....	K6680	.59	K7402	.88	K8782	.88
736, 737, 738, 838.....	K6679	.59	K7803	.88	K8784	.88
28, 29.....	K6641	.88	K9220	.88	K8849	.88
48, 49 (Type 1).....	K6686	1.47	K7804	1.47	K8774	1.47
48, 49 (Type 2).....	K6658	1.47	K9411	1.47	K8895	1.47
BRUNSWICK						
11, 12, 16, 33 ("D" Chassis below No. 25000).....	K6765	.88				
11A, 12A, 16A, 18, 33A ("D" Chassis above No. 25000), 17, 24, 25AC.....	K6766	1.18				
COLONIAL						
32AC, 32DC.....	K6686	1.47	K9166	1.47	K8786	1.47
250-300 (AC-DC), 501, 501AC, 605, 650, 655, 657, 658, 662, 700, 701, 702.....	K6680	.59	K9127	.59	K8863	.59
279, 300AC, 310, 500A, B, 654.....	K6706	.59	K9103	.59	K8866	.59
CROSLY						
5-M3, 141, 148, 159, 167, 184.....	K6707	.59	K9477	1.18	K8868	.59
308, 318, 328, 338, 348, 408, 418, 428, 828, 315.....	K6792	.88	K9176	.88	K8851	.88
41, 41A, 42, 61, 602, 608, 609, 610, 704, 704A, 704B, 705, 706 (Female shaft).....	K6693	.88	K9412	.88	K8785	.88
124, 125.....	K6707	.59	K9425	1.18	K8677	1.18
132-1.....	K6757	1.47	K9142	1.47	K8787	1.47
27, 28, 53, 54, 56, 57, 58, 77-1.....	K6585	.88	K9226	.88	K8869	.59
526, 626, 916, 955, 1016, 1153, 5526, 6625, 629 (666), 634 (656), 644 (5666), 649 (5656), 1026.....	K6607	1.47	K9501	1.47	K8921	1.47
EMERSON						
A8, B8, A11, 102, 102LW, 104, 104LW, 105, 112.....	K6582	.88	K9130	.88	K8882	.88
D134, D136, D138, D139, D140, D142, D146 D Chassis.....	K6577	.88	K9128	.88	K8881	.88
39, 59 (D-55).....	K6750	1.47	K9478	1.76	K8922	1.76
40, 71, 77, 375, 375LW, 770.....	K6681	.59	K9129	.59	K8874	.59

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
EVEREADY (NATIONAL CARBON)						
1, 2, 3.....	K6641	\$0.88	K9220	\$0.88	K8849	\$0.88
52, 53, 54 (Late).....	K6761	1.47	K9483	1.47		
52, 53, 54 (Early).....	K6751	1.47	K9186	1.47	K8892	1.47
FADA						
211, 200, 291, 311.....	K6581	.88	K9130	.88	K8882	.88
270, 271.....	K6681	.59	K9129	.59	K8874	.59
43, 761, 762, 764, 766, 767, KG.....	K6752	1.47	K9192	1.47	K8775	1.47
GENERAL ELECTRIC						
B1, B2.....	K6716	.59	K9175	.88	K8850	.88
S22, S22D, S42, S42D, SZ42, J70, J75.....	K6621	.88	K9104	.59	K8868	.59
I131, I151, H51R, I171, I171R.....	K6738	.59	K9217	.88	K8867	.59
T41.....	K6694	1.47	K9190	1.47	K8905	1.47
D50, D51 D52, D72.....	K6679	.59	K9497	1.18	K8757	1.18
M50, M51, M51A, M52, M55, M56, M62 M655.....	K6545	.88	K9145	.88	K8691	1.18
K60, K60P, K63, M63, K65, K65P, C67, K78, K79.....	K6578	.88	K9219	.88	K8690	.88
N60.....	K6682	.59	K9458	1.18	K8790	1.18
E61, E62, E68, E71, E72, E76, S81, E86, E91, E95, E101, E105, E106.....	K6586	.88	K9498	1.18	K8756	1.18
M61, M65, M66, M67, M68, M69, M81, M85, M86, M89.....	K6545	.88	K9145	.88	K8791	.88
K62, KZ62P, J80, K82, J85, S132, JZ835.....	K6636	.88	K9216	.88	K8693	.88
J86, J100, J105, J107, J109 (Phono).....	K6743	.59	K9227	.88	K8875	.59
K64, M65, K66, K66M, A70, A75, K80, K80X, K85.....	K6545	.88	K9145	.88	K8779	.88
A82, A85, A87.....	K6601	1.47	K9149	1.47	K8813	1.47
A83, A85, E115.....	K6586	.88	K9499	.88	K8783	.88
K105, K106, K106P, K107, K126, M128, M128R.....	K6595	.88	K9438	1.18	K8692	1.18
M106, M107.....	K6545	.88	K9440	.88	K8811	.88
A125.....	K6575	1.47	K9504	1.47	K8814	1.47
J125A.....	K6543	.88	K9474	.88	K8792	.88
J125.....			K9473	1.47	K8815	1.47
M125.....	K6595	.88	K9447	.88	K8806	.88
B40, C41.....	K6798	.88	K9448	1.18	K8879	.59
E52.....	K6635	.88	K9105	.59	K8925	.59
K78, K79 (Phono).....	K6578	.88	K9219	.88	K8690	.88
GENERAL MOTORS						
120, 130, 140, 150 (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 No. 1700 B and 1964B), Little General.....	K6609	1.47	K9191	1.47	K8818	1.47
120, 130, 140, 150 (Chassis A above No. 62100 A; Chassis B above No. 1964B).....	K6609	1.47	K9502	1.47	K8822	1.47
GRUNOW (GENERAL HOUSEHOLD)						
5G, 6G, 6J Chassis, 580, 581, 640, 641, 680, 681.....	K6546	.88	K9479	1.18	K8698	1.18
6A, 6C, 6F Chassis, 650, 651, 660, 661, 662.....	K6581	.88	K9445	1.18	K8688	1.18
6D, 7A, 8D, 12B, 12W, Chassis, 670, 671, 690, 700, 701, 861, 1291, 1297 6-B; 7-D; B, Chassis, 620, 621, 720, 721.....	K6581	.88	K9130	.88	K8882	.88
7B Chassis, 750, 751, 752, 753.....	K6582	.59	K9131	.59	K8676	1.18
7C Chassis, 760, 761.....	K6581	.88	K9443	1.18	K8689	1.18
8A, 9A Chassis, 801, 901, 902.....	K6582	.88	K9130	.88	K8882	.88
8E, 15W Chassis, 871, 1541.....	K6579	.88	K9485	1.18	K8695	1.18
MAJESTIC (GRIGSBY-GRUNOW)						
25, 251, 253, 254 (Early).....	K6673	.59	K9221	1.18	K8799	1.18
25B, 35, 251B, 253B, 254B, 351, 353.....	K6710	.59	K7805	1.18	K8675	1.18
60, 61, 62 160, 163.....	K6696	.88	K9419	.88	K8769	.88
77, 290, 291, 293, 294, 310A, 310B, 311, 314, 315, 320, 321, 330, 331, 336.....	K6679	.59	K9200	.88	K8824	.88
370, 371, 373.....	K6715	.59	K9170	1.18	K8678	1.18
440, 44, 94, 194.....	K6709	.59	K9097	.59	K8654	1.18
460.....	K6679	.59	K9201	.88	K8655	.88
1050.....	K6591	.88	K9130	.88	K8882	.88
50, 51, 52.....	K6753	1.47	K9420	1.47	K8903	1.47
121, 123 (120, 120B).....	K6685	1.47	K9193	1.47	K8770	1.47
201, 203, 204 (200).....	K6680	.59	K9127	.59	K8863	.59
411, 411A, 413, 413A.....	K6715	.59	K9170	1.18	K8927	1.18
MONTGOMERY-WARD (AIRLINE)						
AE-10, 2655.....	K6762	1.47	K9187	1.47	K8894	1.47
62-166, 62-202.....	K6682	.59	K9458	1.18	K8790	1.18
62-179, 62-194, 62-206, 62-216, 62-218.....	K6612	1.47	K9494	1.76	K8672	1.76
62-185, 62-186, 62-187, 62-190, 62-196, 7GM.....	K6611	1.47	K9464	1.76	K8671	1.76
62-197.....			K9459	2.06	K8836	1.76
62-313, 62-314 (Tone).....					K8778	1.18
62-313, 62-314.....	K6591	.88	K9500	1.18	K8760	1.18

VOLUME CONTROLS

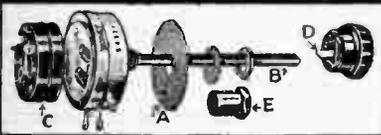
	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
MONTGOMERY-WARD (AIRLINE) (Cont.)						
62-86, 62-86X (Supp.)	K6613	\$1.47				
62-23	K6760	1.47				
77, 95, 62-120, 62-122, 62-126, 62-128	K6544	.88	K9164	\$0.88	K8906	\$0.88
62-178, 62-181, 62-189, 62-211	K6590	.88	K9463	1.18	K8928	1.18
MOTOROLA (GALVIN)						
50, 100 (2 types), 110	K6795	.59	K9480	1.18	K8761	1.18
57, 62	K6795	.59	K9482	1.18	K8763	1.18
Twinn 6, 60, 75, 79, 80 Golden Voice 1936	K6795	.59	K9481	1.18	K8762	1.18
PHILCO						
14 (Early), 15 (Late), 18 (Codes 121, 122, 124), 91 (Late), 503, 506, 507	K6547	.38	K9146	.88	K8796	.88
20, 20A, 21, 41DC, 42DC, 70, 70A (below No. B22000), 77, 77A, 90, 90A (2-45's), 220, 220A, 270, 270A, 470, 470A, 570 (below No. B22000)	K6683	1.47	K9421	1.47	K8973	1.47
17 (Early), 17, 17A (Code 122 and 123), 19 (Code 128)	K6546	.88	K9146	.88	K8974	.88
29 (Code 123TX), 49 (DC), 91 (Code 126-226), 118, 118 (Code 123RX)	K6547	.88	K9146	.88	K8796	.88
144						
620, 620 (Code 121), 625, 630, 630 (Code 121), 635, 635 (Code 124), 640 (Code 121), 640X (Code 122), 645	K6579	.88	K9130	.88	K8993	1.18
116X (Code 122), 643, 650, 655, 660, 665, 665 (Code 122)	K6586	.88	K9147	.88	K8994	1.18
CU and CV (Chrysler), N (Ford Center Control), PT5 (120) (Packard DeLuxe), SE, SF, SG De Soto, T2, T5, T6	K6587	.88	K9470	1.18	K8837	1.18
16 (Codes 121, 122, 123), 16 (Codes 125, 126, 127), 17 (Late), 17 (Code 121), 17, 17A (Code 122, 123), 116B (Code 121), 500, 501	K6591	.88	K9147	.88	K8994	1.18
200X, 201, 509X	K6592	.88	K9454	1.18	K8985	1.18
37-116 (Codes 121, 122), 37-610 (Codes 121, 122), 37-620, 37-623, 37-630, 37-640, 37-650, 37-660, 37-670, 37-675 (Codes 121, 122)	K6593	.88	K9496	.88	K8781	.88
50, 50A	K6684	1.47	K9489	1.47	K9018	1.47
51, 51A, 52	K6707	.59	K9171	.88	K9017	.88
30, 96, 111, 11A, 112, 112A, 211, 212, 296	K6680	.59	K9181	.88	K9019	.88
60, 66, 261, 264, 265, 505	K6680	.59	K9428	1.18	K9021	1.18
640, 641, 642, 645, 651	K6579	.88	K9130	.88	K9022	1.18
610	K6680	.59	K9126	.59	K9023	1.18
28 (AC-DC), 45 (AC-DC), 29, 245	K6547	.88	K9441	1.18	K9024	1.18
144, 98, 506	K6547	.88	K9146	.88	K9025	1.18
RCA-VICTOR						
T-4-10, R17M, R18W, R27, 102	K6728	.59	K9461	1.18	K8694	.59
121, 122, 127, 140, 141, 141B, 220, 221, 222, 240, 320, 321, 327, 340, 340B	K6545	.88	K9472	.88	K8779	.88
5-T, C-6-8, C-6-2, 6-T, 6-K, 6-T-2, 6-K-2, T-6-1, T-6-7, T-6-8, C-7-6, D-7-7, T-7-5, 7T, 7K, 7U, 7X, C-8-15, C-8-19, C-8-20	K6586	.88	K9455	.88	K8798	.88
8-K, 8-T, T-8-14, T-8-19, C-9-4, D-9-19, T-9-10	K6586	.88	K9455	.88	K8798	.88
T-5-2, M107, 117, 118, 119, 125, 211, 214, 225, 5M	K6545	.88	K9145	.88	K8691	1.18
R8, R10, R11, R12, RE18, RE18A, RE19, R21, RO-23, RAE-26	K6636	.88	K9216	.88	K8693	.88
6-K-12, 9K, 9K2, 9T, 10K, 10T, T-10-1, T-10-3, T11-8, C-11-1, C11-3, D-11-2, C-13-2, 9-K-3, 9-U, 9-U-2	K6594	.88	K9495	.88	K8800	.88
10-K-1, 10-T (2nd Prod.), 15-U, 812-K, 813-K, 816-K	K6594	.88	K9495	.88	K8800	.88
R35, R39, R1057, RE73	K6773	1.47	K9189	1.47	K8904	1.47
R14, R15, RE17, R42, R48	K6694	1.47	K9190	1.47	K8905	1.47
C-15-3, C-15-4, D-22-1, 281	K6595	.88	K9456	.88	K8806	.88
R32, RE45, R52, RE75	K6698	1.47	K9195	1.47	K8917	1.47
R37, R37P, R38, R38P, 120, 124, 223, 330, 331	K6578	.88	K9219	.88	K8696	.88
R78 (1st type)	K9473	1.47	K8815	1.47		
R78 (2nd type), RAE 84	K6543	.88	K9474	.88	K8792	.88
80, 82, 86	K6737	.59	K9217	.88	K8867	.59
R90, R90P, 260, 261, 280, 380, 381	K6595	.88	K9438	1.18	K8692	1.18
M101, M104, M108, M109	K6679	.59	K9497	1.18	K8757	1.18
128, 128E, ACR136, 143, 224, 224E, 226, 242, 243, 322, 322E, 341, 342	K6545	.88	K9145	.88	K8791	.88
262, 263	K6545	.88	K9440	.88	K8811	.88
R8, R10, 25 (DC), (220V)	K6621	.88	K9216	.88	K8694	.88
M34, M105, AR4229	K6798	.88	K9448	1.18	K8879	.59
6M, 6M2	K6579	.88	K9507	.88	K9023	.88
330, 331 (Phono)	K6580	.88	K9471	.88	K8697	.88
R71B	K6582	.88	K9130	.88	K8882	.88
C7-14, 8U, C8-17, D8-28, T8-16, T8-18, C9-6, T9-9	K6586	.88	K9455	.88	K8793	.88
C15-3, D221, 281, 380HR	K6595	.88	K9456	.88	K8805	.88

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	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
SEARS ROEBUCK (Silvertone)						
1705			K9506	\$1.76	K8656	\$1.76
1715, 1720, 1721, 1721X, 1722, 1722X, 1725, 1726X, 1732, 1732X	K6603	\$1.47	K9486	1.47	K8789	1.47
1800, 7106, 7111X, 7112, 7114, 7121	K6585	.88	K9112	.59	K8860	.59
1729	K6580	.88	K9128	.88	K8881	.88
7065	K6602	1.47	K9508	1.47		
SPARTON						
410, 420 (AC-DC), 430, 750D	K6700	1.47	K9196	1.76	K8823	1.76
89A, 103, 111A, 564, 570, 574, 600, 610, 620, 737, 740, 870	K6774	.88	K9203	.88	K8826	.88
12	K6614	1.47	K9449	1.47		
400, 410AC (Jr.), 410DC, 420AC (Jewell), 420DC, 9A	K6700	1.47	K9196	1.76	K8823	1.76
AC7, AC62, AC63, 79, 89, 99, 111	K6699	.88	K9202	.88	K8825	.88
235, 578, 750	K6774	.88	K9203	.88	K8826	.88
STEWART-WARNER						
R100A, B, E, 935, Series 950AC	K6701	.88	K9169	.88	K8901	.88
R128, R126A, R126P, R126X (1261-1269)	K6577	.88	K9128	.88	K9029	.88
R142A, R142AS (1421-1429)	K6585	.88	K9114	.59	K9032	.59
R149 (1491-1499)	K6579	.88	K9130	.88	K8882	.88
STROMBERG-CARLSON						
58L, 58LB, 58T, 58TB, 58W, 58WB, 61T, 61TB, 61L, 61LB, 61W, 61WB, 61Y, 61Z, 115	K6681	.59	K9129	.59	K8874	.59
60, 62, 62B, 63, 63B, 64, 80	K6682	.59	K9131	.59	K8890	.59
635, 636 (Rear)	K6652	.88	K9110	.59	K8885	.88
635, 636 (Panel)	K6654	.88	K9179	.88	K8886	.88
638 (Rear)	K6797	.88	K9185	.88	K8893	.88
638 (Panel)	K6654	.88	K9184	.88	K8857	.88
641, 642, 652, 654 (Rear)	K6651	.88	K9178	.88	K8883	.88
641, 642, 652, 654 (Panel)	K6653	.88	K9168	.88	K8884	.88
816, 848 (Rear)	K6651	.88	K9178	.88	K8846	.88
846, 848 (Panel)	K6655	.88	K9183	.88	K8848	.88
150	K6582	.88	K9130	.88	K8882	.88
37, 38, 39, 40, 41	K6749	1.47	K9197	1.76	K8772	1.76
48, 49, 50, 51	K6541	1.47	K9194	1.47	K8773	1.47
WESTINGHOUSE						
WR-2	K6716	.59	K9175	.88	K8850	.88
WR-4	K6694	1.47	K9190	1.47	K8905	1.47
WR15, WR15A, WR16, WR18	K6636	.88	K9216	.88	K8693	.88
WR28, WR136	K6680	.59	K9219	.88	K8690	.88
WR30, WR31, WR37, WR38, WR39	K6680	.59	K9472	.88	K8779	.88
WR45, WR45A, WR46, WR46A, WR49, WR50	K6545	.88	K9145	.88	K8791	.88
WR48, WR48A, WR53	K6545	.88	K9145	.88	K8691	1.18
WR500	K6680	.59	K9465	1.18	K8776	1.18
WR5, WR6, WR7, WR8	K6737	.59	K9217	.88	K8667	.59
ZENITH						
6B-107, 6B-129, 6B-164, 6S-128, 6S-137, 6S-147, 6S-152, 6S-157, 8S-129, 8S-154, 10S-130, 10S-147, 10S-153, 10S-155, 10S-156, 10S-157, 10S-160 (1004, 1203, 5634, 5635, 5901 (chassis))	K6586	.88	K9493	1.18	K8680	1.18
9S-30, 9S-54, 9S-55, 12L-57, 12L-58 (use extension shaft), 16A-61, 16A-63 (1202, 1202A, 1601C, 1601P, 5903 (chassis))	K6586	.88	K9431	1.18	K8679	1.18
50, 52, 53, 54, 57, 60, 61, 62, 64, 67 (single), 602 (1929), 612 (1920), 622, 642, 672	K6584	.88	K9429	1.18	K8802	1.18
33, 33X, 34, 3, 5, 35A, 342, 352, 352A, 362	K6788	.88	K9164	.88	K8906	.88
50, 52, 53, 54, 57, 60, 61, 62, 64, 67, 70, 71, 72, 73, 77 (Dual), 602 (1929), 612 (1929), 622, 712 (1930), 722, 732, 772	K6619	1.47	K9198	1.76	K8924	1.76
410, 411, 420, 430, 440	K6577	.88	K9128	.88	K8881	.88
701, 702, 715, 755, 756, 760, 765, 767, 770B, 775B	K6680	.59	K9127	.59	K8863	.59
15, 16, 41, 42, 80, 422, 563DC	K6584	.88	K8861	.59		
811, 862, 865, 866, 829, 870, 8S-871, 908, 909, 960, 961, 9S-908, 9S-909, 9S-961, 945, 950, 1117, 1162, 1167, 1170, 4V31, 4V59, 6V27, 6V62	K6679	.59	K9125	.59	K8879	.59
4T26, 4T26, 4T51, 4T51	K6705	.59	K9103	.59	K8866	.59
478, 476A (Ch. 2032), 520, 521, 530, 531, 533, 535 (Ch. 2036), 770 (Ch. 2032), 780 (Ch. 2032), 980, 985, 990 (Ch. 1201, 1201A)	K6577	.88	K9128	.88	K8881	.88
730, 735	K6544	.88	K9164	.88	K8906	.88

YAXLEY

APPROVED RADIO PRODUCTS



UNIVERSAL VOLUME CONTROLS

161 CONTROLS SERVICE 4610 DIFFERENT RECEIVERS

The line of Yaxley Volume Controls can be used to service over 90% of all the radio receivers now in use. With comparatively few units, the serviceman is enabled to meet practically all service requirements.

Yaxley Controls feature: (A) Minimum bias adjustment on all bias controls; (B) 3" aluminum shaft—to shorten just notch and break off; (C) Approved switch; (D) Knob adapter; (E) Extension bushing.

UNIVERSAL SINGLE CONTROLS

Furnished with 3" aluminum shaft (milled), standard bushing, cover-plate, and where necessary, the adjustable bias plate.

Stock No.	Part No.	Type	Res. Ohms	Taper	Stock No.	Part No.	Type	Res. Ohms	Taper
K6660	Q	WW	2	IV	K6713	H7*	WW	15000	VII
K6661	R	WW	6	IV	K6714	H12*	Car.	15000	I
K6662	S	WW	10	IV	K6741	A20MP*	WW	20000	IV
K6663	T	WW	20	IV	K6715	Y*	Car.	20000	I
K6664	U	WW	30	IV	K6742	Y25MP	Car.	25000	IV
K6665	V	WW	60	IV	K6676	J*	Car.	25000	I
K6666	W	WW	100	IV	K6743	Y50MP	Car.	50000	IV
K6667	X	WW	200	IV	K6677	K*	Car.	50000	II
K6732	A400P	WW	400	IV	K6716	K12	Car.	50000	II
K6668	A	WW	500	I	K6717	Z*	Car.	75000	III
K6733	A550P	WW	550	IV	K6718	Z12	Car.	75000	II
K6734	A1MP	WW	1000	IV	K6744	Y100MP	Car.	100000	IV
K6669	B	WW	1000	I	K6678	L	Car.	100000	I
K6719	UC500	WW	1000	II	K6729	UC510*	Car.	100000	II
K6735	A2MP*	WW	2000	IV	K6721	UC502	Car.	150000	I
K6670	C*	WW	2000	II	K6745	Y200MP	Car.	200000	IV
K6704	C12*	WW	2000	IV	K6746	Y250MP	Car.	250000	IV
K6736	A3MP*	WW	3000	IV	K6679	M	Car.	250000	I
K6671	D*	WW	3000	II	K6730	UC511†	Car.	250000	II
K6705	D7*	WW	3000	VII	K6728	UC509*	Car.	250000	II
K6706	D12*	WW	3000	IV	K6747	Y500MP	Car.	500000	IV
K6737	A5MP*	WW	5000	IV	K6680	N	Car.	500000	I
K6738	Y5MP	Car.	5000	IV	K6731	UC512†	Car.	500000	I
K6672	E*	WW	5000	II	K6795	UC515†	Car.	500000	I
K6707	E7*	WW	5000	VII	K6793	UC513	Car.	500000	II
K6708	E12*	Car.	5000	II	K6722	UC503	Car.	750000	II
K6673	F*	WW	7500	II	K6748	Y1000MP	Car.	1 Meg.	IV
K6709	F7*	WW	7500	VII	K6681	O	Car.	1 Meg.	I
K6710	F12*	Car.	7500	I	K6794	UC514†	Car.	1 Meg.	I
K6739	Y10MP*	WW	10000	IV	K6682	P	Car.	2 Meg.	I
K6740	Y10MP	Car.	10000	IV	K6723	UC504	Car.	3 Meg.	I
K6674	G*	WW	10000	II	K6724	UC505	Car.	4 Meg.	I
K6711	G7*	WW	10000	VII	K6725	UC506	Car.	5 Meg.	I
K6712	G12*	Car.	10000	II	K6726	UC507	Car.	5 Meg.	II
K6720	UC501	Car.	10000	II	K6727	UC508	Car.	9 Meg.	I
K6675	H*	WW	15000	II					

Car.—Carbon element. WW—Wire wound. *—Has adjustable bias feature. Wire wound units have adjustable plate; carbon element controls have external adjustable resistor. †—Has slotted shaft for auto sets.

Your Cost Each, Any of the above Controls..... **59¢**

UNIVERSAL TAPPED CONTROLS

Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms	Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms
K6542	TRP600	6000	2500	K6587	TRP614	350000	75000
K6543	TRP601	30000	6000	K6588	TRP615	3 Meg.	1 Meg.
K6544	TRP602	63000	3000	K6589	TRP616	500000	50000
K6545	TRP603	250000	125000	K6590	TRP617	60000	10000
K6546	TRP604	350000	25000	K6591	TRP618	2 Meg.	200000
K6547	TRP605	350000	75000	K6592	TRP619	500000	100000
K6577	TRP606	500000	100000	K6593	TRP620	2 Meg.	300000
K6578	TRP607	500000	250000				1 Meg.
K6579	TRP608	1 Meg.	200000	K6594	TRP621	2½ Meg.	250000
K6580	TRP609	1 Meg.	500000				500000
K6581	TRP610	1 Meg.	20000	K6595	TRP622	44000	7000
K6582	TRP611	1 Meg.	170000	K6596	TRP623	250000	14000
K6583	TRP612	2 Meg.	25000	K6597	TRP624	2½ Meg.	50000
K6586	TRP613	2 Meg.	450000				250000

Your Cost Each, Any of the above Volume Controls..... **88¢**

UNIVERSAL DUAL CONTROLS

Consist of two volume controls strapped together and driven by a single shaft. Units listed service practically all receivers.

Stock No.	Mfrs. No.	Type	Front	Res. in Ohms	Rear	Taper
K6684	CE	WW	2000	5000		
K6658	GE	WW	10000	5000	VII	IV
K6685	GG	WW	10000	10000	VII	IV
K6686	GK	Car.	10000	50000	I	IV
K6703	KK†	Car.	50000	50000	IV	IV
K6659	LL	Car.	100000	100000	I	I
K6687	LM	Car.	100000	250000	I	I
K6749	MM	Car.	250000	250000	I	I
K6750	MN	Car.	250000	500000	I	I
K6689	NN	Car.	500000	500000	I	I

WW—Wire Wound element. Car.—Carbon element. †—Slotted shaft for auto sets.

Your Cost Each, Any Size..... **\$1.47**

Explanation of Yaxley Volume Control Tapers

- No. I. For audio or antenna shunt circuits.
- No. II. For series circuits such as cathode voltage controls.
- No. III. For antenna shunt and "C" bias circuits.
- No. IV. Linear taper; for voltage divider circuits.
- No. VII. Wire wound element. For antenna and "C" bias.

Control Switches



Stock No.	Part No.	Type	Your Cost
K6288	6-9	S.P.S.T.	29c
K12853	8	S.P.D.T.	
K6289	7	D.P.S.T.	
K6290	13	3-P.S.T.	
K6291	14	4-P.S.T.	

35¢

Extension Shafts



Type A—Length 4".
K6561 1/8" diam., 1/8" flat.
K6562 1/4" diam., 1/8" flat.
K6563 3/8" diam., 1/8" flat.
Any Size,
Your Cost Each..... **18¢**
Type B—2" long, 1/4" diameter with 3/8" slot. Enclosed in tight fitting tube.
K6559—Your Cost..... **21¢**

CONTROL HEX NUTS

No.	For Panels	Each
K6384	3/8"	6c
K6386	1/2"	9c
K6385	5/8"	12c

YAXLEY RHEOSTATS AND POTENTIOMETERS

Type C—2 Watts

Compact series of controls ideal for use where space is limited. Contact arm is grounded to the shaft. Diam. 1 1/4", 3/8" shaft, is 3/8" long.

No.	Ohms	No.	Ohms
K6197	6	K6201	30
K6198	10	K6202	40
K6199	15	K6203	50
K6200	20	K6204	100

Your Cost Each, Any Type..... **44¢**

POTENTIOMETERS

No.	Ohms	No.	Ohms
K6205	6	K6210	40
K6206	10	K6211	50
K6207	15	K6212	100
K6208	20	K6213	200
K6209	30	K6214	400

Your Cost Each, Any of the Above..... **59¢**
K6215—1000 ohms..... **73¢**
K6216—3000 ohms..... **73¢**
K6217—5000 ohms..... **88¢**
K6218—6000 ohms..... **88¢**
K6219—10000 ohms..... **88¢**
K6220—15000 ohms..... **88¢**

Type M—4 Watts

Extremely compact, conservatively rated at 4 watts. Fully enclosed. 1 1/2" diam.; mount in 1/2" hole. Shaft is 1/2" diameter, 3/8" long.

No.	Ohms	No.	Ohms
K6480	1	K6486	20
K6481	2	K6487	25
K6482	3	K6173	40
K6483	6	K6174	50
K6484	10	K6175	60
K6485	15	K6176	75

Your Cost Each, Any Above Type..... **44¢**

POTENTIOMETERS

No.	Ohms	No.	Ohms
K6503	20	K6496	200
K6492	50	K6497	400
K6495	100		

Your Cost Each..... **59¢**
K6498 1000..... **73¢**
K6500 3000..... **73¢**
Your Cost Each..... **88¢**
K6502 10000..... **88¢**
K6178 20000..... **88¢**
Your Cost Each..... **88¢**
K6180 50000..... **88¢**
Your Cost Each..... **88¢**

TYPE E—9-WATT POTENTIOMETERS

Similar to Type M, but larger. 2 1/2" diameter. Arm grounded.

No.	Ohms	Each	No.	Ohms	Each
K6188	5000	\$1.47	K6191	25000	\$1.62
K6189	10000	\$1.47	K6192	50000	\$1.62
K6190	20000	\$1.47	K6193	75000	\$1.62

YAXLEY "T" and "L" Pads



Extremely compact, conservatively rated at 4 watts. Fully enclosed. 1 1/2" diam.; mount in 1/2" hole. Shaft is 1/2" diameter, 3/8" long.

Specialty designed to provide a convenient and simple method of controlling the level of low impedance audio circuits, and for volume control of microphones, electric phonographs, talking picture amplifiers, etc. All furnished complete with bar knob, dial plate, two mounting nuts and washer.

Stock No.	Ohms	"T" Pads	Stock No.	Ohms	"L" Pads
K6356	6		K6362	8	
	8		K6363	15	
K6357	15		K6364	20	
K6358	20		K6365	30	
K6359	30		K6366	50	
K6381	250		K6382	500	
K6360	500		K6367	1000	
K6361	2000		K6368	5000	

"L" Pads:
Your Cost, Any Type Above..... **\$2.06**
"T" Pads:
Your Cost, Any Type Above..... **\$2.94**

YAXLEY Midget Controls and Accessories

Midget Controls



Ultra-compact controls featuring noiseless composition elements; attachable switches; standard or plug-in type shafts. Type MR units have 3" shafts, milled the entire length and furnished with knob adapters (for spring type knobs); Type UM have



special shafts that will take any one of the 17 different types of plug-in shafts listed below. All $\frac{1}{2}$ " thick, $1\frac{1}{4}$ " diameter.

MR No.	UM No.	Ohms & Taper	MR No.	UM No.	Ohms & Taper
K6900	K6926	5000 (4A)	K6914	K6940	10000 (1)
K6901	K6927	10000 (1)	K6915	K6941	10000 (2)
K6902	K6928	10000 (2)	K6916	K6942	10000 (4)
K6903	K6929	10000 (4)	K6917	K6943	15000 (1)
K6904	K6930	15000 (1)	K6918	K6944	25000 (1)
K6905	K6931	15000 (2)	K6919	.....	25000 (2)
K6906	K6932	20000 (1)	.....	K6945	25000 (4)
K6907	K6933	25000 (2)	.....	K6946	35000 (0)
K6908	K6934	25000 (4)	K6920	K6947	50000 (0)
K6909	K6935	50000 (1)	K6921	K6948	50000 (4)
K6910	K6936	50000 (2)	K6922	K6949	75000 (1)
K6911	K6937	50000 (4)	K6923	K6950	1 Meg. (1)
K6912	K6938	75000 (1)	K6924	K6951	2 Meg. (1)
K6913	K6939	75000 (2)	K6925	K6952	3 Meg. (1)

Type MR Controls
Your Cost Each, Any Size..... **59¢**
Type UM Controls (Less Shaft)
Your Cost Each, Any Size..... **73¢**

"TM" Tapped Midget Controls



Similar to the type UM controls described above, but provided with a tap as shown. Used in tone compensating circuits. Designed for use with any of the 17 plug-in shafts listed below. $\frac{1}{2}$ " thick, $1\frac{1}{4}$ " diameter.

Type TM Tapped Controls, Less Shaft
Your Cost Each, Any Type Listed Below..... **73¢**

No.	Ohms	Tapped	Taper	No.	Ohms	Tapped	Taper
K6953	250000	50000	5	K6960	2 Meg.	50000	5
K6954	250000	125000	5	K6961	2 Meg.	5000	6
K6955	350000	75000	5	K6962	2 Meg.	25000	5
K6956	500000	5000	6	K6963	2 Meg.	50000	5
K6957	500000	125000	5	K6964	2 Meg.	200000	5
K6958	500000	250000	5	K6965	2 Meg.	500000	5
K6959	1 Meg.	200000	5	K6966	2 Meg.	1 Meg.	5
				K6967	3 Meg.	1 Meg.	4

YAXLEY Midget Attachable Switches

No.	Type	Each	No.	Type	Each
K6968	S.P.S.T.	29¢	K6971*	3-P.S.T.	35¢
K6969	D.P.S.T.	.....	K6972*	4-P.S.T.	.....
K6970	S.P.D.T.	.....		*Shorting type.	

EXPLANATION OF YAXLEY TAPERS

- (1)—Antenna shunt or audio
- (2)—Series circuits
- (3)—Linear "taper"
- (4A)—Modified linear "taper"
- (5)—Special for tapped units
- (6)—Like (1), for tapped controls

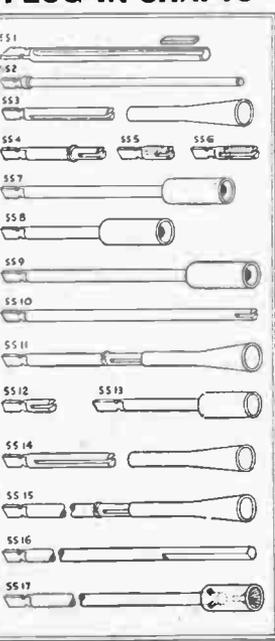
17 types fit all UM and TM midget controls. Adapt controls for use with practically all modern auto and home receivers.

- K6973—SS-1. Replaces any $\frac{1}{4}$ " round shaft or $\frac{1}{4}$ " or $\frac{3}{8}$ " flatted shaft up to 3" long.
- K6974—SS-2. RCA, United Motor Service and any $\frac{1}{2}$ " diam. shaft up to 4" long.
- K6975—SS-3. Replaces any $\frac{1}{2}$ " slotted shaft up to 2" long.
- K6976—SS-4. RCA (part No. 12240, 12365, etc.).
- K6977—SS-5. Philco '36, '37, '38 household receivers.
- K6978—SS-6. RCA, Hudson H6.

- K6979—SS-7. Motorola '38, Golden Voice, 70, etc.
- K6980—SS-8. Motorola 35, 45.
- K6981—SS-9. Motorola 65, etc.
- K6982—SS-10. Motorola 60, 80, '36 Golden Voice, etc.
- K6983—SS-11. Replaces any $\frac{1}{2}$ " slotted shaft 2 to 4" long.
- K6984—SS-12. Philco, United Motor Service, Arvin.
- K6985—SS-13. Belmont, Western Auto Supply, Howard, etc.
- K6986—SS-14. Replaces any $\frac{1}{2}$ " slotted shaft up to 2" long.
- K6987—SS-15. Replaces any $\frac{3}{8}$ " slotted shaft 4" to 6" long.
- K6988—SS-16. Exact for RCA, cut to length for many others.
- K6989—SS-17. Replaces any slotted "Inacup" shaft up to 6" long.

Your Cost Each, Any Shaft..... **15¢**

PLUG-IN SHAFTS



IRC VOLUME CONTROLS

Type "D" Midgets



Same features as "CS" controls (at right), but much smaller. Case diam. $1\frac{1}{4}$ ", depth $\frac{3}{4}$ ". $\frac{3}{8}$ " Bushing. All are supplied with

Type "A" shaft only, and are Less Switch. Type "B" shaft must be ordered separately. Letter indicates taper listing under "CS" controls.

No.	Ohms	No.	Ohms
K7779	5000A	K7785	10000C
K7780	10000A	K7786	25000C
K7781*	10000D	K7787	35000C
K7782*	10000F	K7788	50000C
K7783*	15000F	K7789	1 Meg. C
K7784	50000C	K7790	2 Meg. C

*Supplied with 370 ohm, $\frac{1}{2}$ -watt resistor.

Your Cost, Any Type..... **59¢**

Tapped Controls—H Taper
No. Ohms Tapped At Each

K7791	250000	60000	88¢
K7792	350000	75000	
K7793	500000	125000	
K7794	1 Meg.	250000	
K7795	2 Meg.	500000	

Switch Coverplates For Above

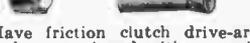
K7796	S.P.S.T.	Each..... 29¢
K7797	D.P.S.T.	Each..... 35¢
K7798	S.P.D.T.	.....

Type "B" Shafts

For auto radio controls.

K7799 Your Cost Each..... **21¢**

Type "D" Auto Controls With Friction Clutch



Have friction clutch drive-arm and are equipped with a special shaft for use where either a slotted or tongued type shaft is required. Same size as type "D" midgets (above). **No switches.**

No.	Ohms	Tapped At
K7757	250000	None
K7758	250000	60000
K7759	500000	None
K7760	500000	125000
K7761	1 Meg.	None
K7762	1 Meg.	250000
K7763	2 Meg.	None
K7764	2 Meg.	500000

Your Cost Each, Any Above..... **88¢**

"CS" Specials

Similar to "CS" standard, but take plug-in shafts. All supplied with type "A" shaft; type B may be used. Same taper as "CS" (at right).

No.	Ohms	No.	Ohms
K7765	10000C	K7770	500000A
K7766	50000C	K7771	500000C
K7767	100000C	K7772	1 Meg. C
K7768	250000C	K7773	2 Meg. C
K7769	350000C		

Your Cost Each..... **59¢**

Tapped Controls—H Taper

No.	Ohms	Tapped At	Each
K7774	250000	60000	88¢
K7775	350000	75000	
K7776	500000	125000	
K7777	1 Meg.	250000	
K7778	2 Meg.	500000	

Same switch covers as type "CS"

"CS" Standard Controls



Metallized element on bakelite base; multi-spring contact arm; silent pigtail connector; steel coil spring as thrust washer on shaft. Shafts $2\frac{1}{4}$ " long, milled. $\frac{3}{8}$ " bushing. Taper indicated as follows: A—Uniform; B—Tone Control or Audio; C—Antenna Shunt or Audio; D—Antenna and "C" Bias; E—"C" Bias; F—Antenna and Bias; H—tapped, Tone Compensation. **Units marked with asterisk include 300 ohm bias resistor.**

No.	Ohms	No.	Ohms
K9100	500A	K9118	50000C
K9101	1000A	K9119	75000C
K9102	2000A	K9120*	75000D
K9103	3000A	K9121	100000A
K9104	4000A	K9122	100000C
K9105	5000A	K9123	200000A
K9106	5000C	K9124*	200000D

K9097	7500A	K9125	250000C
K9107*	10000F	K9144*	250000D
K9108*	10000A	K7807	350000C
K9109*	10000D	K9126	500000A
K9110	10000C	K9127	500000C
K9111*	15000D	K7808	500000D
K9112*	15000F	K9129	1 Meg. C
K9113*	20000F	K9131	2 Meg. C
K9114*	25000D	K9132	3 Meg. C
K9115	25000A	K9098	5 Meg. A
K9116	25000F	K9099	7 Meg. A
K9117	50000A	K9137	10 Meg. A

Your Cost Each, Any Above Type..... **59¢**

"CS" Tapped Controls

No.	Ohms	No.	Ohms
K9145	250000A	K9136	1 Meg. A
K7809	250000H	K9130	1 Meg. H
K9146	350000H	K9147	2 Meg. H
K9128	500000H		

*For Fader

Your Cost Each..... **88¢**

"CS" Series Switch Plates

K9133	S.P.S.T.	Each..... 29¢
K9134	S.P.D.T.	.....
K9135	D.P.S.T.	Each..... 35¢

"Twin" Controls

Duals, for replacement use. Front section is nearest shaft.

Stock No.	Front	Back	Ohms	Your Cost
K9138	10000C	25000E		\$1.47
K9139	10000F	50000A		
K9140	100000C	100000C		
K9141	250000C	250000C		
K9142	500000C	500000C		
K9143	2 Meg. C	2 Meg. C		

Type "W" Wire Wound Volume Controls



All rated at 2 watts. Less switch, but switch covers can be added. All are linear or "A" taper.

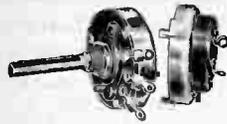
No.	Ohms	No.	Ohms
K7810	6	K7822	200
K7811	8	K7823	300
K7812	10	K7824	400
K7813	15	K7825	500
K7814	20	K7826	750
K7815	25	K7827	1000
K7816	30	K7828	2000
K7817	40	K7829	3000
K7818	50	K7830	4000
K7819	60	K7831	5000
K7820	75	K7832	7500
K7821	100	K7833	10000

Your Cost Each, Any Above Type..... **59¢**

"W" Series Switch Plates

K7834	S.P.S.T.	Each..... 29¢
K7835	D.P.S.T.	.....
K7836	S.P.D.T.	Each..... 35¢

Trutest "TRU-TAPER" Volume Controls



A line of general purpose volume controls for replacement purposes and for the new set circuit. Features include: extra hard composition elements, multi-point wiping contacts, correct accurate tapers. In metal housing. Have $\frac{1}{2}$ " shafts $1\frac{1}{2}$ " long. Bushings $\frac{3}{8}$ " diam. Switch coverplate fits all units. Tapers indicated below: **A**—Antenna Shunt; **AC**—Antenna Shunt, "C" Bias; **SV**—Screen Voltage; **AS**—Audio Shunt; **T**—Tone Control. **C**—"C" Bias.

No.	Ohms	Type
K9081	1000	AC
K9082	2000	AC
K9083	5000	AC
K9084	10,000	AC
K9085	25,000	AC
K9086	50,000	SV or T
K9087	75,000	C
K9088	100,000	SV or T
K9089	250,000	AS or T
K9090	500,000	AS or T
K9091	1 Meg.	AS or T

Your Cost Each, Any Above Types (Less Switch)..... **28¢**

Lots of 5..... **25¢ each**

Switch Coverplate only. **K9069**—S.P.S.T. **12¢**

Your Cost Each..... **12¢**

Trutest Duplicate Controls



For Victor models R-32, RE-45, R-52, and RE-75. Dual control. **K9094**—Each **88¢**

RCA-Victor
For RCA-Victor models 42, 48, R-14, R-15, R-17, Dual 25,000 and 10,000 ohms). **K9093**—Each **1.11**

Philco 20, 20A and 220
Dual unit, 285 and 5000 ohms. **K9092**—Each **88¢**

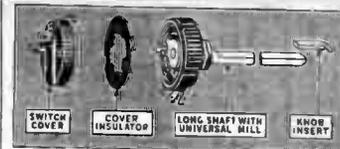
Zenith 70 Series
Models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723, 772. Dual unit. **K9095**—Each **1.39**

Zenith 50 Series
Single unit, with switch. **K9096**—Each **79¢**

Genuine RCA Volume Controls
All improved original RCA parts. Most popular listed. Others on order only.

No.	Part No.	Models	Each
K9050	2995	R4, 6, 7, 7A, 9, RE16A	50.88
K9052	4429	118, 21L	1.18
K9053	4519	128, 128E, 224, ACR-136, 143, 224E, 242, 322, 322E, 341, 140, 141, 141E, 240, 340, 340E	.88
K9060	7061	R80, 82, 86	.59
K9061	7129	R14, 15, RE17, R42, 48	1.47
K9062	11205	C11-1, C13-2, T10-1, T11-8, T10-3, D11-2	.88
K9065	10826	R34, 35, 39, RE57, RE73	1.47
K9066	13144	T8-14, C8-15, T8-1, C6-2, T7-5, C7-6, D7-7, C9-4, T9-9, C6-8, 5T-D8-28	.59

Centralab Midget and Standard Volume Controls



and the band is by means of an oil-treated wood button that is absolutely noiseless and perfectly smooth in operation. Control dimensions: Diameter— $1\frac{1}{4}$ "; Depth— $\frac{3}{16}$ "; Shaft length— $2\frac{1}{4}$ "; Diameter— $\frac{1}{4}$ "; Bushing diameter— $\frac{3}{8}$ ". Shaft is milled flat. Listing below includes CRL Guide numbers of controls less switch. With switch numbers are the same except for prefix number which is "62" in place of "72"; "62" in place of "70" and "99" in place of "79". These numbers are given for your convenience and to aid you in obtaining the exact control you need, as listed in CRL Guide. Tapers are indicated as follows:

- U**—Voltage Divider (uniform)
- S**—Antenna Shunt
- A**—Antenna Shunt & "C" Bias
- A1**—Antenna Shunt & "C" Bias for 1 Tube
- A2**—Ant. Sh. & "C" Bias 2 Tubes
- C**—"C" Bias
- T**—Tone Control
- GT**—Audio Grid or Tone Control
- P**—Series in R.F. Plate

Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms
K8876	72-118	500U	K8873	72-115	15,000A1	K8880	72-122	100,000GT
K8865	72-107	1000U	K8931	79-006	15,000A1	K8697	72-136	150,000GT
K8859	72-101	2000U	K8877	72-119	20,000A	K8878	72-120	200,000GT
K8866	72-108	3000U	K8869	72-111	25,000U	K8694	72-131	200,000C
K8867	72-109	4000U	K9032	70-206	25,000C	K8879	72-121	250,000GT
K8868	72-110	5000U	K8860	72-102	25,000S	K8864	72-106	500,000U
K8842	70-204	5000S	K8861	72-103	50,000U	K8841	70-203	500,000P
K8907	72-139	7500U	K8875	72-117	50,000T	K8863	72-105	500,000GT
K8872	72-114	10,000A	K9033	72-123	75,000T	K8908	72-140	750,000GT
K8871	72-113	10,000A1	K8840	70-202	75,000C	K8874	72-116	1 Meg. GT
K8843	70-205	10,000A2	K8862	72-104	100,000U	K8890	72-137	2 Meg. GT
K8858	72-100	10,000S				K8696	72-132	3 Meg. GT

WIRE WOUND RADIOHMS								
K8959	V-104	6	K8683	V-123	200	K8687	VF-131	2000
K8961	V-108	10	K8684	V-126	400	K8765	VF-133	3000
K8861	V-116	50	K8685	V-127	500	K8804	VF-135	5000
K8682	V-121	100	K8686	VF-129	1000	K8766	VF-137	10,000

Your Cost Each Any Type Listed Above **59¢**

TAPPED RADIOHMS (For Tone Compensation) (Composition Element)			List Price \$1.50
K8891	72-138	250,000 ohms GT	Your Cost Each 88¢
K8881	72-134	500,000 ohms GT	
K8882	72-135	1 Megohm GT	
K8909	72-142	2 Megohms GT	

TWIN REPLACEMENT RADIOHMS			List Price \$2.50
Most popular twin controls for general replacement.			
Stock No.	CRL No.	Front Ohms	Rear Ohms
K8912	74 601	10,000	25,000
K8913	74 602	10,000	50,000
K8758	4010805	100,000	100,000
K8768	4010807	250,000	250,000
K8787	4010804	500,000	500,000

SWITCH COVERPLATES For Standard Radiohms			List Price \$1.47
K8665	S.P.S.T.	29¢	Your Cost Each 35¢
K8666	S.P.D.T.	35¢	
K8660	D.P.S.T.	35¢	
K8661	S.P.S.T.	35¢	

*—Open at clockwise position. †—With dummy lug.

CENTRALAB Midget Radiohms

Small diameter controls for use in auto radio sets or in midget radios. Molded bakelite cases. All potentiometer type, with insulated terminals. Depth, less switch, $\frac{3}{16}$ ". $2\frac{1}{4}$ " shaft milled entire length. Separate switches easy to install. Same taper symbols as shown with standard Radiohms above. CRL Guide numbers given below are less switch—CRL Guide numbers for controls with switch have prefix "P" in place of "N".

Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms
K8187	NF106	5000U	K8280	NF111	15,000A2	K8220	N116	100,000U
K8190	NF107	10,000A	K8281	NF112	20,000A	K8272	N117	100,000GT
K8188	NF100	10,000A1	K8217	NF113	25,000U	K8192	N102	250,000GT
K8189	NF108	10,000A2	K8191	NF101	25,000U	K8273	N118	500,000U
K8278	N109	10,000S	K8218	N114	50,000U	K8193	N103	500,000GT
K8279	NF110	15,000A1	K8219	N115	50,000T	K8194	N104	1 Meg. GT

Your Cost Each, Any Type Listed Above (Less Switch)..... **59¢**

Tapped Midget Radiohms Center tapped for tone compensation circuits. Less switch. Stk No. CRL No. Ohms Each

Stock No.	CRL No.	Ohms	Each
K8274	NT119	250,000	88¢
K8275	NT120	500,000	
K8276	NT121	1 Meg.	
K8277	NT122	2 Meg.	

Midget Switch Plates

Stock No.	Type	Each
K8195	S.P.S.T.	29¢
K8196	S.P.D.T.	35¢
K8197	D.P.S.T.	
K8198	4 Point	
K8199	*S.P.S.T.	
*—With dummy lug.		

A Free Copy of the extremely valuable CRL Volume Control Guide is given with each order for 5 or more controls. It contains a complete listing of correct replacement controls for several hundred different receivers—plus much valuable technical information concerning volume controls and their application in general.

CLAROSTAT Wire Wound Controls



Standard wire wound controls in bakelite cases. Switch covers easily attached. Control diameter $1\frac{1}{2}$ ". Mount in $\frac{3}{8}$ " hole. $\frac{1}{4}$ " shaft extends $1\frac{1}{2}$ ". Units marked with asterisk (*) are rheostat type; all others are potentiometers.

Stock No.	Res. Ohms	Stock No.	Res. Ohms
K7048*	1	K7093	750S
K7049*	2	K7092	1000S
K7050*	4	K7090	2000S
K7051*	3	K7089	3000S
K7052*	6	K7088	2000V
K7053*	10	K7087	2000V
K7054*	15	K7086	3000U
K7055*	20	K7085	3000U
K7056*	25	K7084	4000S
K7057*	30	K7083	5000S
K7058*	40	K7082	5000V
K7059*	50	K7081	7500S
K7099	50S	K7080	7500U
K7060*	60	K7079	7500V
K7061*	75	K7078	10000S
K7062*	100	K7076	10000U
K7098	100S	K7075	10000V
K7097	200S	K7074	10000U
K7096	300S	K7073	15000S
K7095	400S	K7072	15000U
K7094	500S	K7070	20000S

Your Cost Each, Any Above Type..... **57¢**

K7068 25000S..... **73¢**

K7067 30000S..... **73¢**

K7064 75000S..... **1.18**

K7063 100000S..... **1.18**

Switch Covers For Above Switch coverplate only, fits all units. **K6837**—S.P.S.T. **20¢**

UTAH-Carter Wire Wound Midget Controls

Both rheostats and potentiometers are $1\frac{1}{2}$ " in diameter. Mount in $\frac{3}{8}$ " hole and extend $\frac{1}{4}$ " in back of the panel. $\frac{1}{4}$ " diameter shafts extend $1\frac{1}{2}$ ".

3-Watt Potentiometers			
Stock No.	Res. Ohms	Stock No. Res. Ohms	
K6515	6	K6520	400
K6516	10	K6521	500
K6517	15	K6522	1000
K6518	20	K6523	1500
K6519	200		

3-Watt Rheostats			
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 **23¢**

Switches cannot be used. Tapers: **U**—uniform; **C**—clockwise; **L**—counter-clockwise.

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

Your Cost Each..... **29¢**

YAXLEY RADIO PRODUCTS

YAXLEY Midget Jacks

Extremely compact. Mount in 1/4" hole. Type A-1 "Infant" jack is not illustrated.



No.	Part	Type	Each
K6182	A-1	Open Circuit	25c
K6183	A-2	Circuit Closing	25c
K6184	A-2A	Two Circuit	29c
K6185	A-3A	Cir. Reversing	35c

YAXLEY Junior Jacks



Compact, extend only 1 1/2" behind the panel. Heavily plated springs.

No. 701.	Open Circuit	23c
K6450—Your Cost		
K6451—No. 702.	Circuit closing.	
K6435—No. 702B.	Three circuit microphone.	32c
Your Cost, Either Type.		
No. 703—Single circuit filament control.		38c
K6452—Your Cost		
No. 704.	Interstage.	44c
K6453—Your Cost		
No. 706.	Interstage filament control.	56c
K6448—Your Cost		

YAXLEY Junior Jack Switches



Furnished with black knob; on-off plate. Mount in 1/4" hole.

up to 1/2" thick. 1 1/4" deep.

Two Position Switches			
No.	Part	Type	Each
K6470	720	S.P.S.T.	50.41
K6471	730	S.P.D.T.	.50
K6472	740	D.P.S.T.	.56
K6473	745	5-Spring	.65
K6474	760	D.P.D.T.	.73
K6475	733	3-P.S.T.	.73
K6469	744	4-P.S.T.	.94
Three Position Switches (Center Position Off)			
K6440	732	S.P.D.T.	.50
K6441	762	D.P.D.T.	.70
K6442	763	3-P.D.T.	.91
K6443	764	4-P.D.T.	1.15

YAXLEY Push Button Switches



Non-locking Types. Furnished with black Bakelite knob. Mounts

In 1/4" hole, panels up to 1/2".

K6460—No. 2001.	Make Contact.	
K6461—No. 2002.	Break Contact.	
Your Cost, Either Type.		
K6462—No. 2003.	S.P.D.T.	53c
Your Cost Each.		
K6457—No. 2004.	2-pole, 2-contact.	59c
K6464—No. 2005.	2-pole, break two contacts.	71c
Your Cost, Either Type.		
K6465—No. 2006.	D.P.D.T.	88c
Your Cost Each.		
K6463—No. 2007.	Make two circuits, break one.	76c
K6468—No. 2008.	D.P.D.T. Make before break.	97c

Midget Jack Switches

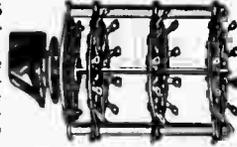
Requires little space. With knob, pointer and on-off plate. 1/4" hole mount.



No. 10—S.P.S.T.	
K6446—Your Cost	29c
No. 11—S.P.D.T.	
K6447—Your Cost	38c

YAXLEY Gang Switches

Contact members are heavily silver plated, and given a smooth hard finish. Contact shoe, of the self-cleaning type is of silver alloy. All switches are provided with one permanent stop and one adjustable stop. Bushings 3/8" and extend 3/8". Pointer type, Bakelite knob supplied.



SINGLE GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Total No. Circuits	Points	Your Cost Each
K6247	K6263	1 Circuit	1 to 6 points	50.59
K6248	K6264	1 Circuit	1 to 11 points	.68
K6249	K6265	2 Circuit	1 to 5 points each	.73
K6250	K6266	3 Circuit	1 to 3 points each	.79
K6251	K6267	4 Circuit	1 to 2 points each	.85

TWO GANG SWITCHES

K6252	K6268	2 Circuit	1 to 6 points each	.94
K6253	K6269	2 Circuit	1 to 11 points each	1.03
K6254	K6270	4 Circuit	1 to 5 points each	1.18
K6255	K6271	6 Circuit	1 to 3 points each	1.23
K6256	K6272	8 Circuit	1 to 2 points each	1.32

THREE GANG SWITCHES

K6257	K6273	3 Circuit	1 to 6 points each	1.29
K6258	K6274	3 Circuit	1 to 11 points each	1.38
K6259	K6275	6 Circuit	1 to 5 points each	1.47

FOUR GANG SWITCHES

K6260	K6276	4 Circuit	1 to 6 points each	1.62
K6261	K6277	4 Circuit	1 to 11 points each	1.76
K6262	K6278	8 Circuit	1 to 5 points each	2.06

FIVE GANG SWITCHES

K6279	K6280	5 Circuit	1 to 11 points each	2.20
K6284	K6285	10 Circuit	1 to 6 points each	2.70

SIX GANG SWITCHES

K6281	K6283	6 Circuit	1 to 11 points each	2.59
K6286	K6287	12 Circuit	1 to 6 points each	3.29

YAXLEY Ceramic "Hamband" Switches



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	51.00
K6643	2	2	1.59
K6644	3	3	2.29
K6645	4	4	2.88
K6646	5	5	3.59

K6647—Special dial plate for above. Numbered from 1 to 4.

Your Cost Each 9c

YAXLEY Special "Hamswitches"

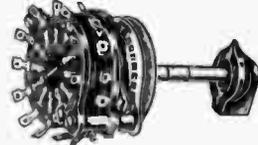
No. 151L: 2-gang, 5 circuit switch; 2 1/4" spacing between gangs. For "ham" x'mitter meter circuits. 1500 v.d.c. With bar knob and hardware.

No. 152L: For use in the "Two-Tube Coil Switching Receiver" described in 15th ed. of A.R.R.L. Handbook. 2-gang, 2-circuit, 6-positions. With knob.

K6377—Your Cost **\$1.06**

K6378—Each **\$1.32**

Special Switches



No. 1400L—12 positions; opens one line at a time while maintaining circuit through others. 1 3/4"x2 1/4" wide. 3/8" bushing. 2" notched shaft. With knob and dial plate. List \$4.50.

K6370—Your Cost **\$2.65**

Multiple Tap Switches

With Knob and Dial Plate



No. 150J: 15 point switch, shorting type. Mounts in 3/8" hole. **88c**

No. 1312A: 24 point switch, non-shorting type. **\$1.91**

"3100" Series Single-Gang Tap and Circuit Selector Switches



Suitable for use in many types of test circuits. 2" notched shafts, 1/2" diam. With black bar knob and mounting nut. 3/8" bushings. Same features as gang switches (listed above). *Have adjustable stop.

Shorting Stock No.	Non-Shorting Stock No.	No. of Circuits	No. of Contacts Per Circuit	Base Diam.	Your Cost
K6878	K6888	One	5	1 1/2"	\$0.44
K6879	K6889	One	12	1 3/4"	.44
K6890	K6890	Two	2	1 1/2"	.44
K6891	K6891	Two	3	1 3/4"	.44
K6880	K6892	Two	6	1 3/4"	.44
K6881	K6893	Three	4	1 3/4"	.53
K6882	K6894	Four	2	1 3/4"	.50
K6883	K6895	Four	3	1 3/4"	.53
K6884	K6896	One	17	1 1/2"*	.79
K6885	K6897	Two	9	1 1/2"*	.79
K6886	K6898	Three	6	1 1/2"*	.88
K6887	K6899	Six	3	1 1/2"*	.88

YAXLEY Etched Plates

Hard aluminum with numbers etched in white. Fit 3/8" bushings. Plates with on-off position for use with switches. Others for use with step type controls.



No.	Marking	No.	Marking
K6224	1 to 2	K6243	1 to 15
K6225	1 to 3	K6244	Volume
K6226	1 to 4	K6235	Off—1 to 3
K6227	1 to 5	K6236	Off—1 to 4
K6228	1 to 6	K6237	Off—1 to 5
K6229	1 to 7	K6238	Off—1 to 6
K6230	1 to 8	K6239	Off—1 to 7
K6231	1 to 9	K6240	Off—1 to 8
K6232	1 to 10	K6241	Off—1 to 9
K6233	1 to 11	K6242	Off—1 to 10
K6234	1 to 12		

Any Type, Your Cost 9c
K6223—Marked "0-100". Each 15c

Push-Button Switches



Type 2190: New series for use in test instruments, meter switching circuits, etc. Circuit transfer, non-shorting type; each button provides d.p.d.t. action. Low loss contact construction. With escutcheon, brown bakelite knobs, blank inserts and transparent strip for windows.

No.	Buttons	Shrp. Wt.	Each
K6615	4	2 lbs.	\$2.35
K6616	6	3 lbs.	2.94
K6617	8	3 lbs.	3.53

MALLORY BIAS CELLS

1 and 1 1/2 volt types. Cannot be used with a load and are not to be used for biasing power tubes.

K6419—1 volt.
K6424—1 1/2 volt.
Each 18c

Holders Only For Above

K6420—For 1 cell	6c
K6421—For 2 cells	12c
K6422—For 3 cells	15c
K6423—For 4 cells	21c

Round Head Jacks

Compact type. Insulated tops. Mount in 1/4" hole. Panels up to 3/8" thick.

K6534—Red	Each
K6535—Black	9c
K6536—Yellow	9c
K6537—Green	9c
Per Pair, 1-red, 1-black.	15c
K6538—Your Cost	..... 15c

Insulated Tip Jack

No. 420—Bakelite. Phone tips nest all the way in jack. Mount in a 1/4" hole.

K6505—Red	Each
K6506—Black	9c
K6507—Green	9c
K6508—Yellow	9c
Per Pair, 1-red, 1-black	15c
K6467—Your Cost	..... 15c

Molded Twin Jacks Shorting Type Circuit is closed when the tips are removed. Red or Black.

Specify color. 10 for \$1.50
K13035—Your Cost 17c

We can supply any Yaxley products not listed here at a discount of 40 and 2% from list.

Interference Eliminators & Locators

Cornell-Dubilier Quietones

A TYPE FOR USE ON EACH MACHINE
Each have plug end and receptacle, for connecting between noisy device and line.



IF-19-21



IF-6



IF-18

IF-6. Available in Ivory or Walnut. Specify color. For 110 V., 5 A. max. **K12492—Your Cost \$73^c**

IF-21. All-wave capacitive-inductive filter. For 110 V., 1.6 amps. max. In Ivory or Walnut Bakelite Case. Specify color. **K12495—Your Cost \$1.47**

IF-18. All-wave capacitive-inductive filter. For 110 volts, 5 amps. max. In Ivory or Walnut Bakelite case. Specify color. **K12493—Your Cost \$2.94**

IF-19. Capacitive-inductive filter. For 110 volts, 5 amps. max. Specify Ivory or Walnut. **K12494—Your Cost Each \$2.35**

Special Type Quietones



IF-22A-B



IF-4-5



IF-27-28

IF-22A. For use with Schick, Knapp Monarch and similar type shavers. In Ivory or Walnut Bakelite case. Specify color. **K12496—Your Cost \$1.03**

IF-22B. As above, but for Packard, Zephyr, Remington-Rand, Ronson, etc., shavers. **K12497—Specify color. Your Cost \$1.03**

IF-4. For small receivers where noise is not too severe. Ivory or Walnut Bakelite case. **K12490—Specify color. Your Cost .44^c**

IF-5. As above, but for small appliances such as mixers, hair dryers, etc. Ivory or Walnut Bakelite case. Specify color. **K12491—Your Cost .44^c**

IF-27. Capacitive-inductive filter for severe interference from oil burners, motors, etc. For 110 volts, 5 amps. max. In steel box; flexible leads. **K12498—Your Cost \$2.65**

IF-28. Same as above, but for 110 volt equipment drawing up to 10 amps. **K12499—Your Cost \$4.70**

SPRAGUE Interference Units

Interference Locator



Specialty designed, supersensitive receiver with built-in highly directional loop, "fish-pole" antenna, output meter, speaker and phone jack. Battery operated. Output meter accurately measures noise level; fishpole antenna determines height of noise source. Incorporates Economizer, to prolong battery life. With all tubes, batteries, etc. Shpg. wt. 15 lbs.

K21723—Your Cost \$40.87

Master Interference



Analyzer
Device for determining exact inductance and capacity required for removing interference from any electrical apparatus. Presents over 44 different filter combinations, provides correct filter for most stubborn cases. Connects directly to apparatus causing noise; carries up to 20 amps., on 110 or 220 volts AC or DC. With chart, containing numerous recommended filter circuits, and 24 page booklet on interference problems and solutions. In shielded metal case, with handle. Easy to operate. Shpg. wt. 8 lbs.

K21724—Your Cost \$23.46

SPRAGUE Interference Eliminators



Designed for direct application to interfering device. Use Locator and Analyzer for tracing noise and determining proper remedy. Then, through wall chart, apply proper eliminator. All for 110/220 V. AC-DC.



F-15. Triple-section Filter. Can size: $2\frac{1}{2} \times 1$ " dia. **K12444—Your Cost \$73^c**

F-25. Double-section Filter. Can size: $3\frac{1}{2} \times 1\frac{1}{2}$ " dia. **K12445—Your Cost \$1.32**

F-G1. Single-section Filter. Size: $1\frac{1}{8} \times 1\frac{1}{8}$ " dia. **K12446—Your Cost .38^c**

F-G10. Hi-capacity, single-section Filter. $3\frac{1}{4} \times 1\frac{1}{8}$ ". **K12447—Your Cost \$1.18**

F-11. Dual high-capacity Filter. Can size: $4\frac{1}{4} \times 1\frac{1}{2}$ ". **K12438—Your Cost \$1.69**

F-21. Dual, tubular Filter. Can size: $2\frac{1}{2} \times 1$ " dia. **K12441—Your Cost .59^c**

F-S1. Single section, with insulated can. Size: $2 \times \frac{3}{4}$ " dia. **K12448—Your Cost .44^c**

F-R2. Resistor-Capacitive Filter, for high-inductive circuits. Size: $2\frac{1}{2} \times 1$ " dia. **K12449—Your Cost .82^c**

CH-1. Shielded choke for RF filtering. 10 amp. rating. Dimensions: $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ". Wt. 1 lbs. **K12442—Your Cost .79^c**

CH-2. As above, but 20 amp. rating. $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". **K12443—Your Cost \$1.62**

TOBE FILTERS AND FILTERETTES

PLUG-IN FILTER



Capacitance type, needs no ground connection. Plugs into any 110-volt outlet, either a.c., or d.c. **K12607—Your Cost \$59^c**

Filterette For Electric Razors

The Tobe Electric Razor Filterette is scientifically constructed and designed to eliminate radio noise caused by using electric razors. It keeps the radio noise from reaching the light wiring. Works on any make electric razor using 110 volts a.c. or d.c. Shpg. wt. 1 lb. **K12615—Your Cost \$59^c**

Power Line Filterette

Reduces noises through the power line. Contains high efficiency inductances in both sides of line, to provide maximum filtering. Excellent for 110 volt AC or DC all-wave receivers. Capacity 250 watts. With cord and plug. Metal case, dim: $4 \times 3 \times 2$ ". **K12608—Type RF2 Your Cost \$2.79**



Filterette Jr.

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



Filterette Senior

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

Heavy Duty Filters

For use on motors, generators, farm lighting system, chargers, etc. In metal cut-out box. With necessary fuses. For 110 volts, a.c. or d.c. Available for 220 v.



Stock No.	Amps.	Wt.	Net
K12680	5	10	\$7.35
K12681	10	15	\$11.76

Oil Burner Filter

Similar to above, but specially designed for use with oil burners. Rated $2\frac{1}{2}$ amps. Shpg. wt. 8 lbs. **K12609—Your Cost \$4.67**

AEROVOX Interference Filters

IN-27



Small capacitive type for use between set and outlet. $1\frac{1}{2} \times 1\frac{1}{4}$ ". Keeps noise out of line and wiring. Shpg. wt. 1 lb. **K4801—Your Cost Each \$38^c**

IN-28



Designed for mtg. directly on the noise causing device. Only $1\frac{1}{8} \times 1\frac{3}{4}$ ". **K4802—Your Cost Each \$56^c**

IN-29



Affords greater filter action than IN-27 and 28. Ideal for electric razors. $1\frac{1}{2} \times 2\frac{1}{8}$ ". Shpg. wt. 1 lb. **K4803—Your Cost \$44^c**

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 $1\frac{1}{2} \times 2\frac{1}{8}$ ". Wt. 1 lb. **K4804—Your Cost \$73^c**

IN-31



Plugs between attachment cord and electric outlet of either set or appliance. Provides additional inductance for better filtering. $1\frac{1}{2} \times 2\frac{1}{4}$ ". **K4805—Your Cost Each \$88^c**

Antenna Substitute ANT-32

Plugs into outlet or light socket. Flexible lead connects with set antenna. Provides good aerial substitute under average wiring conditions. $1\frac{1}{2} \times 1\frac{3}{4}$ ". **K4806—Your Cost Each \$59^c**

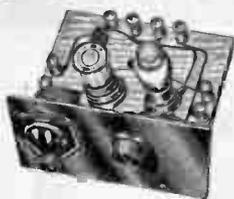


IN-24 Heavy Duty Noise Filter



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: $4 \times 2\frac{1}{2} \times 3\frac{1}{2}$ ". With cord and plug. Wt. 3 lbs. **K4792—Your Cost \$2.79**

Laboratory Tested *Lafayette* Kits



1 Tube Battery Operated All Wave Kit

A baby in size but a giant in performance. Easy to build and works well for short waves as well as regular broadcast. Comes with broadcast coils (range 190-550 meters) as standard equipment and short wave coils cost only a few cents extra. This is the kind of a set most "hams" start with. Requires only two batteries; 1-1½ volt "A" and 1-22½ volt "B". Uses 1 type 30 tube. Supplied in complete kit form, but including 7x10" drilled steel panel (finished attractively in crackle black), baseboard and all necessary parts. Instructions furnished. Shpg. wt. 4 lbs. **K20354**—Complete kit of parts less tube, batteries and cabinet. (Broadcast coils \$3.95 only.) **Your Cost \$3.95**
K20122—"A" Battery. **Your Cost 33c**
K20106—"B" Battery. **Your Cost 74c**
K20355—Set of short wave coils. (4 coils). **Your Cost 98c**
Lafayette Type 30 Tube. Each 33c
Headphones described on page 144.

New 4 Tube Improved AC-DC TRF Receiver Kit



A new improved A.C.-D.C. TRF Kit that has greatly increased power due to a new, more powerful output amplifying tube and better tone due to a new full dynamic speaker. Sensitivity and selectivity have also been improved and the usual line cord resistor has been eliminated by using an entirely new tube lineup. The tubes employed include: 1—12K7GT, 1—12J7GT, 1—50L6GT and 1—35Z4GT as respectively RF stage, detector, beam-power amplifier and rectifier. The electro-dynamic speaker is 5" in diameter and is capable of excellent tone quality and will easily handle the full output of the receiver without distortion.

Walnut Finished Cabinet

A beautiful walnut finished cabinet is available for this receiver. Overall dimensions are: 10" long, 8½" high and 5¼" deep. All necessary holes are drilled and the opening for the speaker is covered with an attractive grille cloth. **K20361**—Improved 4 tube A.C.-D.C. Receiver Kit. Less tubes and cabinet. Shpg. wt. 8 lbs. **Your Cost \$5.95**
K20351—Walnut finished wood cabinet for the above receiver. (May also be used for the kit listed below.) Wt. 3 lbs. **Your Cost \$1.98**

4 Tube Loop-Operated Battery Portable

Employs New Low-Drain Type Tubes



The radio you have always wanted! Carry it with you anywhere you go—at the beach—in the mountains—on your boat—no matter where you are it will perform wonderfully well without an external connection of any kind! No aerial—no ground—no house current!

It has been so cleverly designed and the instructions are so clearly written that you'll be amazed at how easy and how quickly you can build this set. It employs four of the new low-drain tubes ("A" battery drain for all 4 is only 250 milliamperes) including: 1—1A7GT mixer-oscillator; 1—1N5GT IF amplifier; 1—1H5GT second detector—AVC—1st audio; 1—1Q5GT beam power output tube. Total "B" current drain is only 12 ma.

You can use any type of PM (permanent magnet) dynamic speaker or magnetic speaker. The load impedance (matching transformer impedance) required is 9000 ohms (most universal transformers have this impedance).

For suitable speakers see pages 82, 83, 84.

K20362—4 Tube Loop-Operated Portable Battery Kit. Less Speaker, Tubes, Batteries and cabinet. Shpg. wt. 8 lbs. **Your Cost \$7.75**

3-Tube AC Operated Short-Wave Kit



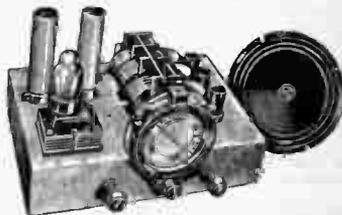
Here is a three-tube a.c. operated short-wave kit that is amazingly sensitive and will supply unusual volume. A dynamic speaker is included to provide excellent tone on all stations. A velvet-smooth regeneration control is highly effective and gives this outfit a real "sock". 4 short-wave coils are furnished with the kit. A coil set covering the standard broadcast band is available. Front panel attractively finished in professional black crackle. Sturdy cadmium plated metal chassis is completely drilled and punched. Assembly and wiring are made exceptionally simple and the set can be in operation within a few hours after you start. Kit is furnished complete with all necessary components, wire, hardware and clear instructions. Designed especially for students and beginners in radio, but also a fine set for set constructors and experimenters. For operation on 110 volts, 50/60 cycles a.c. **K20356**—3 tube short-wave kit, complete, less tubes. Shpg. wt. 10 lbs. **Your Cost \$8.75**
K10041—Set of Broadcast coils for above. **Your Cost \$65c**
1 Kit Lafayette Tubes (1—6V6, 1—6J7, 1—80). **Your Cost \$1.46**

4 Tube AC-DC TRF Broadcast Receiver



An excellent performer and capable of operating on both a.c. and d.c. Loads of volume and very clear tone. When completed, it's a real handy and fine operating receiver, which you will value highly. Requires no lengthy antenna for satisfactory operation; a short length of flexible antenna wire (supplied) thrown on the floor, or out the window, is all that is necessary. Extremely simple to build. All parts furnished. Steel-cadmium plated chassis is drilled and punched for all necessary holes. Specially matched coils and condensers. Uses 1—39, 1—56, 1—38 and 1—1 V. tubes. Includes 5" magnetic speaker. Shpg. wt. 5 lbs. **K20353**—Complete kit of parts \$4.95 less cabinet and tubes. **Your Cost \$4.95**
K20351—Modern, attractive walnut finished wood cabinet for above. Dimensions: 10x8½x5¼". Drilled, with fine speaker grille cloth mounted—ready to accommodate above chassis. Shpg. wt. 3 lbs. **Your Cost \$1.98**

7 Tube Hi-Fi Receiver



A fine 7 tube receiver that will give excellent results. The TRF circuit used is similar to that used in modern high fidelity receivers and will give excellent tone quality. Tubes used: 2—6SK7, 1—6SJ7, 1—6SC7, 2—6G6G and 1—5Y3.

Complete Receiver Kit

The kit is complete in every detail (except for tubes and speaker) and includes all necessary parts even screws, washers, nuts, brackets, lugs, pilot bulbs, hookup wire and solder. All are of good quality assuring good service. Any PM dynamic speaker may be used, a suitable matching transformer is included as part of the set.

K20359—7 Tube Hi-Fi Receiver Kit less speaker, tubes and cabinet. Shpg. wt. 16 lbs. **Your Cost \$9.95**

K19229—Magnavox 8" PM Dynamic Speaker. Shpg. wt. 6 lbs. **Your Cost, Special \$1.95**

New "Utility" Amplifier Kit



A general all-purpose amplifier for use with a radio tuner, phono-pickup or crystal microphone. Has two input channels—1 for mike—1 for phono or radio. Overall gain of the amplifier is 90 db. Power output—3 wats. It will also furnish 6.3 V. @ 1 amp. and 250 V. @ 30 ma. for a radio tuner. The output load impedance required is 7500 ohms and any speaker with a matching transformer capable of matching this impedance may be used. Speaker should be of the PM (permanent magnet dynamic) type. Input impedance of the amplifier is 150,000 ohms. Tubes employed include: 1—6J7, 1—6F5, 1—6K6G and 1—80 rectifier. The amplifier is designed for operation on 110 Volts 50/60 cycles a.c. The kit is supplied complete with all necessary parts including wire, solder and full instructions. A speaker, however, is not supplied since many will want to use those they already have on hand. Shpg. wt. 10 lbs. **K20360** (Less tubes and speaker) **\$6.95**
Your Cost
For tubes see pages 33, 34, 35. For suitable speakers see pages 82, 83, 84.

4 Tube AC Short-Wave Superhet Kit



Here's a real performer! Covers all important short wave bands. Receives CW signals as well as phone. Excellent tone with 3-inch genuine dynamic speaker. High gain mixer-oscillator stage and regenerative second detector make this 4 tube receiver as sensitive and powerful as many larger receivers. Uses attractively black crackled finish drilled panel, and cadmium-plated drilled chassis. Unusually easy to build. Employs metal tubes and plug-in type coils. Tubes used: 1—6A8, 1—6K7, 1—6F6 and 1—80. With all parts and instructions and set of 4 short-wave coils. Wt. 11 lbs. **K20357**—4 Tube A.C. Superhet Kit, less tubes, and cabinet. **Your Cost \$13.95**
Kit of Lafayette Tubes \$1.98

Photo-Cell Kits

Definitely not a toy. S.P.D.T. relay handles 1 A. @ 110 V. Operates motors, alarms, etc. Sensitive photo-cell. 25L6G tube in A.C.-D.C. model. 1Q5GT in Battery model which requires 1—1½ V., 1—22½ V., and 2—45 V. batteries. Battery light source requires 6 V. Storage Battery. A.C. or D.C. light source operates on any 110 volt current. The receiver kits are complete in every detail including chassis, tube, photo-cell, relay and all necessary parts plus complete instructions for assembling and wiring. Shpg. wt. 5 lbs. for receiver, 3 lbs. for light source.



K15667—A.C.-D.C. Relay Kit **\$5.90**
K15668—Battery Relay Kit **\$5.90**
K15669—A.C.-D.C. Light Source **\$4.40**
K15670—Battery Light Source **\$4.40**

PRICES SUBJECT TO CHANGE . . . WITHOUT NOTICE

Meissner "BUILD-YOUR-OWN" KITS

ALL KITS ARE COMPLETE--NOTHING ELSE TO BUY!

14-Tube "Traffic Master"



Here it is! The deluxe, custom built All-Wave receiver that has everything. It provides uninterrupted reception in five bands covering from 530 kc. to 32.4 mc. (9.25 to 565 meters) and affords a new high in tone quality and performance. Features: "television" tube in R.F. stage (all bands); better than 1 m.v. sensitivity on all "ham" bands; 5-Band Pre-Aligned Tuning Unit; large dial has 9" scales; 3-gang condenser; Align-Aire (air tuned) coils; Mono-Unit crystal filter (factory assembled and aligned); built-in noise silencer; beat freq. osc.; "R" indication meter; two-stage Ferrocart (iron core) i.f. stages tone control; headphone jack; stand-by switch; doublet antenna connections; 8.5 watts output. With all parts, diagrams, etc. Chassis 13x17x3".

K21212—Complete kit, less tubes, speaker, panel and cabinet. Shpg. wt. 32 lbs. List \$136.50. **Your Cost** **\$80.26**

K21117—Drilled Panel only \$2.35

K21118—Steel Cabinet 14x19x10" \$5.00

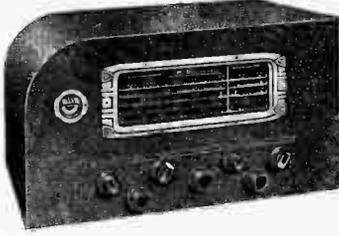
Requires: 1-1853, 1-6K8, 1-6J7G, 1-6K7, 1-6J7, 2-6H6's, 1-6L7, 1-6C8G, 2-6V6G's, 1-5V4G, 1-6C5, and 1-VR160 voltage reg. See pages 33-35 and 159.

Completely Assembled Tuning Unit

Only 7 connections to make to feed into 456 kc. i.f. channel. Uses 1853 r.f., 6K8 mixer and 6J7G osc. tubes. Steatite sockets.

K21213—Your Cost, Less Tubes **\$32.63**

12-Tube "Custom" Super



Provides complete coverage in FIVE BANDS (from 7.15 to 2270 meters (132 kc. to 42 mc.)). Features: **Factory Aligned and Wired Tuning Unit**; "television" tubes in R.F. stages; 9" linear scales on slide rule dial; smooth vernier; precision 3-gang condenser; Align-aire (air tuned) coils; two-stage Ferrocart (iron core) I.F. channel with electrically variable band expansion; diode second detector; separate bass and treble controls; phono-jack; inverse feedback, 15-watts output. Chassis 10x17x3". Complete with all parts, diagrams, etc. **Available with push-buttons (7 stations) or with Tuning "Eye"**.

K21209—Complete kit of parts for Push-Button model, less tubes, speaker, cabinet and panel. Shpg. wt. 32 lbs. **Your Cost** **\$58.50**

K21210—As above, but for tuning "eye" model. (No push-buttons.) **Your Cost** **\$52.04**

K21122—Panel for Push-Button Kit \$2.06

K21123—Panel for Tuning "Eye" Kit 2.06

K21145—Cabinet for P.-B. Kit 5.00

K21146—Cabinet for "Eye" Kit 4.41

Requires: 2-1853's, 1-6SA7, 2-6K7, 1-6H6, 2-6C5's, 2-6L6's, 1-5X4 and 1-6G5 tuning "eye" or 1-6A7 push-button converter (specify type desired). See pages 33-35.

Completely Assembled Tuning Unit

K21211—Only 7 connections to feed into 456 kc. i.f. Uses 1853 r.f., 6SA7 mixer and 1853 osc. tubes. **Your Cost, Less Tubes** **\$26.75**

9-Tube "Custom" Super



A new, improved custom built All-Wave receiver that combines exceptional tone quality with superior performance. Anyone can assemble the kit, using only a screwdriver, pliers and a soldering iron. All parts, including hardware and wire, plus pictorial and schematic diagrams are furnished. Features include: **FOUR BANDS** covering from 7.15 to 565 meters (540 kc. to 42 mc.) without a skip; Alignaire (air-tuned) coils for each band; R.F. STAGE ON ALL BANDS, using the new "television" tubes; 4-band factory wired and aligned coil assembly; full vision calibrated slide-rule dial; single stage high gain Ferrocart (iron core) I.F. channel; Automatic Volume Control; inverse feedback in output stage; push-pull output stage delivers 8.5 watts of undistorted power; **TUNING EYE** for visual station adjustment. Black crackle finished chassis and cabinet. For 110 V., 50-60 cycles a.c. **K21208**—Complete Kit of Parts, less tubes, speaker, cabinet and panel. Shpg. wt. 25 lbs. **Your Cost** **\$34.99**

K21139—Drilled panel. **Your Cost** **\$1.76**

K21146—Cabinet only; 19 1/4 x 10 x 11 1/2". **Your Cost** **\$4.41**

Requires following tubes: 2-1853's, 1-6SA7, 1-6K7, 1-6F8G, 2-6V6G's, 1-5Y4G and 1-6G5 tuning "eye." See pages 33-35 and 159.

NOTE: All Kits on this and the preceding page are for 110 volts A.C. only.

Portable Battery Set



Complete parts kit, including diagrams, for building the latest type superheterodyne battery operated receiver. Uses five low drain tubes (1-1A7G, 2-1N5G's, 1-1H58 and 1-1C5G) and includes an efficient P.M. speaker that provides excellent tone. Tuning range from 530 to 1600 kc. Has built-in loop aerial—NO WIRES TO ATTACH. Plays anywhere. Canvas covered portable case only 13" long, 9" deep, 8 1/2" high; weighs only 15 lbs. complete. Space for batteries (requires 1-1 1/2 volt "A" like Eveready #742 and 2-45 volt "B" 's like Eveready #762). **Less tubes and batteries.**

Complete Kit, with cabinet. Shpg. wt. 11 lbs. **Your Cost** **\$18.23**

K21205—Your Cost \$18.23

Complete Kit, less cabinet. Shpg. wt. 9 lbs. **Your Cost** **\$14.70**

K21206—Each \$14.70

Cabinet only. **Your Cost** **\$4.12**

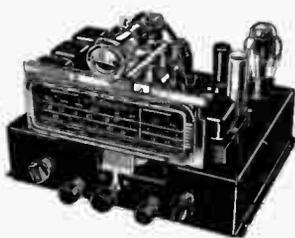
K21207—Your Cost \$4.12

Kit of batteries. **Your Cost** **\$2.40**

For Tubes refer to pages 33-35.

7-Tube A.C. "Utility" Superhets

A series of well designed sets that will out-perform many that use more tubes. Features: low cost and easy assembly; cathode ray tuning "eye"; r.f. stage on all bands; 3-gang condenser; slide rule dial with 7 1/4" scales; sensitivity control (not on broadcast model); Ferrocart (iron core) I.F. channel; A.V.C.; audio volume control; class A output delivers 4.5 watts of power. Kits contain all parts, wire, hardware, diagrams, etc. For 110 volts, 50-60 cycles a.c. operation.



Broadcast Band Only

Tunes from 530 to 1660 kc. Less tubes, panel, cabinet and speaker. Shpg. wt. 13 lbs. List \$34.75. **Your Cost** **\$20.44**

K21124—Your Cost \$20.44

Broadcast and Short-Wave Bands

Tunes 530 to 1660 kc. and 5.8 to 18.8 mc. (16.2 to 52 meters), covering popular s-w band. Less tubes, panel, cabinet and speaker. Shpg. wt. 13 lbs. List 538.75. **Your Cost** **\$22.78**

K21125—Your Cost \$22.78

Broadcast, Police and Short Wave Bands

Tunes 537 to 1770 kc., 1.75 to 5.4 mc. and 5.2 to 18.5 mc. Less tubes, speaker, cabinet and panel. Shpg. wt. 13 lbs. List \$41.75. **Your Cost** **\$24.55**

K21126—List \$41.75. **Your Cost** \$24.55

Accessories for Above Kits

K21147—Front Panel for "Broadcast" Model \$1.09

K21129—Front Panel for all other models 1.09

K21130—Cabinet for ALL models 2.65

Following Tubes Required for ALL Models: 2-6K7's, 1-6A8, 1-6Q7, 1-6G5, 1-6V6, and 1-5Y4G. Refer to pages 33-35.

8-Tube A.C. "Combination" Super



A highly efficient, low priced receiver that covers from 7.1 to 560 meters in four overlapping bands. Features: Air tuned multi-wave coil assembly, **factory wired and aligned**; slide rule dial with 9" linear scales; beat freq. osc. with pitch control and cut-out switch; Ferrocart (iron core) I.F. transformers; R.F. gain and automatic volume controls; Audio volume control; 3-gang precision condenser; 8-octal base tubes. Kit includes all parts except tubes and speaker. Diagrams furnished.

K10346—Complete kit of parts, less tubes, panel and cabinet. Wt. 24 lbs. **Your Cost** **\$33.80**

K10347—Drilled Panel. **Your Cost** **\$2.06**

K21134—Steel cabinet only (15x10 3/4 x 11 1/2"). **Your Cost** **\$4.41**

Requires Following Tubes: 2-6K7, 1-6J7, 1-6L7, 1-6C5, 1-6Q7, 1-6V6 and 1-5Y4G. Refer to Pages 33-35.

TIME PAYMENTS ON MEISSNER KITS

All Meissner kits selling at \$20.00 or more are now available on a 6-month easy-payment plan. Write for full details.

Meissner "BUILD-YOUR-OWN" KITS

PUBLIC ADDRESS TUNERS

High-Fidelity Model



Designed entirely for reception from local, or near-by powerful, broadcast stations. Wide band selectivity permits true high-fidelity reproduction. Audio response essentially flat from 40 to 10,000 cycles. Band pass TRF circuit employs 4 gang 365 mmf. tuning condenser. Covers complete broadcast band from 535 to 1600 kc. Exceptionally low hum level. Automatic volume control. Output impedances 2500 and 10,000 ohms. Employs 2-6K7, 1-6H6, 1-6F8G, and 1-5Z4 tubes (not included). Monitoring jack on front panel. Cabinet dimensions:

8 $\frac{3}{8}$ x 8 $\frac{3}{8}$ x 12 $\frac{1}{2}$ " deep. Shipping weight 14 lbs. Kit includes all parts, hardware and full instructions. **Less panel, cabinet and tubes.**
K10368—Complete Kit as described. 110 V. 60 cycles a.c. \$25.43
Your Cost
K10353—Front panel. Black crystal finished steel. 73c
K10354—Steel Cabinet. \$2.80

"UTILITY" Model Tuner

A general purpose Tuner Kit similar to the above but has excellent sensitivity and fair selectivity. May be used for local or distant station reception. T.R.F. with 4 tuned circuits. Employs Ferrocart iron-core transformers. Other features as above. Tubes: 3-6K7, 1-6H6, 1-6F8G and 1-5Z4 (not included). Kit includes parts, hardware and instructions. **Less Tubes, Front Panel and Cabinet.** Shpg. wt. 14 lbs.

K10352—Complete, as described. 110 V. 60 cycles a.c. \$23.96
Your Cost
K10353—Front Panel. Black crystal finished steel. 73c
K10354—Cabinet 8 $\frac{3}{8}$ x 8 $\frac{3}{8}$ x 12 $\frac{1}{2}$ ". \$2.80

"DUAL-BAND" P.A. Tuner

Super-hot circuit with a stage of R.F. on each band. Covers 540 to 1600 kc and 5.9 to 18.8 mc. Very good selectivity and employs a cathode-ray tuning eye and diode AVC circuit. Extremely good filter circuit results in low hum level. Monitoring jack on front panel. Output imp. 2500 and 10,000 ohms. Cabinet 11x14x10" (larger than above models illustrated). Employs 2-6K7, 1-6K8, 1-6H6, 1-6F8G, 1-5Z4 and 1-6G5 (not supplied). Parts, hardware and instructions furnished. **Less Tubes, Panel and Cabinet.** For 110 V. 60 cycles a.c. Shpg. wt. 14 lbs.

K10371—Complete Kit as described. \$22.05
Your Cost
K10372—Front Panel. Black crystal finished. \$1.09
K12130—Cabinet. Black crystal finished steel. \$2.65

Tubes Listed on pages 33-35.

MEISSNER Instruction Manual

The latest edition of this very popular manual. A complete how-to-make-it guide covering the entire Meissner line from the one tube kit right through to the complete Television receiver and including the Meissner Analyst and other specialized units. Complete technical data, pictorial and schematic diagrams, alignment instructions, etc. 168 pages. **K19978—Your Cost. 48c**



Meissner WAVE TRAPS



DeLuxe Dual Universal Wave Trap. Tunes 400-475 kc. to eliminate code signals. Also tunes 550-1950 kc. for broadcast and police band interference. Employs Ferrocart iron core for hi-efficiency. **K10014—Your Cost. \$1.55**

DeLuxe Dual Amateur Band Wave Trap. Tunes 1.5 to 7.5 Mc., 40 and 80 and 160 meters. Screwdriver adjust. **K10032—Your Cost. \$1.55**

DeLuxe Dual Broadcast Band Wave Trap. Similar to Dual Universal model, but for 550-1950 kc. band only. **K9958—Your Cost. \$1.55**

Standard Wave Traps to cover interference in specific ranges.

Broadcast Bands
K9960—400 to 700 kc.
K9961—650 to 1000 kc.
K9962—950 to 1600 kc.

Amateur Bands
K9963—20 Meter Amateur Band.
K9964—40 Meter Amateur Band.
K9965—80 Meter Amateur Band.
K9966—160 Meter Amateur Band.
 All models above in crackle-finished 1 $\frac{1}{2}$ " square can. **Above Types, Each. 73c**

Stand. 456 kc. I.F. Wave Traps: Same as above but for I.F. code interference elimination only. **K9967—Your Cost. 53c**

Unshielded Model. Similar to the above but less the shield. **K9969—Your Cost. 38c**



MEISSNER 10 kc Audio Filter

Eliminates 10 kc Squeals and Whistles that are so common on the broadcast band. Consists of two filter circuits that greatly attenuate the 10 kc note so that it will not spoil reception. Connects into plate circuit of power output tube of radio set or amplifier. Two required for push-pull stages. Operates with any standard power tube—carries up to 75 ma. 1 $\frac{3}{4}$ " square by 2 $\frac{1}{4}$ " high. **K10026—Your Cost Each. \$2.06**

STUDENTS ALL-WAVE KITS



These new Meissner Student's Kits have been adopted by a number of high schools as standard for instruction purposes. They are excellent for any beginner or experimenter and are not toys but real honest-to-goodness radio sets that perform surprisingly well. You can start with the 1 tube kit and add thereto by means of the "add-on" kits to make it progressively a 2 and then a 3 tube set. All kits employ the same 3 tube chassis making enlargement a simple matter. **Broadcast coil furnished with each kit** (except "Add-on" Kits).

ONE TUBE KIT

Employs 1 type 1E4G tube, 1 1 $\frac{1}{2}$ volt dry cell and 1 45 volt "B" battery. Excellent headphone reception. Has regeneration control in addition to main tuning dial. **K10415—Kit, less tube, batteries and headphones. \$2.65**

TWO TUBE KIT

Employs 1 type 1C5G and 1 type 1E4G. Requires 1-1 $\frac{1}{2}$ V. "A" and 2 45 V. "B" batteries, and 1-7 $\frac{1}{2}$ V. "C" battery. More gain and greater distance than 1 tube model. **K10416—Kit, less tubes, batteries and headphones. \$2.94**

THREE TUBE KIT

A really deluxe job that will operate a speaker (see listing below) with good volume. Has volume control to adjust volume when using headphones. Employs 1-1E4G, 1-1C5G and 1-1H5G tubes. Requires 1-1 $\frac{1}{2}$ V. "A", 2-45 V. "B" and 1-7 $\frac{1}{2}$ V. "C" batteries. **K10417—Kit, less tubes, batteries and headphones. \$3.68**

"ADD-ON" KITS

K10418—Converts a one tube kit into a two tube model. Tube not included. Your Cost. 45c
K10419—Converts a two tube kit into a three tube model. Tube not included. Your Cost. \$1.09

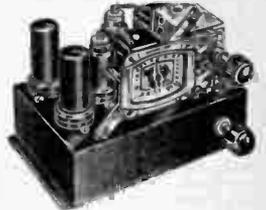
ACCESSORIES

Extra Plug-in Coils for all Kits
 Only a broadcast band coil is furnished with each kit. The following coils enable reception in the bands indicated.
K10420—70 to 200 meters. Each 23c
K10421—35 to 70 meters. 23c
K10422—17 to 35 meters. 23c
K10423—545 to 1500 meters (Long Wave) Each. 88c

Tubes and Batteries
1C5G Tube. Refer to Pages 33 and 35.
1H5G Tube
1E4G Tube
K20122—1 $\frac{1}{2}$ V. "A" battery. 33c
K20100—45 V. "B" battery. \$1.01
K20114—7 $\frac{1}{2}$ V. "C" battery. 48c
K13896—Single Headset. 66c
K13892—Double Headset. 97c
See bottom of page for Speaker

4-TUBE AC-DC T.R.F. KIT

A small compact receiver with amazing sensitivity and tone quality may be constructed from this kit. Tunes the broadcast band, 530 to 1600 kc. Operates from any 110 volt line, either AC or DC. Requires 1-6K7, 1-6J7, 1-25A6, 1-25Z6. Complete kit includes all coils, condensers, resistors, controls, hardware, wire, solder, etc., necessary for construction with complete pictorial and schematic diagrams and explicit wiring and operating instructions. **K10362—Kit as above, less chassis, tubes and speaker. Your Cost. \$7.20**



K10363—Punched and drilled chassis for above, 7x4 $\frac{1}{2}$ x2". \$1.32
Tubes for above listed on pages 33-35.

5-TUBE AC T.R.F. KIT

A low-cost, easy-to-build kit with exceptional sensitivity and selectivity. T.R.F. circuit provides fine tone quality. Covers full broadcast band, 550-1600 kc. (185-565 meters). Has two tuned r.f. stages (3 tuned circuits), 3-gang condenser, 4" dial, volume and tone control, pentode output. Requires 2-6K7, 1-6J7, 1-6F6 and 1-5Y4G. Kit includes all coils, condensers, drilled chassis 7x9x2", resistors, wire, solder, hardware, etc., necessary for construction. Complete pictorial and schematic diagram, full wiring and operating instructions. **K10364—Kit, less tubes and speaker. Your Cost. \$12.64**



Tubes for above listed on pages 33-35.

SPEAKERS FOR ALL MEISSNER KITS

Specialty selected speakers that assure the utmost in performance from every Meissner Kit.

Kit	Type of Speaker	Stock No.	Your Cost
14 Tube—	10" P.M. dynamic	K10391	\$4.00
14 Tube—	12" P.M. dynamic	K10392	4.70
12 Tube—	12" heavy duty dynamic	K10393	6.64
9 Tube Custom—	10" heavy duty dynamic	K19284	3.09
8 Tube Combination—	8" dynamic	K19283	2.25
7 Tube Series—	8" dynamic	K19283	2.25
5 Tube AC TRF—	6" dynamic	K19109	1.65
4 Tube AC-DC—	5" P.M. dynamic	K10394	1.78
3 Tube Kits—	3" magnetic	K19121	.88

Meissner COILS FOR EVERY REQUIREMENT

"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 cut plate or padding condenser circuits. Black crackle cans $1\frac{3}{4} \times 1\frac{1}{2} \times 2\frac{1}{2}$ " high. Mtg. centers $1\frac{1}{8}$ ".

Stock No. Type
K10120 Antenna
K10121 R. F.
K10123 Oscillator

Each
\$1.18

Unshielded Coils

As above but without shield cans.

K10007 Antenna
K10008 R. F.
K10009 Oscillator

Each
73¢

MEISSNER Iron-Core Transformers



Uses new Ferrocart core which improves selectivity, doubles gain, increases signals and lowers set noise. Core of fine particles of pure soft iron insulated from each other. Have ceramic top tuning double trimmers. Leads are RMA color-coded. Aluminum shield can measures $1\frac{3}{8} \times 1\frac{3}{8} \times 3\frac{1}{2}$ ". Black crackle finish.

Stock No. Freq. Kc. Set Position
K9690 175 Input
K9697 175 Interstage
K9688 175 Output
K9689 456 Input
K9698 456 Interstage
K9687 456 Output
K9753 1500 Input
K9755 1500 Interstage Output

Your Cost, Per Unit, Any Type.....
\$1.18

MEISSNER Ferrocart Band Expanding I.F. Transformers



Razor sharp to "high fidelity" selectivity at will for C.W. or broadcast reception. Two units provide almost "single signal" selectivity in the "sharp" position. Simple 2 or 3 position switch provides change-over in band width. Black crackle metal can $1\frac{3}{8} \times 1\frac{3}{8} \times 3\frac{1}{2}$ ". Double tuned with mica trimmers.

K10184 — 2 position — "Sharp" or "High Fidelity." Range 340-640 kc.
Your Cost Each..... \$1.76
K10185 — 3 position — "Sharp," "Medium" & "Hi-Fidelity." Range 340-640 kc.
Your Cost Each..... \$2.06

"Wireless" Phonograph Oscillator Coil



Has knob for frequency adjustment. Instructions and diagram furnished. $1\frac{3}{8} \times 1\frac{3}{8} \times 3\frac{1}{2}$ ".
K10001 Oscillator Coil for Phonos.
Each..... \$1.47

New! Meissner "Plastic" I.F. Transformers Stable—Compact—Wide Range

A new transformer in which the trimmer base and the coil form (dowel) are moulded in one piece. The use of a special plastic material permits holding dimensions to within .0005". Trimmers "floated" away from the base with an air-gap between the bottom plate and plastic base. Wide range. Compact in size; $1\frac{1}{4} \times 1\frac{1}{4}$ " square by $2\frac{1}{2}$ " high. Underwriters approved live rubber leads, specially-served Litz wire. Double tuned. Aluminum shield can. Unaffected by temperature, humidity and vibration. Remarkably stable. Excellent for replacements or in new receivers.



Stock No.	Use	Range Kc.	Set At Kc.	Gain
K10373	Input	140-200	175	71
K10374	Interstage	148-250	175	16
K10375	Output	140-200	175	70
K10376	Input	200-310	262	50
K10377	Interstage	200-310	262	16
K10378	Output	200-310	262	70
K10379	Input	305-480	370	53
K10380	Interstage	305-480	370	20
K10381	Output	305-480	370	80
K10382	Input	400-550	456	52
K10383	Interstage	400-550	456	21
K10384	Output	400-550	456	72

List \$1.00
Your Cost Each, Any of the Above..... \$0.59

"Drift Proof" Iron Core I.F. Transformers "Air-Tuned"

Latest type Ferrocart (iron core) I.F. transformers tuned with the famous Align-Aire trimmers that are absolutely stable under temperature and humidity changes and violent vibration. These new trimmers permit 3600" micrometer-smooth tuning from top of can. Double tuned. Bus bar construction. Cans black crackle— $2x2x4\frac{3}{4}$ ".



Stock No.	Peak Kc.	Type	Freq. Range
K10264	456	Input	415
K10265	456	Inter.	to
K10266	456	Outp.	540
K10267	456	Outp.CCT	
K10153	1500	Input- or Interstage to	1325
K10155	1500	Output	1750

Any Type Above
Your Cost Each..... \$2.94

"Permeability Tuned"

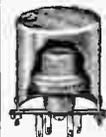
Drift-proof transformers similar to the above but permeability tuned with adjustable iron cores. $1\frac{3}{8} \times 1\frac{3}{8} \times 3\frac{1}{2}$ ".
K10386 — 456 kc.* Input
K10387 — 456 kc.* Interstage
K10388 — 456 kc.* Output
 *Range 440-500 kc.
Any Above Each..... \$1.76

NEW! "Cart-Wheel" I.F. Replacement

Same size and style of I.F. transformer as used in most of the \$9.95 midgets on the market such as RCA, Belmont, Emerson, etc. Trimmer base and supporting dowel made of molded plastic. Accurately wound coils. May be used as input or as output transformer. Designed for 456 kc. operation. Can be used as replacement or in new receiver construction. Size: $1\frac{3}{8} \times 1\frac{1}{2} \times 1\frac{1}{4}$ " high overall.
K10385—Your Cost Each..... \$0.59



OSCILLATOR COILS



For 190 to 550 meter broadcast band. Used with .000365 mfd. condenser; impregnated. Shielded type is $1\frac{3}{8}$ " high, $1\frac{1}{2}$ " diam. These coils can be used with any I.F. transformers and any r.f. and antenna

coils. Padder condensers not supplied with coils.
 No. Freq. Kc. Padder Mmfd. No. Unshielded
K10029 175 900 **K10028**
K10031 456 350 **K10030**
 Shielded **Each..... \$0.56**
 Unshielded **Each..... \$0.44**
 Padders for above **Each**
K9779—900 mmfd..... 30c
K9770—350 mmfd..... 29c

MEISSNER 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 $1\frac{3}{8} \times 1\frac{1}{2} \times 2\frac{1}{2}$ ".



K10046—Ant. Coil
K10047—R.F. Coil/Each..... **\$0.59**

NEW! Compact Ant. and R.F. Coils

New series of compact coils designed particularly for use where space is limited. 190-550 meters with 365 mmfd. condenser. High impedance primary, Litz secondary. $\frac{5}{8}$ " d. form, $1\frac{3}{8}$ " long. Shielded coils mounted in $1\frac{1}{2}$ " d. cans, 2" long.

SHIELDED
K10005—Ant. Coil
K10006—R.F. Coil/Each..... **\$0.35**
UNSHIELDED
K10003—Ant. Coil
K10004—R.F. Coil/Each..... **\$0.26**

MEISSNER Dual Band Coils

Exceptionally efficient two-band coils for Broadcast and Short-Wave bands. Both bands wound on same bakelite form. Two mica-dielectric trimmers mounted in cans of shielded coils. For use with 365 mmfd. condenser and 456 kc. i.f. channel. Can size: $1\frac{3}{8} \times 1\frac{3}{8} \times 3\frac{1}{2}$ ". Cover 15.8-51.7 and 181-565 meters.

Stock No.	Type	Unshielded
Shielded	Ant.	K10256
K10253	Ant.	K10256
K10254	R.F.	K10257
K10255	Osc.	K10258

Shielded **Each..... \$1.59**
 Unshielded **Each..... \$1.09**
K10231—Padding Condenser Kit for above..... **73c**
K10232—3-gang 2-position Rotary Switch for above..... **88c**

MEISSNER Three-Band Coils

Similar in design and construction to Dual Band Coils above, but cover three bands. All types are in shield cans $1\frac{3}{8} \times 1\frac{3}{8} \times 4$ " and are designed for use with 456 kc. i.f.s.

B'Cast-Police and S.W.
 Covers 16.2 to 555 meters with a 450 mmfd. condenser.
 No. Type **Each**
K10338 Ant. Coil
K10339 R.F. Coil **\$2.06**
K10340 Oscillator
K10341 Pad. Cond. Kit..... **73c**
K10389 3-gang 450 mmfd. Variable Condenser for above..... **\$2.26**
K10390 3-gang, 3-position Rotary Switch for above..... **\$1.18**

B'Cast-Long & Short-Wave
 Covers 190-565, 16-51.7 and 810-2200 meters. For 365 mmfd. cond.
K10342 Ant. Coil
K10343 R.F. Coil **\$2.06**
K10344 Oscillator
K10345 Pad. Cond. Kit..... **88c**
K10390 3-gang, 3-position Rotary Switch for above..... **\$1.18**

MEISSNER Multi-Wave Coil Assembly



Simplify construction of all-wave receivers. Contain all coils, range switch, shunt trimmers, series padders, AVC by-pass condensers and necessary shielding. R.F. stage on all bands, both primaries and secondaries switched with

all lower frequency coils shorted out. Align-Aire trimmer condensers—extremely heavy leads.
For Use With 410 Mmfd. Condenser
K9992—5 BAND ASSEMBLY—42 mc.—132 kc. (7.1 to 2270 meters) in 5 bands. **Your Cost..... \$13.82**
K9993—4 BAND ASSEMBLY—42 mc.—540 kc. (7.1 to 565 meters) in 4 bands. **Your Cost..... \$11.46**
For Use With 280 Mmfd. Condenser
K9994—5 BAND ASSEMBLY—32.4 mc.—530 kc. (9.25 to 565 meters) in 5 bands. **Your Cost..... \$13.82**
K9995—4 BAND ASSEMBLY—32.4 mc.—1.51 mc. (9.25 to 198 meters) in 4 bands. **Your Cost..... \$11.46**
 Special 3-gang 280 mmfd. variable condenser with electrical band spread and ceramic insulation.
K9996—Your Cost..... \$4.41

Filament Choke



For auto sets. .012 ohms. $\frac{3}{4}$ " diameter, $1\frac{3}{4}$ " long.
K10011—Each..... \$0.24

COILS and CHOKES for Every Purpose

Antenna and R.F. Coil Primary Windings

Designed to replace defective or burned-out antenna and r.f. coil primaries. Will fit over the old coil. All high impedance.



K10116	For 1 1/2" O.D. coils	15c
K10117	For 1" O.D. coils	14c
K10118	For 3/4" O.D. coils	14c
K10119	For 5/8" O.D. coils	11c
K10114	For 1/2" O.D. coils	11c

"Dowel" Type Windings

Similar to above, but fit inside the coil form. Type A for sets with regular antenna; Type B for sets with short "hank" or a.c.-d.c. type antenna; type C for r.f. coils (3500 microhenry type requires a 15 or 20 mmfd. shunt condenser).

Stock No.	Type	Dia.	Len.	Microhen.	Your Cost
K9859	A	3/8"	1 1/2"	1700	16c
K9860	A	3/8"	1 1/2"	1700	16c
K9861	A	3/8"	1 1/2"	1700	16c
K9862	B	3/8"	1 1/2"	2250	16c
K9863	B	3/8"	1 1/2"	2250	16c
K9864	B	3/8"	1 1/2"	2250	16c
K9865	C	3/8"	1 1/2"	3500	16c
K9866	C	3/8"	1 1/2"	7500	16c
K9867	C	3/8"	1 1/2"	7500	16c

Your Cost Each, Any Above Type. **16c**

Truest HIGH GAIN I.F. UNITS

Highly efficient design for use where space is limited. Employs two-in-one trimmer on Ceramic base, adjustable from top of shield can. All leads are RMA color-coded for ease of installation. Size of the crackle finished metal shield can is 1 3/8 x 1 3/8 x 3 1/2"; threaded lug mounting. Two springs hold the entire assembly in the shield, thus facilitating easy removal for rapid servicing. Diagram furnished. Primary and secondary windings are single pi-wound. **Double tuned Ceramic trimmers.**

Freq.	Input	Output	Interstage	Each	10 For
175 kc.	K10021	K10016	K10015	59c	\$5.50
262 kc.	K10017	K10025	K10018		
456 kc.	K10022	K10034	K10027		



TRUTEST Iron Core Ant. and R.F. Coils

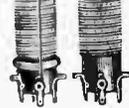
The latest HiQ (Iron-core) material adds gain and increases selectivity of r.f. transformers by improving "Q" of windings. The high impedance primary Antenna Coil can be used with any type aerial. Heavy alloy shield cans; 1 1/2 x 1 3/4 x 2 1/4". Designed to cover broadcast band (540 to 1600 kc.) with a 365 mmfd. condenser. For all types of tubes. Spade lug mounting centers 1 1/2".



No.	Type	Imped.	Each
K10276	Ant.	High	88c
K10278	R.F. (Det.)	High	
K10260	R.F. (Inter) Low	Low	

Litz-Wound AC-DC Coils 175-550 Meters

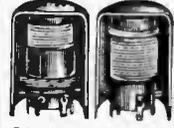
Matched high-gain coils furnished unshielded for use in r.f. receivers. High impedance primaries with 4-bank Litz-wound secondaries. 2 1/2" long, 3/8" diameter. Tunes with .000365 mfd., condenser. Furnished with mounting brackets and diagrams.



K10012	Antenna coil.	27c
K10095	R.F. Coil.	
K10096	Kit of 2	
Your Cost Each.....		53c

SHIELDED LITZ WOUND R.F. AND ANTENNA COILS COVERS 175 TO 550 METERS

Will service over 90% of the receivers on the market. Have high-impedance primaries for screen-grid tubes, and Litz-wound secondaries. Completely shielded in round aluminum cans 1 3/8" diameter, 2 1/4" high. Wound for .000365 mfd. condensers. With diagrams. Two 6-32 spade bolts for mounting.



K10077	Antenna Coil	35c
K10085	R.F. Coil.	

Your Cost, Either Type. **35c**

5-TUBE KIT

K10073—Comprises one antenna and two r.f. coils with instructions and diagrams. **Your Cost \$1.03**

4-TUBE KIT

K10071—Comprises one antenna and one r.f. coil with instructions and diagrams. **Your Cost 69c**

Midget Trimmers

Compact trimmers for all purposes.		Each 3-30 mmfd.
K9775—Bakelite base.	K9777—Ceramic base.	K9776—Dual 3-30 Bakelite.
Each 6c	Each 8c	Each 12c
10 For 50c	10 For 75c	10 For \$1.10

CERAMIC Trimmers & Padders

Molded low-loss ceramic base. Employs fine adjustment screw to permit critical adjustment. Brass insert in ceramic base insures against thread stripping. Sizes from 25-100 mmfd. through 225-650 mmfd. are 3/8 x 1 1/8"; others are 1 x 1 1/8".



Stock No.	Range Mmfd.	Your Cost
K10173	25—100	14c
K10174	75—225	16c
K10175	125—350	19c
K10176	175—500	20c
K10177	225—650	23c
K10178	275—825	27c
K10179	325—1000	29c
K10180	400—1200	31c
K10181	500—1400	34c
K10182	600—1600	37c
K10183	700—1800	39c

Stock No.	Range Mmfd.*	Your Cost
K10186	20—90	14c
K10187	50—180	16c
K10188	100—300	19c

MEISSNER Align-Aire Trimmers

Air-dielectric coaxial cylinder type with metal case 3/8" dia. x 1 1/8" long. 3600 degrees of micrometer smooth tuning. Not affected by moisture; dust-proof. Ceramic insulation. Capacity adjusted by slotted screw head.



Stock No.	Cap. Range	Your Cost
K9741	5-25 mmfd.	53c
K9742	25-50 mmfd.	59c
K9743	40-100 mmfd.	73c

Midget Align-Aire

Similar to above but has Bakelite body 3/8" dia. x 1 1/8" long. Range 1-12 mmfd. Has mounting bracket. **Your Cost 21c**

Duplicate Replacement I.F. Coils

Exact replacement coils for popular receivers. All are excellently constructed and will provide equal or superior performance to the original coils. No changes necessary to install. Complete units comprise the entire coil assembly housed in a shield that duplicates the original (except where marked "less shield can"); coils only, for repair work, fit easily into the assemblies.



Mfrs. No.	Make & Model of Set	Stage I.F.	Complete Unit Stock No.	Your Cost	Coil Only Stock No.	Your Cost
C119	50C, 51C	I.F.-Osc.	K2495	\$1.35		
G1373	100	1st	K2463	1.43		
G1619	320	2nd	K2502	.85		
G1415	260	1st			K2507	\$0.34
G1494	280	2nd	K2511	.70		
	122, 123, 124, 125, 126 (unt.)	2nd	K2478	.57		
	MAJESTIC	I.F.-Osc.	K2491	1.24	K8440	.30
4428	15, 15B, 150	2nd	K2489	.78	K8441	.30
4429	15, 15B, 150	1st	K2496	1.38		
3908	20	2nd	K2497	1.49		
3907	20	I.F.-Osc.	K2317	1.45		
6506	55	1st	K2498	1.59		
4439	60	1st	K2324	1.06	K8451	.36
6250	200	1st			K8453	.37
6119	210	2nd			K8454	.36
6123	210	2nd			K8455	.37
6127	210	3rd			K8457	.39
7812	310A, 330	2nd			K8457	.35
10149	460	1st	K2451	.79	K8460	.39
10253	460	2nd			K2452	.40
11014	800	2nd			K2452	.40
7187	290, 300, 310, 330, 460, 520, 800	Primary coil			K8463	.36
	PHILCO	1st	K2513*	.40		
32-1251	38, 38A	2nd	K2417*	.40		
32-1252	38, 38A	2nd				
	RCA-VICTOR	1st			K2503	.49
8567	80, 82, 86	2nd			K2504	.49
8565	80, 82, 86	3rd			K2505	.49
8566	80, 82, 86					
2991	R4, R5, R6, R7A, R9, RE16, R7, RE-16A	1st			K2509	.49
2992	R7A, R9, etc.	2nd			K2510	.49
8342	60, 62, 64	All			K2508	.49
	STEWART-WARNER	2nd			K2419	.57
83953	R123	Osc.			K2421	.42
	M3043					

*Supplied complete, but less shield can.

Shielded & Unshielded R.F. Chokes

All purpose r.f. chokes, available unmounted or housed in crackle finished metal cans 1 1/2" in diam. All types of latest design and universal-wound. Each one is accurately rated and factory tested. Both types mount by means of a single screw and are provided with solder lug terminals. Thoroughly impregnated—will give long, trouble free service.



Stock No.	Cost	Milli-hen.	Stock No.	Cost
K10133	18c	2.5	K10240	27c
K10099	18c	5.5	K10241	27c
K10100	24c	8	K10242	33c
K10101	24c	16	K10243	33c
K10134	30c	30	K10244	42c
K10135	38c	60	K10245	47c
K10136	38c	80	K10246	47c

Stock No.	Cost	Milli-henrys	Your Cost
K10142		2.5	\$0.32
K10143		5.5	.39
K10144		10	.48
K10149		60	.53

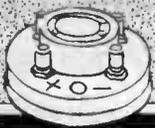
Pie-Wound R. F. Chokes

For use in hi-frequency receivers and low-powered transmitters. On Ceramites pool.

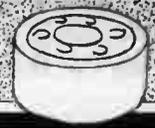


Stock No.	Milli-henrys	Your Cost
K10142	2.5	\$0.32
K10143	5.5	.39
K10144	10	.48
K10149	60	.53

NOTE: Refer to pages 150 and 151 for a complete listing of TELEVISION parts.



Sockets



AMPHENOL Standard Tube Sockets



A

Type "A" is designed for general replacement work and has a steel adapter plate to fit mounting centers from 1 1/4" to 1 1/2". 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



B

available in Bakelite and Steatite. Steatite being especially desirable for transmitters, high power amplifiers, etc. 9 and 11 prong sockets are for Amphenol connectors.

No. Prongs	Bakelite "A" Stock No.	Ea.	Bakelite "B" Stock No.	Ea.	Steatite "A" Stock No.	Ea.	Steatite "B" Stock No.	Ea.
4	K13057	7c	K13207	6 1/2c	K13194	24c	K13215	23c
5	K13058	7c	K13208	6 1/2c	K13195	24c	K13216	23c
6	K13059	7c	K13209	6 1/2c	K13196	24c	K13217	23c
7S	K13061	7c	K13210	6 1/2c	K13197	24c	K13220	23c
7L	K13060	7c	K13211	6 1/2c				
8	K13050	9c	K13212	8c	K13199	24c	K13221	23c
9	K13041	11c	K13213	10c				
11	K13042	15c	K13214	14c				

AMPHENOL "MIP"

"World's Strongest Socket"



Molded from high-dielectric black bakelite, with molded-in plate for 1 1/2" mounting centers. Cannot come loose or rattle. Strong, dependable and efficient.

Stock No.	Prongs	Your Cost Ea.
K13164	4	6c
K13165	5	7c
K13166	6	7c
K13167	7 Small	9c
K13168	7 Large	12c
K13169	8 Octal	
K13223	9	
K13224	11	

Midget "MIP" Octal
Has all of the features of above, but smaller and more compact. Has 1 1/4" mtg. centers. Octal, 8 prongs, only.
K13225—Your Cost Each 7c

Super "MIP" Ultra Lo-Loss Socket



Finest hi-frequency Socket. Made with polystyrene base. Break-down voltage—12,000 volts D.C. Long contact soldering lugs. With mtg. plate Octal only.
K13170—Your Cost Each 29c



Loktal Sockets

Replacement type. With adapter plate for 1 1/2" to 1 3/4" mtg. centers. Or ring type without plate for 1 3/4" hole. Black bakelite.
K13040—With Plate 11c
K13045—With Ring only. Ea. 10c

Ultra-Lo-Loss Loktal

Made from mica-filled Amphenol insulation. Tan color. With adapter plate and retainer ring, for mounting centers 1 1/2" to 1 3/4".
K13019—Your Cost Each . . . 18c

Bantam Jr. Tube Socket

Molded 6-prong socket for all Bantam Jr. 5 and 6 prong tubes. Clip fastens securely to chassis.
K11542—Each 10c



Bakelite Octal Sockets

New type octal; replaces all standard wafer types. RMA markings on underside. Mounting centers 1 1/2"; 1/4" deep.
K13107—Quantity Limited. 4c
Your Cost 25 For . . . 74c



Steatite Octal Sockets

As above, but for UHF sets. Have full length, sure-grip plated prongs. Plated saddle has four ground lugs.
K13108—Steatite. 14c
Each



ICA UX Insulex Socket

Base mounting. For use with standard UX tubes like the 10, 52, 866, etc. Insulex low loss insulation. Firm-grip contacts.
K12636—5 For \$1.65
Each 35c



No. 12 EBY Sockets

Molded Bakelite. For sub-panel or top of panel mounting. Sturdily constructed. Firm-gripping positive contacts.

No.	Prongs	Each
K13072	4	18c
K13073	5	
K13076	6	
K13077	7 L & S	24c
K13079	8 octal	

C. Ray Tuning Indicator

Kit includes socket, bracket, bezel, cable and instructions.
K11480—Less tube. Ea. 59c
K11481—Extra mtg. bezel . . . 10c



AMPHENOL Above-Chassis Sockets

Chassis type socket, in aluminum shell. 1 1/2" above sub-panel. Has 4 knockouts for leads, plus flange for mounting.



Prongs	Bakelite	Steatite	Your Cost
4	K13100	K13250	29c
5	K13101	K13251	
6	K13102	K13252	
7S	K13103	K13253	35c
7L	K13104	K13254	
7L S	K13105		
8 Oct.	K13106	K13255	29c

Special Socket Punches

K13043—For making keyed socket holes, for Amphenol sockets. Standard 1.170". **K13044**—For making large 1.320" holes.
Your Cost, Each . . . \$2.94

Terminal Strips



Hi-quality bakelite terminal strips, 1/2" thick, with cadmium plated terminal lugs. Ideal for radio, etc. All are plain, no markings.

No.	Term.	Length	Ea.	10 For
K13145	2	2"	4c	33c
K13123	3	2 1/4"	6c	55c
K13112	4	2 5/8"	9c	82c
K13113	6	3 1/2"	10c	90c

Heavy Bakelite Terminal Strips



Screw and collar terminals mounted on 3/2" bakelite strips, 3/8" wide.

No.	Term.	Length	Ea.	10 For
K13140	2	2 1/4"	9c	\$0.74
K13141	3	2 3/4"	12c	.98
K13142	4	3 3/8"	15c	1.25
K13143	5	4"	19c	1.55
K13144	6	4 3/4"	23c	1.85
K13230	7	5 1/4"	28c	2.50
K13231	8	5 3/4"	34c	3.00
K13232	9	6 1/2"	40c	3.55
K13233	10	7"	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	14c
K13133	2	3c	16c
K13134	3	3c	18c
K13135	4	4c	33c
K13137	6	4c	35c

Bracket Lug Strips



Lugs on 1/2" Bakelite strip. 3/8" between centers. Heavy duty type.

No.	Lugs	Each	10 For
K13031	3	4c	35c
K13032	4	5c	42c
K13033	5	5c	42c
K13034	6	5c	45c

Wafer Sockets



Sturdily constructed of laminated Bakelite. Cadmium-plated, self-aligning, floating one-piece contacts. Midgets have 1 1/4" centers; standards

1 1/4". No markings.

Standard Size

Stock No.	Prongs	Your Cost Ea.
K13070	Four	5c
K13078	Five	
K13071	Six	
K13069	7, small	10 For 45c
K13074	7, large	

New Wafer Loktal

1 1/2" Mtg. Centers Each 10 For
K13075—8-prong. 6c 55c

Midget Size

No.	Prongs	Each	10 For
K13114	Four	5c	45c
K13115	Five		
K13121	Six		
K13122	7, small	5c	45c
K13125	7, large		
K13127	8, octal.		

Terminal Boards



Tempered steel tinned contacts securely eyeleted on 1/2" centers on genuine Bakelite strips.

No.	Clips	Ea.	No. Clips	Ea.
K12890	2	6c	K12894	6 12c
K12891	3	7c	K12895	7 15c
K12892	4	9c	K12896	8 20c
K12893	5	10c		
K12887	Contacts only. 7c			
Your Cost per 10 7c				
Pin Plug. Black insulated handle. 4c				
K12886—Each 4c				

INSULEX Sockets



Low loss. Top and sides glazed. Re-reinforced springs. 2 1/4" long. 1 1/2" wide. Centers 1 1/2".

No.	Prongs	Your Cost Each
K13064	4	25c
K13065	5	
K13066	6	
K13067	7 S	
K13068	8 octal	10 For \$2.25

Bakelite Combination Base or Panel Sockets



Molded Bakelite. STANDARD SOCKETS

Stock No.	Prongs	Your Cost Each	10 For
K13090	4	15c	\$1.45
K13091	5		
K13092	6		
K13093	7, small	21c	\$2.05
K13094	7, large		
K13080	8, octal	23c	\$2.15

COMBINATION SOCKETS

K13095—Comb. 4, 5, 6 prong.
K13096—Comb. 5, 6, small 7 prong.
Your Cost Each, 25c
Either Type

AMPHENOL Hearing-Aid Sockets and Plugs



Compact plugs and sockets. Sockets easily mounted by drilling three 3/16" holes in a row. Mtg. centers 1 3/8".

K13227	2 pr. plug	6c
K13228	3 pr. plug	8c
K13234	4 pr. plug	9c
K13235	3 cont. socket	13c
K13236	4 cont. socket	15c

Switches and Binding Posts

CLAROSTAT Rotary Switches

Compact, positive contact Underwriter's Approved Switches. Bakelite molded construction. Rated 1 amp., 250 volts, 3 amps., 125 volts. Each are 1 1/2" dia., 1 1/2" body depth; bushings are 3/8" in dia., with 1 1/2" shaft.

Stock No.	Description	Each
K12845	S.P.-S.T.	29c
K12846	D.P.-S.T.	35c
K12847	S.P.-D.T.	35c
K12848	4-Wire, S.T.	35c

Porcelain Base Knife Switches

Especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Type	Your Cost
K16820	S.P.S.T.	9c
K16821	S.P.D.T.	11c
K16822	D.P.S.T.	17c
K16823	D.P.D.T.	19c
K16825	3-P.D.T.	39c

Miniature Bakelite Knife Switches

Plated metal parts. Single pole types 1 1/2" long; double pole 2 1/2".

Stock No.	Type	Your Cost
K16830	S.P.S.T.	32c
K16831	S.P.D.T.	38c
K16832	D.P.S.T.	44c
K16833	D.P.D.T.	50c
K16834	3-P.S.T.	62c
K16835	3-P.D.T.	76c
K16836	4-P.S.T.	88c
K16837	4-P.D.T.	94c

Midget Knife Switches

For base or panel mounting. Have black Bakelite bases, nickelled brass parts. Single pole types 1 1/4" long, 1/2" wide; double pole 1 1/4" long, 1" wide.

Stock No.	Type	Your Cost
K16842	S.P.S.T.	9c
K16843	S.P.D.T.	15c
K16844	D.P.S.T.	21c
K16844	D.P.D.T.	24c

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.	\$1.65
K12850	4-P.D.T.	\$1.90

Canopy Switch

Rotary type, composition top. Very shallow. Wire leads. Rated 6 amp. at 125 volts.

K13342—8c
10 For.....75c

Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1".

K13046-Blank (no mk.)
K13047-Marked ANT
K13048-Marked GND

Your Cost Each.....5c

CUTLER-HAMMER Switches

Cutler-Hammer switches are approved by the Underwriters.

Toggle Switches

Approved type with nickel plated metal parts. All rated at 3 amperes at 250 volts except K12834 (3 amps. at 125 v.). Stems 1/2" dia.

Stock No.	Description	Your Cost, Each
K12836	1/2" stem	17c
K12835	1" Stem	\$1.53
K12835	1" Stem	20c
K12835	1" Stem	\$1.90

Single Pole-Single Throw

Stock No.	Description	Your Cost, Each
K12836	1/2" stem	17c
K12835	1" Stem	\$1.53
K12835	1" Stem	20c
K12835	1" Stem	\$1.90

Single Pole-Double Throw

Stock No.	Description	Your Cost, Each
K12834	1/2" stem	20c
K12834	1/2" stem	\$1.80

Double Pole-Double Throw

Stock No.	Description	Your Cost, Each
K12833	1/2" stem	36c
K12833	1/2" stem	\$3.25

Double Pole-Single Throw

Stock No.	Description	Your Cost, Each
K12817	1/2" stem	26c
K12817	1/2" stem	\$2.34

S.P.S.T. Slide Switch

Approved by Underwriters. Bakelite case, metal "on-off" plate. 6 amp., 125 v. Requires 1/2" hole.

K12841—Your Cost.....33c
10 for.....\$3.10

S.P.-3 Throw

Exposed type. Dead center position. 1/2" shaft, with hex. nut.

K12831—69c
Each.....\$6.50

Single Pole-Double Throw

Similar to above. 1/2" shaft.

K12832—10 for \$1.80
Your Cost, Each.....20c

"On-Off" Switch Plates

Heavily nickel plated. With locating projection. Marked "on" and "off".

K12818—2c
Your Cost Each.....12c
10 for.....\$1.20

C-H POWER SWITCHES

Heavy duty switches. Ratings at 250 volts A.C. or D.C. Wiping contacts. 1/2" bushings.

Stock No.	Type	Ratings	H.P.	Ea.	For 10
K12813	S.P.S.T.	6 amperes	1/2"	35c	\$3.20
K12814	D.P.S.T.	6 amperes	3/8"	39c	3.50
K12815	S.P.S.T.	10 amperes	3/8"	59c	5.45
K12816	D.P.S.T.	10 amperes	3/8"	65c	5.95

CENTRALAB "Positive" & "Spring Return" Switches

Lever Action

Space saving lever action switches. Knob supplied with each switch. Plates available for mounting singly or in groups up to five.

No.	Poles	Pos.	Action	Each
K12794	1	2 1/2 x 3/4"		12c
K12795	2	1 1/2 x 3/4"		18c
K12796	3	2 1/4 x 1 1/2"		21c
K12797	4	3 x 2 1/4"		27c
K12798	5	3 3/4 x 3"		29c

Shorting Type Switches

No.	Poles	Pos.	Action	Each
K12825	2	3	Positive	
K12826	2	3	Spring Return	
K12801	4	2	Spring Return	
K12804	4	2	Positive	
K12805	2	3	Positive & Spring	

Non-Shorting Switches

No.	Poles	Pos.	Action	Each
K12799	2	3	Positive	
K12800	2	3	Spring Return	
K12806	2	3	Positive & Spring	
K12803	4	2	Positive	
K12802	4	2	Spring Return	

Any Type Above Each.....59c

Amphenol Tap-Change Switch

New, efficient 8-position single-pole switch. Phosphor bronze switch arm; smooth contacts with lugs for quick soldering. Bakelite molded base in punched steel mounting plate. 1/2" H. x 1 1/4" dia. With knob and cover.

K11510—Your Cost.....44c

Spring Clamp Binding Post Assembly

Posts mounted on Bakelite strip 2" long, 1 1/4" wide. Centers 1 1/4". Marked "Ant" and "Gnd".

K13049—Your Cost.....12c
10 for.....\$1.05

Heavy Metal Binding Post

Nickel plated brass. Approximately 1" high.

K12946—6c
Your Cost Each.....50c
10 for.....\$5.00

EBY Binding Posts Non-Removable Tops

Specially designed for use on metal chassis. Stud has hole.

K13082—Junior Post Has 1/2" stud, 1/2" long. 9c
Your Cost Each.....9c

K13083—Ensign Post Has 3/8" stud, 3/8" long. 11c
Your Cost Each.....11c

K13084—Commander Post Has 1/2" stud, 3/4" long. 20c
Your Cost Each.....20c

EBY Twin Post Units

On laminated strips. Marked "ANT" and "GND".

K13062—Your Cost.....24c

Similar to above, but triple post marked "L. ANT", "S. ANT" and "GND".

K13063—Your Cost.....32c

H. & H. Rotary Panel Switches

Rated 3 amps., 125 volts. Approved type. With locknuts. Shaft extends 1". Bushing 3/8" in diameter.

Stock No.	Type	Each	10 For
K12779	S.P.S.T.	16c	\$1.44
K12780	S.P.S.T.*	22c	2.05
K12781	D.P.S.T.	32c	2.88
K12782	D.P.S.T.*	41c	3.80
K12783	D.P.D.T.	37c	3.33
K12784	D.P.D.T.*	38c	3.60

*Bushing extends 1". Others 3/8".

Two-Circuit Push-Button Switches

In normal position, with plunger out, one circuit is "on" and the other "off". When plunger is pressed in, circuits are reversed. Slow make, quick break momentary contacts. Silver plated lug terminals; laminated Bakelite insulation. Rated 75 watts at 125 volts a.c. Bushing 1 1/8" diam. and 3/8" long.

Metal Plunger

Used on Supreme instruments and other makes.

K12774—Your Cost.....24c
10 For.....\$2.15

Bakelite Tip

K12777—Red 29c ea.
K12778—Black 29c ea.
10 For.....\$2.65

Bakelite Button Type

With concave Bakelite button.

K12775—Red 34c
K12776—Black 34c
Your Cost.....34c
10 For.....\$3.05

Key Lock Switches

Designed for use in auto or portable receivers. Approved, rated 3 amps., 250 volts.

K6221—S.P.S.T. Each.....25c
K6222—D.P.S.T. Each.....47c

EBY Slide Type Switches

Take a minimum of space and provide maximum flexibility. Bronze, silver plated contacts. High quality phenolic compound casing, metal mounting plate. Ridged slide button. Rated 1 1/2 amps. at 110 v.

Stock No.	Type	Each
K12842	S.P.S.T.	18c
K12843	S.P.D.T.	18c
K12844	D.P.S.T.	18c

Insulated Posts

Red or black composition top. Plated ferrule. Specify color. 10 For 45c

K13163—5c
Your Cost.....5c

Brass Terminals

Made of 1/4" brass. 1" high, 1/2" offset. Hole takes No. 10 screw. Carries 10 amps. Tinned.

K1477—10 for.....5c

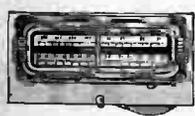
Cable Clamps

Heavy gauge steel. No. 6 mtg. hole. Cadmium plated.

K14951—1/4" cable. 4 For 5c
K14952—1/2" cable. 3 For 5c

DIALS

CROWE 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 Bronze escutcheon and unbreakable crystal.

Type A. Requires panel opening $1\frac{1}{2} \times 5\frac{1}{8}$ ". Ratio 7-1 over 180°.
K9811—Clockwise.
K9812—Counter-clockwise.
Your Cost, Either Type..... \$1.41

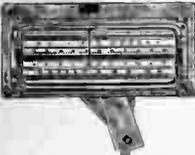


Type B. Requires opening $1\frac{1}{2} \times 3\frac{3}{4}$ ". Mtg. holes in front plate.
K9816—Clockwise.
K9817—Counter-clockwise.
Your Cost, Either Type..... \$1.18

Special $3\frac{1}{4}$ " Airplane Dial



A highly attractive full-vision airplane dial at an exceptionally low price. Has a $2\frac{1}{2}$ " diameter dial protected by a glass lens. Ratio 5 to 1 in 360 degrees. Double edged pointer covers both scales; easy to read. Upper scale graduated from 550 to 1600 kc.; lower scale calibrated from 0 to 100. Takes $\frac{1}{4}$ " or $\frac{3}{8}$ " condenser shafts. Ideal for dual wave sets (combination short wave and broadcast). Comes complete with two pilot light sockets and a $3\frac{3}{8}$ " bronze finished escutcheon.
K9912—For Clockwise Condensers. **Each 63¢**
K9911—For Counter-clockwise Cond. **63¢**



$6\frac{3}{4}$ " Slide Rule Dial 2-Band

Dial calibrated from 550 to 1500 and 1500 to 550 kc. (also 0-100, 100-0) for clockwise and counter-clockwise rotating condensers.

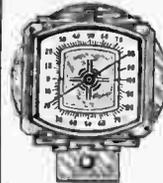
Cable and pulley driven. Ratio 6 to 1 in 180 degrees. $1\frac{1}{2}$ " knob shaft $\frac{1}{4}$ " in diam. Hub takes $\frac{3}{8}$ " and $\frac{1}{2}$ " condenser shafts. Bronze escutcheon with pyralin window. With pilot light socket. Scale of gold finished foil. Panel opening: $5\frac{3}{4} \times 2\frac{1}{4}$ ".
K9901—Your Cost. **\$2.06**

$4\frac{1}{4}$ " Slide Rule Dial



Calibrated from 550 to 1,500 and 1,500 to 550 kc. for clockwise and counter-clockwise condensers. Ratio is 4-1 in 180 degrees. Knob shaft is $1\frac{1}{4}$ " long and $\frac{1}{4}$ " in diameter. Hub designed for both $\frac{1}{4}$ " and $\frac{3}{8}$ " condenser shafts. Scale is lighted by two dial lights (pilot light sockets included). Bronze escutcheon with pyralin window. Requires $1\frac{1}{4} \times 3\frac{1}{2}$ " panel opening.
K9900—Your Cost. **\$1.62**

$3\frac{1}{4}$ " Modern Airplane Dial



This attractive modernistic dial will dress up any receiver. Scale supplied is universal for use with either clockwise or counter-clockwise condensers. Ratio 10:1 in 360°. With 2 dial-lite sockets. For use with both $\frac{3}{8}$ " and $\frac{1}{4}$ " condenser shafts. No necessity for special cabinet cutout—will fit standard $3\frac{1}{4}$ " round opening. With escutcheon. **\$1.05**
K9908—Your Cost, Each

CROWE $6\frac{1}{2}$ " Slide-Rule Dial 3-Band



Beautiful Pyralin scale calibrated from 550 to 1700 kc., 5.5 to 18 mc. and 100 to 0 deg. Panel opening: $5\frac{3}{4} \times 2\frac{1}{8}$ ". Ratio 9 to 1 in 180 deg. Hub takes $\frac{1}{4}$ " or $\frac{3}{8}$ " shafts. $\frac{1}{4}$ " diam. knob shaft. With antique bronze escutcheon. Croglas crystal. 2 pilot light sockets.
K9807—For clockwise cond. **Each \$2.59**
K9808—For counter-clock. cond.

$4\frac{1}{2}$ " Edge Lighted Oval Dial



Black glass dial with translucent calibration from 0-100 on outer and 100-0 on inner scale. Offset pointer covers calibration marks. Positive friction drive, 3 to 1 ratio. Complete with 2 pilot light sockets and bronze oval escutcheon plate. Hub takes $\frac{1}{4}$ " and $\frac{3}{8}$ " condenser shafts. $\frac{1}{4}$ " knob shaft. Universal scale $5\frac{1}{4} \times 4\frac{1}{4}$ " for clockwise and counter-clockwise condensers. Shpg. wt. 2 lbs.
K9883—Your Cost. **\$1.32**

KURZ-KASCH Dials

Made of molded Bakelite. Requires only one hole for condenser shaft and two or three small holes to secure dial to panel. Dial ratio 8 to 1. No back-lash. Fits $\frac{1}{4}$ " shaft. *Indicates for counter-clockwise condensers; others clockwise rotation.

No.	Calib.	Size	Each
K9806	0-100-0	3"	35c
K9803	200-0*	4"	45¢
K9804	0-200*	4"	
K9805	100-0-100	4"	

Molded Dials



Sturdy molded Bakelite dials, for receivers, special equipment, oscillators, etc. All have $\frac{1}{4}$ " split bushing, except Rheostat Dial which has $\frac{1}{4}$ " insert with screw. All are Black, gloss finish. K9820—3" dia., 2" knob.

K9821	As above, but 0 to 100.	23¢
K9824	4" dia., 2 $\frac{3}{8}$ " knob. 100 to 0.	26¢
K9825	As above, but 0-100.	15¢
K9827	Rheostat Dial. 2" dia., $1\frac{1}{2}$ " deep hole. 100 to 0.	15¢

CROWE Giant 11" Dial 3-Band



Slide-rule type. Panel opening: $9\frac{3}{4} \times 2\frac{7}{8}$ ". Scale calibrations: 550 to 1700 kc.; 5.5 to 18 mc. and 1.6 to 5.0 mc. Pyralin scale with Croglas crystal. Hub takes $\frac{1}{4}$ " or $\frac{3}{8}$ " shafts. Ratio 9 to 1 in 180 deg. $\frac{1}{4}$ " knob shaft. Antique bronze escutcheon. With 2 pilot light sockets. Wt. 4 lbs. **Each \$3.76**
K9809—For clockwise condensers
K9810—For counter-clock. cond.

"GIANT" 6" AIRPLANE DIAL



Has $5\frac{1}{2}$ " full-vision scale and double knife-edge pointer. Glass lens. Calibrated in 3 bands: 520-1600 kc.; 1500-1600 kc.; 5.8-15.8 mc. Last scale also calibrated in meters and word descriptions. Ratio $5\frac{1}{2}$:1 in 180°. Has $\frac{1}{4}$ " shaft and positive friction grip drive, 2 pilot light sockets and 6" bronze escutcheon. Takes either $\frac{1}{4}$ " or $\frac{3}{8}$ " shafts.
K9907—For counter-clockwise condensers.
K9906—For clockwise cond. **\$1.39**
Your Cost, Either Type

Phosphor Bronze Dial Cable



Maximum strength, stretch. 16 strand type closely braided. 42 strands wound over linen core.

No.	Strands	Feet	Each
K9933	42	5	\$0.19
K9934	42	25	.74
K9935	42	50	1.39
K9872	42	100	2.50
K9936	16	5	.06
K9937	16	25	.22
K9938	16	50	.36
K9881	16	100	.54

Linen Dial Cable
 Finest black linen braided cord. Breaking strength 200 lbs. per ft.
K9939—5 ft. **\$0.19**
K9940—25 ft. **.78**
K9941—50 ft. **1.45**
K9882—100 ft. **2.45**

Replacement Dial Belts
NOTE: We can supply replacement woven fabric dial belts for any make and model radio. Send name and model number of set. **15¢ Each**

EXACT DUPLICATED DRIVE CABLES-BANDS-BELTS

We can supply any cable, band or belt on order, at lowest prices.

Model	Stock No.	Net	Model	Stock No.	Net
ATWATER KENT			MAJESTIC		
35, 37	K9822	\$0.15	70, 71, 72	K9847 (42 Str.)	.12
42, 44	K9823	.24	70, 71, 72	K9848 (18 Str.)	.09
40, 46	K9920	.15	52, 60	K9925	.15
BOSCH			PHILCO		
48A	K9826	.15	71	K9927	.15
58, 60	K9828	.15	91	K9928	.15
BRUNSWICK			RCA		
15, 22 Front	K9921	.24	46, 64, 67	K9852	.18
15, 22 Rear	K9922	.24	RCA†		
COLONIAL			K9853		
31, 32	K9833	.21	16, 17, 18, 33	ZENITH	
GENERAL MOTORS			K9923		
All	K9923	.24	5829, 5856, 980	K9406	.15
KOLSTER*			K9407		
6J	K9844	.24	920, 975	K9408	.15
43, 44	K9845	.29	985, 990	K9408	.15

*Heavy cord with heads on end; springs. †Linen cord.



JFD Dial Belt Kit
 A necessity for modern set servicing. This kit contains an 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 and full instructions. Shpg. wt. 2 lbs.
K9832—
Your Cost, Per Kit..... \$3.82

FADA Drums & Brackets

Complete stock of hard to get replacement parts.

Tuning Bracket Casting.	
K6154—No. 858MP	Each 88c
K6155—No. 872MP	Each 88c
Dial Scale and Drum	
K6160—No. 871MP	\$1.26
Friction Drive Shaft	
K6152—No. 1724X	59c
Tuning Drum	
K6153—No. 1716X	82c

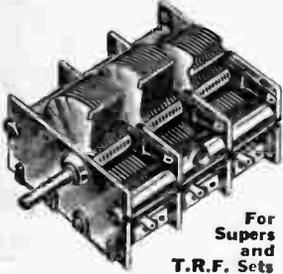


MAJESTIC Dial Scale

Dial plate for models 20, 30, 90 series, 90B, 100, 100B, 130A and 230A. Replacement for part nos. 606, 1265, 1266. Brass with black enamel and gold numerals. Replaces the zinc and celluloid types.
K6161—Each **88¢**

VARIABLE CONDENSERS and Accessories

Trutest Gang Condensers



For
Supers
and
T.R.F. Sets

Compact, correctly designed variable condensers for t.r.f. and superhet circuits. All feature heavy aluminum plates, ball bearing rotors and Bakelite insulation. All have low-loss end plates. Two- and three-gang units supplied with trimmers on the side. All have 1/4" diameter, 1 1/4" long shafts; each furnished with a split bushing for 3/8" dials. All types available with clockwise and counter clockwise rotation. Size: 1 1/2" high, 3 1/4" wide. 1-gang condensers are 1 3/8" long; 2-gang condensers are 2 1/2" long; 3-gang condensers are 3 3/8" long. Average shipping weight 2 lbs.

COUNTER-CLOCKWISE CLOCKS

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
K9710	1	\$0.72	K9720	1	\$0.72
K9711	2	.89	K9721	2	.89
K9712	3	1.29	K9722	3	1.29

.00041 Mfd. for T. R. F. Circuits

K9732	2	.89	K9734	2	.89
K9733	3	1.29	K9735	3	1.29

.000365 Mfd. for 175 Kc. Superhets

K9792	2	.89	K9794	2	.89
K9793	3	1.29	K9795	3	1.29

.000365 Mfd. for 456 Kc. Superhets

K9798	2	.89	K9796	2	.89
K9799	3	1.29	K9797	3	1.29

Trutest Midget Single Gang Condensers



With all the features and characteristics of larger units. Ideal for limited space apparatus; such as transmitters, receivers, test instruments, short-wave equipment, etc. Aluminum rotor and stator plates, firmly staked into position. Lo-loss bakelite insulation. Improved ball bearing. Counter-clockwise rotation for all types. 1/4" shafts. Overall dim.: 1 1/2"x1 3/4"x1 3/8" deep. Less trimmers.

Stock No.	Capacity	Each	Stock No.	Capacity	Each
K10189*	15 mmf.	49 ^c	K10194	100 mmf.	52 ^c
K10190*	25 mmf.		K10195	150 mmf.	
K10191*	35 mmf.	50 ^c	K10196	250 mmf.	54 ^c
K10192*	50 mmf.		K10197	365 mmf.	
K10193*	75 mmf.		K10198	410 mmf.	
*—Indicates double-spaced.					

TRUTEST 2 Gang Compacts

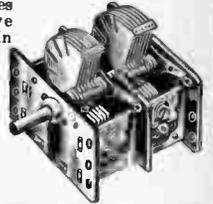


Compact 2 gang condensers normally used in midget sets. Overall: 2 1/2"x1 3/4"x1 3/8". Counter clockwise. K9738—.000365 TRF. K9739—.000365 Superhet. Your Cost **75^c** Either Type.....

Trutest SHORT-WAVE CONDENSERS

Low shield type. Have heavy aluminum plates and ball bearing rotors. All units have counter-clockwise rotation. Shafts are 1/4" in diameter and extend 1 1/4". Size: 1-gang—3 1/2"x1 1/2"x1 3/8"; 2-gang—3 1/2"x1 1/2"x2 1/4"; 3-gang—3 1/2"x2 1/2"x1 3/8". Supplied with trimmers.

Stock No.	Cap. Mfd.	Gangs	Your Cost Each
K9716	.00015	1	.74c
K9718	.0001	2	85^c
K9719	.00015	2	
K9766	.00014	3		$1.29



Dial Drive For RCA Sets

Duplicate replacement RCA Part No. 2999. Used in Models R-7A, R-9, R-43, R-10, R-11, R-8, RE-18, RE-26, RE-16A, R-4 and R-6. Comes complete with friction rubber, screws and lock-washers.



K9744—Each..... **21^c**

RCA Drive Clutch Assembly

Complete assembly duplicate replacement RCA No. 4422 for Models 118, 128, 224, 322, 281, 381. K9637—Your Cost..... **\$1.09**

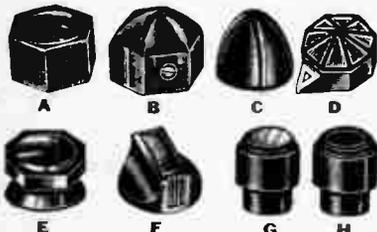


Dial Scale Assemblies

Part No. 3000. Dial drum and scale assembly for models R4, 6, 7, 7A, 7DC, 9, 9DC, 7LW, 10DC, 43 and RE16A. Shpg. wt. 1 lb. K9638—Your Cost **44^c**

RCA Part No. 6501. Dial scale for Model M-34. K9642—Your Cost..... **32^c**

Modern Bakelite Knobs



All of attractive brown molded bakelite. Fits 1/4" shafts. Set screw included.

Type	Stock No.	Dia.	Each	10 For
A	K9692	3/8"	5^c	40^c
B	K9691	3/4"		
C	K9736	1"		
D	K9737	1 1/4"		
E	K9660	1 1/2"	6^c	45^c
E	K9657	1 3/4"		
E	K9658	2"	6^c	50^c
E	K9659	2 1/4"		
F	K9655	1 1/2"	7^c	65^c
F	K9655	1 3/4"		
G*	K9661	3 1/4"	3^c	25^c
H*	K9696	3 1/2"		

*Push Button Knobs

6 AND 8-BUTTON AUTOMATIC TUNERS



Can be attached to any superhet or t.r.f. receiver. One button on each model places the receiver in manual tuning position. Balance of buttons select your favorite stations automatically. Each station button has a pair of trimmers. Escutcheon plate, hardware and instructions furnished. Shpg. wt. 4 lbs. each.

K21148—6-Button Your Cost **\$2.35**
K21142—8-Button Your Cost Each **\$3.40**

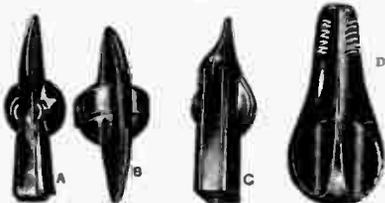
FLEXIBLE 1/4" SHAFT COUPLER



For use in coupling two 1/4 inch shafts or for extending a shaft at an offset angle. Insulated. K9751—Bakelite Your Cost Each **21^c**

K9750—Ceramic. Your Cost Each..... 29c

Pointer and Lever Knobs

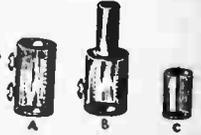


All highly polished bakelite knobs; modern and attractive in appearance. Extensively used on sound amplifiers, transmitters and receivers. All except type "D" have filled pointers; "D" has ridged top which serves as indicator mark. All for 1/4" shafts.

Stock No.	L't'h. Ins.	Ht. Ins.	Type & Color	Your Cost Each	10 For
K13027	2 1/4"	3/8"	(A) Black	7c	60c
K13028	1 1/4"	3/8"	(A) Black	5c	40c
K13029	2 1/4"	3/8"	(B) Black	9c	85c
K13055	2 1/4"	3/8"	(C) Black	6c	50c
K13052	2 1/4"	3/8"	(C) Red	9c	85c
K13053	1 1/4"	3/8"	(C) Black	4c	35c
K13024	1 1/4"	3/8"	(C) Red	8c	75c
K9650	1 5/8"	1 1/2"	(D) Black	7c	65c
K9651	2 1/2"	3/4"	(D) Black	8c	75c

SHAFT COUPLINGS, BUSHINGS, FITTINGS AND SHAFTING

For Dials, Volume Controls Variable Condensers



Couplings for connecting two or more condensers, rheostats, switches, etc., in tandem. Extenders for lengthening shafts of same. Matched to exact size as specified. 6-32 machine screws used on all couplings and extenders.

Size Inches	Fig. No.	Purpose	Stock No.
1/4"x1/4"	A	Coupling	K15014 K15000
3/8"x3/8"	A	Coupling	K15006 K15001
1/2"x1/2"	A	Coupling	K15008 K15002
3/4"x3/4"	B	Extender	K15017 K15004
1"x1"	B	Extender	K15018 K15005
1 1/2"x1 1/2"	B	Extender	K15009 K15003
10 For.....			85c
100 For.....			\$8.25

Your Cost Each, Any Type..... **9^c**

SPLIT BUSHING

Fig. C. For increasing shaft diam. from 1/4" to 3/8". Brass, 1/4" long. 10 For..... 35c
K9730—Your Cost Each..... **5^c**

FIBRE AND BRASS SHAFTING

Full length, and straight, 1/4" diameter. K15010—Brass 6" long. Your Cost **9^c**
K15011—Fibre 6" long. Your Cost **9^c**
K15012—Brass 12" long. Your Cost **18^c**
K15013—Fibre 12" long. Your Cost **18^c**

Panel Bearing Assembly

For use with rigid or flexible couplings when mtg. volume controls, condensers, etc., back from panel. For up to 1/4" panels. K9562—6" long. Each..... 24c
K9563—3" long. Each..... 18c
K9564—Bearing only. Each..... 9c

FRICITION DRIVE RUBBERS

Eight different types friction drive rubbers for popular receivers, including Atwater Kent, R.C.A., Stewart-Warner, etc. Indispensable kit for servicemen. K9400—Kit of 24 rubbers. Each..... **84^c**

BALLAST RESISTORS and VOLTAGE CONTROLS

TRUTEST Ballast Resistors



For use as filament dropping resistors in a.c.-d.c. midgests. Glasstypes have 4-prong bases; metal tubes have octal bases. 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.

Glass Tubes (4-Pr.)			
No.	Type	No.	Type
K7037	140R8	K6855	185R
K6868	165R4	K6866	185R4
K6869	165R8	K6867	185R8

Metal Tubes (Octal)			
No.	Type	No.	Type
K7038	2VR215	K6875	K49D
K7039	BM49B	K7042	K80B
K7040	BM55B	K7043	L42C
K7041	C9266	K7044	L42D
K6859	K42B	K6876	L49B
K6870	K56B	K6877	L49C
K6871	K56C	K6860	L55B
K6872	K56D	K7045	L80B
K6873	K49B	K7046	Y-TU-9
K6874	K49C		

Your Cost Each, Any Above Type, 5 For \$1.09

Amperite Voltage Regulator Tubes

Keeps input voltage to receiver constant. Protects condensers and resistors. For A.C. sets. Specify type desired. K19100—For 110 v. sets

Tubes	Use	Tubes	Use	Each
4-5	5A5	11-12	11A5	\$1.25
6-7	7A5	13-17	20A5	
8-10	9A5			

K19101—Sockets Only \$1.50

Line Cord Resistors



Designed for use with a.c.-d.c. radio receivers. Flexible and sturdy. Tinned leads.

No.	Ohms	No.	Ohms
K5322	135	K5325	250
K5332	150	K5329	280
K5331	160	K5242	310
K5323	180	K5326	330
K5330	200	K5241	360
K5324	220		

Your Cost Each, Any Type, 10 For \$2.50

Special Line Cords For "Wireless" Players

Same in appearance as above, but has fourth wire for antenna or "radiation wire" for wireless phonoscanners, inter-communicators, etc. K5327—350 ohms. For 6A7 and 87 or 76 tube combination. 36¢
Your Cost Each 36¢
K5328—270 ohms. For 6A7 and 25Z5 tube combination. 36¢
Your Cost Each 36¢

220 Volt to 110 Volt Line Cord Resistors



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

UNIVERSAL Ballast Resistors



Three separate adjustable types, which will replace 99% of all ballast tubes used. Removable pins permit obtaining any necessary resistor or ballast tube arrangement. Complete chart furnished with each, showing how to replace any one of over 1000 ballast tubes. Excellent for servicemen, service shops and dealers; minimizes replacement stock, eliminates obsolescence. Requires no special tools; simple to adjust. Keep all three types on hand and be prepared to replace any ballast tube.

K6856	Type A, 8 prong.	Each	59¢
K6857	Type B, 8 prong.		
K6858	Type C, 4 prong.		

Lots of 5, Each 55¢

CLAROSTAT Metal Tube Resistors

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

Stock No.	Replaces		Ending in Letters	Your Cost Each
	A.C.-D.C. Tubes Beginning with Letters	With Numbers From		
K6842	BK, BL, K, L, M	10 to 23	A, B, C, D	57¢
K6843	BK, BL, K, L, M	10 to 23	E	
K6844	BK, BL, K, L, M	10 to 23	F, G, H	
K6845	BK, BL, K, L, M	23 to 55	A, B, C, D	
K6846	BK, BL, K, L, M	23 to 55	E	
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	
K6849	BK, BL, K, L, M	60 to 92	E	
K6850	BK, BL, K, L, M	60 to 92	F, G, H	
K6851	BK, BL, K, L, M	92 to 105	A, B, C, D	

AMPERITE AC-DC Resistor Tubes

A real regulator tube, not an ordinary resistor. With line variations from 85 to 145 volts, tubes are kept within 5% of their correct voltage. Complete with starting resistor that saves pilot lights and tubes. Types marked (*) are special units. FREE: Write for your free copy of the new revised and up-to-date replacement AMPERITE Ballast Chart.

No.	Type	No.	Type	No.	Type
K12239	3-40	K12226	250R*	K12235	KL-25H
K12238	4P-45	K12227	320R4*	K12232	KL-45
K12246	60R30-G	K12227	878R48	K12245	KL-45J*
K12224	165R4*	K12228	E157*	K12236	KL-50H
K12225	200R*	K12233	KL-25	K12229	KL-5081

Your Cost Each, Any of the Above Types 59¢

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	11 to 26	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

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

50A2	140R8	140L4A	LX42B	KX49B	LX49C	KX55C
50B2	140R44	165L4	LX42C	KX49C	LX49D	LX55B
50X3T	140L4	165R8	LX42D	KX49D	KX55A	LX55C
140R4	140L8	165R44	LX42D	LX49B	KX55B	LX55D

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

5B	50	50XR	140R	165R	185R	KX42A
		KX49A		KX55A		

Radio and Auto Fuses Type 3AG



Dim. 1 1/4 x 1/4". Specify size desired. K13189—Tin of 5 (any one size) 1, 2 or 3 amp. 5 for 14¢
5, 25 or 30 amp. 5 for 10¢
10 or 15 amp. 5 for 10¢
20 Amp. 5 for 7 1/2¢

Universal Resistor Cord

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

Extractor Fuse Post

Takes standard 3AG fuse. Screw in type fuse retainer. For panels up to 3/8" thick. Underwriters specs. Molded bakelite case. K12326—Each 24¢

Panel Type Mount

Molded base single hole mounting. For 1 1/4" fuse. K12324—Your Cost 8¢

Sub-Panel Mount

Molded base. 1" 6-32 studs. For standard 1 1/4" fuses. K12327—Each 9¢
Fuse Clips only. K12377—Each 2¢

CLAROSTAT Automatic Line Voltage Regulators

For any 110/120 volt a.c. 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	49¢
K6812	100	5, 6, 7	
K6813	150	8, 9, 10	
K6814	200	11, 12	
K6815	250	2 Type 50	

5 For \$2.30

Replacement Ballasts

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

No.	Type	Your Cost Each
K6805	Brunswick	85¢
K6806	Clarion	
K6808	Grebe	
K6816	Majestic 70	
K6817	Majestic 72	
K6818	Majestic 80	
K6819	Majestic 90	
K6805	Sonora	
K6823	S. W. 900	
K6824	S. W. 950	
K6825	S. W. R100	

Automatic Line Volt. Control

Fit any standard 110 v. a.c. outlet. For any set up to 9 tubes. Automatically compensates for line voltage variations. Steel clad—air cooled. K16955—Your Cost \$1.37

LITTLEFUSES for Radio Sets and Amplifiers

Approved by the Underwriters. Type 3AG 1 1/4 x 1/4".

Stock No.	Amps.	V.	Your Cost Each	Doz.
K12378	1	250	5¢	50¢
K12379	1 1/2	250		
K12380	2	250		
K12381	3	250	9¢	\$1.00
K12396	1/2	500		
K12397	3/4	500		
K12398	1	500		
K12399	3/4	500		

LITTLEFUSE Auto Fuses

Lower resistance than standard fuses. 1 1/4 x 1/4". Your Cost 3¢ ea.

K12320—5 amps.
K12321—10 amps.
K12322—15 amps.
K12323—20 amps.

Fuse Mounts Panel Type

Composition base, nickel plated brass contacts. K12329—Your Cost 6¢

Shielded Fuse Mounting

For 3AG fuses. 2 1/4 x 7/8 x 3/4". Metal cover, fibre lined. K12325—Each 12¢

PILOT LIGHTS and NEON BULBS

Jewelled Pilot-Brackets



Fine quality jewelled pilot brackets, for amplifiers, transmitters, etc. All have faceted jewels, highly polished chrome-plated brass brackets. Standard jewelled brackets have 1/2" jewel requiring a 1/16" hole. Jumbo brackets have a 3/4" jewel, requiring a 1/4" hole. Available with Candelabra 110 V., Miniature Bayonet and Miniature Screw Base sockets.

Base Type	Green	Red	Amber	Each
Min. Sc.	K6433	K6432	K6434	10c
Min. Bt.	K6456	K6454	K6458	10c
Cand.	K6427	K6426	K6428	18c

Jewelled Lights Only, For Above
K6430 K6429 K6431 9c

Jumbo Jewels in Standard Assemblies
Min. Sc. K6330 K6331 K6332 33c
Cand. K6333 K6334 K6335 33c

Jumbo Jewel Bracket

For test panel mount in 1 1/8" hole. 3/4" jewel removable; bulb can be replaced from front of panel. Miniature screw base.



K6416—Red	K6417—Green	24°
K6418—Amber	K6425—Opal	

Same, but miniature bayonet base.
K6408—Red K6409—Green
K6410—Amber K6411—Opal
Each **24°**

Giant Jewel Brackets



Have 1" diam. faceted jewels. Chrome plated assembly. Jewels available in Red, Opal, Green

or Amber; specify color desired.
K6403—Candelabra Edison Base. Each **54°**
Use 3 or 6 watt No. 110 V. bulbs.
K6404—Miniature Screw Base
K6405—Miniature Bayonet Base



Trutest Bull's Eye
Just the thing for that new rig! Takes candelabra base bulbs type S-6. For panels up to 1/2" thick.

1" diameter glass jewel with set of 4 color discs—red—green—amber—white. Jewel bezel finished in polished chrome. Socket equipped with soldering lugs.
K14174—Your Cost **44°**

Pilot Bulb Brackets With Screw and Bayonet Sockets



Screw Base	Bayonet Base	Each
K6510	K6488	5°
K6511	K6489	
K6512	K6490	
K6513	K6514	

10 for 40c
100 for \$3.50

Dial Light Coloring

Kit of 4 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 **29°**

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	49°
107	10	7.5	
854	8.5	4.0	

Type T-5: 15 volts, 1 amp. per. Your Cost, Each **75°**

Genuine MAZDA Pilot Lite Bulbs



Write for additional discounts on large quantities of pilot lamps, —ass't. or all one type.



Tubular Bulb, Miniature Screw Base (A)	Type	V.	A.	Each	10 for	100 for
K12274	48	2.0	.06	15c	88c	\$8.14
K12250	41	2.5	.50	9c	54c	4.90
K12251	42	3.2	.35	12c	71c	6.47
K12254	40	6-8	1.5	9c	54c	4.90
K12252	46	6-8	.25	9c	54c	4.90

Round Bulb, Miniature Screw Base (C)	Type	V.	A.	Each	10 for	100 for
K12273	50	6-8	.20	10c	59c	5.39

Tubular Bulb, Min. Bayonet Base (B)	Type	V.	A.	Each	10 for	100 for
K12260	43	2.5	.50	9c	54c	4.90
K12259	49	2.0	.06	15c	88c	8.14
K12283	45	3.2	.35	12c	71c	6.47
K12249	44	6-8	.25	9c	54c	4.90
K12284	47	6-8	1.5	9c	54c	4.90

Round Bulb, Min. Bayonet Base (D)	Type	V.	A.	Each	10 for	100 for
K12261	51	6-8	.20	7c	41c	3.82
K12285	55	6-8	.40	7c	41c	3.82

Popular Min. Base Flashlight Bulbs
G—3 1/2" (C) is small round. G-4 1/2" (C) is large round. TL-3 (E) is lens bulb. P-3 1/2" (not illust.) is pre-focused miniature flange lamp.

Stock No.	Type	V.	A.	Each	10 for	100 for
K12200	13 (G-3 1/2)	3.8	.30	9c	54c	\$4.90
K12201	14 (G-3 1/2)	2.5	.30	9c	54c	4.90
K12202	605 (G-4 1/2)	6.0	.50	10c	59c	5.39
K12203*	222 (TL-3)	2.2	.25	9c	54c	4.90
K12204†	112 (TL-3)	1.1	.22	9c	54c	4.90
K12205	233 (C-3 1/2)	2.3	.27	9c	54c	4.90
K12206	PR2 (P-3 1/2)	2.4	.50	13c	76c	7.06
K12207	PR3 (P-3 1/2)	3.6	.50	13c	76c	7.06

*—White Bead. †Pink Bead

VICTOR Pilot Bulb

Intermediate base, frosted bulb. 110 volts. For Colonial, Victor and other receivers.
K12253—Carton of 10, \$1.45. Each **15°**

CANDELABRA BASE 115 Volt Pilot Lights

Genuine GE Mazda lamps. Type C-6.
K12257—6 watts. Each **15°**
K12258—3 watts. Each **25°**
Type C-7. As above, but cone shape. 7 watts. Available in White Frosted—K12280; Green—K12281; Red—K12282.
Your Cost Each **10°**

NEON GLOW LAMPS



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

10% Discount in Lots of 10 (Assorted)

No.	Type	Finish	Watts	Base	Each	10 for
K12265	G10	Clear	1/2		36°	\$3.25
K12266	G10	Clear	1			
K12267	S14	Clear	2		45c	4.05
K12262	S14	Red	2		49°	4.40
K12263	S14	Orange	2			
K12276	S14	Clear	3		54c	4.86

Candelabra Base
K12264 T4 1/2 Clear 3/4 36c 3.25
K12277 G10 Clear 1/2 41°
K12278 G10 Clear 1 41° 3.65

K12279—Argon (blue) lamp. Edison base; clear; 2 1/2 watts. Each **45c**

RESISTORLESS TYPE Double Contact Bayonet Base



Used in test instruments, noise silencers, voltage regulators, etc. All are genuine GE lamps; highest quality and construction.

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

Additional 10% discount allowed on purchases of lots of 10 resistorless Neon bulbs.

PORCELAIN RECEPTACLES For Neon Glow Lamps

K13331—Candelabra base.	7°
K13330—Miniature.	
Either Size, Each	9°
K13327—Edison base.	
Your Cost Each	

2-Contact Bayonet Base Socket
Plated brass shell. Spring contacts. Bakelite. Base dia. 1 1/8", height 1 1/8". Fits all double contact bayonet base Neon bulbs.
K13332—Your Cost Each **33°**

Coil Dope, Liquid Cement, Lacquers, Etc.

Phenolic Radio Cement
For speaker cones, Bakelite, metal, wood, hard-rubber, etc.
K15310—2-ounce can. **21°**
Your Cost

Liquid Victron
The famous Victron H.F. insulation in liquid form for coating r.f. coils. Dries quickly.
K15260—2 ounce can. Each **21°**
K15308—8-ounce can **76c**
K15278—1-pint can **\$1.47**

AMPHENOL "Liquid-912"
Polystyrene Base
New rapid drying, synthetic resin that is non-hygroscopic and has no loss factor. Ideal for ultra-high-frequency coils, and for impregnating tubing, fibre, fabrics, etc. It is humidity proof and will keep out moisture from any item that it covers.
K15362—2 oz. bottle. Your Cost **29°**
K15363—4 oz. bottle. Your Cost **38c**

"916-8" Thinner for "912"
Thinner or solvent for above. Better than any other solvent, since it has a DC resistance of 430,000 megs.
K15364—2 oz. bottle, with brush. Ea. **15°**

Crystalline Lacquer
A crinkle finishing lacquer for finishing any metal parts with a crinkle finish. Just paint the parts, let it air dry and you have a perfect finish. Black.
K15259—2-ounce can. Your Cost **18°**
K15309—8-ounce can **59c**
K15274—1-pint can **\$1.05**

Colored Lacquer
K15319—Gray. 2-oz. can **24°**
K15320—Brown. 2-oz. can **24°**

MEISSNER Coil Dope & Cement
High "Q" Cement. Ideal for R.F. coils, etc. Maintains "Q". Sticks fast. In 2 oz. can.
K15365—Your Cost **29°**
Radio Cement. For use where great tensile strength must be maintained. 2 oz. can.
K15366—Your Cost **24°**

Color Coding Enamel
For color coding coils, terminals, etc. Green, blue, red, yellow and a bottle of thinner. Two brushes are included. Have your own system of color coding. Adds greatly to appearance of your job.
K15258—Your Cost **27°**

Collodion. Quick drying. For ordinary coils, speaker cones, etc.
K15367—2 oz. can. Your Cost **18°**
Thinner #1. Universal solvent for lacquers, cement, collodion, etc.
K15368—2 oz. can. Your Cost **29°**
Thinner #2. Higher quality solvent, for "High Q" cement only.
K15369—2 oz. can. Your Cost **18°**

We Will Not Knowingly Be Undersold



SET BUILDERS ACCESSORIES



Bantam Tube Shields

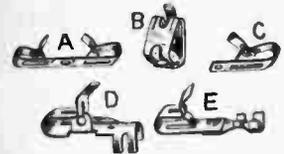
Designed especially for the new 1.5 volt bantam glass tubes or other T-9 bulbs. Unique close-fitting shields which effectively shield as well as dress up a set. Available with and without grid-cap shields, as described below.

K13259—Plain shield, without cap. One-piece, grounds automatically. 10 For 27c
Your Cost Each **3c**

K13260—Same as above, but with short cap and ground clip. For tubes without top grid cap. Type B. 10 For 45c
Your Cost Each **5c**

K13261—Type A. With grid-lead cap and ground clip. 10 For 45c
Your Cost Each **5c**

FAHNESTOCK Spring Battery Clips



Type A, Screw Mount Double Clip
Type B, Heavy Duty Battery Clip
Type C, Screw Mount Single Clip
Type D, Solderless Mount Clip
Type E, Solderless Mount Clip

Stock No.	Type	Lgth. Ins.	Per Doz.	50 For
K14823	C	1 3/4	9c	28c
K14824	C	1 3/4	10c	30c
K14825	A	1 1/2	25c	73c
K14826	A	1 1/2	26c	85c
K14800	B	1	ea.	4c
K14801	D	1 1/4	ea.	4c
K14802	E	1 1/2	ea.	5c

Mounting Lugs

Of cadmium-plated steel. Hole in flat end for 6-32 screw; threaded end 6-32. For securing shield can to chassis, bases, etc. **K14955**—Per 10 **5c**
Your Cost Per 100 25c

Rub-R-Shim

Strips of lively sponge rubber coated with adhesive on one side. 10 ft. rolls.

Stock No.	Size W x T	Your Cost
K14861	3/8 x 1/2"	20c
K14862	3/8 x 3/8"	24c
K14863	3/8 x 1/4"	32c

Battery Clips



K16060—1 1/2" long 10 For 25c. Each **3c**
K16061—2" long. 10 For 28c. Each **3c**
K16062—2 1/2" long. 10 For 42c. Each **5c**
K16063—3 3/8" long. 10 For 55c. Each **6c**

Insulating Pitch

K14864—1-pound can. Your Cost **29c**
K14865—1-gallon can. Wt. 12 lbs. Your Cost **\$1.39**



Jacket Type Tube Shields

Will form-fit all type ST tubes. Bodies consist of two halves held snugly to the tube by a spring ring. Come complete with ground clip to be held by socket mounting bolt against shield.

K13258—For ST-14 bulbs with or without cap such as 24A, 35, 2A5, 01A, 22, 26, 32, 34, etc.
K13262—For ST-12 tubes without grid caps such as 27, 37, 56, 76, 41, 34, 1H4G, 1J6G, 6C5G, 6J5G, 6L5G, etc.
K13264—For ST-12 tubes with grid cap such as 6C6, 6D6, 57, 58, 36, 75, 77, 78, 79, 39/44, 38, 6A7, 6B7, 6D7, 6E7, 6F7, 6F8G, 6J7G, 6A8G, 6U7G, etc.
Your Cost Each, Any Type **5c**
10 For 45c 100 For **\$4.25**

"ST" Type Tube Shields

For 56, 57, 58, etc. type tubes. Three pieces—base, shell, cap. Shell diameter 1 1/8". Overall height 4 3/8". Natural bright aluminum. **K13265**—Ea. **9c**
10 For 75c
100 For **\$6.50**



Metal Tube Grip Cap Shields

For use with screen grid metal tubes. Oxidized black finish. **K13217**—Ea. **4c**
10 For 30c

Aluminum Coil Shields

Bright finish aluminum. One piece. Holes near bottom for bolts. **K12649**—2 1/4 x 2 3/8" high **K12650**—2 1/4 x 4" high
Your Cost **8c**
For 10 60c

Aluminum Coil Shields

Detachable base, permits quick top removal. **K12639**—2 1/4 x 3" high **K12640**—2 1/4 x 3 3/8" high
Your Cost **9c**

Bakelite Tubing

In natural or black. 1/8" thick wall.

Cut to your length, any size.

Stock No.	Out. Diam.	Per Foot	Per Inch
K13150	1"	34c	3c
K13151	1 1/4"	45c	4c
K13152	2"	50c	5c
K13153	2 1/4"	58c	6c
K13154	3"	74c	7c

Natural Tan Bakelite, 1/8" Wall
K13129—1/8" 25c 2 1/2c
K13130—3/8" 27c 2 1/2c
K13131—1/2" 32c 3c
K13132—3/4" 38c 3 1/2c

Polystyrene Coil and Forms

For U.H.F. antenna, RF and oscillator coils. Mounts directly on waveband 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 **12c**

For RF Chokes
Small, round Polystyrene form, for small coils or chokes. Dim.: 3/4 x 1/8" dia. **K11578**—Your Cost Each **6c**

Scotch Tape

For insulating or fastening together many radio items, such as condensers under chassis, etc. Width 1/2". 360 inches in roll. **K15039**—Your Cost **29c**

Screen Grid Clips

Miniature Clips for Metal Tubes. With wire ferrule. **K14985**—Per Doz. 8c
Your Cost **1c**

For Glass Tubes
For Standard Glass Tubes.
K14827—1c 12 For 100 For
Each 6c 39c

Metal & Glass Tube Cap
Fits either type. With 11" lead and pin-tip. In red or black. Specify color with order. **K11728**
Your Cost Ea. **12c**

Rubber Insulated Clip
Soft rubber on spring bronze. Each with approx. 12" lead. No. Type Each
K11620—For 866, etc. 9c
K11621—Glass tubes 5c
K11622—Metal tubes 5c

X'mitting Tube Plate Cap
With cooling fins and heavy spring contacts. Dia. 1 1/4". **K11623**
Your Cost Each **59c**

Adjustable Clamp-on Service Bench Lamp

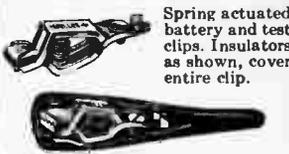
Swings and swivels to any desired position. Clamps easily to bench, shelf, etc. Directs light where desired; eliminates glare. Has double arms for horizontal or vertical adjustments, and double swivel at lamp socket. Arms 34" each; clamp for up to 2" thickness. With shade, cord and plug. Statuary bronze finish. Shpg. wt. 9 lbs. **K13527**—**\$4.90**
Your Cost

"Brush-on" Metal Cleaner
Cleans and polishes all metals, instantly. Non-inflammable, non-abrasive. 4 oz. bottle. **K15361**—Each **20c**

DUCO Cement
Excellent for repairing speaker cones, cementing grille cloths, etc. Lots of 12 19c ea. **K15257**—Each **21c**

8-Yard Spools of Spaghetti
High grade varnished cambric tubing, No. 12 size. American made. Highly flexible 6500 volts dielectric strength. 8-yard lengths wound on durable fibre spools. **K15951**—Red **K15952**—Green
K15954—Yellow **K15955**—Black
Your Cost, Per 8-Yard Spool **53c**

MUELLER Battery Clips and Insulators



Spring actuated battery and test clips. Insulators as shown, cover entire clip.

PEE WEE CLIP—1 1/2" cadmium plated. No. 45. **K16029**—10 For 29c. Your Cost Each **4c**
R. F. PEE WEE—1 1/2" copper. No. 45C. **K16030**—10 For 54c. Your Cost Each **7c**
INSULATOR—for either of the above clips. No. 47. **K16031**—10 For 57c. Your Cost Each **7c**
SMALL CLIP—2" cad. plate. No. 48B. **K16032**—10 For 32c. Your Cost Each **4c**
INSULATOR—for 2" clip. No. 49. **K16033**—10 For 63c. Your Cost Each **9c**
MEDIUM CLIP—3" lead coated. No. 24A. **K16034**—10 For 59c. Your Cost Each **7c**
INSULATOR—for 3" clip. No. 26. **K16035**—10 For **\$1.37**. Your Cost Each **17c**

MUELLER Wee-Pee-Wee Clips

Non-Ferrous R.F. Clip
Will not heat in hi-freq. circuits. Ideal for tapping coils. Length 1 1/4". Completely insulated with Red or Black rubber jacket. Specify color. No. 88-93. **K16022**—Your Cost Each. **12c**
10 For 88c

MUELLER Insulated Grid-Clip Assembly

Specially constructed to grip and stand erect on any grid cap. Completely insulated. **K16025**—10 For **\$1.30**. Your Cost Each **15c**

No. 85T Mueller Crocodile Tip Clip

For lab use, for connecting Bridges, Voltmeters, Ammeters, Galvanometers, or anything having insulated binding posts with non-removable heads. Fine for test instrument prods. 10 For 89c. **K16023**—Your Cost Each **12c**

No. 85, as above, less tip. **K16020**—Each **5c**
10 For 40c

Rubber insulator for either of the above. **K16021**—Each **4c**
10 For 30c

No. 27 Laboratory Clip

High-grade clip, with mesh teeth on three sides. For lab and shop test. 2 1/4" long; jaw spread 3/8". Steel, cadmium plated. 10 For 69c. **K16026**—Your Cost Ea. **8c**
K16027—Same, copper. No. 27C. 10 For **\$1.20**. Your Cost Ea. **16c**
K16028—Rubber insulators for above clips. 10 For 82c. Your Cost Ea. **12c**

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

Tapered Lugs
Fits over all screws up to No. 10; shank fits banana plugs. 1 1/4" long, 1/2" wide. Cut for easy soldering.
K12954
Per Dozen **12¢**



Wing Nuts
Brass, nickel-plated. Have numerous uses.
Stock No. Thread Each
K12926 6-32 4¢
K12927 8-32
K12928 10-32
K12929 1/4-20
Per 100 (assorted) \$2.95

Escutcheon Pins
Antique Bronze finish—3/8" long. For fastening all types of escutcheons or nameplates.
K14811—Per 100
Your Cost **14¢**

Escutcheon Screws
Round head, bronze finish, 3/8" long. Fits any type escutcheon.
K14934—No. 2 size
Per Gross **29¢**

Set Screws
These headless set screws are case hardened and finished in plain steel. Std. packing 100 per box.
K14786 1/8"x6-32
K14788 1/8"x6-32
10 For **11¢**
K14787 1/8"x8-32
K14789 1/8"x8-32
50 For **39¢**

Bumper Feet
These felt feet have a standard 6-P.K. screw inserted in the metal part that holds the felt in place. Width 3/4" overall
K14757—Your Cost Each **2¢**
10 For 18¢
For 50 75¢
For 100 \$1.25

1/4" Brass Spacers
For raising components above chassis or away from panel. All pass, Nos. 4, 6 and 8 screws.
Stock Height For Lots of
No. Inches Ten 100
K9868 12c \$0.98
K9869 15c 1.20
K9870 17c 1.30
K9871 20c 1.50

Locking Washers
K14758—To pass No. 6 screw.
K14759—To pass No. 8 screw.
Either Type **6¢**
Envelopes of 25 20¢

Insulating Washers
Of fibre. Used for metal panel and chassis mounting of parts.
Shoulder Type
Stock No. O.D. I.D. Per 10
K15020 1" 3/4" 10¢
K15021 3/4" 5/8" 85¢
K15022 1/2" 3/8" 10¢
K15023 3/8" 5/16" 85¢
K15025 1/4" 3/16" 10¢
K15026 3/16" 1/8" 85¢

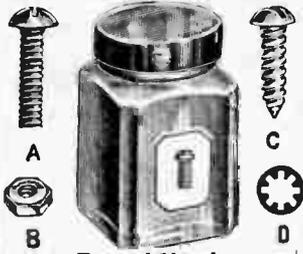
Flat Washers
K15030 1" 3/4" 10¢
K15031 3/4" 5/8" 85¢
K15032 1/2" 3/8" 10¢
K15036 3/8" 5/16" 85¢
K15037 1/4" 3/16" 10¢

Ornamental Top Bronze Finished Machine Screws
No. Size Lgth. Doz. 100 Lots
K14680 6-32 3/4" 8c 45c
K14681 6-32 1" 9c 59c
K14682 6-32 1 1/4" 10c 69c

Assorted Brackets
Box of 28 of the most popular angles and brackets used in radio. Brass, nickel-plated.
K14838
Your Cost **24¢**

RADIO HARDWARE

RADIO HARDWARE IN JARS



Round Head Mach. Screws (A) Nickelplated

No.	Quantity	Size
K14650	100	4-36 x 1/2" long
K14651	100	4-36 x 3/4" long
K14652	75	4-36 x 5/8" long
K14653	90	6-32 x 1/2" long
K14654	80	6-32 x 3/4" long
K14655	70	6-32 x 5/8" long
K14656	75	8-32 x 3/4" long
K14657	70	8-32 x 1/2" long
K14658	65	8-32 x 3/8" long
K14659	60	10-32 x 1/2" long
K14660	50	10-32 x 3/4" long

The most convenient, neatest way to keep your small hardware—in glass jars with screw-on caps.
Your Cost, **24¢**
Any Jar

P-K Self-Tapping Screws (C)

No.	Quantity	Size
K14665	50	No. 4 x 1/2"
K14666	50	No. 6 x 1/2"
K14667	45	No. 6 x 3/4"
K14668	40	No. 7 x 3/4"
K14669	35	No. 10 x 3/4"
K14670	45	No. 10 x 1"

Nickel Plated Hex Nuts (B)

No.	Quantity	Size
K14661	110	4-36 x 1/4"
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	Type
K14671	150	#6 Plain Brass
K14672	150	#8 Plain Brass
K14673	100	#6 Shakeproof
K14674	100	#8 Shakeproof

"1000 PLUS" HARDWARE KIT



Contains over 1000 pieces of most frequently used hardware: 125 assorted 6-32, 100 8-32 and 25 10-32 machine screws; 100 6-32, 100 8-32 and 25 10-32 nuts; 100 assorted wood screws; 150 rivets, eyelets; 100 washers, grommets, etc.; 100 metal washers, lockwashers, lugs, etc. Shpg. wt. 4 lbs.
K14820
Your Cost **95¢**

Right Angle Brackets
All are brass, nickel-plated; width is 3/8". Very sturdy.
Your Cost
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 1/2" x 1 1/2" 3c 25c
K14899 1 3/4" x 1 3/4" 3 1/2c 32c

Tinned Brass Lugs
K14812—No. 1. K14813—No. 2
K14814—No. 3, solderless type.
K14816—No. 4, 5/8" long.
K14818—No. 5, 3/4" long.
Your Cost per 100, **18¢**
Any Type Lug

Rubber Grommet Kits
Available in two assortment kits—"A" contains 12 assorted grommets in 4 sizes—1/4", 3/8", 1/2" to 5/8". Kit "B" contains 30 assorted grommets in 4 standard sizes—1/4", 3/8", 1/2", 5/8".
K14794—Assort. "A".
Your Cost **10¢**
K14795—Assort. "B".
Your Cost **23¢**

Assorted Brackets
Box of 28 of the most popular angles and brackets used in radio. Brass, nickel-plated.
K14838
Your Cost **24¢**

Assorted Fibre Washers
Contains 100 plain and shoulder type to fit Nos. 6, 8 and 10 screws, as well as 1/4", 3/8" and 1/2" holes.
K14832 Shpg. wt. 8 oz. **24¢**
Your Cost per Box

Rubber Grommets
Insulate holes in metal panels, chassis, electrical appliances, etc.
Stock Fits Inside Per
No. Hole Diam. Doz. 100
K14765 1/4" 3/8" 8c 52c
K14766 3/8" 1/2" 14c 55c
K14768 1/2" 3/4" 19c 63c
K14769 3/4" 1" 20c 69c

Colored Grommets
Hard insulating composition; with knurled nut; in red or black. For instruments, etc.
Red Black Hole Diam. L.
K14688 K14689 1/4" 3/8" 4¢
Your Cost Each, Either Color
K14690 K14691 3/8" 1/2" 4 1/2¢
Your Cost Each, Either Color
K14692 K14693 1/2" 3/4" 4 1/2¢
K14694 K14695 3/4" 1" 6¢
Your Cost Each, Either Size

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. **22¢**
Your Cost

Heavy Duty Copper Lugs
For battery terminals, for lines carrying high current, etc., 1" long. No. 8 slot. 100 for 69¢.
K14912—Your Cost per 10. **8¢**

160 Piece Set Builder's Hardware Assortment
Contains: 20 each 6-32x3/8", 6-32x1/2"; 10 6-32x1" screws; 50 6-32 nuts, 10 lugs, 60 lock washers.
K14830—Per Kit **35¢**

Nickel Brass Machine Screws
6-32 Round Head Screws
Stock No. Length Doz. Gross
K14750 3/8" 3c 28c
K14751 1/2" 4c 33c
K14752 3/4" 5c 42c
K14753 1" 5c 55c
K14754 1 1/4" 6c 65c

8-32 Round Head Screws
K14755 5c 50c
K14756 6c 55c

6-32 Flat Head Machine Screws
K14760 3c 30c
K14761 4c 38c
K14762 5c 50c
K14763 5c 50c
K14764 6c 60c

6-32 Oval Head Machine Screws
K14770 3c 30c
K14771 4c 42c
K14772 5c 50c
K14773 5c 50c
K14774 6c 60c

Cadmium-Plated Steel Machine Screws & Nuts
6-32 Round Head Steel Screws
Stock No. Length Per 100 Per 1000
K14922 3/8" 11c \$0.98
K14923 1/2" 12c 1.10
K14924 3/4" 13c 1.17
K14925 1" 14c 1.26
K14926 1 1/4" 16c 1.50
K14927 1 3/4" 20c 1.80

8-32 Round Head Steel Screws
K14928 14c 1.26
K14929 16c 1.50
K14930 17c 1.60
K14931 20c 1.80
K14932 1" 22c 2.05
K14933 1 1/4" 27c 2.43

Cadmium-Plated Steel Hex Nuts
K14939 6-32x1/4" 15c 1.40
K14940 8-32x3/8" 17c 1.55

Nickel-Plated Brass Round Head Wood Screws
Stock No. Size Length Doz. Gr.
K14780 4 3/8" 4c 40c
K14781 5 1/2" 5c 50c
K14782 6 3/4" 6c 60c
K14783 8 1" 8c 80c

Hex Nuts, Knurled Nuts, & Washers, Nickel Brass
K14804—6-32x1/4" hex. nuts. 5¢
Envelope of 20; Net 19¢
Per 100
K14805—8-32x1/4" hex. nuts. 5¢
Envelope of 20; Net 20¢
Per 100
K14806—6-32x3/8" hex. nuts. 5¢
Envelope of 15; Net 25¢
Per 100
K14807—8-32x3/8" hex. nuts. 5¢
Envelope of 15; Net 25¢
Per 100
K14808—6-32x1/4" knurled nuts. Envelope of 6; Net 5¢
Per 100
K14809—No. 6 washers. Envelope of 25; Net 19¢
Per 100
K14810—No. 8 washers. Envelope of 25; Net 5¢
Per 100

Heavy Duty Copper Lugs
For battery terminals, for lines carrying high current, etc., 1" long. No. 8 slot. 100 for 69¢.
K14912—Your Cost per 10. **8¢**

Fixture Wire and Accessories

Cotton Twisted Pair



18 Gauge, 1/4" R.C. wire with a cotton covering offered at prices below the actual market. 2 colors—white or yellow and green mixture. Specify color you desire.

K20932—Your Cost
100 Ft. 250 Ft. 1000 Ft.
95¢ \$2.25 \$8.40

Heavy Twisted Pair

Standard 3/4" rubber wall, 14 gauge. Finest wire obtainable for jobs that call for a wire of large current carrying capacity. Shpg. wt. 5 lbs. per 100 ft.

K20890—
Your Cost, Per Foot 2 1/2¢
Per 100 Feet. \$2.15

RESISTANCE WIRE



Three standard sizes furnished on one spool, to take care of all repair work. 10ft. coiled, 100 ft. uncoiled

and 50 ft. of ribbon. Shpg. wt. 3 lbs.
K13226—
Your Cost \$2.20

Parallel Lamp Cord All Rubber



The two conductors are sheathed in a coating of tough live rubber. A ridge between these conductors allows them to be easily separated without fear of ruining the insulation. In Black, Ivory and Brown. Specify color desired. Shpg. wt., per 100 ft., 3 lbs.

K20920—18 Gauge Your Cost
Per Ft. 100 Ft. 500 Ft.
1 1/2¢ \$1.10 \$5.10

ARMORED CABLE



For auto, radio, outdoor, P.A. systems and oil burner installations. Armor when grounded acts as shield. Shpg. wt. per 100 ft. 8 lbs.

Stock No. 1 Ft. 100 Ft.
K20855—1-Cond. 2c \$1.60
K20856—2-Cond. 3c 2.35
K20857—3-Cond. 4c 3.60

Heavy Rubber Cord



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion proof, high quality rubber. Especially suitable for outdoor work.

Stock No. Size Per Ft. 100 Ft.
K20945 18—2-wire 2 1/2c \$1.95
K20946 16—2-wire 4c 3.75
K20947 14—2-wire 7c 6.40
K20948 18—3-wire 3c 2.45

Asbestos Heater Cord



Heavy asbestos covered wire with an overall braid of tightly woven rayon. Used on toasters, electric irons, heating pads, etc.

K20931—Your Cost:
Per Ft. 100 Ft. 500 Ft.
1 1/2¢ \$1.25 \$5.95

Parallel Silk Lamp Cord



Popular type for connecting radio receivers, lamps, etc. Overall covering of silk braid.

18 Gauge—1/4" Wall
K20836—Maroon K20838—Brown
K20837—Old Gold
Your Cost, Per Foot 1¢
100 Ft. 85c 500 Ft. \$3.90

20 Gauge—1/4" Wall
K20839—Maroon K20841—Brown
K20840—Old Gold
Your Cost, 25 Feet 22¢
100 Ft. 69c 500 Ft. \$3.20

Power Cord and Plug



Attractive, hi-quality 6-foot cord with sturdy plug. For replacement on sets, appliances, etc.

K13285—
Your Cost 12¢

Trio Plug

Bakelite. Three outlets from 1 plug.

K13282—
Your Cost 5¢
Each
12 For 50c



Fused Trio Plug

Same as above, but fused. Prevents main fuse from blowing; protects appliances.

K13249—Your Cost Each 23¢

Fused Cord Plug

Same as the above fused trio plug, but attaches directly to the cord.

K13229—
Your Cost Each 18¢

Current Tap

Straight socket combined with two cap outlets.

K13278—
Your Cost Each 9¢
10 For 78c



Bakelite Outlet

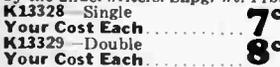
Made of brown Bakelite. Screws into the baseboard. Easy to use and install.

K13312—
Your Cost Each 8¢

Outlet Box Receptacles

Fit the standard outlet boxes. Approved by the underwriters. Shpg. wt. 1 lb.

K13328—Single
Your Cost Each 7¢
K13329—Double
Your Cost Each 8¢



Tape

Highest quality, kept fresh by tin-foil wrapper, and packed in individual boxes. Rubber tape will moisture proof a splice.

FRICTION TAPE

Stock No.	In Roll	Cost Each	Rolls
K14829	2 oz.	6c	55c
K14842	4 oz.	9c	85c
K14843	8 oz.	17c	\$1.60

RUBBER TAPE

Stock No.	In Roll	Cost Each	Rolls
K15040	4 oz.	12c	\$1.10
K15041	8 oz.	25c	2.30

Soft Rubber Handle Plug

Handle plug made of soft rubber. Cannot crack or break. For all appliances.

K13301—
Your Cost Each 4¢
10 For 35c



Bakelite Handle Plug

Genuine Bakelite with handle grip. Prevents pulling out wires. Sturdy prongs.

K13281—Each 3¢
25 For 70c

Same as the above, but without the handle grip.
K13306—Each 2¢
12 For 20c Per 100 \$1.40

Midget Cord Connector

Flat Bakelite type. Underwriter's listed.

K13276—
10 For \$1.45
Each 16¢



AMPHENOL Compact Receptacle & Plug

Molded from bakelite. Mounts easily on radio chassis, electric appliances, electronic and sound equipment, etc. No screws or rivets necessary. Female accommodates all standard plugs, and polarized plugs having one 1/4" blade and one 1/8" blade. Has phosphor-bronze contacts, one cadmium plated for polarization besides one elongated hole. Each supplied with retainer rings, but with or without mounting plate. Underwriters Approved rating, 110 volts at 15 amps., 250 volts 10 amps. Mounting Plate Centers 1 1/2" to 1 3/4".

With Mounting Plate
K11500—Female Recept. Each 17c
K11501—Male Plug Each 17c

Without Mounting Plate
K11502—Female Each 15c
K11503—Male Each 15c

AMPHENOL Flush-Plug Receptacle

Set in drawn steel, burnished nickel-plated shell. For below surface mounting on all types of apparatus. Neat and compact. Overall diameter of shell—1 1/8"; mounting centers 1 3/4".

K11504—Female
K11505—Male (shown)
Your Cost Each, Either Type 24¢
Listed above.



Cable Outlets

Replace conventional type. Metal shell has rubber protective grommet. Take cables up to 1/2".

WITH CABLE CLAMP (A)
K11545—Plug 24¢ Ea.
K11546—Receptacle 24¢ Ea.

WITH SIDE OUTLET (B)
K11547—Plug 21¢ Ea.
K11548—Receptacle 21¢ Ea.



Plug Fuses

High quality house fuses. Have crystal mica windows for easy inspection. All are plainly marked.

K13200—6 A. K13203—20 A.
K13201—10 A. K13204—30 A.
K13202—15 A.
Your Cost Each 4¢
5 For 15c



CARTRIDGE FUSES

STANDARD APPROVED TYPES

K13205—20 amp. Each 5¢
K13206—30 amp. 5¢
10 For 45c



Feed-Thru Switch

Bakelite. Compact and very sturdy.

K13275—Each 13¢
10 For \$1.10



Push Button

Pearl button. General purpose.

K12830—Each 10¢
12 For \$1.10



Bell Ringing Transformer

Primary 110 volts a.c. Secondary 6-8 volts. Wire leads on primary, posts on secondary.

K13245—Each 45¢
5 For \$2.00



Flatiron Element

Fits over 90% of the standard irons, including G. E. Hot Point, Sunbeam, etc.

K13270—Each 19¢
10 For \$1.83



Heater Elements

Best grade resistance wire with standard base to fit all heaters.

No. Shape Each 10 For

K13304 Cone 20c \$1.95
K13305 Straight 27c 2.50

Nickel Chrome Element
600 Watt spiral wound elements. Exact size.
K13317—3/8" dia. Ea. 7c
K13318—1/2" dia. Ea. 12c





HOOK-UP and MAGNET WIRE



Magnet Wire



Finest grade obtainable. Ideal for r.f. coils, chokes, armatures, etc. On wood spools. Write for special prices on larger quantities or sizes not listed below. All continuous lengths.

PLAIN ENAMELED

Stock No.	Size B&S	Ft. Per Lb.	Your Cost 1/4 Lb.	Your Cost 1/2 Lb.
K20950	16	125	16c	23c
K20951	18	202	17c	24c
K20952	20	319	18c	25c
K20953	22	506	19c	26c
K20954	24	804	20c	26c
K20955	26	1280	21c	31c
K20956	28	2030	22c	34c
K20957	30	3220	23c	38c
K20958	32	5100	24c	41c
K20959	34	8080	28c	45c
K20960	36	12800	37c	56c
K20961	38	20300	48c	73c

Double Silk Covered

Stock No.	Size B&S	Ft. Per Lb.	Your Cost 1/4 Lb.	Your Cost 1/2 Lb.
K20962	18	199	\$0.22	\$0.42
K20963	20	314	.23	.44
K20964	22	494	.25	.48
K20965	24	778	.28	.53
K20966	26	1220	.33	.64
K20967	28	1910	.40	.78
K20968	30	2960	.50	.98
K20969	32	4570	.65	1.28
K20970	34	6980	.89	1.76
K20971	36	10500	1.17	2.32

DOUBLE COTTON

Extremely popular with amateurs and experimenters. Highest quality.

Stock No.	Size B&S	Ft. Per Lb.	Your Cost 1/4 Lb.	Your Cost 1/2 Lb.
K20973	16	122	\$0.18	\$0.27
K20974	18	192	.21	.29
K20975	20	298	.22	.32
K20976	22	464	.25	.34
K20977	24	711	.27	.38
K20978	26	1080	.30	.52
K20979	28	1630	.36	.61
K20980	30	2420	.40	.79
K20981	32	3500	.52	.90
K20982	34	4920	.63	1.14
K20983	36	6860	.79	1.40

Push Back Wire

Solid Tinned Copper Core Type

No stripping is necessary. Just push back the double cotton-covered moisture-proofed braid. No. 20 wire. Four colors for circuit identification. Weight 2 lbs. per 100 feet.



Stranded Tinned Copper Core Type

Very flexible wire of multi-stranded tinned copper; equivalent to No. 20. Cotton braid pushes back easily. Available in 4 colors. Weight, 2 lbs. per 100 feet.

25-Foot Coils

K16350—Red	K16352—Black
K16351—Green	K16353—Yellow

Your Cost (10 For 91c), **10c** Per Coil

25-Foot Coils

K16354—Red	K16356—Black
K16355—Green	K16357—Yellow

Your Cost (10 For 97c), **11c** Per Coil

50-Foot Coils

K16358—Red	K16360—Black
K16359—Green	K16361—Yellow

Your Cost (10 For \$1.75), **19c** Per Coil

50-Foot Coils

K16362—Red	K16364—Black
K16363—Green	K16365—Yellow

Your Cost (10 For \$1.95), **21c** Per Coil

100-Foot Coils

K16366—Red	K16368—Black
K16367—Green	K16369—Yellow

Your Cost (10 For \$3.29), **35c** Per Coil

100-Foot Coils

K16370—Red	K16372—Black
K16371—Green	K16373—Yellow

Your Cost (10 For \$3.70), **39c** Per Coil

1000-Foot Spools

K16374—Red	K16376—Black
K16375—Green	K16377—Yellow

Your Cost, Per Spool..... \$3.29

1000-Foot Spools

K16378—Red	K16380—Black
K16379—Green	K16381—Yellow

Your Cost, Per Spool..... \$3.60

Silk-Covered Litz Wire

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

K16152—100-ft. coil **12c**
Your Cost

K16153—1000-ft. coil **90c**
Your Cost

HANDY SIZE SPOOLS OF MAGNET WIRE

For those desiring less than 1/2 lb. of magnet wire, these handy low-priced spools have been made available. All are wound on spools and marked. Number of feet on spool is listed for each type and size.

ENAMELED

Stock No.	Ft. In Spool	Your Cost Each, Any Spool
K16528	25	13c
K16529	40	13c
K16530	48	13c
K16531	85	13c
K16532	133	13c
K16533	200	13c
K16534	292	13c
K16535	420	13c
K16536	590	13c
K16537	805	13c
K16538	1150	13c
K16539	1580	13c
K16540	1980	13c
K16541	2430	13c

Spaghetti and Bus Bar

Highest grade cambric tubing. Red, yellow, green and black.

K15960—Specify Color Per 30-Inch Length **6c**
Your Cost 10 Lengths..... 53c

ROUND TINNED COPPER BUS SIZE No. 12—2-FOOT LENGTHS

10 Lgths.	100 Lgths.
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K15965—Your Cost **14c \$1.27**
K15966—Your Cost **24c \$2.15**

DOUBLE COTTON		DOUBLE SILK		ENAMELED	
Gauge	Stock No.	Ft. In. Spool	Stock No.	Ft. In. Spool	Stock No.
14	K16500	21	K16514	19	K16528
16	K16501	33	K16515	25	K16529
18	K16502	42	K16516	31	K16530
20	K16503	60	K16517	42	K16531
22	K16504	81	K16518	60	K16532
24	K16505	110	K16519	83	K16533
26	K16506	148	K16520	101	K16534
28	K16507	168	K16521	119	K16535
30	K16508	192	K16522	141	K16536
32	K16509	216	K16523	163	K16537
34	K16510	242	K16524	190	K16538
36	K16511	266	K16525	219	K16539
38	K16512	294	K16526	243	K16540
40	K16513	325	K16527	275	K16541

13c

10 Ass't. Spools for \$1.20

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
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Your Cost, **29c** Per Coil

100-Foot Coils

K16348—Black	K16346—Red
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Your Cost, **\$1.02** Per Coil

Lacquered Hookup Wire

Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked.

K16344—100-ft. coil **28c**
Your Cost

K16345—250-ft. coil **67c**
Your Cost

GIANT SLEEVING

1/2" inside diameter, 36" long. Black, saturated cloth impregnated with high-grade oil varnish.

K15956—10 For \$1.25
Per Length **15c**

BELDEN Test Prod Lead Wire

Extra flexible No. 18 wire (65x36 tinned copper with colored wrap) 3/4" rubber wall insulation. Two 7 ft. lengths of red and black (14-ft. total) parallel wound on spool.

K16336—2 lengths 7-ft. each. **22c** per Spool
K16337—Red or Black. (Specify.)
Your Cost per 100 Feet..... \$1.03

TELEPHONE WIRE

Great use in general work, especially for inter-communication phones in private homes. No. 19 Gauge.

2-Conductor
K20895—100 Ft. 500 Ft. 1000 Ft.
Your Cost \$1.70 \$8.10 \$15.40

3-Conductor
K20896—Your Cost \$2.15 \$10.15 \$19.40

Colored Rubber Wire

Stranded and tinned copper wire covered with a live colored rubber compound. Very flexible; easy to strip. Solders instantly. Available in three standard colors.

25-Foot Coils

K16272—Red	Your Cost Each
K16273—Black	13c
K16274—Green	10 For \$1.02

1000-Foot Spools

K16108—Red	Your Cost Each
K16109—Black	3.55
K16110—Green	

BELL WIRE

An excellent grade of No. 18.

K16338—1/2 lb. roll **16c**
Your Cost

K16051—25 ft. roll **6c**
Your Cost

BATTERY CABLE

A high grade, heavily insulated cable with each lead a different color for easy identification.

Stock No.	No. Wires	Per Ft.	Per 100 Ft.
K16089	3	2c	\$1.95
K16090	4	2 1/2c	2.45
K16091	5	3 1/2c	3.10
K16092	6	4c	3.50
K16093	7	5c	3.95
K16094	8	5 1/2c	4.95
K16095	9	6c	5.50
K16096	10	7c	6.50

WIND CHARGER WIRE

For windchargers and farm power plants. Triple cotton-covered copper conductor, thoroughly impregnated.

Stock No.	Gauge B. & S.	Per Ft.	Per 100 Ft.
K20871	12	3c	\$2.65
K20872	10	3 1/2c	3.10
K20873	8	5c	4.50
K20874	6	5 1/2c	5.25

Service Wire Kit

200 FT. WIRE ASSORTMENT

Contains about 200 feet total of lengths from 4" to 24" push-back, r-c hookup, shielded, twisted, lamp cord, heavy a.c. leads, spaghetti, etc. Shpg. wt. 5 lbs.

K16299—In box. **25c**
Your Cost

NOTE: We carry a tremendous stock of wire at all times and can make large quantity shipments at special prices.

BELDEN Television Wire

For high-voltage circuits in television receivers, etc. Made of special rubber compound with Pyro-glaze seal and braid of Fiberglass to protect against corona and heat. Stranded conductor.

K16267—Per ft..... **5c**
25 Ft. For..... \$1.10

Heavy Duty Stranded

No. 16 RUBBER COVERED

K16280—Black	K16281—Red
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50 Ft. 100 Ft. 500 Ft.
Your Cost 34c 66c \$3.15

Stranded No. 14 Gauge

K16121—Black	K16120—Red
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25 Ft. 50 Ft. 100 Ft.
Your Cost 31c 62c \$1.15

Stranded No. 12 Gauge

K16122—Black	K16123—Red
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25 Ft. 50 Ft. 100 Ft.
Your Cost 48c 90c \$1.70

AERIAL ACCESSORIES

Lightning Arresters BRACH "Visi-Glow" NEON Arrester



Uses a NEON TUBE instead of an air-gap or resistance. Fully Underwriters

Approved. Shpg. wt. 1 lb.
K16700—Your Cost..... **59c**
DUPLEX TYPE: Same as above, but for use with sets having doublet antennas. 10 For \$7.50
K16701—Your Cost..... **78c**

Arrester for Doublets

A new approved arrester for the doublet type of antenna. Is of the air-gap type carefully insulated from ground. Housed in heavy, glazed porcelain. Wt. 1 lb.
K16950—10 For \$1.40
Your Cost Each..... **17c**

Porcelain Arrester

ONLY 7c EACH

Housed in brown, glazed porcelain; approved. With brass screw terminals. 1x1 3/4 x 3 1/4" overall.
K16753—Your Cost Each..... **7c**
10 For..... **62c** 100 For..... **\$6.10**

Doublet Lead-in Strip

Consists of two strips covered by heavy cotton weather-proof braid. Bakelite bar holds strips parallel.
K16952—Your Cost Each..... **9c**
Per 10..... **73c**

Single With Clips

K17101—10 For **23c**
Your Cost Each..... **3c**

Single With Terminals

Copper core with water-proof lacquer webbing. 12" long. Has new screw terminals which permit tighter connections.
K17100—10 For **40c**. Each..... **5c**

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**

Special Ground Clamp

Makes a vise-like grip on pipe. Sharp-pointed screw penetrates paint and rust and makes perfect contact with clean metal. Has nut on screw.
K17105—Your Cost Each..... **3c**
10 for..... **22c**
100 for..... **\$1.95**

Plated Ground Rods

Used wherever a pipe ground is not available. Heavy steel yoke for driving head, 1/2" plated steel.

No.	Feet	Each	Per 10
K17187	4	28c	\$2.65
K17188	6	38c	3.60

ANTENNA WIRE FOR ALL AERIALS



Made of the finest copper obtainable. All rolls are guaranteed to be full length and standard gauge as specified. For any type aerial.

Bare Stranded—75-Ft. Coils					
Stock No.	Size	Per Coil	10 Coils	25 Coils	
K16041	7/26	12c	\$1.13	\$2.75	
K16042	7/24	17c	1.65	4.00	
K16043	7/22	25c	2.40	5.90	

Bare Stranded—100-Ft. Coils					
Stock No.	Size	Per Coil	10 Coils	25 Coils	
K16113	7/26	15c	\$1.39	\$3.40	
K16114	7/24	23c	2.25	5.55	
K16115	7/22	33c	3.09	7.60	

Enameled Stranded—75-Ft. Coils					
Stock No.	Size	Per Coil	10 Coils	25 Coils	
K16044	7/24	25c	\$2.40	\$5.90	
K16045	7/22	33c	3.20	7.90	

No. 18 Lead-in Wire.

RUBBER COVERED
Solid tinned copper. 3/16" rubber easy-strip insulation. For lead-ins, ground leads or aerials. Shpg. wt. 2 lbs. per 100 ft. Specify length when ordering.
K16200—25 Ft. 50 Ft. 100 Ft.
Single Coil .10c 19c 35c
Lots of 10..... **95c** **\$1.80** **\$3.30**
K16217—1000-ft. spool **\$3.30**
Your Cost

TRANSMISSION CABLE

Consists of twisted rubber-covered conductors covered by a weather-proof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs.
K17152—100 ft. coil..... **95c**
Your Cost
K17184—500 ft. coil **\$4.45**
Your Cost

SHIELDED TRANSMISSION LINE

A 10-strand wire covered with live rubber, a lacquered cotton braid and a woven, tinned shield.
K16240—50 Ft. 100 Ft. 500 Ft.
Your Cost 45c 85c **\$3.95**

UNIVERSAL COUPLER

With B.C.-S.W. Change-Over Switch For ALL BANDS
Coupler correctly matches the impedance of the antenna to the input impedance of the receiver. Housed in an alloy can. With instructions.
K17078—Your Cost Each..... **49c**

RCA Magic Wave Antenna Coupler

For use with all types of antennas, standard, doublet or vertical rod. Reduces noise on all bands. Easily installed. May be adapted to existing installations. For any length antenna and transmission line. Built-in lightning arrester. Wt. 2 lbs.
K16791—Your Cost **\$1.18**

Enameled Stranded—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
K16116	7/24	34c	\$3.30	\$8.00
K16117	7/22	45c	4.24	10.45

Solid Enameled—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
K16118	No. 14	35c	\$3.35	\$8.25
K16119	No. 12	53c	5.20	12.75
K16129	No. 10	79c	per ft. 1 1/2	

1000-FOOT SPOOLS

These 1000-foot spools are put up especially for servicemen, dealers and laboratories. The purchase of aerial wire in this quantity eliminates loss due to "leftovers" or short, unusable pieces.

Enameled Stranded				Bare Stranded			
Stock No.	Your Cost	Size	Stock No.	Your Cost	Size	Stock No.	Your Cost
K16104	\$4.80	7/22	K16106	\$3.80			
K16105	\$4.80	7/24	K16107	2.80			

Best Grade No. 14 Lead-In Wire

Solid tinned copper core. Heavy (3/4") rubber insulation with weather-proof outer braid. A Code wire.
K16203—25 Ft. 50 Ft. 100 Ft.
Single Coil..... **25c** **45c** **85c**
Lot of 10, ea..... **24c** **42c** **80c**
Lot of 25, ea..... **23c** **40c** **75c**
Shpg. wt. lbs..... **2** **2** **5**

Galvanized Guy Wire

Special grade of tough, annealed galvanized wire. Excellent for guying antenna masts. In 50-ft. roll.
K16156—10 For **\$1.40**
Your Cost Each..... **15c**

NAIL-IT KNOBS

Heavy white porcelain. Leather washer under nail head. 1 3/4" high, 1 1/2" diameter. Slotted for 2 wires.
K16977—Each..... **2c**
10 For..... **18c**
100 For..... **\$1.64**

Porcelain Insulators

Strain insulators made of glazed porcelain. 1/2" holes.
K16802—2 1/2" long.
Your Cost Each..... **2 1/2c**
10 for **19c**. 100 for **\$1.70**.

AERIAL ELIMINATOR

Easy to install; just plug into power receptacle and connect aerial and ground wires to marked posts.
K17084—Your Cost Each..... **33c**

NO-TENNA

Does away with an outdoor antenna. Eliminates fire and lightning hazards. Compact, easy to connect.
K12696—Your Cost **59c**
10 For..... **\$5.50**

Indoor Antenna Wire



Consists of 20 strands of flexible copper wire covered by a mercerized cotton braid. For indoor or a.c.-d.c. antenna use.

25-ft. hank.
K16155—Your Cost..... **10c**

"QUICK-UP" AERIAL

Low resistance wire mounted on adhesive tape. Mounted and concealed anywhere without tacks.



K16164—Your Cost..... **35c**



Insulated Staples
For holding inside lead-in and ground wires in place.
K15950—100 For..... **10c**

Glass Insulators

Special tempered glass, unaffected by heat or cold. High tensile strength. Rigid.
K16849—2 1/2" long.
Your Cost Each..... **2c**
Lots of 100..... **\$1.60**
K16850—3" long
Your Cost Each..... **2 1/2c**
10 For **19c** Lots of 100, **\$1.60**
K16851—3 3/4" long
Your Cost Each..... **5c**



Screw-in-Knobs
For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3" long.
K16972—Net each..... **2c**
10 for **17c** 100 for **\$1.60**
K16986—7" long.
Net Each..... **3c**
10 for **26c** 100 for **\$2.45**

Aerial Tension Spring

Automatically keeps proper tension in aerial and prevents sag. Consists of 2 hooks with porcelain rings inter-connected with a powerful spring. Shpg. wt. 1 lb.
K16487—Your Cost Each **18c**

All-Direction Aerial

Distance with greater volume. Installed in a few minutes—no poles to erect. Battery of heavy 9" wires flared out to point in all directions. More stations on short waves and broadcasts. With hardware and 50 ft. stranded lead-in. K16475—Your Cost **\$1.95**

Windo-Pole Aerial

Consists of three steel sections totaling 8 feet in length. Mounts on any window sill by means of the furnished steel clamp. Requires no wires, or roof work. Insulated lead-in strip included.
K16250—Your Cost..... **\$1.15**

ALL-WAVE Antenna Accessories

Antenna Loops for Midgets and Portables



Ideal for battery and mid-get sets or portables. Replaces antenna coil; gives satisfactory pick-up and excellent selectivity. Inductance slightly higher than necessary, permitting removal of turns for adjustment. 4 3/4 x 8".

K16450—Your Cost Each **44¢**
K16451—Size: 7 1/2 x 9 1/2".
Your Cost Each **47¢**

ICA "Tenna-Scope"



New style, built-in tuned radio antenna for connection to any radioset. No circuit changes necessary. Provides better selectivity and higher signal-to-noise ratio. Adjustment on unit adapts "Tenna-Scope" to any receiver. Measures only 8x5 1/2 x 1 1/2" deep; will fit easily in most mantel and console cabinets. Wt. 2 lbs.

K16452—Your Cost Each **\$1.03**

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, nickel plated. **De-Luxe Model**, supplied complete with adjustable bracket, lightning arrester, stand-off insulator, 40 ft. lead-in wire and mtg. screws. Shpg. wt. 4 lbs.

K21822—Your Cost Each **\$2.50**

K21823—Standard Model. Same as above, but made of Brass, nickel plated. Supplied with adjustable bracket and 40 ft. stranded lead-in wire. Wt. 3 lbs.

Your Cost **\$1.88**

Vertical All-Wave Antenna



An entirely new type of aerial made of three telescoping sections of duralumin extending 12 feet. Plated steel base adjustable for any angle for mounting on roof or side of house, permitting rod to be used as window-pole antenna if desired. Solves problem of good antenna in minimum of space. Built-in Lightning Arrester for double protection; prevents accumulation of lightning charges in vicinity of aerial thus acting as lightning rod. Ordinary lead-in wire may be run from aerial to receiver. Separate lead-in kit available, includes: 40 ft. rubber covered lead-in wire, 6" standoff insulator; 2 nail knobs; lead-in strip; 10 ft. ground wire; "C" ground clamp. Shpg. wt. 6 lbs.

K17148—Your Cost **\$1.76**
K17149—Lead-in Kit
Your Cost **39¢**

RCA Improved Magic-Wave Antenna

Operates 1 to 16 Radios from One Antenna



Uses the new magnetite core antenna and coupling transformers. Easy to install; no doublets or critical transmission line lengths. Transmission line can be installed underground; reducing noise pick-up, avoiding unsightly appearance. Covers 530 to 23,000 kc. Aerial length 20 to 120 feet. By means of distribution transformers and 16 receiving coupling

transformers, a complete noise-reducing installation can be made which will operate up to 16 separate radios with no serious loss or interaction between receivers. Kit comes completely assembled and ready to install. Excellent for use with all types of metal vertical antennas with underground transmission line. Transmission line may be any length up to 500 feet. Has built-in lightning arrester in antenna coupling unit.
K16790—Complete kit for one receiver. Wt. 5 lbs. **\$3.43**
Your Price. (RCA No. 9812).....
K16789—Distribution transformer for 4 additional sets. **\$1.76**
K16788—Receiver coupler (for each outlet). **1.47**
K16787—60-ft. transmission line. **.88**
K16786—45-ft. transmission line (for underground). **1.18**
K16785—90-ft. transmission line (for underground). **2.21**

RCA 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—45-ft. transmission line; 1—Junction Box; 1—Receiver Coupling Unit; 2—Coupling Unit Links; 2—Strain Insulators; 2—Nail-in Knob Insulators; 1—Ground Clamp. Full instructions furnished. Shpg wt. 4 lbs.



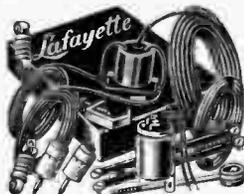
K16465—RCA No. 395 Doublet Kit, complete. **\$2.25**

List \$3.95. **Your Cost** **44¢**

K16782—RCA No. 12855, Set Coupling Unit for 395 and RK-40 Antennas. **Your Cost Each**

Lafayette "De Luxe" All-Wave Antenna Kit

This superior all-wave antenna will enable you to obtain the finest reception of which your set is capable on both short-wave and broadcast bands. Licensed under Amy, Aves & King patents the antenna is completely factory assembled and ready for installation. Kit contains: 2—30-ft. coils No. 7/24 bare copper aerial wire; 50-ft. No. 22 braided transmission line; 2—3" glass insulators; duplex lead-in strip; C ground clamp; 10-ft. coil No. 20 ground wire; **Antenna Transformer in porcelain case**; automatic matching Hi-Response receiver coupler; 6" standoff insulator; 2 nail-knobs. Instruction manual furnished.
K16486—Shpg. wt. 5 lbs. List \$6.00
Your Cost **\$2.49**



"Standard" All-Wave Kit

Designed especially for all-wave reception. Kit contains: 2—30 ft. coils No. 14 solid enamelled wire; 50-ft. coil No. 20 braided transmission line; 2—2 1/2" porcelain insulators; 1 dual lead-in; 6" standoff insulator; ground clamp; porcelain triangle; 2 nail knobs; receiver matching coupler, switch type. Completely assembled, ready for installation. Instruction sheet included. Shpg. wt. 5 lbs.
K16474—Your Cost **\$1.39**

Lafayette Low Cost Aerial Kits

No finer low cost aerial kits have ever been offered. Complete in every detail and containing only the finest components they will provide the ultimate in reception. This kit includes: 100 ft. 7/24 copper wire; 50-ft. No. 18 rubber covered lead-in wire, 25-ft. ground wire, approved arrester, ground clamp, lead-in strip, two porcelain insulators, two nail-knobs. Can be used on all types of broadcast receivers, short-wave receivers and insures excellent reception.
K16476—Your Cost **79¢**



BORKLAND Indoor Antennas



Practical inside aerials, built in Atlas style. Decorative as well as furnishing improved efficiency. Turning the antenna supplies a directional effect,

giving improved selectivity on distant stations. Each measures 9 1/2" dia., illustrates eastern and western hemispheres.

K16453—De-Luxe Model, with Gold and Brown embossed base. Shpg. wt. 2 lbs. **59¢**

Your Cost
K16454—Standard Model. Leatherette base. Shpg. wt. 2 lbs. **29¢**

Your Cost Each

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.

K9067—RCA #33083. **Your Cost Each** **\$1.09**

RCA "SPIDER WEB" All-Wave Antenna



- Factory Assembled
- Easy to Install

An overseas communications type antenna for your home. Comprises a series of doublet antennas and improved transmission line to the receiver. Factory assembled, ready to install. Requires only 38 feet horizontal, 12 feet vertical clearance. 140 to 23,000 kc. (13 to 2142 meters) range. Full instructions furnished. Shpg. wt. 7 lbs.

K17135—"Spider-Web" Kit. **Your Cost** **\$5.26**

High Frequency Kit: Increases range to 70,000 kc. (4 meters). Wt. 2 lbs.

K17136—Your Cost **88¢**

Lafayette Economy Complete Aerial Kits

Has everything essential to make a standard efficient aerial installation. Contains 90-ft. 7/27 stranded wire, 25-ft. rubber covered lead-in, lead-in strip, ground clamp, two nail knobs and two porcelain insulators. The lowest price kit on the market, made up of first quality materials. Complete with instructions. Shpg. wt. 2 lbs.

K16478—Your Cost, Special..... **37¢**

★ Belden ★ THE WORLD'S FINEST RADIO and ELECTRICAL WIRE ★



Beldenamel Aerial Wire

Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shpg. wt. per 100 ft., 3 lbs.

K16232—7x20 Beldenamel. Suited for short-wave aerial systems.
100 Ft. **Your Cost** \$0.78
K16229—7x22 Beldenamel.
75 Ft. **Your Cost**38
1000 Ft. **Your Cost** 4.63



Push-Back Double Braid

No. 20 double braid, waxed. Tinned conductor. In green, yellow, blue, red and black. **Specify color when ordering.**

K16268—25-ft. coil* 11¹/₂c
K16269—25-ft. coil† 13c
K16270—1000-ft. spool* \$3.85
K16271—1000-ft. spool† 4.56
* Solid. † Stranded.

Push-Back Solid Wire

No. 20 solid tinned copper wire with heavy wrap of Cellulose acetate. Overall covered with Lacquered rayon braid. In green, blue, red, yellow or black. **Specify color.**

K16066—25-ft. spool **Your Cost** **18^c**
K16067—1000-ft. spool **Your Cost** **4.62**

Stranded Push-Back Wire

No. 20 stranded copper wire with wrap similar to above. In green, blue, red, yellow or black. **Specify color when ordering.**

K16068—25-ft. spool **Your Cost** **19^c**
K16069—1000-ft. spool **Your Cost** **5.14**

Rubber Covered Hook-Up



No. 18 Stranded Tinned Copper, insulated with .025" Belden color-rubber. Waxed. 25-ft. spools available in green, blue, red, black, yellow.

Specify color.
K16290—25-ft. coil **Your Cost** **18^c**
1000-Foot Spools
1000-ft. spools available in brown or red. **Specify color.** **\$4.12**
K16291—Your Cost

Rubber Push-Back

Tinned conductor, No. 20, cotton wrap, .010" rubber, "Basket-Weave" abrasion-proof rayon braid lacquered. Colors: green, blue, red, yellow or black. **Specify color.**

K16258—25-ft. spool* 19¹/₂c
K16261—25-ft. spool† 21c
K16259—100-ft. spool* 54c
K16262—100-ft. spool† 57c
K16260—1000-ft. spool* \$4.62
K16263—1000-ft. spool† 5.14
* Solid. † Stranded.

Filament Lead Wire

No. 14 wire (41 strands of No. 30). Heavy wrap of cellulose acetate, colored basket weave, rayon braid. Lacquered. Red or black, **specify color.** 2 lbs. per 100 ft.

K16158—25-ft. spool **Each** **34^c**
K16159—500-ft. spool \$5.35

Crystal Mike Cable



Combination copper and phosphor bronze conductor covered by Belden Lo-Capacity rubber compound Tinned copper shield. Rubber sheath overall. O.D. .245". Cap. per ft. 24 mmfd. For ribbon or crystal mikes—or low impedance transmission lines. Extra flexible, unusual strength.

K20844—Per Foot **5^c**
100 Ft. for \$3.96
Same as above, but .260" O.D., 42 mmfd. cap. per ft. **3¹/₂c**
K20843—Per Foot \$2.94
100 Ft. for

Lapel Mike and Pick-Up Cable
Constructed same as above but overall diameter only .155". Capacity per foot 36 mmfd.
K20858—Per Foot **3^c**
100 Ft. for \$2.57

Shielded Rubber Sheathed Mike Cable



20 Gauge stranded tinned conductor with cotton wrap, color coded, rubber wall. Very flexible. Conductors cabled, cotton-wrapped, shielded wrap over shield, overall rubber sheath. Fine for carbon mikes.

Stock No. **Your Cost**
No. Con. O.D. Per Ft. 100 Ft.
K20876—2 .280" 4¹/₂c \$3.82
K20845—3 .280" 5¹/₂c 4.41
K20877—4 .335" 7c 5.59

Unshielded

Specialized for portable amplifiers with one to three remote speakers. Conductors are stranded copper, cotton served, 1/4" rubber wall, color coded. They are cabled with fillers, wrap of cotton with .035" rubber sheath overall.

Stock No. **Your Cost**
No. Con. O.D. Per Ft. 100 Ft.
K20910—2 .245 3c \$2.21
K20880—3 .265" 3¹/₂c 2.79
K20881—4 .260 4c 3.38
K20882—5 .335" 5c 4.26

Single Conductor: Similar to above, but .240" O.D. No. 10 (10x30, tinned). Acid resisting rubber sheath. For "A" battery leads, etc.
K20909—Black **4¹/₂c**
Per Foot \$3.67
100 Ft. for

BELDEN Indoor Aerial Wire

Special non-kink flexible wire. Ideal for A.C.-D.C. sets and winding loops. Made of 65 strands of #38 copper wire.
K16125—Brown Rayon. 100 Ft. **Your Cost** **59^c**
K16126—Brown Cotton. 60 Ft. **Your Cost** **24^c**
K16127—Brown Cotton. 100 Ft. **Your Cost** **\$2.94**



Shielded Hook-up Wire

No. 18 hook-up wire with closely woven tinned copper shielding. For use with screen grid tubes. Shpg. wt. 2 lbs. 100 Ft.
K16294—Your Cost **\$1.18**

TRANSMISSION LINE CABLE



Shielded Twisted Pair

18 stranded, cotton wrap, rubber covered, color coded; paper wrap and tinned copper shield over twisted pair—weather-proofed cotton braid overall. **White.**
K16161—75 Ft. Coil **\$2.20**
K16162—500 Ft. Spool \$13.96

Commercial Twisted Pair

22 (7x30 tinned) paper wrap. .022" rubber. Color coded, overall weatherproofed cotton braid.
K16170—100 Ft. Coil **95c**
K16171—500 Ft. Spool \$4.56

Impedance Matching Cable

18 stranded, cotton wrap, rubber covered, color-coded, twisted pair, overall cotton braid, weather-proofed. **White.**
K16172—75 Ft. Coil **\$1.10**
K16174—500 Ft. Spool \$6.99

"HAM" Transmission Line

12 solid, 1/4" rubber, twisted pair, overall cotton braid, weather-proofed. Carries up to 2000 watts. Shpg. wt. 2 lbs. per 25 ft.
K20887—Per Ft **3¹/₂c**
Per 100 Ft. **\$3.09**

We can supply all types of Belden wire and products in large quantities at special prices. Please write for information, giving complete details.

BELDEN Replacement Cords



Extra flexible all-rubber cord. Rubber plug at end; other end stripped and tinned.

K16307—Brown. 7 1/2 Ft. long. **Each** 17c
K16308—Ivory. 7 1/2 Ft. long. **Each** 18c
K16309—Brown. 12 Ft. long. **Each** 22c
K16310—Ivory. 12 Ft. long. **Each** 24c
K16311—Brown. 18 Ft. long. **Each** 30c

Vacuum-Cleaner Cord: 25-Ft. long. 18 Gauge, rubber covered. **K16305**—Your Cost **65c**

Extension Cords



All-purpose service extension cords with duplex Belden unbreakable soft rubber service block (two-way tap) at one end and all rubber molded plug at the other. Belden #1760 all-rubber extra-flexible lamp cord. Fully Underwriters' Approved.

Ivory No.	Brown No.	Length Feet	Your Cost
K16300	K16301	6	36c
K16302	K16303	10	39c

DeLuxe Iron Cord

8-Ft., 3000 cycle cord. Unbreakable soft rubber plug at one end; deluxe "Cordlife" heater plug, factory sealed, at other. Abrasion-proof heavy-twine braid over conductors gives Longer Life than any other type. In handy transparent box. **K16304** **Each** **61^c**



Light Duty: 6-Ft., 3000 cycle cord with rubber plug and standard iron plug.
K16306 **Each** **32^c**

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 **\$3.38**. **4^c**
Your Cost per Foot

No. 14 gauge. .027" rubber wall. (19x27). 100 Ft. for **\$2.65**

K16218—Your Cost per Foot **3^c**

No. 16 gauge. .022" rubber wall. (19x29). 100 ft. for **\$2.12**.

K16219—Your Cost per Foot **2¹/₂c**

Shielded Ignition Wire



7 Millimeter. Ideal for use in auto radio installations. Consists of a standard 7 mm. lacquered braided wire covered by a tinned copper shield. Shpg. wt. 100 ft., 6 lbs.

K16221—Per Foot **5¹/₂c**
K16222—100 Ft. Spool \$4.56

Shielded Auto-Radio Lead-in Wire



Special cable for auto radios. No. 20 stranded conductor (10x30 tinned) with special low capacity rubber and shielding overall. Maximum capacity between conductor and shield .225". Overall diam. .297".

K20883—Per Foot **3¹/₂c**
100 Ft. for \$2.72

Same as above, but with rubber sheath overall. .290" diam.

K20884—Per Foot **4¹/₂c**
100 Ft. for \$3.82

Tinned Copper Shielding



Finest available. Closely woven mesh assures perfect shielding. Shpg. wt. 4 lbs. per 100 ft.

Stock No.	In. Diam.	Per Ft.	Your Cost
K16214	1/4"	2c	\$0.88
K16215	3/8"	3 ¹ / ₂ c	1.47
K16216	1/2"	9c	3.82

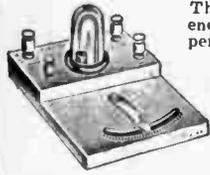


CRYSTAL SETS and Accessories



PHILMORE CRYSTAL RADIO RECEIVERS

THE "SUPERTONE"



The glass-enclosed supersensitive crystal supplied with this receiver will furnish loud clear

signals indefinitely. Needs only phones and aerial system to complete installation.

K13888—Your Cost

69¢

The "LITTLE WONDER"



Uses a supersensitive adjustable crystal and tunes over the broadcast band. The lowest priced radio receiver ever made. Uses single-tune contact slide tuning. Just connect phones and aerial and many stations are heard with good volume.

K13889—Your Cost

52¢

The "Selective"—Cabinet Model



The circuit of this metal-cabinet-housed crystal receiver incorporates a tapped coil and a variable tuning condenser—a real tuned receiver! Equipped with a super-sensitive glass-covered crystal which brings in many stations with exceptional volume and clarity. Two headsets can be plugged in for two listeners. Shpg. wt. 3 lbs.

K13886—Complete with crystal.

\$2.35

"TINY-TIM" 1 Tube

Employs new type 1E4G tube for greater sensitivity and volume. Good headphone volume on all local stations. Single control knob. Colorful airplane luggage case. Compartment for earphone. Complete with 1-E4G tube, single headphone, 1 two-cell #790 battery and instructions. No "B" battery required. Size: 5 1/4 x 2 1/2 x 3 1/4". Net 1 lb. Shpg. wt. 3 lbs.

K13850—Your Cost, Complete.



\$3.23

"DWARF" 1-Tube Portable



Now using the new type 1E4G tube this very popular model is more sensitive and has more volume than ever before. Two controls. Comes complete with single earphone, 2 two-cell #790 batteries and complete instructions. 5 1/2 x 4 1/2 x 3 3/4". New airplane luggage case. Weighs only 1 1/4 lbs. complete.

\$3.90

K13849—Your Cost, Complete.

Cat Whiskers

Finest wire—correct tension—holds that sensitive spot. **K13921—Envelope of 3.**

Your Cost

8¢

Glass-Enclosed Crystal Detector

Dust-proof. An easily adjusted crystal unit equipped with a super-sensitive mineral and a cats whisker of unique design.

K13916—Each

22¢

Mounted Galena Crystal

Galena (lead sulphide) has been used for years because of its extreme sensitivity. These units have been carefully selected and tested. 10 for 40c.

K13900—Your Cost

5¢

Super-Sensitive Crystal

Gets more stations and gets them louder. Each crystal is meter-tested after selection on actual reception.

K13901—10 for \$1.10.

Your Cost

12¢

NEW PHILMORE 3-TUBE BATTERY KIT

A real sensation! A complete 3 tube all-wave battery set complete with a permanent magnetic speaker in kit form that you can easily and quickly assemble at home with a screw-driver, pliers and soldering iron. Employs 1 type 1C5G and 2 type 1H5G tubes. It has loads of volume and is very sensitive. Due to the use of the new 1 1/2 volt series tubes it is very economical to operate. Requires only one 1 1/2 volt dry cell, two 45 V. "B" batteries and one 7 1/2 V. "C" battery. Complete easy-to-read instructions are furnished. One regular "broadcast band" coil is furnished with the kit and additional short wave coils are available to go down as low as 17 meters. The panel is of metal finished in "telephone" black and it as well as the chassis is completely punched and drilled with all necessary holes. Overall dimensions of the receiver—12 1/2 x 5 1/2 x 4 1/2" deep. Shpg. wt. 4 lbs.

K13851—Kit with speaker less tubes, batteries.

Your Cost

1-No. 6 (1 1/2 V.)—2-No. 585 (45 V.)—1-773 (7 1/2 V.) Batteries. \$2.78

K13852—Kit of 3 plug-in coils to cover 17 to 200 meters. \$2.78

\$5.10

Supreme 2-Tube Portable

High-efficiency 2-tube portable receiver with a 5" magnetic loudspeaker. 1-#1C5G and 1-1A5G tubes, supplied with receiver. Pleasing leatherette covered carrying case with handle, —dim; 8x6x5 1/2" H. Battery compartment, not shown, supplied with straps to receiver—so that unit becomes one-piece. Less batteries; types listed below. Shpg. wt. 4 lbs.

K13848—List \$10.00 Your Cost \$6.35

K20104—Eveready #762S—"B" Each \$1.25

K20123—Eveready 1 1/2 V. A. Batt. Each .29c

K20108—Eveready #771—"C" Each .26c



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 in the world. You can also have the fun of assembling it yourself—it's simple and instructive. It employs plug-in coils which permits tuning from 13 to 530 meters; this covers amateurs, airplanes, police, foreign and American broadcasts, ships at sea, etc. The standard broadcast coil is supplied—the others are extra. Metal chassis and panel, parts and instructions are furnished.

K13839—Less tubes and batteries

Your Cost,

Parts Kit

\$1.18

K13840—As above, but completely wired. Your Cost

Eveready batteries: No. 585 (45 v.), No. 6 (1 1/2 v.)

K13841—Kit of 4 extra coils (14-240 meters)

Type 30 tube used in above set. **Your Cost**



2-Tube Battery Set

Similar to above, but uses two type 30 tubes. More powerful—will get more distance. Complete kit of parts with simple instructions and one plug-in coil to cover 200-530 meters. Less tubes.

K13842—Kit

Your Cost

K13843—As above, but wired.

Your Cost

Two 30-type tubes. Net

Eveready batteries: 2 No. 585's

and a No. 6. **Your Cost**

K13841—Set of 4 plug-in coils to

cover 13-240 meters

2-TUBE A.C.-D.C. SET

A real electric receiver. Operates from any 110-volt outlet either a.c. or d.c. Just plug in and tune in. Brings in distant stations loud and clear. Simple instructions. With one plug-in coil for broadcast range (200-530 meters). Cord and plug.

K13845—Less tubes

Your Cost

K13846—As above, but wired.

Your Cost

Two type-76 tubes. Net

K13844—Set of 4 plug-in coils to

cover 13-240 meters

2 Tube AC-DC Kit

A swell new short-wave 2-tube radio that works equally well on either a.c. or d.c. Employs two type 76 tubes. Standard type variable condenser. Metal panel finished in "telephone" black. Metal chassis. Complete with one coil for broadcast (200-530 meters) band.

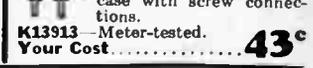
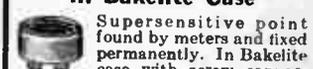
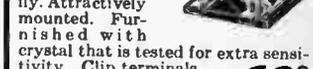
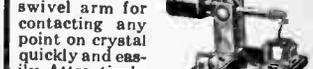
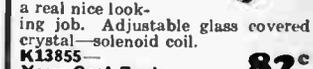
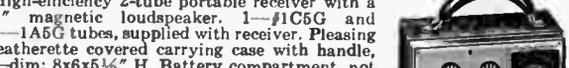
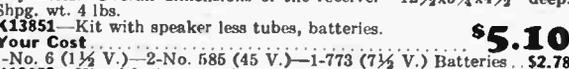
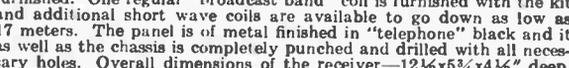
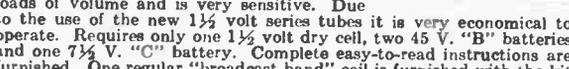
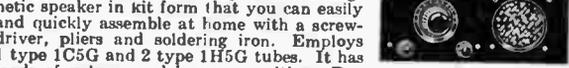
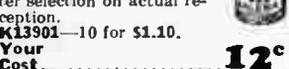
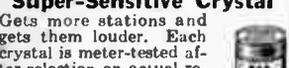
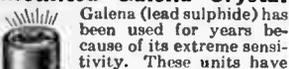
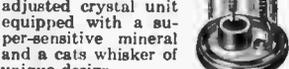
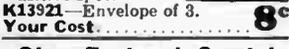
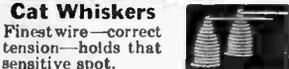
K13853—Kit less tubes.

Your Cost

Two type 76 Tubes. Net

K13854—Kit of 4-plug-in coils to

cover 13-240 meters



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

HEADPHONES and ACCESSORIES

BRANDES "Admiral" Headphones

Compact, efficient phones featuring powerful magnets, molded caps, stainless steel headbands with new type adjustable clips, concealed terminals. With 5-ft. cord.

K13928—2000 ohms **\$1.89**
Per Set
K13929—3000 ohms **\$2.06**
Your Cost, Per Set
K13930—6000 ohms **\$2.49**
Your Cost, Per Set



BRANDES "Superior" Headphones

The old standby in the radio field. Similar to above, but with exposed screw terminals. 2000 ohms.

K13925—Your Cost, Per Set **\$1.79**
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



Extremely sensitive. Polished aluminum shells; Bakelite caps; adjustable webbed band. Impedance 20,000 ohms. 5-ft. cord.
K13931—**Your Cost** **\$2.50**

FROST Standard Headsets

K13932—Per Pair **\$1.48**
2000-Ohm Set
K13933—Per Pair **\$1.65**
3000-Ohm Set

Headphone Adapter

On fibre panel 2x2". For all sets. Three positions; phones, speaker, and both phones and speaker. Full instructions.



K13942—**Your Cost** **85c**

Headphone-Speaker Switching Adapters



Toggle switch disconnects the speaker when phones are in use. Can be attached to any radio. Single adapter type for sets with single output tube; two-adapter type for p.p. tubes.

SINGLE	Prongs	DOUBLE
K11720	4	K11723
K11721	5	K11724
K11722	6	K11725
K11743	8 (oct)	K11744

Single Adapter Type **\$1.45**
Your Cost Each
 Double Adapter Type **\$1.63**
Your Cost Each

Phone and Speaker Cords



Cotton Braid Insulation

No.	Type	Feet	Each
K13955	Double	5	18c
K13956	Double†	5	
K13957	Single†	5	12c

All-Rubber Insulation
 New double headphone cord for hospitals, institutions, etc. **66c**
K13959—Double* 6-ft.

Extension Cords—Tinsel Center
 Double cotton braid insulation.

Stock No.	Feet	Your Cost
K13945†	10	18c
K13946†	20	22c
K13947†	30	33c

*Spade tips one end; straight tips other. †Pin tips both ends.

BRUSH Crystal Phones

Range 60 to 10,000 c.p.s. High impedance. Molded brown cases sealed to insure against tampering. Light and comfortable.

Double Headset. Fig. A. Two phones. Padded adjustable headband. With 5 ft. cord. List Price **\$9.00**.

K13924—**Your Cost** **\$5.29**

Single Headset. Fig. B. Metallic headband with rubber end cushion. 5 ft. cord. List Price **\$5.00**.

K13922—**Your Cost** **\$2.94**

Lorgnette Phone: Fig. C. Single phone with chromium and black enameled handle. Extends from 12" to 17". 5 ft. cord. Shpg. wt. 1 lb.

List **\$6.50**.
K13923—**Your Cost** **\$3.82**



BRUSH "Hushatone" Pillow Speaker



Ideal for hospitals, sanatoriums for convalescents, and bed-ridden patients. Easily attached to any radio. Housed in a sanitary completely sealed rubber housing. Comes complete with rubber covered attachment cable and full instructions. Cannot be heard away from the pillow by others in the same room. 7 ft. cord. **\$4.41**
K13911—**Your Cost**

Brush "Communications" XtalPhones Type "BJ"

Hermetically sealed aluminum cartridge construction with overall cap of soft rubber that provides good ear seal. Yokeless cord design with all rubber cord and rubber covered terminals. Bakelite diaphragm—direct xtal drive. 6 ft. cord. List **\$12.00**.
K13899—**Your Cost Each** **\$7.06**



BRUSH Lightweight XtalPhones Type "B"

Extremely compact construction. Sealed aluminum shell. High impedance. Adjustable metal headband. Lightweight (3½ oz.) makes it especially desirable for continuous use by commercial operators and for the hard of hearing. Furnished complete with 5 ft. cord. Shpg. wt. 2 lbs. List **\$9.00**.
K13909—**Your Cost** **\$5.29**



CANNON-BALL HEADPHONE KIT



When installed, the user can enjoy headphone reception only, speaker reception only or both together. Complete outfit consists of: 3-ft. connecting cable, adapter with three-way switch and terminal jacks on an insulated panel, special Empire phones with 6-ft. cord and complete installation instructions. Shpg. wt. 3 lbs.
K13944—**Your Cost, Complete Kit** **\$1.95**

"EMPIRE" DX TYPE HEADPHONES

Made especially for DX fans. Have featherweight aluminum shells and a one-piece adjustable headband of stainless steel with adjustable clips. Each unit has a powerful bi-polar magnet and a BAKELITE CAP. Highly sensitive. Shpg. wt. 2 lbs.

2000-Ohm Headset **97c**
K13892—Complete.
Your Cost
K13893—3000 ohms **\$1.25**
Your Cost
K13894—Cap for above. Ea., 12c
K13895—Diaphragm. Ea., 5c



"EMPIRE" Single-Unit Headsets
 Similar to above, but one phone. Clock-steel band permanently attached; with 4½ ft. cord.
K13896—1000-ohm single set. **66c**
Your Cost
K13897—1500-ohm single set. **79c**
Your Cost

TRIMM Featherweight Phones
 Lightweight—only 4 ozs. Beautifully made. Bakelite shell and cap. Forged cobalt steel magnets. Adjustable steel headband.
K13919—24,000 ohms impedance. **\$5.88**
K13918—4,000 ohms resistance.
Your Cost Each



TRIMM Dependable Headset
 Well made low priced set. Bakelite shells and caps. Chrome steel magnets.
K13914—2000 ohms. **\$2.00**
Your Cost Per Pair
Professional Headset: Similar but 4,000 ohms. **K13915**—Each **\$2.47**
Commercial Headset: DeLux super-sensitive phones. Exceptionally rugged. 3 year guarantee. A favorite of commercial operators.
K13906—600 ohms impedance. **K13908**—17,000 ohms imp.
Your Cost—With phone plug **\$9.40**
Either Type

Press-To-Talk Transceiver Handset



Has double pole press switch in receiver end. Molded Bakelite, polished metal cap rings. Tropic sealed earphone. Ideal for "Pack" transmitters, portable rigs, two-way systems, yachts, etc. Light weight (18½ oz.). Single button mike. 2000 ohm receiver. With 6-ft. of 4-conductor cable with phone tips. Shpg. wt. 2½ lbs.
K14042—**Your Cost** **\$8.53**

Phone Cushions

Sponge rubber. Protect ears. 10 Pr. for **\$1.95**.
K13940—**Per Pair** **22c**

Hearing Aid Volume Control

Cord control for headphones. Imp. 50,000 ohms. 2¼x1½x1½". With 4 ft. cord. Shpg. wt. 1 lb.
K13890—**\$1.59**
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
Your Cost, Complete **\$2.59**



Hammarlund

"HQ-120X"

Modern 12-tube superheterodyne, covering a complete and continuous range from 31 to .54 mc (9.7-555 meters) in 6 bands. Features: newly developed crystal filter circuit, variable in

six steps from full band-width to razor-edge selectivity, plus phasing control; "S" meter for measuring signal strength; Noise Limiter circuit; Antenna compensator, permitting the use of various types of antennas; AVC; Beat Oscillator; Send-Receive switch; Phone Jack; Relay Terminals; Band-Spread for each band from 10-80 meters for 310 degrees. Employs permeability-tuned I.F. transformers, for extreme sensitivity, 17 $\frac{1}{2}$ x10x12 $\frac{1}{4}$ ". Shpg. wt. 47 lbs. K21011—New HQ-120-X Model (includes crystal for crystal filter circuit) with Speaker and Tubes. Wt. 61 lbs. YOUR COST.....**\$129.00**
K21012—Metal Speaker Cabinet. Dim. 12 $\frac{1}{2}$ x12 $\frac{1}{2}$ x7". Shpg. wt. 15 lbs. YOUR COST.....**\$3.90**

"Super-Pro"

The world's finest. 18-Tube superhet features: 2 stages of tuned r.f.; variable selectivity crystal filter; noise limiter; sensitive "S" meter; full electrical band spread; b.f.o.; 3-stage audio. For 110 volts, 50/60 cycles a.c. in table cabinet 21 $\frac{1}{2}$ x12 $\frac{1}{4}$ x15". Shpg. wt. 115 lbs.



15-555 Meter Models
K21041—Table Model SP210X, with tubes, power supply and 8" dynamic speaker. With crystal. List \$465.00. **\$279.00**
YOUR COST.....
K21043—Rack Model SPR210X complete with dust cover. YOUR COST.....**\$289.50**

7.5-240 Meter Models
K21045—Table Model SP210SX, with tubes, power supply and 8" speaker. With crystal. List \$465.00. **\$279.00**
YOUR COST.....
K21047—Rack Model SPR210SX complete with dust cover. YOUR COST.....**\$289.50**



The New RME-70

11-Tube, 6-Band communications type receiver that covers from 550 to 32,000 kc (10-550 meters). Features: R.F. Stage on all bands; Iron Core I.F. coils; full electrical band spread, with illuminated calibrated dial; built-in "R" METER; terminals for RELAY CONTROL AND BREAK IN; TRIPLE A AUTOMATIC NOISE SUPPRESSOR; resonator control for maximum gain; CRYSTAL FILTER of the phasing type. In gray crinkle finished steel cabinet. 110 V., 50/60 cycles a.c. Shpg. wt. 55 lbs. Tubes used: 5-6K7G's, 1-6K7, 1-6J7G, 1-6H6, 1-6F6G, 1-6A6, 1-80. K21195—Complete with tubes and crystal. Less speaker. YOUR COST.....**\$126.75**
8" PM Speaker in Matching Cabinet. K21196—Shpg. wt. 11 lbs. EACH...**\$11.85**



HOWARD Model 438

8-Tube Receiver covering from 540 kc to 43 mc in four bands. Features include: R.F. stage on all bands; separate coils for each band; electric band-spread with vernier control; 2-stage iron core i.f.; calibrated slide-rule dial; band-in-use indicator; B.F.O. with pitch control; 2 $\frac{1}{2}$ watts output; built-in dynamic speaker; headphone jack; doublet or Marconi antenna connections; provision for external speaker; provision for "R" meter. Black cabinet with silver trim; 8 $\frac{3}{4}$ x14 $\frac{3}{4}$ x8 $\frac{3}{8}$ ". For 110 volts, 50/60 cycles a.c. with provision for 6 volt Type 610 "E" power pack (pack is \$12.50 additional). Model 438—Complete with tubes, less crystal. Shpg. wt. 27 lbs. K21001—YOUR COST.....**\$49.95**
As above, with crystal. K21002—YOUR COST.....**\$59.95**



New HOWARD Model 460

New 10-Tube, 4-Band Communications type receiver that covers a range from 43 mc to 545 kc. Features include: R.F. STAGE on all bands; BUILT-IN FREQUENCY MONITOR; NOISE LIMITER reduces noises on the ultra-high frequencies; ceramic coil forms; BAND SPREAD OF 340"; "R" METER for determining signal strength; headphone jack; illuminated slide-rule main tuning dial; B.F.O. with pitch control; A.V.C.; send-receive switch; BUILT-IN CRYSTAL Tubes used: 3-6SK7's, 1-6H6, 1-6K6G, 1-6K6G, 1-6SQ7, 1-6V6G, 1-6SF5, 1-80. Crackle finished steel cabinet with silver trim, 9 $\frac{1}{2}$ x18 $\frac{1}{2}$ x8 $\frac{3}{4}$ " deep. For 110 volts, 50/60 cycles a.c. Model 460—Complete with tubes, crystal and 8" Dynamic Speaker in matching cabinet. Shpg. wt. 45 lbs. **\$89.95**
K20999—YOUR COST.....



RME DB-20 Preselector

Signal amplifier and image rejector covering from 550 to 32000 kc (10-550 meters) in 6 bands. Provides r.f. gain of 20 to 25 db over entire range. Features: BUILT-IN POWER SUPPLY; smooth gain control; antenna changeover switch; full-view calibrated dial. Uses 2-6K7 and 1-80. In gray crinkle finished case 9 $\frac{1}{2}$ x9 $\frac{1}{2}$ x10 $\frac{1}{2}$ ". For 110 volts, 50/60 cycles a.c. Shpg. wt. 21 lbs. Model DB-20—With tubes. YOUR COST.....**\$42.60**



BROWNING Preselector

Famous signal booster that covers from 5 to 185 meters (1.6 to 64 mc) in five bands. Features: R.F. gain of 25 to 70 db on all bands; electrical band spread; improved signal to noise ratio; new low loss coil forms; may be used as s.w. converter; image rejection ratios of 500 or more; smooth regeneration control; 3-3/16" nickel finish laboratory type dial with vernier drive; antenna throw-over switch; built-in filament transformer (B voltage obtained by means of clip connected to output of receiver). Uses 1-1852 tube. In black crackle finished steel cabinet 7x10x6". Wt. 9 lbs. K21198—Browning SDXP Preselector complete, less tube. YOUR COST.....**\$16.50**
Model SDK—Same as above, but in kit form. Includes all parts, cabinet, hardware, etc. Less tube. K21199—YOUR COST.....**\$13.50**



LES-TET 5 and 10 Meter Converter Kit

Adapts any communications type receiver for 5 and 10 meter operation, and provides the "tops" in performance on these bands. Employs finest components, and features: easy construction; COPPER PLATED CHASSIS, formed and punched; two large National variable ratio dials; BUILT-IN POWER SUPPLY; stand-by switch; oscillator pads plugged in with oscillator coil; Alsmag insulation. Tubes used: 1853 R.F. Amp. (tuned grid and plate); 6K8GT mixer-osc.; 80 power supply rectifier. Steel cabinet 7x14x8". For 110 volts, 50/60 cycles. K21180—Les-Tet 5-10 Meter Converter Kit. Includes all parts, cabinet, hardware and instructions. Less tubes. Shpg. wt. 18 lbs. YOUR COST.....**\$24.95**
Tubes for Above Listed on Pages 33-35.

Other RME Products
Available for prompt shipment.
Model DM-36—Band Expander.....**\$39.60**
Model DM-36A—Band Exp. (batt.)...**\$32.00**
Model DM-36A—Band Expander
(Vibracock operation).....**\$49.50**
Model LF-90—Low Freq. Expander....**\$19.50**
Model ME-14—Battery Portable.....**\$38.75**
Model HF-10—Compact H.F. Rec.....**\$79.30**



NATIONAL HRO and HRO JR.



Standard "HRO"

Professional type communications receiver featuring two r.f. preselection stages that give remarkable image frequency suppression, weak signal response and high signal to noise ratio. Two high gain i.f. stages employ Litz wound coils and are tuned with air condensers. Useable sensitivity and selectivity are exceptional. Incorporates AVC and manual volume controls, V.T. voltmeter calibrated in "S" units, phone jack, Lamb single signal crystal filter, ECO. Ganged plug-in coils cover from 1.7 to 30 mc. Cabinet size: 8 3/4" h., 19" w., 11 1/2" d.

K21264-HRO-2: 2 1/2 volt a.c. table model with tubes and coils (10-176 meters). Less power supply and speaker.
K21265-HRO-6: As above, for 6-volt operation. Shpg. wt. 62 lbs.
List \$229.50.

YOUR COST, EACH... \$179.70

K21250-HRO-2: 2 1/2 volt rack panel mounting receiver, equipped as above.
K21251-HRO-6: Rack panel mounting for 6 volt battery operation. Shpg. wt. 62 lbs. List \$320.00.

YOUR COST, EACH... \$192.00

K21261-Type 5897 power supply for 2 1/2-volt HRO. For 115 v., 60 cyc. a.c. With tube. Wt. 15 lbs.
List \$26.50. **YOUR COST... \$15.90**

K13773-Additional coils, 500 to 1000 kc.
K13774-Additional coils, 900 to 2000 kc.
Shpg. wt. 5 lbs. **YOUR COST, Per Set... \$12.00**

"HRO" Junior

For those who require the high performance of the Standard HRO but do not need its extreme versatility, the HRO Junior is offered. The circuit and mechanical details of both receivers are identical in every respect, but the Junior has been greatly simplified by omitting the Lamb Single-Signal crystal filter, the "S" meter, and by designing coils for continuous band spread only. If desired, the amateur can start with the Junior, and add the additional units ("S" meter, crystal filter, etc.) Prices on these additional units furnished on request.

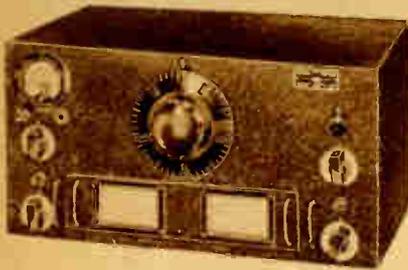
K21252-HRO Junior for 2 1/2 volt a.c. operation. With tubes, coil (10 and 20 M). Less power supply and speaker.
K21253-HRO Junior for 6-volt battery operation. Equipped as above. Shpg. wt. 45 lbs. List Price \$180.00.

YOUR COST, Either Model... \$108.00

K21261 Type 5897 power supply for 2 1/2 volt HRO Juniors. For 115 volt, 60 cycles a.c. With tube. **YOUR COST... \$15.90**

K13793-20-40 meter coils
K13794-40-80 meter coils
K13795-80-160 meter coils
YOUR COST, Per Set... \$9.90

MRR Relay Rack
K21279-MRR Relay Rack, panel capacity, 24 1/2". Can house HRO or HRO Jr., spare coils and speaker. Shpg. wt. 22 lbs. **YOUR COST... \$13.50**



Other NATIONAL Products

Space limitations prevent a complete listing of all National amateur receivers and transmitters in the line. We can supply all units listed below promptly upon receipt of order.

- NTE-A: Speech Amplifier Assembly.
 - NTE-B: Speech Amplifier Assembly.
 - NTE-C: Speech Amplifier Assembly.
 - NTX-30: Complete Amateur Transmitter.
 - NSM: Modulator Unit with either relay rack or cabinet mounting.
 - NSA: Speech Amplifier Assembly.
 - ACSW-3: Receiver, for a.c. operation.
 - 6DCSW-3: Receiver, for 6-volt operation.
 - 2DCSW-3: Receiver, for 2-volt operation.
- We can also supply the National 600-Watt transmitter in "Foundation Unit" form.

BROWNING Frequency Monitor

For precise frequency measurement. Employs a stable 100-1000 kc osc. as a standard. Features: Visual (tuning eye) and Aural zero beat indicator; checks against WWV; accuracy greater than 2 parts in 10,000; complete band spread; built-in mixing circuit; 5 1/2" laboratory dial calibrated for 6 amateur bands; visual deviation indicator. By switching off the 100-1000 kc osc., the frequency monitor may be used as a Signal Generator to check receiver calibration and check frequency of incoming signals. By attaching a very short antenna to the monitor, the signal from x'mitter, exciter, etc. may be impressed on the mixer tube and frequency accurately determined. Case 14x7x6". For 110 volts a.c. or d.c. Wired. Wt. 13 lbs.
K21214 EACH, Less Tubes. **\$27.45**
Requires: 2-6SK7's, 1-6SA7, 1-25A7G, 1-6U5



GUTHMAN Freq. Monitor

Improved model U-10A. Temperature controlled, extremely stable. Fundamental range 840-1030 kc, harmonics cover all amateur bands from 5-160 meters. 7 3/4" etched chrome dial can be accurately set on WWV or 19 broadcast stations in its range. Voltage regulated for keying. Added frequency standard through built-in 100 kc osc. Detector tube provides audio monitoring and zero beating; cathode ray tube for visual frequency deviation reading. Grey enamel cabinet 10 1/2 x 9 1/2 x 7 1/4". For 105-125 volts, 25-60 cycles a.c. or d.c. Shpg. wt. 15 lbs.
K21178-
YOUR COST, Less Tubes... \$28.65
Tubes required: 1-43, 1-25A7, 1-6E5, 1-6J5, 1-VR105 and 1-55A.
K21172 Complete Kit of Tubes... \$5.25



New! Preselector



Incorporates 3 tuned circuits to provide maximum selectivity and image attenuation. Complete coverage from 1.6 to 31 mc in four bands. 7 1/4" slide-rule type dial has each band individually calibrated. Average gain 40 db. An antenna compensating condenser, with panel knob control, permits adjustment for maximum sensitivity and signal to noise ratio with any type antenna. Connections for standard or doublet antenna. Changeover switch allows direct connection of aerial to either receiver or preselector without turning off the preselector. Cabinet 11 1/2 x 11 1/4 x 9". For 110 volts a.c. Uses 2-1852's and 1-5Y4G. Wt. 20 lbs. Less tubes.
K21215 **YOUR COST \$37.48**

Meissner AMATEUR APPARATUS

Signal Shifter

A variable frequency, electron coupled exciter unit with ganged buffer stages. Link-coupled to final stage of low or medium power transmitter or to preceding amplifier in high power rig, eliminating one or more doubler stages. 3-position switch permits automatic built-in relay to cut out transmitter while receiving; to keep exciter on while checking; or to stand by. Uses plug-in coils. Uses 6F6, 6L6, and an 80 tube. Cabinet 11 1/4 x 9 x 11 1/2". Wt. 15 lbs.
K21109-With 80 meter coils, less tubes. **YOUR COST \$39.15**



1-6SK7 and 1-6X5. Shpg. wt. 12 lbs.
K21216 **YOUR COST, Complete with Tubes \$39.10**



K21110-160 M. Coils
K21112- 40 M. Coils
K21113- 20 M. Coils
K21114- 10 M. Coils
\$2.45 Per Set

Signal Calibrator

New amateur device featuring: 100, 50 and 10 kc markers up to 60 mc; silver plated 100 kc crystal; identifies band edges; easily set; delivers modulated or unmodulated signals; enables operator to maintain constant check of transmitted frequency; push-button control of frequency; uses "television" type tubes. Has attenuator and modulation controls. In well ventilated cabinet. Operates on 110 volts, 60 cycles a.c. Uses 2-1852's, 2-6N7G's, 1-6K8.

\$39.10

5-10 Meter Converter



Covers the 5 and 10 meter bands (28-30 and 56-60 mc) on a 2-band dial scale 7 1/4" long. The circuit uses an 1852 r.f. amplifier, 6F6 oscillator, 1852 mixer, VR-150 voltage regulator and 6X5 rectifier. This tube lineup assures an average gain of 20 db. Output impedance will match average receiver input. The converter can be used with any amateur band receiver or standard multi-band receiver. A manual gain control is provided. A changeover position on the range switch permits connecting the antenna to the converter or to the receiver without turning converter off. Cabinet 11 1/2 x 11 1/4 x 9". For 110 volts a.c. Wt. 23 lbs. Less tubes.
K21217-
YOUR COST \$40.42



NC44

The NC-44 is National's response to the demand for a communications type receiver capable of fine performance on A.C. or D.C., and at a low price. Completely self-contained, except for the speaker, it employs seven tubes in a modern superheterodyne circuit. Uses a 6K8 first detector and oscillator having exceptional stability and conversion gain. Other features include: two 456 kc i.f. stages; 2nd detector and a.v.c. tube; CW oscillator and a 25L6G beam power output tube that provides 2 watts of power. Separate controls for r.f. and a.f. gain; "on-off" switches for AVC and CWO circuits. Accurate tuning is insured by the use of a full vision dial calibrated in frequency for each range covered; separate linear scale for the band spread condenser. A straight line frequency condenser is used in conjunction with a separate band-spread condenser. Both condensers have inertia type drive. Coil switch has silver plated contacts and selects any one of the four ranges, covering from 550 kc to 30 mc. Provisions for headphone operation. In black crackle finished metal cabinet 8 $\frac{3}{4}$ " high, 17" wide, 10 $\frac{3}{4}$ " deep. For 110 volts, 50/60 cycles a.c. or d.c. Shpg. wt. 45 lbs.

K21273-NC-44 complete with tubes, coils and speaker in matching cabinet. List \$82.50.
YOUR COST **\$49.50**

NC-44B-Same as above, but for 6-volt battery operation. Less batteries. List Price \$82.50.

K21274 **\$49.50**
YOUR COST

NC80X-81X

This efficient 10-tube superhet communications receiver covers from 550 kc to 32 mc in four overlapping bands. The high gain circuit provides exceptionally fine operating characteristics. Affords a high order of image suppression because of a new i.f. amplifier operating at 1560 kc. Crystal filter has continuously variable selectivity from 300 cycles to 7 kc. Crystal filter remains in the circuit at all times. Tuning system employs a multiple scale dial, full vision type, calibrated in mc. Has mirror for overcoming parallax, and adjustable frequency markers. Air dielectric r.f. and i.f. transformers. Uses automatic plug-in coils controlled by a front panel knob. In black crackle finished cabinet 8 $\frac{3}{4}$ x17x10 $\frac{3}{4}$ ". For 115 volts A.C. or D.C.; self contained power supply.

NC-80X-Complete with tubes, crystal, power supply and 8" PM speaker in matching cabinet. For 115 volts, a.c. or d.c. Shpg. wt. 70 lbs. List \$165.00.

K21269-YOUR COST **\$99.00**

NC-81X-Similar to the model NC-80X described above, but covers only the ham bands (10, 20, 40, 80 and 160 meters). Complete with tubes, crystal, power supply, 8" PM speaker in matching cabinet. For operation on 115 volts, a.c. or d.c. Shpg. wt. 70 lbs.

K21271-List \$165.00.
YOUR COST **\$99.00**



NATIONAL Amateur EQUIPMENT



NC10IX

NC-10IX is an 11-tube communications type superheterodyne receiver built strictly for amateur bands, and covers only the following ranges: 1.7-2.05, 3.5-4.0, 7.0-7.3, 14.0-14.4 and 28.0-30.0 mc. Completely self-contained (except for speaker) in table model steel cabinet, readily adaptable for relay rack mounting. Has one stage of r.f. and two of i.f. Low loss insulation and high-Q coils give ample sensitivity and selectivity. Separate r.f. and a.f. gain controls. Signal strength meter mounted on front panel. Also has tone control, CW oscillator, AVC with amplified and delayed action, "B" switch and phone jack. With crystal filter. Black Crackle finish cabinet 8 $\frac{3}{4}$ x17x11 $\frac{1}{2}$ " deep. For 110 volts 50/60 cycles a.c. Shpg. wt. 89 lbs.

NC-10IX-Complete with tubes, crystal, power supply, "S" meter and speaker in matching case.

K21263 **\$129.00**
YOUR COST

NC-10IXA-Same as above, but with direct reading band spread dial such as shown on NC-100A listed at right. 17x10 $\frac{1}{2}$ x11 $\frac{1}{2}$ ".

K21291 **\$129.00**
YOUR COST



NHU

New, specialized communications receiver that covers from 27 to 62 mc (5-10 meters) in three bands, each calibrated on a direct reading full-vision dial. The circuit employs 3 acorn tubes, 956 r.f., 954 first det. and 955 osc., followed by 3 i.f. stages using 6K7's, a 6C8G diode detector and noise limiter, a 6C8G first audio and carrier-off noise suppressor, a 6S7 CW osc., a 6S7 amplified and delayed AVC and a 6V6G output tube. One large panel knob slides in or out to engage either the tuning condenser or the range changing system. Inertia-type tuning is used, ratio approx. 70:1. Pointer, driven by rack and pinion, always indicates band in use. Coils mounted in an aluminum turret. Includes a wide range crystal filter.

NHU-In table model cabinet 10 $\frac{1}{2}$ x19x16". Complete with tubes, 8" speaker in matching case, crystal and coils covering from 27 to 62 mc. Less power supply. Wt. 68 lbs.

K21292-YOUR COST **\$165.00**

NHU-B-Same as above, for 6-volt battery operation. Less batteries.

K21293-YOUR COST **\$165.00**

Type 5856 Power Supply-For use with NHU. For 110 volts, 50/60 cycles a.c. With rectifier tube. Shpg. wt. 16 lbs.

K21294-YOUR COST **\$17.70**

For relay rack mtg., add \$12.00 to prices shown. Above models available with additional 20-meter band-spread coils. Add \$9.90 to prices

NC100A-100XA

These communications type receivers are similar in circuit design to the NC-10IX described at left but cover the tuning range 540 kc to 30 mc (555 meters to 10 meters). One stage of r.f. and two stages of i.f. are used. Each has self-contained power supply which provides all necessary voltages including speaker field excitation. An extremely efficient range changing system is used, unique in that it combines the mechanical convenience of a coil switch with the electrical efficiency of plug-in coils. The large full-vision dial is calibrated directly in megacycles and a separate high speed vernier dial provides high precision in logging. The NC 100XA is similar to the NC-100A but is equipped with a built-in crystal filter. Size: 17x10 $\frac{1}{2}$ x11 $\frac{1}{2}$ ".

K21256 NC-100A-Complete with all tubes and a 10-inch speaker in cabinet. **\$120.00**

YOUR COST

K21257-NC-100XA-Similar to above, but with built-in crystal filter. Complete with tubes and 10" speaker in cabinet. **\$142.50**

YOUR COST

K21278-Mounted "S" meter.

For use on models NC-80 and NC-81X. Only necessary to connect two wires to install meter.

YOUR COST **\$6.00**

YOUR COST



For Better Transmission

For Better Reception

hallicrafters

WORLD-FAMOUS

New SKYRIDER SX-23

Latest 11-tube communications receiver that sets a new high for frequency stability, selectivity and noise reduction. An improved wide range variable selectivity circuit is used; selectivity controlled by a switch in four steps from needle sharp crystal action to broad high fidelity. The signal to noise ratio is remarkably high and together with an improved noise silencer makes for very quiet operation.

Eight bands are employed: four for general coverage from 10 meters to 540 meters; four for band-spreading the 80, 40, 20 and 10 meter amateur bands. This new band spread system permits more rapid and accurate operation in the amateur bands inasmuch as there is no band set dial to fuss with. All amateur bands are spread out over the major portion of the 330 degree large tuning dial. A new signal meter calibrated in both S units and decibels is used and is balanced on the panel by a frequency range indicator. Both are indirectly illuminated. The large venetian blind type metal tuning dial is also indirectly illuminated and has large, legible numbers. Tubes used: 6SK7 first r.f.; 6SA7 first detector; 6SJ7 h.f. oscillator; 6SK7 first i.f.; 6SK7 second i.f.; 6SQ7 second det., first audio; 6B8 amplified a.v.c.; 6F6G power output; 6SJ7 B.F.O.; 80 rectifier and 6H6 noise limiter. Audio output 3-watts. For 110 volts, 50, 60 cycles a.c. I.F. frequency 455 kc. (iron core transformers). Steel case 9 $\frac{1}{4}$ " high, 19" wide, 12 $\frac{1}{2}$ " deep.

K21181 - Model SX-23 11-Tube Receiver complete with tubes and crystal. Less speaker. Shpg. wt. 56 lbs.

\$115.50

K21193-10" PM Dynamic Speaker in matching cabinet. Shpg. wt. 17 lbs. YOUR COST

\$12.00

The SKYRIDER MARINE

This is a specially designed 8 tube commercial receiver which can be readily adapted for marine work. Its design lays special emphasis on 600 and 700 meter operation. Tunes from 16.2 to 2150 meters (140 KC to 18.5 MC) on 4 bands. Employs a 338° directly calibrated main tuning dial, and an efficient separate mechanical band spread dial. New, improved sensitivity and selectivity; improved image rejection at the higher frequencies achieved by use of 1600 KC I.F. transformers. Other Incorporated Features are: ● Beat Frequency Oscillator. ● Built-In Speaker. ● Automatic Volume Control. ● Individual Coils for each Band. ● Sensitivity, Gain and Tone Controls. ● Head Phone Jack. For 6 volt storage battery operation, use Converter listed below.

K21078 - Model S-22 for 110 volts A.C.-D.C. operation, including tubes and speaker. Shpg. wt. 35 lbs.

\$64.50

YOUR COST

The SKYRIDER 5-10

Ultra-High Frequency receiver of superior design. Covers from 68 megacycles to 27 megacycles (4.4 to 41.1 meters) in two bands and provides high degree of sensitivity and selectivity. The i.f. stage is peaked at 1500 kc, providing a band width of 20 kc at 10 times down. Features include: noise limiter; improved band spread; built-in speaker; send-receive switch; socket for SM21 carrier level meter. Tubes used: 1852 r.f. amplifier; 6L7 first det.; 6J5 h.f. oscillator; 6P7 i.f. and h.f. oscillator; 6SQ7 second det., a.v.c. and first audio; 6H6 noise silencer stage; 6F6 power output and 80 rectifier. Housed in sturdy steel cabinet 18 $\frac{1}{2}$ x9 $\frac{3}{8}$ x8 $\frac{1}{2}$ " with gray finish. Operates on 110 volts, 50/60 cycles a.c.

K21074 - Skyrider 5-10 (Model S21) complete with tubes and speaker. Shpg. wt. 34 lbs. YOUR COST

\$69.50

K14225-ELECTRONIC Model 301 Converter for 6-Volt Battery Operation for SKYRIDER MARINE and 5-10 Receivers.

\$16.17

Shpg. wt. 11 lbs. YOUR COST

HT6 25-WATT TRANSMITTER

A new 8-tube radiotelephone and telegraph transmitter providing a power output of 25 watts on most bands and having a frequency range from 1.7 to 60 megacycles. Tubes used: 6L6 oscillator and doubler, RK39 power amplifier, 6F5 microphone amplifier, 6J5 audio amplifier, 2-6L6G modulators and 2-5Z3 rectifiers. Coils for any three bands may be plugged in and pretuned. All circuits from crystal to antenna switched by front panel knob. Oscillator tube works as straight oscillator on the 20, 40, 80, 160 meter bands using fundamental crystal. For 5 and 10 meter bands, 10 and 20 meter crystals are used. Output coils are designed so that efficient L/C ratios are maintained. Antenna connections are tapped pickup coil coupled to the output coil. For 5 meter operation, a special plug arrangement is used which eliminates most of the switching loss. Additional units available to convert any set of coils in the range of 160, 80, 40 or 20 meters for E.C.O. operation. The E.C. oscillator may be keyed and is very stable. No calibration is supplied, as frequency should be set and checked with external monitor. Any high level high impedance mike can be used; excellent voice quality with 100% modulation is assured. A special form of oscillator keying gives clean, chirpless keying, provides for break in CW. Power drain about 120 watts CW and 225 watts phone. Operation for 110 volts, 50/60 cycles a.c. In attractive steel cabinet 20x12x9". Shpg. wt. 67 lbs.

K21182-HT6 Phone and CW Transmitter complete with tubes for band-switching any 3 amateur bands, less coils and crystals. YOUR COST

\$99.00

Sets of Coils

K21183-160 meters	..... \$4.95
K21184- 80 meters	..... 4.95
K21185- 40 meters	..... 4.95
K21186- 20 meters	..... 4.95
K21187- 10 meters	..... 6.95
K21188- 5 meters	..... 6.95

For crystals refer to page 167.

Electron Coupled Oscillators

For use in conjunction with the coil sets. Set with external monitor.	
K21189-160 meters	..... \$3.65
K21190- 80 meters	..... 3.65
K21191- 40 meters	..... 3.65
K21192- 20 meters	..... 3.65



COMMUNICATIONS RECEIVERS

The SPECIAL SUPER SKYRIDER

This special model S-17, which by popular demand replaces the well known model S-16 Super Skyrider, incorporates every important essential for efficient reception. Covers a frequency range of 62,000 to 545 kc in six bands, all directly calibrated on the large dial, plus over 1000° of unique mechanical-electrical band spreading. It incorporates Wide Range, Variable Selectivity—from single signal razor sharpness to broad high fidelity. New, improved iron core I.F. transformer circuits provide Wide Range Variable Selectivity (7.5 kc to 25.5 kc band width at 100 times resonant input). With crystal in the circuits, selectivity is better than 1 kc, offering a total ratio of variable selectivity of 30 to 1. Features include: TWO STAGES OF PRE-SELECTION; Built-in Dickert Automatic Noise Limiter for better U.H.F. reception; "S" meter on panel; inertia tuning mechanism; B.F.O.; A.V.C.; large, easy to use control knobs. Tubes used: 4-6K7's, 1-6L7, 1-6R7, 2-6V6G's, 1-6J5, 2-6J7's and 1-5Z3. In attractive crackle finished steel case 21 1/8" W., 9 1/4" H., 11" D. For 110 volts, 50/60 cycles a.c. Shpg. wt. 70 lbs.

Model S-17 Special SUPER SKYRIDER complete with tubes, but less crystal and speaker. **\$125.50**

K21073—YOUR COST

Model SX-17: Same as above, but with crystal and 12" speaker in matching cabinet. Shpg. wt. 82 lbs. **\$149.50**

K21090—YOUR COST

K21089—12" P.M. Speaker in matching cabinet. Shpg. wt. 17 lbs. **\$12.00**

Shpg. wt. 17 lbs. YOUR COST



The New SKYRIDER DEFIANT

This new receiver is an amateurs' dream come true. It incorporates every necessary modern advancement to insure outstanding performance, yet is priced to fit the "slim" budget. The Defiant covers a range from 540 kc to 43.5 mc (6.9 to 555.5 meters) in four overlapping bands and includes the following features: FREQUENCY METER TUNING—the band spread dial is accurately calibrated throughout the amateur bands, and once set, maintains a high degree of accuracy throughout the band, bringing in signals on their frequencies as indicated on the dial; BUILT-IN NOISE LIMITER reduces the noise level on the ultra-high frequencies; VARIABLE SELECTIVITY, governed by a 6-position switch, permits razor sharp to broad, high fidelity reception; CRYSTAL FILTER consisting of a Biley crystal in a new Hallicrafters low capacity crystal holder allows high degree of rejection of unwanted signal; BUILT-IN "S" METER shows relative carrier intensity at a glance; ELECTRICAL BAND SPREAD with directly calibrated, translucent illuminated dial; MAIN TUNING DIAL directly calibrated, translucent illuminated; BREAK-IN RELAY OPERATION provided for by terminals on rear panel. For operation on 110 volts, 50/60 cycles a.c. (plug on rear of chassis permits battery or vibrapack operation). Nine tubes used, including: 3-6SK7's, 1-6K8, 1-6SQ7, 1-6F6G, 1-7E, 1-80 and 1-6H6. In crackle finished steel case 19 1/4 x 9 1/2 x 10 1/8".

Model SX-24 Skyrider Defiant complete with tubes and crystal, but less speaker. Shpg. wt. 41 lbs. **\$69.50**

K21194—YOUR COST

10" P.M. Dynamic Speaker in matching cabinet. **\$12.00**

K21193—Shpg. wt. 17 lbs. YOUR COST



The SKY CHAMPION

An 8 tube Amateur's Communication Receiver with complete coverage from 44 MC to 545 KC in 4 bands. Incorporates Pre-Selection, Built-In Speaker, Beat Frequency Oscillator, Separate Band Spread Dial, Individual Coils for each band; Inertia Tuning Mechanism, AVC Switch, Sensitivity Control as well as A.F. Gain Control, Phone Jack, Send-Receive Switch, Pitch Control, Tone Control, and many other refinements. The 8 tubes in this Superheterodyne receiver are used as follows: 6K7-R.F. Stage; 6L7-first Det.; 6J5-H.F. Oscillator; 6K7-I.F. Stage; 6Q7-second Det., AVC, and first Audio; 6F6-Power Output Tube; 80-Rectifier; 6J5-B.F.O. The sensitivity and selectivity of this receiver are only to be compared with communications receivers selling at considerably more than the price listed for this instrument. Housed in handsomely finished steel cabinet, dimensions 18 1/2" wide, 9 3/4" deep, and 8 1/2" high. Shipping wt. 34 lbs. For 110-120 volts, 50-60 cycles AC operation only.

K21093—Model S-20 SKY CHAMPION, with tubes. **\$49.50**

YOUR COST



New SKY BUDDY With 10 Meter Band

Latest model—incorporates many new, improved features. Amateurs and short-wave listeners with "slim" budgets will welcome this sterling receiver. Some of the outstanding features include: six tubes with 8-tube performance; 4-bands covering from 545 kc to 44000 kc—includes the 10-meter band; electrical band spread; separate band spread dial; beat-frequency oscillator with pitch control; send-receive switch; phone jack, band switch; A.V.C. switch; built-in speaker. Tubes used: 1-6K7G, 1-6K8G, 1-6Q7G, 1-7E, 1-41 and 1-80. Equipped for either doublet or Marconi antennae. Black crystalline finished cabinet 17 1/2 x 8 1/2". For 110-120 volts, 50, 60 cycles a.c. (has built-in plug for battery or vibrapack operation). Shpg. wt. 34 lbs.

K21094—YOUR COST, with tubes. **\$29.50**



Other HALLICRAFTER Products

- Available for prompt shipment. Ask for free Literature.
- K21027—Model DD1 Dual Diversity Tuner. YOUR COST..... \$300.00
- K21022—Audio Amplifier for DD1. YOUR COST..... \$50.00
- K21023—Power Supply for DD1. YOUR COST..... \$40.00
- K21024—"Diversity Action" Meters for DD1. YOUR COST..... \$20.00
- K21014—HT-1 50-Watt Transmitter, with tubes, coils for 3 bands, and crystal. YOUR COST..... \$195.00
- K21013—Model HT-7 Frequency Standard (see page 92)..... \$29.50

TELEVISION

New Lafayette Television Tubes NEW 7 Inch SIZE!

An amazing new Cathode-Ray Television Tube that directly replaces the ordinary 5 inch tube yet produces a picture that has more than twice the area of the regular 5 inch type. 5 inch tubes ordinarily have a picture size 3x4" whereas this new Lafayette 7 inch tube provides a picture 4 1/2" by 5 1/2". Its technical characteristics are: Heater Voltage A.C. or D.C.—6.3; Heater Current—6 amps.; Overall length—16 1/4" (± 1/8"); Max. diameter—7 1/4"; Base—large Magnal 11 pin; Fluorescent Screen—white; Picture Detail greater than 441 lines; Maximum anode voltage (anode #2)—3000 volts. **\$25.00**

- Special 7 Inch—Your Cost**
- Five Inch**—Type 1802—Standard type 16 1/4" (3/8") long tube. Electrostatic deflection. **Your Cost \$23.75**
- Five Inch Stubby**—Type 1805—Same as above but shorter. Only 13 1/4" long. Electro-static deflection. **Your Cost \$23.75**
- Nine Inch**—Type 1804—Electromagnetic deflection. **Each \$54.00**
- Twelve Inch**—Type 1803—Electromagnetic deflection. **Each \$67.50**

TACO Television Antenna



A well designed, highly efficient antenna system for the reception of television signals. The complete system consists of both antenna and reflector rods together with suitable mounting brackets, cross arm and 60 ft. transmission line. For the very best results it is recommended that both reflector and antenna be used. However, where the signals are strong enough, and where no reflection of signals from nearby buildings, etc. are experienced good results can be obtained without using the reflector.

- K21830—TACO Television Antenna.** Consists of Antenna Rod, swivel and 60 ft. transmission line (no reflector). Shpg. wt. 5 lbs. **\$4.41 Your Cost**
- K21848—TACO Reflector Rod** complete with wooden cross arm. Shpg. wt. 5 lbs. **\$4.41 Your Cost**
- Note: The two units listed above make up the complete antenna system as illustrated.**
- K21849—TACO Reflector Rod only.** No cross-arm. Shpg. wt. 5 lbs. **\$3.09 Your Cost**

BRACH

Television Antenna

Designed for simple and quick installation on any roof. Consists of: clear Washington Cedar cross arms and 2 section mast; teleceptor rods; climate sealed teleceptor coupler assembled to 75 ft. of low-loss

transmission line; porcelain insulators; mounting clamps; hardware, and full instructions. This antenna is highly recommended and is supplied as standard equipment by some manufacturers of television receivers. Shpg. wt. 9 1/2 lbs.

- K21831—List \$9.50**
Your Cost \$5.58

Magnal or Television Socket

Standard socket used for television tubes. Accommodates up to 11 contacts. Top diameter 1 1/2". Mounts in hexagon hole measuring 1 1/2" across flats. Supplied with press-on mounting rings. Adaptable to panels from 1/8" to 1/4" thick. **K13069—Your Cost \$27**

LOOK & LISTEN by M. B. Sleeper

Up-to-the-second information from confidential sources for Set Builders, Experimenters, Students and Servicemen. As new as the Empire State & Chrysler Building transmitters. Over 100 illustrations. 96 pages. **K19743—Your Cost \$98**



TELCON Television Transmission Cables

TELCON Products enjoy a world-wide reputation for quality which they have earned over a period of 80 years. In that time they have produced nearly 80 per cent of the whole world's output of submarine cables. All of their products are submitted to the same rigorous inspection and control that have earned such an enviable reputation for the company throughout the world.

Among the many types of high frequency (co-axial) cables made by this company are two that merit special attention for their high efficiency and ease of manipulation. These cables (illustrated above) have molded in "fins" to support the wire and are covered with Telconax a patented composition that has a high resistance to chemicals, ozone, sunlight, etc. Especially valuable in coastal towns and in manufacturing centers.

- Single Conductor (A.S.5C.)**
Concentric cable with a characteristic impedance of 100 ohms. Attenuation in db./100 ft. @ 1 Mc.—2; @ 44 Mc.—3. **K20939 Per Foot \$21**
- Twin Conductor (A.S.12C.)**
Has a characteristic impedance of 200 ohms. Attenuation, db./100 ft. @ 1 Mc.—22; @ 44 Mc.—3.3. **K20940—Your Cost Per Foot \$35**

Meissner TELEVISION COMPONENTS

Same components used in complete Meissner Kit described on next page. Offered to the engineer and experimenter for use in further research and experiment.

R.F. Coil Assembly

Includes entire R.F. assembly for the television receiver. Consists of 4 position rotary switch and 2 4-winding coils and trimmers. Each coil includes antenna primary, pre-selector, R.F. input and oscillator windings inductively coupled on same form. One coil for 44-50 Mc. band other for 50-56 Mc. band—both preset at factory. Two other positions on band switch for future expansion when other channels are assigned. List \$12.50 **K10720—Your Cost \$7.35**

Video IF Transformers

Designed for maximum permissible gain. Band width using all three approx. 3 Mc. Permeability tuned. 1 1/2" x 2 1/4" x 1 1/4" high. **K10721—1st. Video I.F.**
K10722—2nd. Video I.F.
K10723—3rd. Video I.F.
Your Cost Each \$2.06
Any Type

Sound IF Transformer

Same size and appearance as above units. Operates at 8.5 Mc. Ferrocart tuned. **K10724—Your Cost \$2.06**

Sound Trap

Tuned to 14.25 Mc. to remove sound portion of next higher adjacent channel which might cause interference. Capacity coupled to first picture (video) I.F. stage. 1 1/2" square by 1 1/2" high. **K10725—Your Cost \$1.47**

Shielded IF Choke

Used between "Clipper" and synchronizing amplifier tube. Passes 13 Kc. and 60 cycles but stops I.F. frequency. **K10726—Your Cost \$59**

Sound IF Grid Coil

Tuned to 8.25 Mc. by adjustable iron core. Connects from grid of sound I.F. tube to AVC. **K10727—Your Cost \$88**

Video Peaking Coil

Laminated base bracket mtg. **K10728—Your Cost \$29**

Low Pass Filter Choke

Keeps I.F. out of Video Amplifier. **K10729—Your Cost \$29**

MEISSNER TELEVISION BOOK

An instructive and entertaining Manual on this interesting art. **K19742—YOUR COST \$25**

CO-AXIAL CABLE

WE CAN FURNISH ALL TYPES OF CO-AXIAL CABLE IN LEAD COVERED, SYNTHETIC REZIN COVERED, VULCANIZED RUBBER COVERED, STEEL TUBE COVERED, AND COPPER TUBE TYPES. ALSO ALL TYPES OF TRANSMISSION LINE FITTINGS INCLUDING GAS-FILLED LINES AND NITROGEN SETS FOR SAME. AMONG THE FAMOUS MAKERS WHOSE PRODUCTS WE CARRY ARE:

AMPHENOL
BELDEN
COMMUNICATIONS PRODUCTS
TELCON, etc.

WRITE FOR QUOTATIONS AND DESCRIPTIONS.

"Video" Littlefuses

Vacuum enclosed, low current, high voltage fuses. For protecting television equipment against failures due to loss of bias, insulation break-down, shorts, etc. Also used for protection against lethal shock. For this purpose use sizes from 1/200 ampere and less. Will break up to 15,000 volts peak. All are 1 1/2" x 1/2".

Stock No.	Amps.	Stock No.	Amps.
K12333	1/1000	K12336	1/100
K12334	1/500	K12337	1/32
K12335	1/200	K12338	1/16

Your Cost Each, Any Type \$29

SPRAGUE Television Condensers

Round aluminum can condensers especially designed for use in television receivers and cathode-ray oscilloscopes. Special molded top with divider between terminals. Screw and lug terminals mounted on porcelain stand-offs. Oil impregnated and oil filled. We are listing below practically every size used for this type of work.

Stock No.	Cap. Mfd.	Wkg. Vlts.	Can Size Inches	Your Cost
K3153	.03	7000	2 1/2" x 4 1/2"	\$3.53
K3154	.06	4000	2 1/2" x 3 1/2"	3.53
K3155	.2	2500	2" x 3 1/2"	4.12
K3156	.05	2500	1 1/2" x 3 1/2"	3.09
K3157	.03	4000	2 1/2" x 2 1/2"	3.24
K3158	.03	7500	2 1/2" x 4 1/2"	5.30
K3159	.05	7500	2 1/2" x 5 1/2"	5.88
K3160	.001	7500	1 1/2" x 3	3.23
K3161	.06	2000	1 1/2" x 3	2.21
K3162	.1	2000	1 1/2" x 4	2.65

JEFFERSON Deflecting Yoke

For use with magnetically deflected picture tubes such as the No. 1800, 1801, 1803 and 1804. Supplies horizontal and vertical deflection when used with the proper output transformers. Designed for high scanning efficiency and freedom from picture distortions and defocusing. Inside diameter fits all standard picture tubes. Dim. O.D.: 2 1/2" x 3 1/2". Shpg. wt. 2 lbs. **K5461—Your Cost \$5.88**

TELEVISION

Meissner TELEVISION KIT

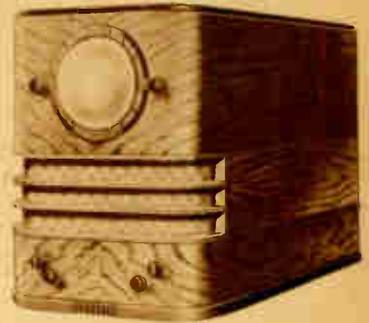
Yes, you certainly can build a highly successful television sight-and-sound receiver yourself at home with only a very few tools. In fact all you will need is a screwdriver, a pair of pliers and a soldering iron. Designed by Meissner, this receiver is unusually successful and provides bright, clear black-and-white pictures that have an amazing wealth of detail. The R.F. circuits are aligned at the factory and aligning for sensitivity and band width is easily done with instruments available at any radio repair shop.

AN EXCELLENT WAY TO LEARN ABOUT TELEVISION

Assembling one of these kits is an excellent way to learn about this fascinating art. Wide-awake servicemen and students will quickly realize how valuable such experience is and how much prestige they will gain when they permit their customers to view television on a receiver they built themselves! The set is designed to receive the standard RMA signal (441 lines). It is provided with a switch to tune in both the 44-50 and 50-56 megacycle channels. And space is provided in the switch assembly for the addition of two more coils so that the set can easily and inexpensively be expanded to receive 4 stations.

SHOCK-PROOF DESIGN FOR SAFETY

Exceptional care has been taken to make this receiver 100% safe—even in the hands of the inexperienced. High voltage leads and components are completely protected by interlock safety switches.



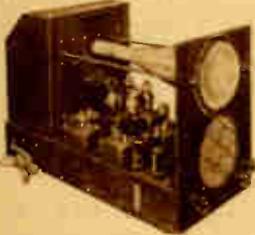
Complete Kit Ready To Assemble

The complete kit includes 17 tubes: 1-1802-P4 5" Videotron, 1-6J5, 4-1852's, 1-6H6, 1-6F6, 2-6N7, 2-6P8G's, 1-1853, 1-6SQ7, 1-6V6, 1-879 and 1-5V4G. All necessary parts, detailed circuit diagrams and instructions are included. Cabinet is available as noted below. The receiver is designed for operation on 110 volts 60 cycles a.c. only.

Shpg. wt. 50 lbs.
K22402 Less Cabinet **\$136.71**
Your Cost Complete
 Beautiful walnut cabinet especially designed for the Meissner Television Rece ver. Overall dimensions are 10 3/4 x 14 1/2 x 22" Deep. Wt. 22 lbs.
K22403 Your Cost Complete **\$19.60**

FEATURES

- ★ Black-and-White Reproduction
- ★ Sound and Video in one unit, both operating on super-heterodyne circuit.
- ★ Latest type RCA Videotron with Push-Pull Electrostatic Deflection—prevents "key-stoning", permits perfect focusing at extremities of picture.
- ★ Wide band picture I.F. Channel with permeability tuned coils.
- ★ 14 1/2 Megacycle Trap prevents interference from the sound channel of the adjacent Television Band.
- ★ Video Amplifier using shunt peaking gives maximum gain with flat frequency response up to 2.8 megacycles.
- ★ Licensed under RCA Patents.



RCA VICTOR TELEVISION PARTS AND ACCESSORIES

PARTS FOR RCA 5 INCH ELECTRO-STATIC DEFLECTION KINESCOPE

Vertical Transformer
 Part #32898—Designed for low frequency blocking-oscillator circuit. Most efficient at 60 cycles. Primary D.C. resistance. 670 ohms Secondary D.C. resistance. 135 ohms Ratio 1:16:1. List \$1.75
K10704—Your Cost \$1.03

Horizontal Transformer
 Part #32899 For high-frequency blocking-oscillator circuits. High efficiency at 13,200 cycles. Primary D.C. resistance 3.5 ohms Secondary D.C. resistance. 8.55 ohms Ratio 1:2. List \$1.75
K10705—Your Cost \$1.03

High Voltage Capacitor
 Part #33020—15 mfd. @ 2500 V.—.05 mfd. @ 3000 V. with bracket.
K10706—List \$2.65
Your Cost \$1.56

Low Voltage Reactor
 Part #33120—8 henries @ 0.14 amp. D.C. Resistance 315 ohms.
K10707—List \$3.25
Your Cost \$1.91

Low Voltage Capacitor
 Part #33190—2 sections 30 mfd. @ 450 V.; 1 section 10 mfd. @ 150 V. List \$2.50
K10708—Your Cost \$1.47

H. V. 4-Prong Socket
 Part #33211—Bakelite. Non-dust collecting. List \$1.00
K10709—Your Cost .59c

Coupling Capacitors
K10710—Horizontal Part #33340—.05 mfd. @ 3000 V. List 50c
K10711—Vertical Part #33341—.005 mfd. @ 3000 V.
 Each, Either Type **29c**

Power Transformer
 Part #33390—Prim. 117 V. Secondaries: 660 V. ct @ 140 Ma.; 2240 V. @ 2 Ma.; 6.6 V. @ 3 A.; 6.3 V. @ .6 A.; 5 V. @ 3 A.; 2.5 V. @ 1 1/2 A.; 12.6 V. ct @ 3.82 A.
K10712—List \$13.50
 Each **\$7.94**

Double Di-Pole Antenna

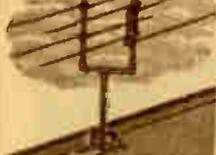
RCA's finest Television antenna for use where reflection is not a problem. It provides excellent reception on any one of the five channels for which RCA Victor Television Receivers are designed (the 44-50, 50-56, 66-72, 78-84 and 84-90 megacycle bands) giving excellent signal strength and noise reduction on each one. The Antenna consists of four rods, a wooden mounting pole, and accessories for convenient location. Numerous other accessories for increasing its height, for making special types of installations, etc., are available. RCA #9871.
K21853—List Price \$7.40
Your Cost as Described \$4.41



(K21853, K21855, K21856, K21857)

Double Di-Pole Reflector

Reflector designed for use with the above described Double Di-Pole Antenna. Gives improved reception of signals from one direction with rejection of signals from the opposite direction at a ratio of 3:1 on 44-50 and 50-56 Mc. bands. Also increased gain of approx. 50% of signals from the desired direction. Additional accessories listed below.
K21854—List \$13.75
Your Cost (Reflector only) \$8.09



(K21853, K21854, K21855, K21856)

Accessories For Above Antennas

K21855—Mounting bracket—complete (illustrated at bottom of both installations shown above).
Your Cost \$4.27

K21856—Galvanized Pipe—6 feet long (lower section of pipe shown in pictures above).
Your Cost \$1.45

K21857—Extension Pole Coupler (illustrated and for use only with Double Di-Pole shown at top).
Your Cost \$1.12

Write for Prices on Indoor and Outdoor Transmission Cable.

Double "V" Television Antenna

A popular price antenna for use where reflections are not a problem. Suitable for most suburban areas. For reception of 44-50 and 50-56 Mc. bands. Can be adjusted for other channels. Complete except for poles. Has 90 ft. transmission line.
 List \$4.00
K21852—Your Cost \$2.36



We can furnish all new RCA Television Products as soon as available at our regular low prices.

PARTS FOR RCA 9 & 12" MAGNETIC DEFLECTION KINESCOPIES

YOKE
 Part #9857 Windings for horizontal and vertical deflection circuits.
 Coil inductance, Vertical 4.5 MH
 Horizontal 1.5 MH
 D.C. resistance:
 V-45 ohms H-5 ohms

One vertical coil has 5600 ohms resistor to counteract transient waves from horizontal coil.
K10713—Your Cost \$10.29

H. V. Power Transformer
 Part #9861—Prim. 117 V.; Rectifier filament 2.5 V. @ 5 A.; Sec.—7000 V. @ 2 Ma.
K10714—List \$22.50
Your Cost \$13.23

Horz. Output Transformer
 Part #9862—Supplies 13,200 cycle saw-tooth current wave to yoke. Core and coil rubber mounted. D.C. resistance—Prim. 13.2 ohms; Sec.—832 ohms. Ratio 5.78:1.
K10715—List \$17.50
Your Cost \$10.29

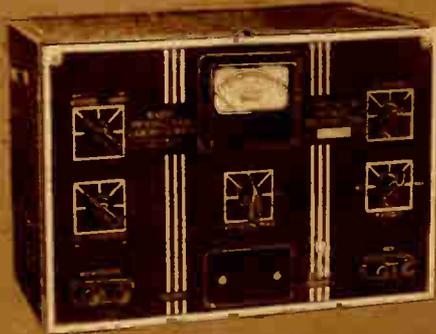
Vert. Output Transformer
 Part #32900—D.C. resistance—Prim.—1122 ohms; Sec.—8 ohms. Ratio 15.95:1. List \$5.50
K10716—Your Cost \$3.24

Vert. Osc. Transformer
 Part #32898—For low frequency circuit. Most efficient at 60 cycles. D.C. resistance—Prim.—670 ohms; Sec.—135 ohms. Ratio 4.16:1.
K10704—List \$1.75
Your Cost \$1.03

Horz. Osc. Transformer
 Part #32899—High efficiency at 13,200 cycles. D.C. resistance—Prim.—3.5 ohms; Sec.—8.55 ohms. Ratio 1:2. List \$1.75
K10705—Your Cost \$1.03

H. V. Capacitor
 Part #33018—.03 mfd. @ 7500 V.
K10717—List \$3.75
Your Cost \$2.21

"HAM" TRANSMITTERS



HALLCRAFTERS HT-8 Marine Radiotelephone

The HT-8 consists of a 25-watt transmitter and a receiver housed in a single cabinet that can be mounted on table or wall.

TRANSMITTER: Power output 25 watts phone carrier; uses 6L6 osc., 807 class C amp., 6J5 speech amp. and 2-6L6G modulators. Frequency control by means of low drift quartz crystals. Freq. range: five marine frequencies, in range 2000-3000 kc. or, if desired, one or two of the 5 in range 3000-6000 kc.

RECEIVER: Uses 6K7 r.f. amp., 6L7 det., 6SJ7 h.f. osc., 6K7 i.f. amp., 6SQ7 sec. det. and QAVC. 6SF5 audio, 6K6G output. QAVC suppressor prevents static and noise when no carrier is present.

OPERATION: By press-to-talk system. Telephone handset, when lifted from hook, transfers output from speaker to handset.

CONTROLS: Transmitter frequency switch, receiver frequency switch, rec. volume control, transmitter filaments and receiver "on-off".

POWER SUPPLY: Separate unit, supplied. With connecting cable. Operates on 12 volts d.c. or 110 volts a.c.

CABINET: Completely rust-proofed. All parts plated or with wrinkle finish. 20" wide, 15" deep, 9" high.

Model HT-8: Complete with tubes, coils and power supply. Less crystals. Shpg. wt. 105 lbs. **\$270.00**
K21218—YOUR COST
 Bulkhead mtg. model available on order at additional \$20.00. Mounted crystals for any range within 2000-3000 kc. supplied at \$24.50 each. Specify frequency desired. Power supplies for 32 volt-110 volt a.c. and 110 volts d.c.-110 volts a.c. available with HT-8 at same price quoted. Specify on order.

NATIONAL NTX-30 Transmitter

Compact, efficient transmitter for CW or Phone, having an output of 30-watts on 10, 20, 40 and 80 meters. Employs same exciter system used in the popular NTE and has special interlocking push switch in the exciter circuits. A plug-in coil is used in the output stage. Uses 4-6L6's as crystal oscillator and doublers and 2-6L6G's in the final stage. Power supply uses 2-83's. Dual-range illuminated meter for metering all circuits by means of selector switch. Keying is in final amplifier or in osc. for break-in operation.

Output circuit for antenna coupling is for 72 ohm untuned line. In table mounting cabinet with black wrinkle finish.

NTX-30 Transmitter: Complete with all tubes, coils and crystal holder. Less crystals (see page 167). For 110 volts, 50/60 cycles a.c. Shpg. wt. 70 lbs.

K21219—YOUR COST **\$117.00**
 Same as above, but for relay rack mounting.

K21220—YOUR COST **\$123.00**

RTL Model HFM Wide Range Transmitter

Useful in Amateur, Commercial and Experimental services. Standard coils cover the 5, 10, 20, 40, 80, and 160 meter amateur bands and the 30-41 mc. experimental or police frequencies. Uses a 6L6 oscillator which may be operated as a straight pentode or as a frequency doubler or quadrupler. An RK49 ceramic base "beam" tube is R.F. amplifier; 6C5 driver and a 6L6 "beam" output tube. Power output is a minimum of 12 watts carrier, 48 watts peak modulated, on any band from 10 to 160 meters, using 300 volts. Provision has been made for the use of any type of antenna or transmission line. Standard input is for a single button mike as low as -40 db. Only two crystals are necessary; 40 meter and 160 meter. Kevin

for c.w. or m.c.w. Cadmium plated metal cabinet with slate-gray wrinkle finish. Size 8 1/4 x 12 x 6 1/2". Wt. 20 lbs. Model HFM: Less tubes, coils, power supply and crystals.

K21221—YOUR COST ... **\$52.10**
 Coils for above. Per Set

K21222—5-10 meters } **\$3.43**
K21223—20-40 meters }
K21224—80-160 meters }

110V. A.C. Power Supply: Delivers 300 volts at 175 ma., and 6.3 volts at 5 amps. Extra 2.5 volts at 14 amps. With cables and plugs. 15 1/2 x 7 1/2 x 6". Shpg. wt. 26 lbs.

K21225—YOUR COST ... **\$29.40**
 For crystals refer to page 167; tubes on pages 33-35; Vibrapacks on page 170.

GUTHMAN U-31 "Send-'Ceiver"

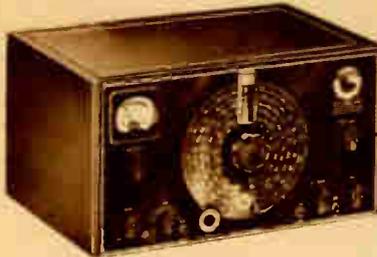


Complete amateur station, comprising receiver and transmitter. Receiver is 3-tube regenerative tuning from 10 through 700 meters in 5 bands. Uses 7C7 Loktal detector, 7C5 Loktal power amplifier delivering 4.25 watts, and 80 rectifier. Head-phone jack on panel, speaker terminals on rear of chassis. Switch selects stand-by, receive and send positions. Basis transmitter is a 1-tube crystal controlled oscillator with band switching. Uses 7C5 Loktal tube and delivers nearly 10-watts. 3-position crystal switch allows operation upon 3 amateur bands (6 bands when 7C5 power amplifier is added). Oscillator plate circuit has 3-position switch to select one of three coils covering 5-10, 20-40 or 80-160 meters. Key and mike jacks on panel. Includes 0-150 ma. plate meter.

U-31 KIT: Includes all parts for receiver and 1-tube transmitter, a.c. power supply and meter. With instructions. Less tubes. Shpg. wt. 20 lbs.

K21226—YOUR COST **\$29.37**
K21227—Metal cabinet 17x7x7 1/2". EACH. **\$2.91**
 Tubes listed on pages 33-35. Power amplifier and modulator kits also available. Prices and details on request.

GUTHMAN U-50 11-Tube "Super"



Highly efficient communications type receiver that covers from 490 to 61,000 kc. in six bands. Each band calibrated on the laboratory type dial which has gun-sight indicator that magnifies figures 2 1/2 times. Excellent image rejection, selectivity and signal to noise ratio. Three gang tuning condenser. Eleven tube circuit uses: 7A7, 6J5, 6SF5, 6K8, VR-105, 6B8, 2-6SK7's, 2-7C5's and 1-80. Controls include: S-meter, silencer, tone and "on-off", phone jack, send-receive, antenna, trimmer, vernier dial tuning, AVC, on-off, gain, b.o. switch, selectivity, beat pitch. Speaker terminals on rear of chassis. For operation on 110 volts, 50/60 cycles a.c.

U-50 KIT: All parts and complete wiring instructions. Less tubes, speaker and cabinet. Shpg. wt. 20 lbs.

K21228—YOUR COST **\$48.95**
K21229—Metal cabinet 17 1/2 x 9 1/2 x 10 1/2". **\$3.43**
K21230—8" Speaker in matching case. **\$9.70**
 Tubes listed on pages 33-35.

GUTHMAN U-39 Converter



Efficient 5-10 METER converter in kit form. For mobile or home use. Has steering post clamps. Connects between antenna and set. Output transformer of converter tunable to any frequency from 1500-1600 kc. Two antenna and two oscillator circuits selected by panel knob. Two gang, rigid tuning condenser. Excellent band-spread, tuning ratio 7:1. Uses 1-6K8 tube and draws only 3/10 ampere filament and 12 mc. "B" current. Cabinet 6x4x4 1/2".

K21231—Complete kit of parts, cabinet and instructions. Less tube. Wt. 6 lbs. **\$12.94**
YOUR COST
 Tube listed on pages 33-35.

NOTE: Shipowners write for complete details on Hallcrafters, Temco, Marine-Phone ship-to-share apparatus. We can supply all standard equipment at lowest net prices.



JAMES MILLEN PRODUCTS

ANOTHER FIRST BY R.W.T. - WE INTRODUCE HERE A NEW LINE OF AMATEUR COMPONENTS DESIGNED AND BUILT BY JAMES MILLEN



WORM DRIVE



Right-angle worm drive assembly (for variable condensers, etc. May be panel or base mounted. Ratio 16 to 1. Frame of cast aluminum. Employs spring-loaded split gears which eliminate back lash. Drive shaft 1/4" diam.; geared shaft 1/4" dia., couples to condenser by means of flexible coupling (not supplied). Excellent for transmitters and receivers. Shpg. wt. 2 lbs.

K8000—Type 10,000
Your Cost Each \$3.00

Drum Dial and Bezel



Small drum dial, with molded black bakelite bezel to match 2 3/4" square meters. Enhances appearance of transmitters and receivers. May be mounted in round panel hole. Drum dia., approx. 2". Type No. 10,001

K8001—Each \$1.85
K8002 Bezel only. Each .45c

Flat Dial



Flat disc type dial, with meter type escutcheon. Recommended for series condensers where rotor shaft is perpendicular to panel. Dial disc 3 3/4" dia. Ratio 10:1. Drive shaft extends behind panel for addition of lead flywheel, for inertia tuning. With knob and bezel. Less inertia wheel.

K8003—Type 10,011
Dial Only. Your Cost \$2.25
K8004—Inertia Wheel. Each 35c
K8005—Bezel Only. Each .45c

Dial Illuminator

Consists of bayonet-type socket and mtg. clip, with 6.3 V. bulb. For either drum or disc dial.

K8016—Type 10036. Your Cost 35c

Terminal Block



Steatite terminal block, with raised barriers between contacts. Size: 3 5/8 x 1 1/2". Mtg. centers - 3". 5 contacts, total. Excellent for A.C., hi-voltage, etc. Type 37105.

K8017—Each 45c

Cast Aluminum Chassis—Removable Top



Very rugged, cast frame with removable top. Permits using frame over again, since all drilling and mtg. is done on top plate. Available in 17x10x3 1/2". Shpg. wt. 7 lbs.

K8018—Type 85150. \$8.50
Your Cost

SPECIAL NOTE:
We will be able to supply any new items announced by James Millen, as soon as they become available.

New "Quartz Q" Components



Quartz Q is a highly polymerized styrene which has remarkably low RF losses and high resistance to voltage breakdown. Its excellence as a high frequency dielectric is about the same as fused quartz. Excellent for television, U.H.F. receivers, etc.



Coil Forms

Forms proper are of "Quartz Q", for ultra-low-loss. Plug-in base, with each form, is of Isolantite.

Less Jack Bar.
K8006—Type 43001. 1 1/4 x 2 1/2".
Your Cost Each .90c
K8007—Type 44001. 1 3/4 x 3 1/2".
Your Cost Each \$1.20

Standoffs

Made of Quartz Q, with fitted metal tops. May be used for ultra-low-loss coil forms.

No. Type Diam.—Lth. Each
K8008 30001 1/2 x 1 1/2" 15c
K8009 30002 1/2 x 2 1/2" 21c
K8010 30003 3/4 x 2 1/2" 55c
K8011 30004 3/4 x 4 1/2" 65c

Plugs and Jack Bars

K8012—Type 40205 Plug, as used on 43001 blank form. Your Cost Each .24c
K8013 Type 41205 Jack Bar. Each .30c
K8014 Type 40305 Plug, as used on 44001 blank form. Your Cost Each .45c
K8015—Type 41305 Jack Bar. Each .45c



1 1/2" Diam. Coil Forms



Plug-in type "Quartz Q" coil forms, for the critical amateur who wants the finest for his transmitter. Employs Isolantite wafer base, to prevent damage to form when soldering. All are standard 1 1/2" diameter forms and have shoulder at top edge.

Stock No. Mfrs. No. Prongs Each
K8019 46004 4 75c
K8020 46005 5 75c
K8021 46000 None 65c

"Quartz Q" Beads

For construction of short concentric link lines. Ideal for use between RF stages in x'mitters. Dia., 3/8". Accommodates #12 wire.

K8022—Type 38500 Package of 100 .60c

Coil Dope



2 oz. can of "Quartz Q"; for coils, RF chokes, etc.

K8023—Your Cost .30c

"Quartz Q" Sheet



For panels, condenser mtg. or insulation, etc. Drills and cuts readily. 1/10" thick.

K8024—Type 55001. Size 3x8 1/4".
Your Cost .35c

Dual Variable Condensers



New, improved dual variable condensers for modern transmitters and receivers. Isolantite insulation. Semicircular plates provide straight-line frequency tuning. Available with gear (A), for right-angle drive; or less gear (B) for end drive.



Stock No.	Mfr's. No.	Mfd. per Sec.	Air-Gap	V. Rtg.	Length	Each
K8025 (A)	11035	95	.077	3000	3 1/2"	\$5.75
K8026 (A)	11050	50	.077	3000	5 1/2"	5.95
K8027 (A)	11070	70	.077	3000	5 1/2"	6.50
K8028 (B)	13035	35	.077	3000	5 1/2"	4.35
K8029 (B)	13050	50	.077	3000	5 1/2"	4.90
K8030 (B)	13070	70	.077	3000	6 1/2"	6.50
K8031 (B)	14200	200	.077	6000	11 1/2"	10.00
K8032 (B)	14100	100	.171	6000	6 1/2"	6.00
K8033 (B)	14050	50	.171	6000	6 1/2"	6.00

Neutralizing Condensers



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. No.	Cap. Mmfd.	Voltage	Your Cost
K8034 (A)	15001	2-10	6000	\$0.75
K8035 (A)	15002	2 1/2-12	6000	.95
K8036 (B)	15005	2 1/2-12	4000	1.80
K8037 (B)	15006	3 1/2-13	6000	2.75

Shaft Couplings

Permit angle drive as high as 45°. "A" is of standard flexible design; "B" is double flexible. Isolantite insulation.

Each \$36c
K8038—(A)
K8039—(B)



Wave Traps



Practical wave traps covering the amateur bands.

K8040—14 Mc.
K8041—3.5 Mc.
K8042—7 Mc.
K8043—1.7 Mc.
Your Cost, Any One Above .75c

The "Hetrofil",—Audio Wave Trap



For communication receivers; for rejecting or suppressing interfering signal or audio beat note. When receiving 2 CW stations simultaneously, or for heterodyne beats on phone. Connects in audio circuit, or in output of receiver. Adjustable knob on unit.

Dimensions: 3x3x3". Shpg. wt. 2 lbs.
\$3.50
K8044—Type 90721. Your Cost Each

Sockets



New series of sockets using a much higher Steatite body, to provide increased insulation. Barriers separate all contacts, permitting use on higher voltages than ordinarily. Each with removable steel mtg. plate.

Stock No. Mfr's # Prongs Each
K8045 33004 4 24c
K8046 33005 5
K8047 33006 6
K8048 33007 7 L. 34c
K8049 33008 Octal. 24c

Crystal Socket



Easy-to-mount, low-loss x'tal socket. Steatite body, as above. Round bushings surround contacts, for thru-chassis mtg.

K8050—Type 33002. Your Cost Each .25c

Terminal Posts, Plate and Bracket



Low-loss construction, for Ant. and Gnd. use, etc. Illustration shows complete assembly.

K8051—Isolantite Plates. Pr. 21c
K8052—Terminal Posts. 30c
Per Pair
K8053—Bracket (one). 15c
Your Cost

Safety Terminal



Insulated bushing extends thru chassis. All metal parts encased in bakelite. Tapered plug and socket have "high area-heavy pressure" contact.

K8054—Your Cost .35c

Plate Cap



Isolantite covered plate cap, for rectifiers, transmitting tubes, etc.

K8055—Type 36001. Ea. 21c

Insulated Bushings



Steatite bushings, for feeding high-voltage thru chassis, etc. Each accommodates 6-32 screw.

K8056—3/4" Diam. Per Set 30c
K8057—1/2" Diam. Per Set 35c
Your Cost, Per Set

RF Choke

Brass pat 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 \$36c
Each

Iron-Core RF Choke



New design, for transmitters. Provides impedance peaks of over 500,000 ohms on all amateur bands. Ideal for hi-power at 14 Mc. Dim.: 1 1/4" dia., 3" high.

K8059—Your Cost Ea. \$1.75

Hash Filters

To eliminate interference caused by mercury vapor rectifier tubes. Type "A" is for 82 or 83 tubes. "B" is for 866a. They connect in each plate lead, as close to tube as possible.

K8060—"A".
Your Cost \$1.00
K8061—"B".
Your Cost, per Pr. \$1.25

Type "MC" Midget Units

Cadmium-plated soldered brass plates; Isolantite insulation; heavy aluminum ends; single-hole mounting; .0245" gap; .0225" plates; 1/4" shaft. Can be ganged; silver plated Beryllium wiper; has stop; 500-volt a.c. test; all are clockwise.

Stock No.	No. of Plates	Cap. Min.-Max.	Mmfd.	Your Cost
K8503	3	4.5-20		\$0.84
K8504*	5	5-35		.90
K8505*	7	6-50		.96
K8506*	11	6.5-80		1.20
K8507*	11	7-80		1.20
K8508*	14	7.5-100		1.35
K8509*	14	7-100		1.35
K8510*	19	8-140		1.50
K8514*	19	9-140		1.50
K8511*	27	10-200		1.65
K8512*	34	11-260		1.80
K8513*	43	13-320		2.10

Dual-Spaced Midgets

.0175" air gap; Isolantite insulation; single-hole mount; compact.

No.	Type	Mmfd.	Each
K8527	MC20MX	20	\$1.20
K8468*	MC20SX	20	1.20
K8488*	MC35MX	32	1.35
K8489*	MC50MX	50	1.65

* Split-stator. † Straight Line.

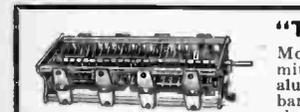
Band Spread Midgets

Tank section has capacitance of 100 mmfd. and can be set and locked. Tuning sections as noted below. Isolantite insulation. 1/4" shaft front and rear for ganging.

No.	Type	Mmfd.	Each
K8516	MC120B	18	\$1.80
K8517	MC150B	50	1.95

STAR Midget Condensers

Non-corrosive aluminum plates. Bakelite insulation. Single-hole mount, 1/4" shaft. Wiper spring contact rotor plates. Finest low priced condensers made for experimental purposes.



bearings. Type L has .025" plates with plain edges; all others have .040" rounded plates. Type "F" has .230", 7500 v. air gap; Type "G" .200", 6750 v. gap; type "H" .171", 6000 v. gap; type "J" .100", 4250 v. gap; type "K" .084", 3750 v. gap; type "L" .070", 2000 v. gap; type "M" .030". 1000 v. gap, with plain plates. These condensers are ideal for modern, up-to-date transmitters with power outputs ranging from 200 watts to 1 kilowatt.

"TC" Single Units

Stock No.	Type No.	Cap. Mmfd.	Len. In.	Your Cost
K9030	TC-220-L	220	4 1/8	\$2.70
K9034	TC-440-L	465	5 7/8	4.62
K9035	TC-90-K	95	2 1/2	2.70
K9036	TC-165-K	170	4 1/8	3.90
K9037	TC-220-K	225	4 5/8	4.80
K9038	TC-290-K	300	5 7/8	5.70
K9039	TC-330-K	340	6 1/2	6.00
K9040	TC-240-J	250	6 1/2	6.12
K9041	TC-25-H	25	2 1/8	2.10
K9042	TC-50-H	53	4 1/8	3.60
K9043	TC-110-H	115	6 1/2	5.40
K9044	TC-18-G	20	2 1/8	3.12
K9045	TC-40-G	45	4 1/8	4.20
K9046	TC-95-G	72	5 1/8	5.28
K9047	TC-100-G	110	7 1/2	6.72
K9048	TC-150-G	185	10 3/8	8.88
K9049	TC-55-F	60	5 1/8	4.80

"HF" Micro Condensers

Single Cadmium-plated, soldered brass plates; Isolantite insulation; single-hole mounting or base mounting.

No.	Mmfd.	Plates	Each
K8700	17.5	5	\$0.75
K8701	35	10	.90
K8702	50	14	.96
K8703	100	27	1.14
K8704	140	37	1.35
K8705*	30	20	1.11

"HFD" Dual Units
Specs are given per section.

No.	Mmfd.	Plates	Each
K8706	50	14	\$1.65
K8707	100	27	1.95
K8708	140	37	2.25
K8699*	16	11	1.80
K8709*	28.5	19	1.95

* Indicates double spacing.

"MCD" Split-Stator

Entire condenser built on a strong Isolantite base. Shield plate between stators. Capacities given are for each section. All are 3 3/4" deep behind panel.



No.	Type	Mmfd.	Each
K8519*	MCD140M	140	\$2.40
K8520*	MCD100M	100	2.10
K8521*	MCD60M	60	1.80

Double-Spaced Split-Stator
Have wide (.0715") spacing of plates. Other specs. as above.

No.	Type	Mmfd.	Each
K8490*	MCD85MX	31	\$2.10
K8528*	MCD35SX	31	2.10

* Midline. † Semi-Circular plates.

Stock No.	Cap. Mmfd.	Depth Inches	Your Cost
K8482	15	1 1/8	51c
K8483	25	1 1/8	51c
K8484	50	2 1/8	54c
K8485	100	1 1/2	60c
K8486	140	1 1/2	75c
K8487*	35	1 1/2	60c
K8489*	50	1 1/2	75c

* Double-spaced transmitting units.

"TC" X'mitting Condensers

Moderately priced heavy duty transmitting condensers featuring: heavy aluminum end plates; Isolantite cross bars; non-inductive Beryllium self-cleaning contacts; full floating rotor bearings. Type L has .025" plates with plain edges; all others have .040" rounded plates. Type "F" has .230", 7500 v. air gap; Type "G" .200", 6750 v. gap; type "H" .171", 6000 v. gap; type "J" .100", 4250 v. gap; type "K" .084", 3750 v. gap; type "L" .070", 2000 v. gap; type "M" .030". 1000 v. gap, with plain plates. These condensers are ideal for modern, up-to-date transmitters with power outputs ranging from 200 watts to 1 kilowatt.

"TCD" Dual Units

Split stator condensers identical with type "TC" except that stator sections are individual. Capacities shown are per section. Ideal for p.p. power amplifiers.

Stock No.	Type No.	Cap. Mmfd.	Len. In.	Your Cost
K8933	TCD-500-M	505	4 1/8	\$3.90
K8934	TCD-80-L	88	4 1/8	3.30
K8935	TCD-210-L	215	5 1/8	4.95
K8936	TCD-90-K	95	4 1/8	4.50
K8937	TCD-165-K	170	6 1/2	6.60
K8938	TCD-325-K	335	11 1/8	12.30
K8939	TCD-240-J	250	11 1/8	11.40
K8940	TCD-50-H	53	6 1/2	5.88
K8941	TCD-110-H	115	11 1/8	9.60
K8942	TCD-40-G	48	7 1/2	6.30
K8943	TCD-75-G	82	11 1/8	8.70
K8944	TCD-55-F	60	11 1/8	8.10

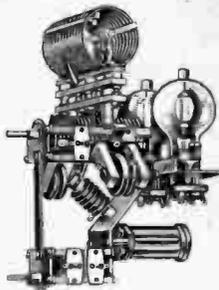
TRANSMITTER FOUNDATION Kits

"PA-300" Amplifier

For a low (809's, T-20's, 10's, etc.) or a medium power (808's, RK37's, T55's, etc.) transmitter. Plate condenser has .070" spacing permitting 2000 V. Assembled size; 13x8 1/2 x 8".

K9009—Hardware Kit including brackets, screws, washers and nuts. List \$3.25. Your Cost **\$1.95**

K9010—Complete Parts Kit including hardware kit, 1—MTC-100-B, 1—MTC-100-C, 2—N-10 condensers, 1—CH-500 choke, 2—S-4, 1—S-5 sockets, 4—SWF-5 coil forms. With instructions. Shpg. wt. 6 lbs. Your Cost **\$16.77**



"PA-500" Amplifier

Similar to the above but for power up to 500 watts and over. Tubes such as RK-38's, 100-T's, 50-T's, etc., may be used. 15 1/2 x 10 1/2 x 2" D. K8945—Hardware Kit with brackets, screws, nuts, etc. List \$4.25. Your Cost **\$2.55**

Note: Complete parts kit for PA-500 cannot be listed since condenser requirements will vary with the individual installation.

"BD-40" Buffer-Driver

Buffer-Driver-Multiplier for multi-stage transmitters or as driving unit for the PA-300 amplifier. Uses low power beam tube (807, RK-39, etc.). Output approx. 40 W. Size: 8 1/4 x 7 1/2 x 3 1/4".

K9011—Hardware Kit includes bracket, tube shield, screws, washers, nuts, etc. With instructions. List \$3.60. Your Cost **\$2.16**

K9012—Complete Parts Kit includes—hardware kit, 2—MTC-100-C condensers, 2—S-4, 1—S-5 sockets, 1—CHX choke, 8—SWF-4 coil forms and instructions. Shpg. wt. 6 lbs. Your Cost **\$8.94**

"OD-10" Oscillator-Doubler

Standard TriTet oscillator-doubler. Used as low power transmitter or with "BD-40" and "PA-300" units. Size: 8 1/4 x 7 1/2 x 3 1/4".

K9013—Hardware Kit consisting of brackets, base plate, crystal mounting, screws, nuts, etc. With instructions. List \$2.80. Your Cost **\$1.68**

K9014—Complete Parts Kit including hardware kit, 2—MTC-100C condensers, 2—S-4, 1—X-S-2 and 1—S-8 sockets, 1—CHX choke, 2—SWF-4 coil forms. Shpg. wt. 6 lbs. Your Cost **\$7.44**

"EU-4" Exciter Unit

Four band exciter covering 80, 40, 20 and 10 meter bands. Four stages using 6L6 tubes. Power output sufficient for driving small and medium power beam or pentode tubes and low power triodes. Size: 17x8x2 3/4" high.

K8946—Hardware Kit including switches, chassis, nuts, screws, etc. and instructions. List \$11.50. Your Cost **\$6.90**

K8947—Complete Parts Kit including hardware kit, 1—ETU-80, 1—ETU-40, 1—ETU-20, 1—ETU-10 tuning units, 1—XS-2 and 4—S-8 sockets, 6—CHX chokes and complete instructions. List \$40.00. Shpg. wt. 6 lbs. Your Cost **\$24.00**

"ED-4" Exciter Amplifier

Same as EU-4 but with amplifier (RK-47, 814, etc.) stage added. For driving "PA-500". Output nearly 100 watts. Size: 17x8x9 1/4".

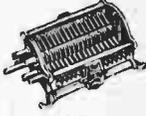
K8948—Hardware Kit including chassis, screws, etc. List \$13.50. Your Cost **\$8.10**

K8949—Complete Parts Kit—same as EU-4 plus 1—S-4 and 1—S-5 sockets, 1—MC-100-S and 1—MTC-100-B condensers, 1—CHX choke, 3—SOS-100 standoffs, 2—SOSP hardware, 4—SWF-4 coil forms and instructions. Shpg. wt. 8 lbs. List \$53.25. Your Cost **\$31.95**

"MTC" X'mitting Condensers

Low priced condensers similar in construction to the type "TC" units and especially desirable for use in high frequency and ultra-high frequency medium and low powered transmitters.

Type A has .040" round edged plates spaced .171". Type B—.025" round edged plates spaced .070". Type C—.025" standard plates spaced .031". Voltage ratings are "A"—5500 Volts; "B"—3000 Volts; "C"—1000 Volts.



"MTC" Single Units

Stock No.	Type No.	Cap. Mmfd.	Len. Ins.	Your Cost
K8710	MTC-35-A	35	4 3/8	\$3.60
K8711	MTC-20-B	20	2 5/8	1.95
K8712	MTC-35-B	35	2 5/8	2.10
K8713	MTC-50-B	50	2 3/8	2.34
K8714	MTC-100-B	100	3 3/8	3.00
K8715	MTC-150-B	150	4 3/8	3.66
K8716	MTC-50-C	50	2 5/8	1.68
K8717	MTC-100-C	100	2 5/8	1.83
K8718	MTC-150-C	150	2 5/8	1.92
K8719	MTC-250-C	260	3 3/8	2.16
K8720	MTC-350-C	365	3 3/8	2.40

"MTC" Dual Units

Split stator condensers identical with type "MTC". Capacities shown are per section.

Stock No.	Type No.	Cap. Mmfd.	Len. Ins.	Your Cost
K8721	MTC-20-B	20	3 3/8	\$3.15
K8722	MTC-35-B	35	3 3/8	3.45
K8723	MTC-50-B	50	3 3/8	3.90
K8724	MTC-100-B	100	5 3/8	5.25
K8725	MTC-50-C	50	3 3/8	2.70
K8726	MTC-100-C	100	3 3/8	3.00
K8727	MTC-150-C	150	3 3/8	3.15
K8728	MTC-250-C	265	4 3/8	3.60

"XP53" SHORT-WAVE PLUG-IN COILS



Provide maximum signal strength and greatest selectivity on all bands. Precision wound on natural, amber-colored ribbed forms. Flange grips for easy handling, and meter indexes for wavelength inscriptions. $1\frac{1}{2}$ " diameter, $2\frac{1}{2}$ " long, exclusive of prongs. Has shelf for padding condenser. Fit standard sockets.

SWK4—4-PRONG KIT

Kit of four 2-winding coils covering from 17 to 270 meters with 140 mmfd. condenser. **K9788—Your Cost... \$1.80**

Individual 4-Prong Coils

Stock No.	Meters	List	Net
K8500	10 to 20	\$1.00	60c
K8474	17 to 41	1.00	60c
K8475	33 to 75	1.00	60c
K8476	66 to 150	.75	45c
K8477	135 to 270	.75	45c
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 mmfd. condenser. **K9789—Your Cost... \$2.25**

Individual 6-Prong Coils

Stock No.	Meters	List	Net
K8501	10 to 20	\$1.25	75c
K8478	17 to 41	1.25	75c
K8479	33 to 75	1.25	75c
K8480	66 to 150	1.00	60c
K8481	135 to 270	1.00	60c
K9791	250 to 560	1.50	90c

SWF LOW-LOSS COIL FORMS

These forms are made of XP53 dielectric. Their amber color is natural. All forms are grooved and equipped with flange grips for easy handling. Meter indexes for wavelength inscription. Size $1\frac{1}{2}$ " diameter, $2\frac{1}{2}$ " long.

K9970—4-prong Ea. **21¢** | **K9972—6-prong** **24¢**
K9971—5-prong Ea. **21¢** | **Your Cost Each... 24¢**



TCF Giant Transmitter Forms

Similar to above but for large transmitting coils. Groove ribbed for air-spaced windings. Supplied with brackets for base mounting. $2\frac{1}{2}$ " winding diameter. 3" long exclusive of prongs. Fits standard 4 and 6 prong tube sockets. **K8740—4-prong. K8741—5-prong. Either Type, Each... 42¢**

28-56 MC. Coil Form

Designed for maximum efficiency on ultra high frequencies within 28 to 56 megacycle band. Made of Isolantite, equipped with 5 prongs for standard socket; $1\frac{1}{2}$ " diam., 2" long. **K10055—CF6M** **Your Cost... 60¢**



Isolantite Coil Forms

Equipped with a black enameled grip handle. Size $1\frac{1}{2}$ " diameter, $2\frac{1}{2}$ " high, form only. Ample holes are provided for taps, etc. **K10056—4-prong form**
K10057—5-prong form
K10058—6-prong form
 Type CF **Your Cost, Ea. 75¢**



Air-Padding Condensers

Isolantite base; soldered brass plates; 0.15" air-gap; only $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ " high. Screw-driver adjustment; maintain constant capacity under all climatic conditions. Type APC.

Stock No.	Cap. Min.—Max.	Your Cost
K8623	3 25	\$0.78
K8624	3.9 50	.90
K8625	4.5 75	1.02
K8626	5.5 100	1.14
K8743	6.5 140	1.35



Type "MEX" Trimmer

Mica dielectric on Isolantite base. Size, $\frac{1}{2}$ " x $\frac{1}{2}$ ". Has capacitance of 3 to 30 mmfd. **K9747—MEX-30** **Your Cost Each... 18¢**



Mica Trimmers

Mica dielectric; Bakelite base; phosphor bronze plates; size of base $1\frac{1}{2}$ " by $1\frac{1}{2}$ ". May be attached directly to binding post of socket, etc. **K9748—G to 35 mmfd. EC-35.** **Your Cost Each... 18¢**
K9749—25 to 80 mmfd. **Your Cost Each... 24¢**



Stock No.	Cap. Min.—Max.	Your Cost
K9952	10 70	30c
K9953	70 140	36c
K9954	140 220	42c
K9955	600 1000	60c

ISOLANTITE TUBE AND COIL SOCKETS

Ideal low loss sockets for improved high frequency reception. Constant resistivity and contact eliminate noise. Glazed top and sides, "Ceresin" treated underneath. Circular tube "guide groove". Subpanel or base mounting. $2\frac{1}{2}$ " long x $1\frac{1}{2}$ " wide. $1\frac{1}{2}$ " mtg. centers.

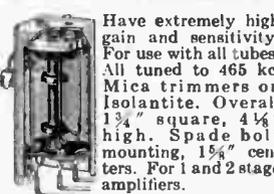
No.	Prongs	No.	Prongs	No.	Prongs	Each
K8496	4	K8498	6	K8530	7 S	36¢
K8497	5	K8499	7 L			
K8532—8-prong octal. Your Cost Each... 45c						

New Crystal Socket
 Isolantite. For flush mounting in XP-53 form, or on standoffs. $1\frac{1}{2}$ " dia. **K8472—Each... 30¢**

Isolantite Acorn Socket
 $1\frac{1}{2}$ " in dia. **K8473—Each... 90¢**



Iron Core Transformers



Have extremely high gain and sensitivity. For use with all tubes. All tuned to 465 kc. Mica trimmers on Isolantite. Overall $1\frac{1}{2}$ " square, $4\frac{1}{2}$ " high. Spade bolt mounting, $1\frac{1}{2}$ " centers. For 1 and 2 stage amplifiers. **K8729—Single stage input. ICT-1**
K8730—Single stage output. ICT-2
K8731—Two stage input. ICT-3
K8732—2 stage interstage. ICT-4
K8733—2 stage output. ICT-5
Your Cost, Any Type... \$1.80

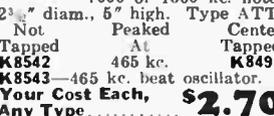
Variable Coupling I.F. Air-Tuned Transformer

Continuously variable coupling for maximum fidelity or selectivity. 3-pie Litz windings on Isolantite. Air-type tuning condensers mounted on side of can. Can 2" square, 5" high. **K8537—For 465 kc. Type VT. K8535—For 175 kc. Your Cost Each... \$3.30**
K8536—Type VTC panel control unit for up to 4 i.f.'s. Your Cost Each... \$1.50



Litz-Wound Air-Tuned I.F. Transformers

These units will retain their original settings to within 1/10 of 1%. Coils are Litz-wound, condensers of air-dielectric type. Exceptional "Q" of 115 with gain of 200 per stage. Beat oscillator has lever to obtain 1000 or 1500 kc. note. $2\frac{1}{2}$ " diam., 6" high. Type ATT. **Not Tapped** **Peaked At** **Center Tapped**
K8542—465 kc. K8495
K8543—465 kc. beat oscillator. Your Cost Each, Any Type... \$2.70



Type "T" I.F. Units

Lattice wound coils impregnated against moisture. 465 kc. units are Litz-wound. Condensers are highest grade mica type on Isolantite base and are adjustable from the top. Shield is $2\frac{1}{2}$ " dia., $3\frac{1}{2}$ " high. Threaded lugs for mounting on 2" centers. With screen-grid caps. **Not Tapped** **Peaked At** **Center Tapped**
K8539—175 kc. K8466
K8540—465 kc. K8676
K8541—465 beat oscillator. Your Cost Each, Any Type... 99¢



Exciter Tuning Unit

Ideal tuning units for constructing high frequency i.f. transformers for U.H.F. superheterodyne and for use in exciter units. Has two 25 mmfd. condensers on Isolantite base. Coil form $\frac{1}{2}$ " diam., 2" long. In shield can $2\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ ". **K8533—Your Cost... \$2.40**



Type "ST" Midget I.F.s

Similar to above, but $2\frac{3}{4}$ " by $1\frac{1}{2}$ ", $1\frac{1}{2}$ " centers. 262 kc. type for auto radios. **Not Tapped** **Peaked At** **Center Tapped**
K8734—175 kc. K8737
K8735—465 kc. K8738
K8736—262 kc. K8739—465 kc. beat oscillator. Your Cost Each, Any Type... 99¢

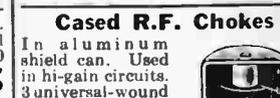
Heavy-Duty R.F. Choke

For hi-power grids working in the 20, 40, 80 and 160-meter bands. Six pies on Isolantite core carry 500 ma., continuous. Inductance 2.5 mh., d.c. resistance 8 ohms. For parallel feed. Effective from 1500 to 30,000 kc. Type CH-500. **K8522—Your Cost... \$1.05**



Midget R.F. Choke

5 universal-wound pies on Isolantite core $1\frac{1}{2}$ " long, $\frac{1}{2}$ " in diameter. Inductance 2.1 mh., d.c. resistance 36 ohms, rated at 125 ma. **K10002—Type CH-X** **Your Cost Each... 36¢**



Cased R.F. Chokes
 In aluminum shield can. Used in hi-gain circuits. 3 universal-wound pies. Inductance 10 millih., d.c. resistance 65 ohms; rates at 100 ma. **K8523—Type CH108** **Your Cost... 60¢**

Bakelite-Cased Chokes
 Type RFC85—Passes 60 ma. 85 millih., 215 ohms. **K8525—Your Cost... \$1.20**
 Type RFC250—250 millih., at 60 ma., 420 ohms. **K8526—Your Cost... \$1.35**

Short Wave Manual
 Constructional data on short and ultra-short wave receivers, power supplies, xmitters, preselectors, converters. Photos and diagrams. 32 pages. Latest edition. **K20023—Your Cost Each 10¢**

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 $\frac{1}{2}$ ". Type CH-8. **K8524—Your Cost... 66¢**



Power Tube Shield
 Designed for use with xmitting pentodes, tetrodes, and 807, RK-39, 804, RK-20 and similar tubes which require an external shield for best results. Constructed of heavy aluminum. **K8534—Type PTS** **Your Cost... 24¢**

Stock No.	Cap. Range	Air Gap Range	Depth	Each
K8573	2.1-10 mmfd.	$\frac{1}{16}$ " - $\frac{11}{16}$ "	$1\frac{1}{2}$ "	\$1.80
K8574	3.2-14 mmfd.	$\frac{3}{8}$ " - $2\frac{1}{8}$ "	$3\frac{1}{2}$ "	3.60
K8575	3.8-14 mmfd.	$\frac{3}{8}$ " - $2\frac{1}{2}$ "	4"	3.90

Neutralizing Condensers
 A new type high voltage horizontal adjusting neutralizing condenser. Thick, polished aluminum plates with rounded edges. Oversized fine thread screw provides micrometer control. Lock nut for permanent setting. Isolantite insulation. Two-hole base mounting.



NATIONAL Amateur EQUIPMENT

CIR Isolantite Sockets

Isolantite body in metal ring can be rotated and locked. All but octal mount on ceramic stand-off (furnished). Two metal pillars with octal type.

No.	Prongs	No.	Prongs
K14534	4	K14537	7 small
K14535	5	K14538	7 large
K14536	6	K14539	8 octal

Your Cost Each, **24¢**
Any Type



Isolantite Sockets

These Isolantite sockets reduce losses to a minimum. Suitable for either standard sub-panel or base board mounting.

Stock No.	No. Prongs	Stock No.	No. Prongs
K14425	4	K14439	7 small
K14426	5	K14440	7 large
K14427	6	K14477	8 octal

Your Cost Each **36¢**



Shell Type Sockets



Type XM-50. For 50-watt tubes. Has plated metal sheet with guide slot for tube pin. Glazed ceramic base. Marked binding post terminals on side. Shpg. wt. 1 lb.
K14524—Your Cost Each **\$1.05**
Type XM10; for all UX-base tubes.
K14566—Your Cost Each **75¢**

Type JX-100S 803 Sockets

A wafer type Isolantite socket for power pentodes as RK228, 803, etc.
K14522—Your Cost Each **\$2.16**
Type JX-100; similar to above, but less stand-off insulators.
K14523—Your Cost Each **\$1.80**



Pentode Acorn Socket

Type XMA. On square copper base with built in by-pass condensers.
List \$2.00
K14506—Your Cost Each **\$1.20**



Low Freq. Oscillator

Two inductances, closely coupled, in shield. Used for the interruption frequency oscillator. Secondary 6.25 mh. Tunes to 100 kc. with .00041 mfd. Type OSR.
K14600—Your Cost **90¢**



Triode Acorn Socket

Type XCA. Of Isolantite.
K14505—Your Cost **90¢**

Screen Grid Coupler

Type S-101

Used to couple the output of a screen grid tube to an audio amplifier tube. Contains a 700 Henry choke, a .01 mfd. condenser and a 1/2 megohm

leak. Wt. 3 lbs.
K14509—Your Cost **\$3.60**



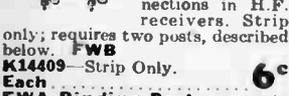
R100, 100U, 300 Choke

R100. For receivers and low-power transmitters. Four sections on Isolantite. With long wire leads. Induct., 2 1/2 mh. d.c. resist., 50 ohms, rating, 125 ma., distributed cap., 1 mmfd.
K14429—List 60¢
Each **36¢**
R100U—Same specifications as above, but for chassis m'tg. like stand-off insulator.
K14421—Your Cost **36¢**
R300—Like R100, but 1 mh. induct., 10 ohms D.C.; 300 ma.; 1 mmfd. dist. cap.
K14422—Your Cost **36¢**



Victron Terminal Strip & Posts

For antenna connections in H.F. receivers. Strip only; requires two posts, described below. FWB
K14409—Strip Only. **6¢**
FWA Binding Posts, accepts banana plug at top and wire thru hole. Positive clamp action.
K14410—Each **15¢**



High-Power R.F. Choke

Isolantite core, 10,000-volt insulation. 0.6 ampere rating, 4 mh., 10-ohms d.c., distributed cap. 1 mmfd. Type R-152 for 160-m. **\$1.35**
K14399—R-152. Each **\$1.35**
UNIVERSAL R.F. CHOKE
For 20, 40 and 80-meters. 0.6 amps.; induct. 1 mh.; resistance 6 ohms. Type R154U and R154 are alike electrically, except 154U has no stand-off, only 2 leg m'tg.
K14326—R154U **\$1.05**
Each
K14394—Type R154. Each **\$1.35**



Victron Bushing

Through Point Bushing or stand-off. For H.F. use. With .093" conductor, which is removable.
K14411—Each **4¢**
Steatite Bushing
For H.F. application. Ideal for mounting condensers, through chassis wiring insulator, etc. Dim.: 3/8"x3/8" dia. Hole is 1/8". Glazed on one side.
K14415—Each **9¢**



Buffer Coil Forms



Type XR-13 is 1 1/4"x3 1/2"; type XR-13A is 1x3 1/2". Both types drilled for leads and both fit PB-5 plug. Isolantite. Shpg. wt. 2 lbs. K14571—UR-13 complete buffer coil assembly. **\$1.50**
Your Cost
K14572—XR-13 coil form **66¢**
Your Cost
K14569—XR-13A coil form **36¢**
Your Cost
K14573—Plug only. PB-5 **36¢**
K14574—Base only. XB-5 **45¢**
Your Cost Each, Either Type

Stand-Off Insulators Isolantite

Mounted top and bottom. Ideal for r.f. choke cores. Shaped for maximum efficiency.

Stock No.	Type	Size	In. Dia.	In. Ht.	Your Cost
K14479	GS-1	1/2"x1 1/2"	1/2"	1 1/2"	15¢
K14480	GS-2	3/4"x2 1/2"	3/4"	2 1/2"	21¢
K14481	GS-3	1"x2 7/8"	1"	2 7/8"	54¢
K14482	GS-4	1 1/4"x4 7/8"	1 1/4"	4 7/8"	66¢
K14475	GS-4A	1 1/4"x6"	1 1/4"	6"	96¢

Stand-Off Insulators Steatite

Small unit is tapped 8/32 at each end, larger 10/32. Make attractive and efficient jobs.

Stock No.	Type	Height	Each
K14493	GS-10	3"	41¢
K14483	GS-5	1 1/2"	15¢
K14484	GS-6	2"	27¢
K14485	GS-7	3"	45¢

Ceramic Coil Forms

Consists of the XR-10A coil form (for 20 and 40 meters), the new Isolantite plug-in base and socket. Plug has five prongs. The socket clamps on tie-bar of TMA condensers.
K14347—XR-10A coil form only. 26 turns. 2 1/2"x5". **90¢**
Your Cost
K14610—PB-15. Plug-in base only. Your Cost Each **81¢**
K14611—XB-15. Socket only. **\$1.05**
Your Cost
K14612—XR14A. Coil form only. (80 meter). 5x5". **\$2.10**
Your Cost



Grid Clips Easily removed. Tinned grid end for soldering. 1 1/8" long.
K14434—Your Cost Each **3¢**
As above, for metal tubes. **3¢**
K14565—Your Cost
Same as above, but for larger tubes as 866; also fits 1/2" tubing.
K14441—Your Cost Each **6¢**

New Grid Grip Completely insulated grid clip for 866's transmitting tubes, etc. Molded of R-39, low-loss material.
K14597—Your Cost **21¢**

Exciter Coils and Forms



Unglazed Isolantite form drilled for leads (at left).
K14613—XR-16 coil form **36¢**
K14614—PB-16 plug **24¢**
K14615—XB-16 socket **30¢**

AIR SPACED COILS
Victron insulated. Tune with 30 mmfd. Fit XB-16 socket (right).
End Link Band Center Link
No. Meters
K14583 80 K14587
K14584 40 K14588
K14585 20 K14589
K14586 10 K14590
Your Cost Each, Any Above Type **90¢**

Stand-Off Insulators Steatite

Stands 1 1/2" high, mounting centers 1 1/4". GS-8 has bolt-nut hardware; GS-9 is equipped with a standard jack. These units are used for mounting apparatus such as coils, condensers, sockets, etc.
K14486—GS-8 **21¢**
Your Cost Each
K14487—GS-9 **30¢**
Your Cost Each

High-Frequency Bushings Steatite

Each pair includes hardware. XS3 and 4 are hemispherical in shape.

Stock No.	Type	Height	Pair
K14488	XS-1	1 1/8"	\$0.45
K14489	XS-2	1 1/8"	.54
K14490	XS-3	2 1/8"	3.00
K14491	XS-4	2 1/8"	3.90

XR Ultra-41-Freq. Coil Forms

Made of R-39. Excellent power factor. Machinable, permitting drilling and grooving. Excellent for high frequency circuits.
XR-2. No prongs. 1x1 1/2". **21¢**
K14448—Each
XR-1. 4 prongs. 1x1 1/2". **30¢**
K14424—Each
K14418—XR-4. 4-pr. 1 1/2"x2 1/4"
K14419—XR-5. 5-pr. 1 1/2"x2 1/4"
K14420—XR-6. 6-pr. 1 1/2"x2 1/4"
Your Cost, Any Above Type **45¢**



Feeder Spreader Steatite. Conventional in design, unusual in efficiency. 6 1/2" long, 1/2" diameter. Will give 600-ohm surge impedance with No. 12 wire. Type AA-3.
K14498—List 30¢
Your Cost Each **18¢**

ANTENNA INSULATOR

Steatite. 4 1/2" long, 1/2" diameter. Ample strength. Type AA-6.
K14499—List 35¢
Your Cost Each **21¢**

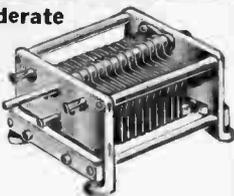




NATIONAL *Amateur* EQUIPMENT

"TMC" Moderate Power Units

For use with RK18, RK20, 800, 830, 203A, 210, etc. Air gap is .077"; buffed plate edges; aluminum plates and heavy aluminum frame; Isolantite insulation; 3-hole panel mounting with bolts and spacers; flanged legs for base mounting; $\frac{1}{2}$ " shafts, $1\frac{1}{2}$ " long; overall size: $3\frac{1}{2}$ " wide, $2\frac{3}{8}$ " high (except TCN). Have double spring type rotor wiping contacts. **Letter D after type denotes split stator.**



* For neutralizing 203A, 852, 204A, etc.

"TMA" Heavy Duty Units

Plates of heavy aluminum with buffed rounded edges. Isolantite insulation; 4-hole bolt-spacer panel mtg.; $\frac{1}{4}$ " shafts $1\frac{1}{2}$ " long; flanged legs; $4\frac{3}{8}$ " wide, $3\frac{1}{2}$ " high; type A (last letter) have .171" gap; type B, .265"; type C, .359"; all others, .077". Double spring wiper rotor contacts bolted to frame.



Stock No.	Nat'l. & Cap. Mfd.	No. Plates	Peak Volts	Your Cost
K14369	TMA-100B	23	9000	\$8.10
K14328	TMA-50A	8	6000	3.90
K14329	TMA-100A	17	6000	6.00
K14330	TMA-150A	23	6000	7.20
K14332	TMA-50DA*	9-9	6000	6.60
K14333	TMA-100DA*	15-15	6000	10.50
K14544	TMA-150B	35	9000	10.20
K14545	TMA-60DB*	15-15	9000	11.10
K14546	TMA-50C	13	12000	4.80
K14548	TMA-40DC*	11-11	12000	8.10

* Split stator units.

Midget Receiving Condensers

"ST" types have 180° straight-line-frequency plates; "SE" types have 270° straight-line wave length plates. Isolantite insulation, single hole mounting. $\frac{1}{4}$ " shafts.

Stock No.	Nat'l. No.	Cap. Mmfd.	No. of Plates	Your Cost
K14300	STHS15	15	3	\$0.84
K14299	ST35	35	7	.90
K14291	ST50	50	11	1.08
K14293	ST100	100	20	1.35
K14295	ST140	140	28	1.56
K14294	ST150	150	29	1.50
K14296	STH250	250	32	1.80
K14303	STD-50	50-50	11-11	2.10
K14280	SE-50	50	11	1.80
K14282	SE-100	100	20	2.10
K14287	SEH335	335	43	2.55
K14476	STN*	18	7	1.20

* For neutralizing tubes like 10, 45, 47, etc.; 3000 volts peak.

"NC" NEUTRALIZING CONDENSERS

Type NC-600 (A) is suitable for 6L6's and similar beam tubes. Range from $\frac{1}{2}$ to 5 mmf. Pigtail wire leads. List 45c.

Stock No.	Nat'l. No.	Cap. Mmfd.	No. of Plates	Your Cost
K14252	NC-800	800	150	\$1.80
K14259	NC-800	800	150	\$1.80
K14253	NC-150	150	75T, 150T, 300T, 852, etc. (B)	\$3.90
K14260	NC-500	500	For WE215A	\$7.50

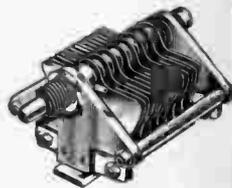
Experimenters' Midget Condensers

A low-priced unit for receivers, transmitters and experimental work. Non corrosive brass plates. Bakelite insulation. $\frac{1}{4}$ " shafts.

No.	Mmfd.	Plates	Spacing	List	Each
K14327	15	5	.045	\$0.85	51c
K14344*	25	7	.045	.85	51c
K14392*	35	10	.045	1.00	60c
K14342	50	6	.017	.90	54c
K14322	100	12	.017	1.00	60c
K14343	140	15	.017	1.25	75c

"TMS" Low Power Units

Aluminum plates; heavy aluminum frames; Isolantite insulation; $\frac{1}{4}$ " shafts, $1\frac{1}{2}$ " long; both 2-hole panel mounting and 2-hole base mounting; adjustable rear bearing; TMS units have .026" air gap, TMSA units, .065"; all screws have lock-washers; overall dimensions: $1\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ " Compact and rigid enough for portable, mobile and aircraft installations. Shpg. wt., each, 3 lbs.



Stock No.	Nat'l. No. & Cap. Mmfd.	No. of Plates	Peak Volts	Your Cost
K14550	TMS-100	10	1000	\$1.50
K14551	TMS-150	14	1000	1.65
K14552	TMS-250	23	1000	1.80
K14553	TMS-50D*	5-5	1000	2.25
K14554	TMS-100D*	9-9	1000	2.70
K14549	TMS-300	27	1000	2.16
K14555	TMSA-35	8	2000	1.80
K14556	TMSA-50	11	2000	1.95

* Split stator models.

Interlocking Push Switches

R-39 insulation. Silver-plated contacts are d.p.d.t. ACS-4—4-gang, with trigger bar. **K14304—\$3.00 Each** ACS-1—Single section, less trigger bar. **K14305—Each 75c**



Flexible Shaft Coupling

Isolantite insulation with a short length of flexible shafting. Will drive shaft at any angle up to 90°. Take $\frac{1}{4}$ " shafts.

K14530	TX-12. 4 $\frac{1}{2}$ "	75c
K14529	TX-13. 7 $\frac{1}{2}$ "	90c
K14531	TX-11. 4 $\frac{3}{8}$ "	36c

"913" 1" Oscilloscope

Employs the 913 type tube having a 1-in. screen. Power supply, 60 cycle sweep built in. Metal case. Is $4\frac{1}{2} \times 6\frac{1}{2} \times 8$ ". Wt. 15 lbs. Furnished less tubes (913, 6X5). List \$18.50. **K21534—CRM \$11.10**



"O" Dial Drive & Vernier

Designed especially for "O" dial. With panel bushing and lock nut, $\frac{3}{16}$ " dia. x $\frac{3}{8}$ " long. Black Bakelite knob. **K14374—Your Cost 36c**



High Voltage Couplings

Isolantite insulated. For $\frac{1}{4}$ " shafts. Leakage path $\frac{3}{8}$ " less than overall length. **K14501—TX-1. 1 $\frac{1}{2}$ " Each 60c** **K14502—TX-2. 3 $\frac{1}{4}$ " Each. 66c**

Type "N" Precision Dial

Engine divided scale and vernier of solid German silver. Reads to 1/10 of a division. Planetary drive ratio 5:1. Diam. 4". Bakelite knob part of dial assembly.

K14363	Scale 0-100, 180°. Counter-clockwise.	
K14364	Clockwise 100-0, 180°.	
K14365	Clockwise 150-0, 270°.	
K14366	200-0, 360°. Clockwise.	

Your Cost Each \$4.05

Type "O" 3 $\frac{1}{2}$ " Dial

Circular grained in German silver. Counter-clockwise, 0-100, 180°. 2 $\frac{3}{8}$ ". Bakelite knob. For $\frac{1}{4}$ " shafts. List \$1.50

K14567	Each	90c
K14564	HRO Knob Only	51c



Shaft Couplings

Isolantite insulation. Takes $\frac{1}{4}$ " shafts. **K8470 TX-9 Your Cost 66c** As above, but with canvas Bakelite insulation. **TX-10 K8471—Your Cost 33c**

Type "B" Vernier Dial

Ratio variable from 6:1 to 20:1. Black Bakelite shell, 4" diam. **K14367—Clockwise, 200-0 in 360°.** **K14368—Either direction, 0-100-0; 180°.**

Your Cost Each \$1.65

K14352—Dial illuminator 30c

TYPE "BM"—Similar to above but without variable ratio. 3" dia. K14371—Either direction, 0-100-0; 180°. **K14372—Clockwise, 200-0; 360° Your Cost Each \$1.50**

HRO Dial And Knob

Finished in etched nickel silver. $1\frac{1}{2}$ " diam. Takes $\frac{1}{4}$ " shafts. 0-10 in 180°. With black Bakelite knob. **K14568—Your Cost 45c**



Ultra Midget Condensers

For ultra high frequencies. On Isolantite base $1\frac{1}{2} \times \frac{1}{2}$ ". Can be mounted in shield can. Shaft extends for ganging. Type UMB25 has 2 stators on single rotor.

No.	Nat. #	Mmfd.	Each
K14336	UM-15	15	\$0.75
K14337	UM-35	35	.90
K14338	UM-50	50	.96
K14339	UM-75	75	1.02
K14319	UM-100	100	1.14
K14340	UMA25	25*	1.11
K14341	UMB25	25	1.11

* .05" air-gap; all others .017".

Precision Condensers

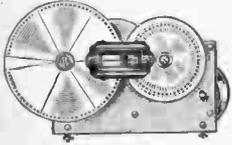
Rotors insulated from frame; plate shape is s.l.f. Steatite insulation. Pre-loaded worm gear with 20:1 ratio. Micrometer dial.

Sections	160 Mmfd.	225 Mmfd.	Stock No.	Your Cost
One	K14430	K14575		\$9.00
Two	K14431	K14576		12.00
Three	K14432	K14577		14.40
Four	K14433	K14578		16.50

PRICES SUBJECT TO CHANGE... WITHOUT NOTICE

TRANSMITTING TUBES & Accessories

CROWE Mathematic Precision Dial



For fine tuning of receivers and equipment where accurate recording is required. Ratio approx. 72:1 in 360° movement of condenser shaft. Has 2 dial scales, combined reading of which afford 600 graduations in 180° condenser rotation. Gear drive, with take-ups to prevent backlash. Has built-in flywheel. Connects to condenser shaft, through coupling. Shpg. wt. 3 lbs. **K9800—Your Cost \$3.73**

Etched Metal Dials

Polished nickel silver with black etched markings. 4" diameter. 1 1/8" mounting centers. Marked: **A m p l i f i e r**, **P l a t e**, **A m p l i f i e r**, **G r i d**, **O s c i l l a t o r**. Specify marking. **K9858—Each \$4.10**
As above, but with 2 1/4" diameter. Available marked **Neutralization** or blank. Specify. **K9857—Your Cost Each \$3.30**
As above, 2 1/4" diameter. Available marked **Gain** only. **K9903—Your Cost Each \$2.30**

Precision Vernier Dial



Chrome silver dial; large flanged knob takes 1/4" shafts. All read 0-100. Has etched graduations.

No.	Diam.	Rot.°	Each
K14236	4"	325	\$1.03
K14237	2 1/2"	325	.73
K14238	4"	180	1.03
K14239	2 1/2"	180	.73

New Vernier Dial

A new friction drive vernier dial, 2 1/4" diameter. Smooth action, no backlash. Polished nickel silver with etched black markings. For 1/4" shaft. **K14240—Less Knob \$1.03**
Your Cost \$1.03
K14241—Same, but 4" diameter. \$1.03
Your Cost \$1.03

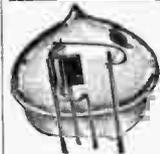
RAYTHEON Transmitting Tubes

A complete line of triodes, pentodes, beam power tetrodes and rectifiers. From "fla power" to a kilowatt the Raytheon line is complete, offering highest quality, most efficient design and long life. Hard glass bulbs, insulative insulation and the best plate material for the type assure top performance.

Type	Purpose	Net Each
RK-11	Med Mu—R.F. Amplifier	\$ 2.50
RK-12	Zero Bias Mod—R.F. Amplifier	2.50
RK-20A	R.F. Pentode—85 Watts	15.00
RK-25	R.F. Pentode—22 Watts	3.95
RK-38	U.H.F. Triode Amplifier—225 Watts	13.50
RK-39	Beam Tetrode—36 Watts	3.50
RK-47	Beam Tetrode—120 Watts	17.50
RK-48	Beam Tetrode—250 Watts	27.50
RK-49	Beam Tetrode—25 Watts	2.10
RK-51	Med—Mu R.F. Amplifier	6.95
RK-52	Zero Bias Mod—R.F. Amplifier	6.95
RK-57/805	Zero Bias Mod—R.F. Amplifier	13.50
RK-59	Twin Triode—32 Watts	4.50
RK-63	U.H.F. Triode Amp.—525 Watts	22.00
866	Mercury Vapor Rectifier	1.50



Western Electric Tubes



Type 316A—Illustrated at the left is the famous "doorknob" ultra-high frequency tube. The upper limit of this tube is 750 megacycles. Approximately 7.5 watts peak output. Maximum plate dissipation 30 watts. Plate volts 450. Filament 2 volts a.c. or d.c. **Type 316A—Your Cost \$10.50**

Type No.	Description	Each
304B	Triode. 50 watts plate diss. 7 1/2 V. Filament	\$12.50
305A	Tetrode. 60 watts plate diss. Max. Pl. Vts. 1000	38.50
300A	AF Triode. 40 watts plate diss. 5 V. Filament	10.10
306A	S.G. Pentode. 15 watts plate diss. 2.75 V. Filament	10.80
307A	S.G. Pentode. 15 watts plate diss. 5.5 V. Filament	13.65

Clips and Sockets for New Tubes

Acorn Socket—Made of genuine Mycalex, 1 1/4" square for 954 and 955 type tubes. Rugged spring contacts assure light noiseless connections. **K13171—Your Cost \$50.00**
Special grid Clip for 1851 tube. \$5.00
K13155—Your Cost \$59.00
K13156—Complete socket and mount for 922 and 921 tubes. \$59.00
Your Cost \$15.00
K13157—Cathode Clip for 922 and 921 tubes. \$15.00
K13158—Anode Clip for above. \$15.00

JOHNSON Sockets



Low-absorption porcelain material base. Heavy phosphor bronze contacts, cadmium-plated, with double filament springs. Heavy nickelled brass shells.

K14160—Standard UX base. \$50.00
Your Cost \$50.00
K14161—50 Watt base. \$73.00
Your Cost \$73.00
K14157—Giant 5-prong socket, for RCA 803, RK 28, etc. \$1.47
Your Cost \$1.47

JOHNSON Alsimag Wafer Sockets

K14155—New Alsimag low-loss material socket for 813 tube. \$73.00
Your Cost Each \$73.00
K14156—New Alsimag low-loss socket for 832 tube. \$1.03
Your Cost Each \$1.03

UX Insulex Socket

Base mounting. For standard UX tubes like the 10, 52, 866, etc. Insulex low loss insulation. **K12636—Each \$35.00**

H.V. X'mitting Littlefuses



Fuse wire blows each 1/2" of its length. Blow at 60% above rating. **1000 Volt**
No. Each Amps. No. Each
K12350 24c 1/4 K12360 41c
K12351 21c 1/4 K12361 41c
K12352 21c 1/4 K12362 38c
K12353 21c 1/4 K12363 38c
K12354 21c 1/4 K12364 38c
K12355 24c 1/4 K12365 44c
K12356 24c 1 K12366 44c
K12357 24c 1 1/2 K12367 44c
K12358 24c 2 K12368 44c

CROWE Planetary Dials

Reduced speed transmitter type dials, with stationary micrometer marker. Has smooth Crowe planetary drive concealed in knob. Ratio about 5:1 in 360°. All are calibrated 0-100, chromium plated, and fit 1/4" shaft. **K14242—2 1/4" dia. 180° calibration. \$2.44**
K14243—2 1/4" dia. 270° calibration. \$2.44
List \$4.15 Each
Your Cost, Either Above \$2.88
K14244—4" dia. 180° calibration. \$2.88
K14245—4" dia. 270° calibration. \$2.88
List \$4.90 Each
Your Cost, Either Above \$2.88



Ultra-High Frequency R. F. Choke

Excellent for ultra-high frequency receivers, transmitters, etc. Single layer winding on ceramic rod and terminated with convenient strap leads at each end. Inductance—5.7 mh.; resistance 1.4 ohms; carry 750 mils. **K10108**
Your Cost Each \$15.00

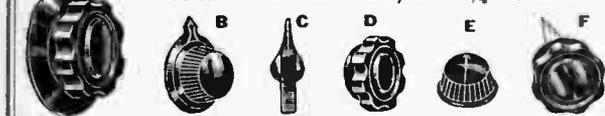
Transmitter Knobs

New process makes these black wood knobs almost impossible to distinguish from Bakelite. Each has engraved white indicator line; set screw with brass insert. **K13018—1 1/8" dia. Each \$12.00**
K13017—2 1/8" dia. Each \$16.00

Sunco Neon Tuning Wand

Measures peak currents, modulation, indicates neutralization of stage, maximum antenna output, 8 1/2" long, 1/4" D. **K11307—Your Cost \$1.50**

X'MITTER KNOBS, For 1/4" Shaft



K13022—Type A. 1 1/2" diameter, with skirt. \$23.00
Your Cost Each \$23.00
K13011—Type A. 2 1/8" diameter, with smooth skirt. \$28.00
Your Cost Each \$28.00
K13010—Type A. 3" diameter. \$35.00
Your Cost Each \$35.00
K9896—Type B. 1 1/2" diameter \$16.00
Your Cost Each \$16.00
K13014—Type D. 1 1/2" diameter. Knurled edge. \$17.00
K13013—Type D. 1 1/2" diameter. \$23.00
Your Cost Each \$23.00
K13012—Type D. 2 3/8" diameter. \$28.00
Your Cost Each \$28.00
K13055—Type C. 2 1/4" long, 3/4" skirt, 1 1/4" radius. 10 For 50c. \$6.00
Your Cost Each \$6.00
K13053—Type C. 1 1/4" long, 3/4" skirt, 5/8" radius. 10 For 35c. \$4.00
Your Cost Each \$4.00
K9885—Type E. 1 1/8" diameter. \$6.00
Your Cost Each \$6.00
K9886—Type E. 1 1/8" diameter. \$6.00
Your Cost Each \$6.00
K13007—Type F. 1 1/2" diameter. With white pointer. Each. \$23.00
K13008—Type F. 1 1/8" diameter. \$28.00
Your Cost Each \$28.00
K13009—Type F. 2 3/8" diameter. Each. \$34.00
Your Cost Each \$34.00

Etched Metal Name Plates

Rectangular aluminum plates, 1 1/2 x 3 1/4". Raised aluminum letters on black etched background. For ham transmitters, transceivers, modulators and amplifiers for public address or sound systems.

A.C. Input	Filament Voltage	Osc. Plate Current
Amplifier Grid. Cur.	Fil. 1st ON; 2nd OFF	Output
Amplifier Screen Cur.	Gain Control	Output Grd.-Gnd.
Antenna	Input	50 Ohm Output
Antenna Feeder Cur.	150 Ohm Input	125 Ohm Output
Buffer Plate Current	200 Ohm Input	200 Ohm Output
1st Buf.-Dblr. Plate	500 Ohm Input	500 Ohm Output
1st Buffer Grid	Plate	Plate
2nd Buffer Plate	Key	Plate Voltage
2nd Buffer Grid	Microphone	Plate 2nd ON; 1st OFF
2nd Buffer Plate	Modulation Indicator	Power Amp. Grid
1st Buf.-Dblr. Grid	Modulator Grid	Power Amp. Plate
2nd Buf.-Dblr. Grid	Modulator Plate	Receiver
2nd Buf.-Dblr. Plate	Monitor	Rectifier
Tritet Osc.	Neut. Condenser	Send
	Oscillator	Speaker

K9898—Be sure to specify marking desired \$6.00
Your Cost Each \$6.00
10 Plates (Any selection) for \$55c

AMATEUR TRANSMITTING TUBES

Taylor Tubes

The amateurs favorite line of tubes. Noted for the fact that they give "More Watts Per Dollar". They are carefully engineered and are built of the finest materials to give long and satisfactory service. They are conservatively rated and fully dependable. Despite their advanced engineering and their unquestionable quality, however, they are exceptionally low in price—a real advantage to the amateur who must watch his pennies—yet insists on quality.

Type T-40—This tube, together with its companion tube listed below, has become one of the most popular in the amateur field. Plate dissipation—40 watts. Very easy to drive. Good up to 60 MC. It is a general purpose triode with a carbon anode. **Your Cost**... \$3.50

Type TZ-40—Similar to the above but a zero bias tube good for RF and Class "B" AF circuits. **Your Cost**... \$3.50

Type T-20—A smaller version of the above types. Maximum plate dissipation—20 watts. **Your Cost**... \$2.25

Type TZ-20—Similar to the T-20 but zero bias type. Good for RF and Class "B" AF circuits. **Your Cost**... \$2.25

Type T-55—A new improved model now available. 55 watts plate dissipation. **Your Cost**... \$6.00

Type T-21—A 21 watts plate dissipation beam tube. **Your Cost** \$1.95

Type T-125—Top plate and side grid caps. 125 watts plate dissipation. With accelerating fins. **Your Cost**... \$13.50

Type T-200—Similar to the above but 200 watts dissipation. Extra large carbon anode (2 1/2 x 1 3/8"). **Your Cost**... \$21.50

Type 203-Z—Zero bias tube for Class "B" Audio (300 watts). Metal plate. May also be used for RF. **Your Cost**... \$8.00

Type 822—Excellent Class "B" Audio tube. Carbon plate. Maximum dissipation 200 watts. Audio output 700 watts (PP). Very easy to drive and highly efficient. **Your Cost**... \$18.50

Type 866—New shielded type Mercury vapor rectifier. **Each**... \$1.50

Type 866 Jr.—Similar but for lighter duty. **Your Cost**... \$1.00

Type 249-B—New M.V. half wave rectifier for heavier duty. Ideal for 1 KW transmitters. **Your Cost**... \$5.00

TW-150 Brand new "Thin Wall" 150 Watter. Guaranteed to withstand temporary overloads of up to 800%! Very easy to drive—a single TZ-20 will do it. **Your Cost**... \$15.00

Heinz-Kaufman GAMMATRONS

Type 24—Plate dissipation 25 watts. Max. plate volts 1500; Fil. V. 6.3; Power output 87.5 watts,—25 watts at 1 meter. **Your Cost**... \$3.50

Type 54—Plate dissipation 55 watts. Max. plate volts 2000; Fil. V. 5; Max. power output 210 watts. Max. frequency at full ratings 100 MC. **Your Cost**... \$6.75

Type 254—Plate dissipation 100 watts. Max. plate volts 3000; Fil. V. 5; Max. power output 450 watts. Max. frequency at full ratings. **Your Cost**... \$12.50

Type 354C—Plate dissipation 150 watts. Max. plate volts 4000; Fil. V. 5; Max. power output 630 watts; Max. freq. 30 MC. **Your Cost**... \$24.50

HYTRON TRANSMITTING TUBES

High Frequency Bantams

A special series of laboratory-built Bantam tubes that are specially-tested for use in high frequency communication receivers, where maximum signal gain and circuit stability are needed.

6A8GTX—Pentagrid converter. Replaces metal 6A8 and glass 6A8G types. **Each**... \$1.25

6J5GTX—Medium-mutriode. Replaces 6J5 and 6J5G. **Each**... \$1.30

6J7GTX—Sharp cut-off pentode. Replaces 6J7 and 6J7G. **Each**... \$1.30

6K7GTX—Remote cut-off pentode for high frequency receivers. Replaces 6K7 and 6K7G. **Each**... \$1.30

6K8GTX—Triode-hexode converter for superhets. Replaces 6K8 and 6K8G. **Each**... \$1.30

HY-25 Triode 7.5 800 75 25 \$1.45

HY-40 Triode 7.5 1000 115 40 2.75

HY-40Z Triode* 7.5 1000 115 40 2.75

HY-51A Triode 7.5 1000 175 65 3.95

HY-51B Triode 10 1000 175 65 3.95

HY-51Z Triode* 7.5 1000 175 65 3.95

HY-60 Beam 6.3 425 60 15 2.50

HY-61 Beam 6.3 600 100 25 3.00

866 MV Rectifier 2.5 2650 500 per pr. 1.50

866 Jr. MV Rectifier 2.5 1250 250 per pr. 1.05

* Zero Bias Type Tubes. † Graphite Anodes. ‡ Shielded Filament.

6L6GX Ceramic Beam Power Tube

Replaces 6L6 and 6L6G types in high frequency transmitters and in power amplifiers. Ceramic base practically eliminates break-downs and increases output capabilities. Max. plate input 500 V. 90 Ma. **Each**... \$1.25

HY-114—HY-615 U. H. F. Tubes

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

HY-615—Same as above but 6.3 V. filament. **Your Cost**... \$2.00

HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Oetal base (ceramic). Overall height 2 1/4", diameter 1 1/4". **Your Cost**... \$2.00

RCA TRANSMITTING AND TELEVISION TUBES



Radio Wire Television Co., as the largest distributor of RCA tubes carries a complete stock of transmitting and experimental types. If the type you want is not listed please write for quotation. Following are abbreviations used in tabulation below:

O = Oscillator; R = RF Power Amplifier; M = Modulator; C = Class B Modulator; B = Beam Power Amplifier; A = AF Power Amplifier; S = Screen Grid Power Amplifier; T = Triode; P = Pentode.

Type No.	Watts Diss.	Description	Net Price	Type No.	Watts Diss.	Description	Net Price
203A	100	R, O, C, T	\$10.00	837	12	R, P	\$7.50
204A	250	O, R, C, T	85.00	838	100	T, C, R, O	11.00
211	100	T, R, O, A, M	10.00	841	15	R, O, A, T	3.25
800	35	T, R, O, C	10.00	842	12	A, M, T	3.25
801	20	T, R, A, O, M	3.45	843	15	T, R, O, A	12.50
802	10	P, R	3.50	844	15	S, R	18.00
803	125	P, R	28.50	845	75	T, M, A	10.00
804	40	P, R	15.00	849	400	T, M, A, R, O	120.00
805	125	T, R, O, C	13.50	850	100	S, R	37.50
806	150	T, R, O, C	22.00	851	750	T, M, A, R, O	350.00
807	25	B	3.50	852	100	T, O, R	16.40
808	50	R, T, O, C	7.75	860	100	S, R	32.50
809	25	T, R, O, C	2.50	861	400	S, R	295.00
810	125	R, M, T	13.50	865	15	S, R	12.75
813	100	B	28.50	1602	15	T, R, A	2.75
814	50	B	17.50	1608	20	T, R, O, C	4.00
830B	60	T, C, R, O	10.00	1610	6	P, O	2.00
831	400	T, O, R	265.00	1613	10	R, P	2.75
832	15	R, B	28.75	1614	21	B	3.50
833	300	T, R, O	85.00	1619	15	B	4.75
834	50	R, O, T	12.50	1623	25	R, O, C, T	2.50
835	100	T, R, O, A, M	18.50	1624	25	B	4.75

HIGH VOLTAGE HALF WAVE RECTIFIERS

Type	Des.	Fil. Vlt.	Net	Type	Des.	Fil. Vlt.	Net
217A	Hi-Vac	10	\$20.00	866A	Merc-Vap	2.5	\$2.50
217C	Hi-Vac	10	20.00	872	Merc-Vap	5.0	9.00
836	Hi-Vac	2.5	11.50	872A	Merc-Vap	5.0	11.00
866	Merc-Vap	2.5	1.50	1616	Hi-Vac	2.5	5.75

Type	Screen	Net	CATHODE RAY TUBES	Type	Screen	Net
902	2"	\$7.50	908	3"	\$18.00	
904	5"	\$2.50	909	5"	\$9.00	
905	5"	\$4.00	910	3"	\$21.25	
3AP1/906-P1	3"	\$13.50	913	1"	\$4.00	
907	5"	\$8.75	914	9"	\$85.00	

CATHODE RAY RECTIFIERS AND GAS TRIODES

Type	Description	Net	Type	Description	Net
878	H. W. Hi-Vac Rec.	\$11.00	884	Gas Triode	\$2.00
212/879	H. W. Hi-Vac Rec.	2.00	885	Gas Triode	2.00
2V3G	H. W. Hi-Vac Rec.	3.00			

EXPERIMENTAL TELEVISION TUBES

Type	Description	Net
3AP4/906-P4	3" Kinescope Elect.-Stat. (White Phos.)	\$18.25
5AP4/1805-P4	5" Kinescope Elect.-Stat. (White Phos.)	27.50
9AP4/1804-P4	9" Kinescope Elect.-Mag. (White Phos.)	62.50
12AP4/1803-P4	12" Kinescope Elect.-Mag. (White Phos.)	75.00
5BP1/1802-P1	5" Kinescope Elect.-Stat. (Green Phos.)	24.75
5BP4/1802-P4	5" Kinescope Elect.-Stat. (White Phos.)	27.50
1899	5" Monoscope Elect.-Mag.	95.00
1851	Television Amplifier Pentode.	2.10
6AC7/1852	Television Amplifier Pentode (Single End)	2.50
6AB7/1853	Television Amplifier Pentode (Single End)	2.50
6AG7	Video Beam Power Amplifier.	2.75

PHOTOTUBES

Type	Description	Vlt.	Net	Type	Description	Vlt.	Net
868	Gas Type	90	\$3.70	922	Vacuum, Cart.	500	\$2.00
917	Vacuum Type	500	4.75	923	Gas, Hi-Sens.	90	2.60
918	Gas, Hi-Sens.	90	4.50	924	Gas, End Type	90	2.00
919	Vacuum Type	500	4.75	925	Vacuum Type	250	2.00
920	Twin, Gas	90	5.25	926	Vac. Cart. Rb. Type	600	3.00
921	Gas Cartridge	90	2.00	927	Gas Type	90	3.70

MISCELLANEOUS TYPES

Type	Description	Vlt.	Net
840	R.F. Pentode.	2.0	\$6.00
864	Amplifier (low microphonic design).	1.1	1.00
954	Detector, Amplifier Pentode (Acorn Type).	6.3	5.00
955	Amplifier, Detector, Oscillator (Acorn Type).	6.3	3.00
956	Super-Control R.F. Amplifier Pentode (Acorn)	6.3	5.00
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
1603	Voltage Regulator (Glow discharge)		.50
1609	Triple-Grid Amplifier (Low Microphonic Type)	6.3	4.75
1612	Amplifier Pentode (Low Microphonic Design)	1.1	1.60
1620	Pentagrid Amplifier (Low Microphonic Design)	6.3	3.25
1621	Triple Grid Detector, Amplifier		2.50
1622	Power Amplifier Pentode.		2.50
2050	Beam Power Amplifier.		2.75
2051	Gas Tetrode		4.50
VR-105-30	Gas Tetrode		2.50
VR-150-30	Voltage Regulator		1.25
VR-150-30	Voltage Regulator		1.25



Transmitting TRANSFORMERS



Case Dimensions

Type	Height	Width	Depth
G-1	1 7/8"	2"	1 3/4"
G-2	2 5/16"	2 3/8"	1 15/16"
G-3	2 1/2"	2 3/4"	2 1/8"
G-4	2 15/16"	3 1/8"	2 5/16"
G-5	3 5/8"	3 1/8"	4 9/16"
G-6	4 9/8"	3 3/4"	5 1/2"



G1 TO G4



G5 TO G11



Case Dimensions

Type	Height	Width	Depth
G-7	5 3/8"	4 9/16"	5 9/16"
G-8	5 3/8"	5 1/2"	5 1/2"
G-9	6 1/8"	5 5/16"	6 13/16"
G-10	6 1/8"	6 3/16"	6 11/16"
G-11	7 1/8"	6 9/16"	7 3/8"

Class A Input Transformers

Stock No.	Type	Application	Ratio	Case	Shpg. Wt.	Your Cost
K5801	S-1	1 plate* to 1 grid.	3 1/2:1	G-2	2	\$1.32
K5802	S-2	1 plate* to 2 grids.	2:1	G-2	2	1.47
K5803	S-3	1 plate* to 1 or 2 grids, compact type	{4:1 {2:1}	G-1	2	1.18
K5804	S-4	1 plate* to 2 grids, wide range response	1:1	G-3	3	2.06
K5805	S-5	Single or double button mike or line to 1 grid; hum bucking type.	16:1	G-2	2	1.76
K5806	S-6	Single or double button mike or line to 1 grid, compact type.	16:1	G-1	2	1.18
K5807	S-7	Single plate* and carbon mike to 1 or 2 grids.	{3:1 {16:1}	G-2	2	2.06

* Will match tubes like 6C5, 56, 6C6 triode, 77 triode, etc. Can be used with high mu triodes with loss in low frequencies.

Universal Output Transformers To Line and Voice Coil

All secondaries designed to match 2, 8 and 15 ohm voice coils and 500 ohm line. Average shpg. wt., each 6 lbs.

Stock No.	Type	Primary Ohms	Power Watts	Case	Your Cost
K5814	S-14	2500, 4000, 7000	10	G-2	\$1.91
K5815	S-15	4000, 5000, 10,000	12	G-2	2.06
K5816	S-16	3000, 6000-6600, 10,000	30	G-4	2.79
K5817	S-17	3300, 3800, 6000	55	G-5	3.82

Universal Output Transformers

Designed to match any modulator tubes to any RF load. Secondary will carry d.c.

Stock No.	Type	Audio Power Watts	Case	Weight Lbs.	Your Cost
K5818	S-18	12	G-3	3	\$2.06
K5819	S-19	30	G-4	4	2.79
K5820	S-20	55	G-5	5	3.82
K5821	S-21	110	G-7	11	5.88
K5822	S-22	250	G-9	18	8.25

Matching Transformers

Average shipping weight, each 4 lbs.

Stock No.	Type	Application	Pri. Ohms	Sec. Ohms	Case	Your Cost
K5811	S-11	Single 56, 6C6 triode, 6C5 or similar tube to line.	10,000	200, 500	G-2	\$1.76
K5812	S-12	Line to speaker, 15 watts.	{600, 2000, 4000}	2, 4, 8, 15	G-2	2.06

Universal Driver Transformers

Stock No.	Type	Application	Case	Wt. Lbs.	Your Cost
K5808	S-8	Single driver plate to push-pull grids.	G-3	3	\$1.62
K5809	S-9	P.P. Driver plates to grids of class B tubes up to 400 watts output.	G-3	4	2.21
K5810	S-10	P.P. 56, 6C6 triode, 6C5, or similar plates to 45's, 2A3's, or 6L6's self or fixed bias.	G-3	3	2.06
K5888	S-73	500 or 200 ohm line to all Class B grids up to 400 watts.	G-4	4	2.21

Multiple Secondary Filament Windings

Primaries tapped 105, 115 volts, 50/60 cycles a.c. All secondaries center tapped. Shpg. wt., each, 8 lbs.

Stock No.	Type	Fil. No. 1 Volts Amps.	Fil. No. 2 Volts Amps.	Fil. No. 3 Volts Amps.	Case	Your Cost
K5864	S-64	2.5 5	2.5 5	5 6	G-5	\$2.35
K5865	S-65	2.5 5	5 4	6.3 3	G-5	2.35
K5866	S-66	2.5 10	7.5 6.5		G-5	2.35
K5867	S-67	5 6	6.3 5		G-5	2.35
K5868	S-68	5 3	6.3 4	7.5 5	G-5	2.65
K5869	S-69	6.3 3	7.5 6.5		G-5	2.65
K5870	S-70	6.3 5	6.3 5		G-5	2.65
K5871	S-71	2.5 6	2.5 6	2.5 12	G-7	4.41
K5872	S-72	5 3	5 3	5 6	G-5	2.94

All 3000 volt insulation except S-71 (10,000 v) and S-72 (5000 v).

Filter, Swinging and Audio Chokes

No.	Type	Service	Hy.	Ma.	Ohms	Case	Each
K5823	*S-23	Audio	500	5	6000	G-2	\$1.32
K5824	*S-24	P.P. Choke	500 c.t.	3	4000	G-2	1.47
K5825	*S-25	Filter	30	30	900	G-2	1.18
K5826	*S-26	Filter	15	60	230	G-2	1.18
K5827	*S-27	Filter	30	75	350	G-4	1.62
K5828	*S-28	Filter	20	100	350	G-4	1.62
K5829	*S-29	Filter	10	175	95	G-4	1.62
K5830	*S-30	Swing.	5/25	175	95	G-4	1.62
K5831	†S-31	Filter	20	225	120	G-5	2.06
K5832	†S-32	Swing.	5/25	225	120	G-5	2.06
K5833	†S-33	Filter	20	300	90	G-7	2.94
K5834	†S-34	Swing.	5/25	300	90	G-7	2.94
K5835	†S-35	Filter	20	400	85	G-8	3.82
K5836	†S-36	Swing.	5/25	400	85	G-8	3.82
K5837	†S-37	Filter	20	550	60	G-9	5.29
K5838	†S-38	Swing.	5/25	550	60	G-9	5.29

* Shpg. wt. 4 lbs. † Shpg. wt. 6 lbs. ‡ Shpg. wt. 9 lbs.

Plate Transformers

Primaries for 115 v., 50/60 cycles a.c. For duplex rectifiers, the high and low voltage output of any of the units listed below can be used simultaneously. The rated d.c. current can be divided as required between both voltage outputs.

No.	Type	High Voltage	Ma.	Case	Lbs.	Each
K5844	S-44	575-525-0-525-575	500	G-9	19	\$5.59
K5845	S-45	900-750-0-750-900	200	G-8	11	3.82
K5846	S-46	1000-750-0-750-1000	300	G-9	19	5.59
K5889	S-74	1150-1000-0-1000-1150	150	G-10	19	7.06
K5847	S-47	1500-1250-1000-0-1000-1250-1500	300	G-10	25	7.06
K5848	S-48	1500-1250-1000-0-1000-1250-1500	500	G-11	32	11.46
K5849	S-49	2100-1800-1500-0-1500-1800-2100	300	G-11	29	10.58
K5850	S-50	3000-2500-0-2500-3000	300	G-11	42	12.64

Plate and Filament Transformers

All primaries for 115 volts, 50/60 cycles a.c. High volt. 490-400-0-400-490 at 175 ma.; 5 v. at 3 a. (rect.); 2.5 v. c.t. at 6 a.; 6.3 v. c.t. at 4 a. G-6. Wt. 8 lbs.

K5839	S-39	Your Cost				\$3.23
K5840	S-40	Your Cost				\$3.53
K5841	S-41	Your Cost				\$3.53
K5842	S-42	Your Cost				\$5.00
K5843	S-43	Your Cost				\$7.06

Single Secondary Filament Transformers

Primaries tapped 105, 115 volts, 50/60 cycles a.c.

No.	Type	Sec. Volts	Amps	Insul.	Case	Lbs.	Each
K5853	S-53	2.5 c.t.	10	1500 v.	G-3	3	\$1.32
K5854	S-54	5 c.t.	4	2500 v.	G-3	3	1.32
K5855	S-55	6.3 c.t.	3	1500 v.	G-3	3	1.32
K5856	S-56	7.5 c.t.	3	1500 v.	G-3	3	1.32
K5857	S-57	2.5 c.t.	10	10000 v.	G-5	5	1.76
K5858	S-58	2.5 c.t.	20	10000 v.	G-5	5	2.35
K5859	S-59	5 to 5.25 c.t.	13	5000 v.	G-5	5	2.06
K5860	S-60	5 to 5.25 c.t.	22	10000 v.	G-7	11	4.41
K5861	S-61	7.5 tapped, 6.3 c.t.	8	3000 v.	G-5	5	2.06
K5862	S-62	10 c.t.	10	5000 v.	G-5	5	2.35
K5863	S-63	14 v. c.t. tapped at 12 v. c.t., 11 v. c.t.	10	5000 v.	G-7	5	4.41

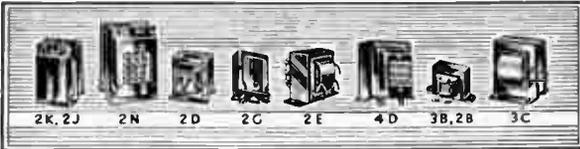


★ THORDARSON TRANSMITTING TRANSFORMERS ★



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.



Stock No.	Thord. No.	Windings Volts Amps.	Insul. Volts	Mtg. Type	Size, Inches D. W. H.	Your Cost
K517	T50F61	2.5 3.5	1600	2B	2 x 1 7/8 x 2 3/4	\$0.88
K304	T19F88	2.5 5.25	2000	3C	2 x 2 x 2 3/4	1.03
K305	T19F89	2.5 10	2000	3C	2 1/2 x 2 x 3	1.32
K306	T19F90	2.5 10	7600	3C	2 1/2 x 2 1/2 x 3 1/4	1.76
K450	T64F33*	2.5 10	7500	2N	3 3/8 x 3 1/2 x 4	2.64
K307	T19F91	5.25 4	2000	3C	2 x 2 x 2 3/4	1.32
K309	T19F92	5.25 13	2000	3C	3 1/2 x 2 1/2 x 4	1.91
K467	T74F23*	5.25 13	1600	2D	3 1/2 x 3 1/2 x 4	2.94
K468	T74F24*	5.25 21	1600	2D	3 7/8 x 3 7/8 x 4 3/8	4.12
K549	T19F80	6.3 1	1600	2B	1 1/2 x 1 3/8 x 1 1/2	.73
K550	T19F81	6.3 2	1600	2B	1 5/8 x 1 5/8 x 2	.88
K311	T19F97	6.3 3	2000	3C	2 x 2 x 2 3/4	1.03
K303	T61F85†	6.3 2.5	1600	2E	2 5/8 x 2 x 2 1/4	1.18
K373	T73F60*	6.3 5	1600	2D	3 x 2 1/2 x 3 3/4	2.20
K312	T19F98	6.3 6	2000	3C	2 1/2 x 2 3/8 x 3 1/4	1.62
K313	T19F99	6.3 10	2000	3C	3 1/2 x 2 1/2 x 4	2.06
K314	T19F93	7.5 4	2000	3C	2 1/2 x 2 1/2 x 3 1/4	1.32
K315	T19F94	7.5 8	2000	3C	3 x 2 1/2 x 3 3/4	1.76
K374	T92F20	7.5 8	1600	2D	3 5/8 x 3 1/2 x 4	2.79
K442	T64F14*	10 8	1600	2D	3 5/8 x 3 3/8 x 4	2.79

MULTIPLE SECONDARIES

K543	T19F78	2.5 10	7500	2G	3 3/8 x 3 3/8 x 4 3/8	3.09
		5 3	1600			
K466	T70F46	5 3	5000			
		5 6	5000	2N	4 x 3 3/8 x 4	4.56
		5 3	5000			
K509	T79F84	2.5 3.5				
		5 3				
		6.3 3	1600	2G	3 3/8 x 3 1/4 x 4 3/8	2.79

UNIVERSAL DRIVER TRANSFORMERS

Ideal for amplifier-modulator units. All type 4D mtg. Capacity 15 watts; maximum Pri. current per side is 60 ma. Dim.: 2 3/4" W., 3 3/8" D., 3 3/8" H. Shpg. wt. 4 1/2 lbs. each.

Stock No.	Thord No.	Ratio Primary to 1/2 Secondary	Your Cost
K627	T19D01	1:1; 1.2:1; 1.4:1; 1.6:1; 1.8:1	\$3.53
K628	T19D02	2:1; 2.2:1; 2.4:1; 2.6:1; 2.8:1	
K629	T19D03	3:1; 3.2:1; 3.4:1; 3.6:1; 3.8:1	
K630	T19D04	4:1; 4.5:1; 5:1; 5.5:1; 6:1	
K544	T19D05*	1:3.15; 1:2.75; 1:2.5; 1:2.25; 1:2; 1:1.75; 1:1.4; 1:1.25; 1:1; .85; 1: .75	

* Primary for 500 ohm line.

PLATE TRANSFORMERS

All primaries for 115 v., 50-60 cycles a.c. Specified Sec. A.C. voltage is at transformer terminals, either side of the c.t.; dual Sec. A.C. listings indicate tapped secondary. D.C. voltage output 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	660	150	2G	3 3/8 x 3 1/2 x 5	7	\$3.38
K642	*T19P55	660	250	2G	3 3/8 x 3 1/2 x 4 7/8	8	4.41
		550					
K643	†T19P56	900	225	2G	3 3/8 x 4 x 4 7/8	9	4.70
		800					
K644	†T19P57	1260	125	2G	3 3/8 x 4 1/4 x 4 7/8	9 1/2	5.88
		550	150				
K561	T19P69	1660	300	2G	4 7/8 x 6 1/2 x 6 5/8	20	7.65
		900					
K645	T19P69	1560	300	2K	5 7/8 x 7 x 7	26 1/2	9.40
		1250					
K646	T19P60	1875	300	2K	6 3/4 x 4 1/2 x 7	29	10.88
		1560					
K647	T19P61	2125	300	2K	6 3/4 x 4 1/2 x 7	31	11.76
		1875					
K648	T19P63	1660	500	2K	6 3/4 x 5 1/4 x 7	36	13.52
		1265					
K649	T19P67	2450	500	2K	6 3/4 x 4 3/4 x 10	56	24.99
		1215					

— Indicates bias tap at 25 volts. † Designed for doublerectifiers. Will deliver both ratings simultaneously.

UNIVERSAL BIAS TRANSFORMERS

Type 2N Mtg. Primaries for 115 volts, 50-60 cycles. Both types have secondaries rated at 200 ma. Voltage steps are approximate.

No.	Thord.	Sec. D.C. Voltages	W. D. H.	Lbs.	Each
K562	T19R31	10 to 100 in 5 v. steps	3 3/8 x 3 1/4 x 4"	7	\$3.23
K563	T19R32	100 to 400 in 15 v. steps	3 3/4 x 4 x 4 5/8"	11	4.26

INPUT (SWINGING) CHOKES

No.	Thord.	Henries	Ma.	Ohms	Insul.	Type	Each
K551	T19C39	5 20	150	215	3000	2F	\$1.91
K634	T19C35	5 20	200	180	3000	2D	2.35
K635	T19C36	5 20	300	105	3000	2D	3.82
K636	T19C37	5 20	400	90	4000	2J	5.88
K637	T19C38	5 20	500	75	4000	2J	8.23

SMOOTHING CHOKES

K552	T19C46	12	150	215	3000	2F	\$1.91
K638	T19C42	12	200	130	3000	2D	2.35
K639	T19C43	12	300	105	3000	2D	3.82
K640	T19C44	12	400	90	4000	2J	5.88
K641	T19C45	12	500	75	4000	2J	8.23



TRU-FIDELITY AUDIO UNITS

Laboratory precision audio transformers featuring: wide range frequency response averaging ± 1/2 db from 20 to 20,000 c.p.s.; high permeability cores; maximum shielding from external fields; low distributed capacity and low leakage reactance. Asterisk (*) indicates inductive and capacitive balance to center tap for use on balanced transmission lines.

LINE, MIXER OR MIKE TO SINGLE GRID
T-90A00—Primary 600*/333/250/200*/125/50 ohms. Max. operating level ±10 db. Max. d.c. 100 ma. per side. Secondary: 75,000/18,750 ohms.
K565—Your Cost **\$10.00**

SINGLE TUBE TO LINE OR MIXER
T90A02—Primary: 20,000/5000 ohms for 56, 76, 864, 6C6, 6J7 Triodes, etc. Max. operating level 20 db. Max. d.c. 10 ma. per side. Secondary: 500*/333/250/200*/125/50 ohms.
K567—Your Cost **\$10.29**

SINGLE PLATE TO PUSH-PULL GRIDS
T-90A04—Primary: 10,000/2500 ohms for 56, 76, 864, 6C6, 6J7, etc. (no d.c. in primary). Max. op. level 15 db. Sec. 160,000/40,000 ohms.
K569—Your Cost **\$8.82**

PUSH-PULL PLATES TO PUSH-PULL GRIDS
T-90A05—Primary: 20,000/5000 ohms for 56, 76, 864, 6C6, 6J7 triodes, etc. Max. op. level 20 db. Max. d.c. 10 ma. per side.
K570—Your Cost **\$9.70**

PUSH-PULL POWER TUBES TO VOICE COIL
T-90S08—Primary: 5000/3000/1250/750 ohms (for p.p. 2A3, etc.). Max op. level 32 db. Max. d.c. 60 ma. per side. Sec.: 1.25/13.75/5/7.5/10/15 ohms.
K573—Your Cost **\$10.29**

LINE TO VOICE COIL
T-90S12—Primary: 600*/333/250/200*/125/50 ohms. Max. operating level 30 db. Secondary: 2.5/3.75/5/7.5/10/15 ohms.
K577—Your Cost **\$8.23**

C H T "MULTI-MATCH" MODULATION TRANSFORMERS

Features plug-in terminals for input and output, complete variable matching for any tube to any plate load. Variation in primary and secondary is obtained with 8 plug-in jacks which are furnished with each transformer. K367—T11M74. 40 watts. Maximum ma. d.c. per side, primary—(series) 100; secondary—(series) 80, (parallel) 160. 4x4 1/2 x 4 3/8" high. Shpg. wt. 7 3/4 lbs. **\$5.29**



List \$9.00. Your Cost **\$5.29**
K372—T11M75. 75 watts. Maximum ma. d.c. per side, primary—(series) 145; 2 secondary—(series) 145, (parallel) 90. Dimen.: 4 1/2 x 5 x 4 3/8" high. Shpg. wt. 10 lbs. List \$12.50. Your Cost **\$7.35**

K371—T11M76. 125 watts. Maximum ma. d.c. per side, primary—(series) 210; secondary—(series) 160, (parallel) 320. Dimen.: 5 1/2 x 5 1/2 x 6" high. Shpg. wt. 28 lbs. List \$19.50. Your Cost **\$11.46**

K370—T11M77. 300 watts. Maximum ma. d.c. per side, primary—(series) 250; secondary—(series) 250, (parallel) 500. Dimension: 6 3/4 x 6 3/4 x 7 1/4" high. Shpg. wt. 50 lbs. List \$30.00. Your Cost **\$17.64**

Universal Modulation Transformers

Just the thing for Amateurs and Experimenters. The tapped coils used in this series are designed to give a wide range of applications. All use **Type 2N Mounting.**

Stock No.	Thord. No.	Cap. Watts	Pri. Ma. Per Side	Secondary Series	Ma. Par.	Wt. Lbs.	Your Cost
K542	T19M13	15	50	50	100	2	\$2.35
K631	T19M14	30	75	75	150	4 1/2	4.12
K632	T19M15	60	125	125	250	6 1/2	5.88
K633	T19M16	100	175	175	350	12 1/2	8.82

AMATEUR TRANSFORMERS & Accessories

Truest Filament Transformers



All have 115 V. 50/60 cycles a.c. primaries and 2500 V. insulation except K5512 which has 5000 V. insulation.

Stock No.	Windings	Each
K2547	10 V. CT @ 6 1/2 A. \$1.75	
K2549	2 1/2 V. CT @ 5 A. (2), 5 V. CT @ 3 A. . . . 1.75	
K2033	3 sec.; 7 1/2 V. CT @ 3 A. . . . 1.75	
K5508	2 1/2 V. CT @ 20 A. . . . 1.50	
K5509	7 1/2 V. CT @ 6 1/2 A. . . . 1.75	
K5511	6.3 V. CT @ 5 A., 5 V. CT @ 6 A. . . . 2.00	
K5512	2 1/2 V. CT @ 12 A. . . . 1.75	
K5513	5 V. CT @ 3 A. (2), 5 V. CT @ 6 A. . . . 1.75	

Special Plate Transf.

Ideal for low-power rigs such as those using 6L6's, etc. Contains tapped high-voltage secondary, —500-425-0-425-500 volts a.c. at 250 milliamperes. Also, 6.3 volts c.t. at 3 amps.; 6.3 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions 6 7/8" x 4 1/2" x 6 1/2". Shpg. wt. 14 lbs. All metal housing with louvers for cooling. Quantities Limited. \$2.95



K5474—Your Cost. . . . \$2.95

Smoothing Choke

Heavy duty smoothing and filter choke, especially designed for amateur or public address application. Fully shielded in ventilated case. Stand-off terminals with lugs. Inductance—20 henries; rated at 300 mls. D.C. Dim. 5 3/8" x 4 1/2" x 6 1/2". Shpg. wt. 10 lbs. \$2.85

K5465—Your Cost. . . . \$2.85

Special "Ham" Units By Stancor

Very popular size power transformers by Stancor at a very reasonable price. Complete instructions furnished.



Type M-1535—Primary 115 V. 50/60 cycles. Secondaries: 1200 V. CT at 200 Ma.; 7 1/2 V. CT at 3 Amps.; 5 V. CT at 3 Amps.; 2 1/2 V. CT at 10 Amps. Mtg. area—3 1/4" x 4 1/4". Shpg. wt. 13 lbs. \$2.95

Type M-1534—Pri. 115 V. 50/60 cycles. Sec.: 1200 V. CT @ 200 Ma.; 6.3 V. @ 4 A.; 6.3 V. @ 3 A.; 5 V. @ 3 A. Mtg. area—3 1/4" x 4 1/4". Shpg. wt. 15 lbs. \$2.95

K1772—Your Cost. . . . \$2.95



Aerovox 1000 V. Condensers

Compact wax-filled and impregnated units in rust-proof metal cans 2" high, 1 1/4" wide. 1000 V. Wkg.

Stock No.	Cap. Mfd.	Depth In.	Your Cost
K5046	.5	1 1/4	\$0.88
K5047	1.0	1 1/4	1.20
K5048	2.0	1 1/4	1.88
K5049	4.0	2 1/4	3.03

We can supply your needs for all types of amateur equipment at lowest net prices. Write, giving details.



AMATEUR TRANSFORMERS

Plate Transformers

No.	Type	D.C. Volts	Ma.	H x W x D	Mtg.	Each
K1777	P3699	600	200	4 5/8" x 3 1/2" x 4 1/2"	H	\$3.82
K1776	P3535	750-600-400	300	4 5/8" x 3 1/2" x 5 1/2"	H	5.85
K1778	P4030	1000-750	250	4 5/8" x 3 1/2" x 5 1/2"	D	6.76
K1783	P6152	1250-1000	300	7" x 7 1/2" x 6 1/2"	F	9.41

*After filter. All Primaries for 115 V. 50/60 cycles.

Swinging Chokes (Mtg. No. "N")

No.	Type	Hys.	Ma.	Ohms	H x W x D	Each
K1768	C1719	5-25	200	120	3 3/4" x 3 1/2" x 3 1/2"	\$2.24
K1766	C1702	8-30	250	70	3 1/2" x 2 1/2" x 3 1/2"	2.21
K1769	C1720	5-25	300	80	4 1/2" x 3 3/4" x 3 1/2"	2.94

Filter Chokes (Mtg. No. "N")

K1770	C1721	15	200	120	3 3/4" x 3 1/2" x 3 1/2"	\$2.24
K1767	C1703	15	250	60	3 1/2" x 2 1/2" x 3 1/2" <td>2.21</td>	2.21
K1771	C1722	13	300	80	4 1/2" x 3 3/4" x 3 1/2" <td>2.94</td>	2.94

Filament Transformers (Mtg. No. "B")

Stock No.	Type No.	Secondary V.	Amps.	Size H x W x D	Your Cost
K1774	P3060	2.5	10	3 1/2" x 2 1/2" x 2 1/2"	\$1.03
K1779	P5014	6.3	3	3" x 2 1/2" x 2 1/2"	.94
K1775	P3064	6.3	6	3 1/2" x 2 1/2" x 2 1/2"	1.47
K1780	P5015	7.5	4	3 1/2" x 2 1/2" x 2 1/2"	1.18
K1782	P6138	7.5	8	3 7/8" x 3 1/2" x 3 1/2"	1.76
K1781	P5016	10	4	3 1/2" x 3 1/2" x 2 1/2"	1.62
K1784	P6184	6.3, 5, 2.5	2 1/2	2 5/8" x 3 1/2" x 2 1/2"	1.18

All secondaries except P6184 C.T.—All Pri. 115 V-60 cy.

Poly-Pedance Drivers (Mtg. No. "CD")

Stock No.	Type No.	Watts Cap.	Ratios Obtainable Pri. to 1/2 Sec.	Your Cost
K1764	A4761	15	1 1/4:1, 1 1/2:1, 1.6:1, 1.8:1, 2:1, 2.2:1, 2.4:1	\$3.38
K1765	A4762	15	2.6:1, 3:1, 3.2:1, 3.4:1, 4:1, 4 1/2:1, 5:1	3.23

Both units measure 3 1/2" x 2 1/2" x 3 1/2". Wght. 3 lbs.

Poly-Pedance Modulation Trans. ("D")

Stock No.	Type No.	Watts Cap.	Max. Ma. ea. side of Pri.	Size H x W x D	Your Cost
K1760	A3891	15	45	3 1/2" x 2 1/2" x 3 1/2"	\$2.94
K1761	A3892	30	90	3 7/8" x 3 1/2" x 4 1/2"	3.82
K1762	A3893	60	125	3 7/8" x 3 1/2" x 4 1/2"	4.70
K1763	A3894	125	150	4 5/8" x 3 7/8" x 5 1/2"	6.17

SANGAMO ECONOMY MICAS

Voltagcs given arc D.C. Test Volts

Cap. Mfd.	1000 V. Each	2500 V. Each	5000 V. Each
.00005	K3600 15c	K3609 29c	K3617 35c
.0001	K3601 15c	K3610 29c	K3618 35c
.00025	K3602 15c	K3611 29c	K3619 41c
.0005	K3603 18c	K3612 29c	K3620 50c
.001	K3604 21c	K3613 35c	K3621 59c
.002	K3605 24c	K3614 47c	K3622 88c
.003	K3606 26c	K3615 59c	
.004	K3607 32c	K3616 73c	
.005	K3608 41c		
.006	K3609 42c		
.01	K3608 41c	K3624 98c	
.02	K3623 71c		

SANGAMO X'mitting Miccs

For low and high power transmitters, power supplies, power amplifiers, etc. Employ the finest ruby mica dielectric. Completely cased in molded bakelite housings with screw terminals on each end. Size: 1 1/2" long, 1/2" thick and 1 3/8" wide (varies slightly with capacitance). Impervious to moisture.



Cap. Mfd.	1000 Volts Test		2500 Volts Test		5000 Volts Test	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
.00004	K3050	24c				
.00005	K3051	24c	K3771	41c	K3085	53c
.0001	K3053	24c	K3772	41c	K3077	53c
.00015	K3054	24c	K3773	41c	K3078	59c
.00025	K3056	24c	K3775	41c	K3079	62c
.00035	K3058	24c				
.0005	K3060	24c	K3776	41c	K3076	73c
.001	K3061	29c	K3777	53c	K3082	88c
.002	K3064	29c	K3779	79c	K3081	\$1.32
.003	K3066	35c	K3780	91c	K3761	1.62
.004	K3068	35c	K3781	91c	K3762	1.85
.005	K3069	41c	K3782	\$1.03	K3763	1.94
.006	K3070	50c	K3783	1.03	K3764	2.06
.01	K3073	68c	K3784	1.65	K3765	2.41
.02	K3766	\$1.09	K3845	2.32		

OHMITE Dummy Antenna Resistor

A special 100 watt resistor, constant in resistance and impedance at high radio frequencies and built like a vacuum tube for convenient mounting. For checking RF power and tuning up transmitters. Presents low inductance-constant resistance load. 4 prong Seatite base.



K21920—73 ohms 100 Watts
K21921—600 ohms 100 Watts
Your Cost \$3.23
Either Type

OHMITE R.F. Plate Chokes



Solenoid chokes designed to cover all main radio amateur bands, to avoid fundamental or harmonic resonations in these bands. Single layer winding on ceramic tube, moisture-proofed; all 1000 ma. D.C. current rating; non-magnetic mtg. brackets; will not break down on high R.F. potentials. 5 meter choke without bracket but with pigtail.

Stock No.	Band Meters	Mic. Hys.	Dimens.	Your Cost
K10079	5	5.4	1 3/8" x 5/8"	15c
K10080	10 & 20	35	3 1/4" x 1 1/2"	44c
K10081	20 & 40	95	6 1/4" x 1 1/2"	65c
K10082	20 to 160	220	6 1/4" x 2 1/2"	88c

OHMITE 3-Point Band Switch

Features porcelain-insulation, wide spacing, silver contacts, and floating graphite contact shoe. For up to 1 kw. With knob and bracket. Shpg. wt. 2 lbs.



K12996—Your Cost. . . . \$1.76

Tap Switches

Non-shorting type. Porcelain and vitreous enamel construction. Only 2 3/8" diameter. Silver contact shoe.

Type T504-4-contacts. \$2.79
K12997—Your Cost. . . . \$2.79
Type T505-5-contacts. \$2.94
K12998—Your Cost. . . . \$2.94

OHMITE Parasitic Suppressor

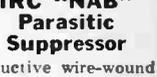
For curing u.h.f. parasitic oscillations by destroying resonance at the parasitic frequency. Consists of a 300 ohm vitreous enameled non-inductive resistor supporting a 0.3 microhenries choke having a d.c. resistance of .003 ohms. 1 3/8" x 5/8" D.



K10078
Your Cost \$88c

IRC "NAB" Parasitic Suppressor

50 ohm non-inductive wire-wound resistor used to suppress parasitics in audio driver or power amplifier tubes. 10 watt rating.



K5103—List 90c.
Your Cost \$53c

IRC Universal Bleeder Resistor

25,000 ohms tapped at 7500, 10,000, 12,500, 15,000 ohms. Rated at 18 watts attached flat to metal chassis. Insulated 1000 volts to ground.



K5104—Each \$73c

TRANSMITTING CAPACITORS



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 stand-off insulators. **Quantity limited.**

1000 Working Volts D.C.			
No.	Mfd.	H. W. D.	Each
K2735	1	3 1/2 x 2 3/4 x 1 3/4	\$0.98
K2736	2	5 x 2 3/4 x 1 1/2	1.25
1500 Working Volts D.C.			
K2737	1	5 1/2 x 3 1/2 x 1 3/4	1.25
K2738	2	5 1/2 x 4 1/2 x 2 3/4	1.69
2000 Working Volts D.C.			
K2739	1	5 1/2 x 3 x 2	1.49
K2740	2	5 1/2 x 3 3/4 x 2 1/2	2.15



Cylindrical Case Capacitors

New, hermetically sealed cylindrical design with ceramic insulators and adjustable clamp-type mtg. bracket. Uses PYRANOL insulating oil. Can be operated in any position, and at voltages up to 10% above rated value. Shpg. wt. 2 lbs. ea.

Stock No.	Cap. Mfd.	Volts D.C.	Size Ins.	Your Cost
K3725	2	600	3 1/2 x 1 1/2	\$1.92
K3726	1	1000	3 1/2 x 1 1/2	1.62
K3727	2	1000	3 1/2 x 2 1/2	2.21
K3728	4	1000	4 1/2 x 2 3/4	2.79
K3729	1	2000	4 1/2 x 3 1/2	2.65
K3730	2	2000	6 1/2 x 4 1/2	2.94

TOBE Capacitors

Processed in Micro-mil. Metal container. Terminals mounted on porcelain stand-off insulators. Metal mounting flanges. 2000 volts (d.c.) working voltage. Tested at 6000 volts d.c.



K2723	—	1.0 mfd.		\$1.67
K2724	—	2.0 mfd.		\$2.45

CORNELL-DUBILIER Transmitting Capacitors

Type "TJU" DYKANOL Oil-Filled Capacitors



New low prices together with the new universal mounting bracket make these well known and highly regarded condensers a better buy than ever. DYKANOL "A" filled and impregnated.

Porcelain high tension terminals. Hermetically sealed metal case.

Stock No.	Cap. Mfd.	Wkg. Volts	Ht. Ins.	Your Cost
K2994	1	600	2 1/2	\$2.06
K2995	2	600	2 1/2	2.49
K2996	4	600	3 3/8	3.23
K2997	1	1000	2 1/2	2.20
K2998	2	1000	4	2.97
K3004	4	1000	4 1/2	3.67
K2999	1	1500	4	2.64
K3000	2	1500	4 1/2	3.67
K3005	4	1500	4 3/8	4.99
K3001	1	2000	3 7/8	3.23
K3003	2	2000	4 1/8	3.82
K3019	1	3000	4 1/8	7.06
K3020	2	3000	4 3/8	8.82

Tru-test

1000 Volts Surge Dry Electrolytics



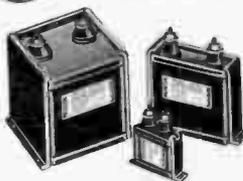
Especially designed for amateur use. Fully shielded in metal containers only 4 1/2" high by 2 1/2" wide; by 1 3/8" deep; centers 2 7/8". Have excellent powerfactor, leakage and capacitance characteristics. Readily

adaptable to all types of equipment. All 800 volts d.c. working voltage, 1000 volts peak. Ideally suited for P.A. amplifiers. Shpg. wt. each, 2 lbs.

Stock No.	Cap. Mfd.	Your Cost	5 Each for
K4192	2	50.85	\$4.00
K4193	4	.95	4.50
K4194	8	1.39	6.50



PYRANOL Transmitting Condensers



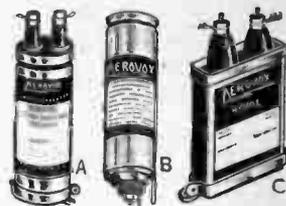
New improved models. Universal clamp type brackets. Lacquered hermetically sealed cases. Porcelain insulated terminals. These condensers will withstand temperatures as high as 75 degrees Centigrade and are designed for continuous operation at voltages 10% higher than rated values.

Stock No.	Cap. Mfd.	D.C. Wkg. Volts	Your Cost
K3768	1.0	600	\$2.06
K3769	2.0	600	2.50
K3770	4.0	600	3.23
K3753	1.0	1000	2.20
K3754	2.0	1000	2.94
K3755	4.0	1000	3.68
K3756	1.0	1500	2.65
K3757	2.0	1500	3.68
K3758	4.0	1500	5.00
K3759	1.0	2000	3.23
K3760	2.0	2000	3.82
K3654	4.0	2000	5.29

AEROVOX

Hi-Voltage Oil Filled Transmitting Condensers

Hvyl oil filled and impregnated transmitting condensers. Hermetically sealed in metal containers. Rated capacity remains constant over a wide range of temperature (minus 30 to plus 200° Fahrenheit). Type "A" and "C" (shown at right) have universal type mounting. Type "B" is screw type with lug. Types "A" and "C" are aluminum cans—Type "B" welded steel aluminum finish. Shpg. wt. 2 lbs.



Stock No.	Type	Cap. Mfd.	Size Ins.	Your Cost
600 VOLTS WORKING				
K4819	A	1.0	2 x 2 3/4	\$1.47
K4820	A	2.0	2 x 2 3/4	1.91
K4821	A	4.0	2 x 3 3/4	2.65
K4519	B	2.0	1 1/2 x 2 1/2	1.62
K4520	B	3.0	1 1/2 x 4 1/2	1.91
K4521	B	4.0	1 1/2 x 4 1/2	2.20
K4526	C	1.0	2 1/2 x 1 1/2 x 1 1/2	2.06
K4527	C	2.0	2 1/2 x 1 1/2 x 1 1/2	2.50
K4528	C	4.0	3 1/2 x 2 1/2 x 1 1/2	3.23
1500 VOLTS WORKING				
K4796	A	1.0	2 x 5 1/4	2.06
K4797	A	2.0	2 x 5 1/4	2.79
K4822	A	4.0	2 1/2 x 5 1/4	3.53
K4524	B	0.5	1 1/2 x 2 1/2	1.76
K4525	B	1.0	1 1/2 x 4 1/2	1.91
K4532	C	1.0	4 x 1 1/2 x 1 1/2	2.65
K4533	C	2.0	4 1/2 x 2 1/2 x 1 1/2	3.67
K4534	C	4.0	4 3/4 x 3 3/4 x 1 1/2	5.00
3000 VOLTS WORKING				
K4823	A	1.0	2 1/2 x 5 1/4	5.28
K4824	C	1.0	4 1/4 x 3 3/4 x 2 1/4	7.06
K4825	C	2.0	4 1/4 x 3 3/4 x 3 1/4	8.82
1000 VOLTS WORKING				
K4793	A	1.0	2 x 5 1/4	\$1.62
K4794	A	2.0	2 x 5 1/4	2.20
K4795	A	4.0	2 1/2 x 5 1/4	2.79
K4522	B	1.0	1 1/2 x 2 1/2	1.47
K4523	B	2.0	1 1/2 x 4 1/2	1.91
K4529	C	1.0	2 1/2 x 1 1/2 x 1 1/2	2.20
K4530	C	2.0	4 x 1 1/2 x 1 1/2	2.94
K4531	C	4.0	4 3/4 x 2 1/2 x 1 1/2	3.67
2000 VOLTS WORKING				
K4798	A	1.0	2 x 6 1/4	2.65
K4799	A	2.0	2 1/2 x 6 1/4	2.94
K4535	C	1.0	3 3/4 x 2 1/2 x 1 1/2	3.23
K4536	C	2.0	4 x 3 3/4 x 1 1/2	3.82
K4826	C	4.0	4 x 3 3/4 x 2 1/4	5.28
2500 VOLTS WORKING				
K4827	A	1.0	2 x 5 1/4	3.53
K4828	A	2.0	2 1/2 x 5 1/4	5.88
K4829	C	1.0	3 1/4 x 3 3/4 x 1 1/2	4.70
K4830	C	2.0	4 3/4 x 3 3/4 x 1 1/2	7.64

Rubber Terminal Covers

Live rubber; grooved to fit over high-tension terminals on H.V. condensers and other high voltage terminals. See adjacent illustration. K2749 - Per Pair.....



15¢

C-D "TLA" DYKANOL Filter Capacitors

In Sealed aluminum containers 4 1/2 x 1 1/2" (2 mfd. 600 v. is 2 7/8" high). Mount in any position. Dykanol filled and impregnated. For high voltage apparatus.



No.	Cap. Mfd.	Wkg. V.	Each
K4195	2	600	\$1.62
K4196	4	600	2.20
K4197	1	1000	1.47
K4198	2	1000	1.91
K4199	1	1500	1.91

SPRAGUE Transmitting Oil Condensers

New, oil-filled and oil impregnated transmitting condensers, with live rubber terminal insulating caps. Safeguards against shocks or dangers of high voltage. These Sprague oil condensers use SPRACOL, a new safety oil. All are in hermetically sealed metal containers, with porcelain terminal insulators equipped with double hex nuts and sturdy terminal lugs.



Stock No.	Cap. Mfd.	Wkg. Volts	Dimens. Ins.	Your Cost
K2741	2	600	1 x 1 1/2 x 2 3/4	\$2.06
K2742	2	1000	1 x 1 1/2 x 3 1/2	2.35
K2743	4	1000	1 3/8 x 2 1/2 x 4 1/4	2.94
K2750	2	2000	1 1/2 x 3 3/4 x 3 7/8	3.23
K2751	4	2000	2 1/4 x 3 3/4 x 3 7/8	5.29

MALLORY

Oil Impregnated Tubular By-Pass Units



Types OW and OT

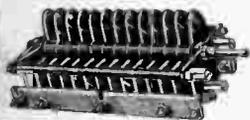
TYPE OW paper tube units are oil impregnated and filled with a special high temperature wax. Suitable for vibrators, etc. Rated 1600 volts d.c. working voltage. **TYPE OT** metal tube units are oil impregnated. Completely sealed. Externally insulated with cardboard tubes and supplied with mounting brackets. Rated 2000 volts d.c. working voltage.

TYPE OW			TYPE OT		
Stock No.	Your Cost	Cap. Mfd.	Stock No.	Your Cost	
K4060	21c	.0025	K4021	35c	
		.005	K4022	38c	
		.0075	K4023	41c	
K4062	21c	.01	K4024	44c	
K4063	21c	.015	K4026	44c	
K4064	21c	.02	K4027	47c	
K4065	21c	.03	K4028	50c	
K4066	21c	.04	K4029	50c	
K4067	26c	.05	K4030	53c	

Perfect Merchandise - Prompt Shipment - Personal Service

CARDWELL CONDENSERS

TYPE X TRANSMITTING CONDENSERS



A standard for years. Heavy aluminum rounded plates; frames and connecting rods of nicked brass; rotor bearing of ball thrust type; phosphor bronze rotor contact; nicked brass bushings; steel shaft supports the rotor plates and spacers. Insulation on all units listed is **Mycalex**. Frame measures 2 3/4" x 4". Only popular

types are listed below; write for any Cardwell condenser not listed here; we can supply any Cardwell unit.

Stock No.	Card No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inch	Depth Inches	Your Cost
K8603	XT220PS	20—220	21	.070	4	\$2.70
K8604	XT440PS	40—440	43	.070	5 1/2	4.62
K8641	XP90KS	16—90	11	.084	3	2.70
K8642	XP165KS	22—165	19	.084	4	3.90
K8627	XG50XS	14.5—50	11	.171	4	3.90

DOUBLE STATOR CONDENSERS

Capacitances and number of plates are given per section.

Stock No.	Card No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inch	Depth Inches	Your Cost
K8615	XR500PD	18—500	21	.030	4	\$3.90
K8616	XT80PD	11—80	9	.070	4	3.30
K8617	XT210PD	22—210	21	.070	5 1/2	5.22
K8618	XG50XD	14—50	11	.171	6 1/2	6.42
K8610	XG110XD	27—110	23	.171	11 1/2	10.80
K8595	XD160XD	28—160	27	.125	11 1/2	11.40
K8647	XP90KD	15—90	11	.084	4 1/2	4.50
K8648	XP165KD	23—165	19	.084	6 1/2	6.60
K8645	XC40XD	14—40	11	.200	6 3/8	6.90
K8646	XC75XD	21—75	21	.200	10 3/8	9.00

Airgap-voltage relation in above units is as follows: .070"—3000 volts; .084"—4250 volts; .100"—4800 volts; .171"—6000 volts; .200"—7000 volts. All ratings are breakdown.

Trim-Air Midgets



Sturdy midget construction. Ideal for portable gear. **Insolantite insulation.** 1/4" Solid shafts, with new, thicker locking nut; 1 1/2" wide, 1 3/4" high.



Duals and singles have solid shaft, extends 1/4" at rear for ganging. Duals have double end plates and bearings. 1 1/2 x 1 3/4". Screwdriver, slotted stub shafts, fixed and balancing types available on order.

SINGLE					DUAL				
No.	Card No.	Mmfd.	Gap	Each	No.	Card No.	Mmfd.	Gap	Each
K8652	ZR10AS	10	.031	\$0.75	K8744	ER10AD	10	.030	\$1.56
K8631	ZR15AS	15	.031	.75	K8745	ER15AD	15	.030	1.56
K8632	ZR25AS	25	.031	.84	K8746	ER25AD	25	.030	1.62
K8633	ZR35AS	35	.031	.90	K8747	ER35AD	35	.030	1.74
K8634	ZR50AS	50	.031	.96	K8748	ER50AD	50	.030	1.86
K8635	ZU75AS	75	.020	1.02	K8749	EU75AD	75	.020	1.98
K8636	ZU100AS	100	.020	1.05	K8750	EU100AD	100	.020	2.04
K8637	ZU140AS	140	.020	1.89	K8751	EU140AD	140	.020	3.60
K8630	ZT10AS	30	.070	1.11	K8752	ET30AD	30	.070	2.16
K8599	ZV67S*	5	.061	.75	K8753	ET30ADI†	30	.070	2.46
K8586	ZT10AS	11	.070	.87	K8589	ET15AD	15	.070	1.80
K8587	ZT15AS	15	.070	.93	K8590	ET15ADI†	15	.070	2.10
K8653	ZSAS†	4	.140	1.11	K8754	ES4SD	4	.140	2.16
K8588	ZS7S†	7	.140	1.26	K8755	ES4SDI†	4	.140	2.46
					K8591	ES7SDI†	7	.140	2.70

*—Eith two-segment stator for 5 meters, and extra plate.
†—Neutralizers, .040" buffed plates. †—Insolantite coupling bet. sect.

BAND SPREAD MODELS

Stock No.	Card No.	Tun.	Cap.	Tank, Cap.	D'pth. Behind Panel	Your Cost
K8592	EU-25-100AF	25	100		2 3/4"	\$1.80
K8593	EU-50-100AF	50	100		3 3/4"	1.95

K8638—Mounting bracket with screws and nuts 6c
K8640—Pair of mounting posts with screws, lockwashers 8c

BUD Dual Spaced Condensers

Rotor and stator plates of hard drawn brass soldered to the shaft. Rotor plates 1 1/2" diam. Heavy aluminum end plates with closely fitted brass bearings. **Insolantite insulation** placed outside of the electrostatic field.



No.	Mmfd.	Plates	Each
K9550	4-15	5	\$0.88
K9551	6-35	11	.91
K9552	7-50	15	1.18
K9553	8-75	23	1.53
K9554	10-100	31	1.76

Dual Units (Split Stator)

No.	Mmfd.	Plates	Each
K9555	5-35*	11*	1.76
K9556	6-20*	6*	1.76
K9565†	4-100*	14*	1.76
K9566†	7-140*	19*	2.06

*—Per section. †—Single Spaced

BUD Midget Condensers

Similar to the above, but single spacing. At real low prices.

Stock No.	Cap. Mmfd.	No. Plates	Your Cost
K9557	3-15	3	50c
K9558	3-20	3	50c
K9559	4-35	5	56c
K9560	5-50	7	62c
K9567	6-80	11	70c
K9561	6-100	14	73c
K9568	7-140	19	79c

CARDWELL Insolantite Couplings

(A) Type "E". Flexible. Aismag disc 1 1/2" in dia. Collars on spring saddles with bushings, for 1/4" and 3/8" shafts; double set screws. **K8492 Each. 90c**

(B) Type "A". Flexible. Insolantite disc, 1" in dia. Take 1/4" shafts only. Double set screws. **K8494 Each. 35c**

(C) Type "FNF". Rigid. Insolantite, 1 1/2" dia. Double set screws on collars; for 1/4" shafts. **K8491 Each. 60c**

Midway Types Single Midways



Mycalex insulation; overall mounting space, 3x2 1/2", 1/4" steel shaft, 1" long. With mounting brackets.

Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8564	50	MR50BS	.031	\$1.68
K8565	70	MR70BS	.031	1.77
K8566	105	MR105BS	.031	1.83
K8567	150	MR150BS	.031	1.89
K8568	200	MR200BS	.031	1.98
K8569	365	MR365BS	.031	2.28
K8566	165	MO165BS	.050	1.98
K8550	20	MT20GS	.070	1.95
K8551	35	MT35GS	.070	2.10
K8552	50	MT50GS	.070	2.34
K8553	70	MT70GS	.070	2.67
K8554	100	MT100GS	.070	2.94
K8555	150	MT150GS	.070	3.60
K8614	35	MG35NS	.171	3.60

Dual Midways

Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8584	50	MR50BD	.031	\$2.82
K8547	70	MR70BD	.031	2.94
K8548	100	MR100BD	.031	3.06
K8549	150	MR150BD	.031	3.18
K8585	260	MR260BD	.031	3.90
K8620	35	MT35GD	.070	3.60
K8621	50	MT50GD	.070	3.81
K8628	70	MT70GD	.070	4.20
K8629	100	MT100GD	.070	4.80

NOTE—The maximum capacitances given above are per section.

U.H.F. X'mitting Condensers



Designed especially for 5, 10 and 20 meter application. Insolantite insulation. Single hole, front panel mounting, with provision for chassis mounting. "NT" have .070" air-gap; "NP" have .084", and "NG" have .171".

Singles

No.	Type	Mmfd.	Depth	Each
K8557	NP50DS	9-50	3 1/2"	\$2.10
K8558	NP75DS	11-75	4 1/2"	2.46
K8576	NP100DS	13-100	5 1/2"	2.82
K8577	NP150DS	19-150	6 3/4"	3.66
K8578	NG35DS	11-35	5 1/2"	3.12

Doubles

No.	Type	Mmfd.	Depth	Each
K8579	NT50GD†	7-50	4 1/2"	\$3.60
K8651	NP35ND†	5-35	4 1/2"	3.60
K8594	NP35DD	5-35	4 1/2"	3.21
K8545	NP60DD	9-50	5 1/2"	3.60
K8546	NP75DD	11-75	6 3/4"	4.32

* .025 plates; † .040 plates.

Mounting Brackets



(A) Type "M", for mounting "M" and "N" type condensers. **K8602 Your Cost. 12c**
(B) Type "BW", fit B.&W. "B" Jack Barto MT100GD, MO180BD. **K8606 Your Cost, per Pr. 21c**
(C) Type "BWJ", for mounting Trim-Air Neutralizers on Midway. **K8608 Your Cost. 11c**

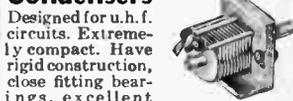
Trutest Midget Condensers



Popularly priced, midget variable condensers for short-wave receivers and transmitters. Compact, ruggedly constructed and highly efficient. All types listed employ non-corrosive aluminum plates, wiping phosphor-bronze rotor contact, **Ceramic Insulation**, sturdy lug terminals for heavy wiring, single-hole mounting feature, etc. Shaft is of brass and 1/4" in diameter, plated to resist corrosion. Supplied with mtg. nut.

Single Spaced					Single Spaced Units				
Stock No.	Cap. Mmfd. Min.—Max.	No. Plates	Your Cost		Stock No.	Cap. Mmfd. Min.—Max.	No. Plates	Your Cost	
K9724	3	15	3	33c	K9714	7	140	19	55c
K9728	3.5	25	4	36c	Double Spaced Units				
K9729	4	50	7	39c	K9706	6.5	35	10	49c
K9731	6	80	11	43c	K9707*	5	50	16	59c
K9727	6	100	14	46c	* Bakelite Insulation.				

BUD Tiny-Mite Condensers



Designed for u.h.f. circuits. Extremely compact. Have rigid construction, close fitting bearings, excellent Aismag 196 insulation. Soldered brass plates are bright cadmium plated. 3-way mounting. Shaft arrangement on single units permits ganging. Panel space 1 1/2 x 1 3/4".

Stock No.	Cap. Mmfd.	No. Plates	Your Cost
K9539	3-13	5	\$0.56
K9540	4-25	9	.65
K9541	5-35	13	.73
K9542	6-50	19	.79
K9543	9-100	37	.97
K9544	12-140	51	1.24
K9545*	4-10	7	.59
K9546*	5-15	11	.73
K9547*	5.5-25	17	.88
K9548*	6-35	21	1.03

*—Double spaced units

Dual Units (Split Stator)

Stock No.	Cap. Mmfd.	No. Plates	Your Cost
K9512	3-15	5	\$1.18
K9513	4-25	9	1.29
K9514	6-50	19	1.47
K9515	9-100	37	1.62
K9516*	4-10	7	1.32
K9517*	5-15	11	1.47
K9518*	5.5-25	17	1.62
K9519*	6-35	21	1.76

*—Dual Spaced.

Tiny-Mite Air Padders



Ideal for circuits requiring a constant capacity under all conditions, such as oscillator padding circuits, I.F. transformers, fixed-tuned circuits, etc. Fit standard 1 1/2" dia. forms. Insulation and assembly as above. Adjusted by screwdriver or hex wrench.

Stock No.	Mmfd. Range	L. Behind Panel	Your Cost
K10088	3—15	7 1/2"	59c
K10089	4—25	1 1/2"	65c
K10090	6—50	7-30	73c
K10091	9—100	1 1/2"	94c

SHORT-WAVE COILS and FORMS

BUD Jr. X'mitting Condensers

Excellently suited for low and medium power transmitters, etc. Each require panel space of 3x2 1/4". Rigid and perfectly spaced. Alsimag 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'th.	Your Cost
K10621	50	.051"	2 1/2"	\$1.47
K10622	100	.051"	2 1/2"	1.62
K10623	145	.051"	3 1/2"	1.91
K10624	250	.051"	4 1/2"	2.35
K10625	25	.078"	2 1/2"	1.43
K10626	55	.078"	3"	1.68
K10627	110	.078"	4 1/2"	2.06
K10628	20	.144"	3"	1.62
K10629	55	.144"	4 1/2"	2.06
K10630	105	.144"	7 1/4"	2.73
K10631	18	.175"	3 1/2"	1.76
K10632	55	.175"	5 1/2"	2.65
K10633	100	.175"	9 1/4"	3.53

BUD Oscillator & Buffer Coils

Small air-wound coils for all transmitter stages with 50 watts or less input. For tuning from 5 to 160 meters. Glazed ceramic base, 5 prongs.

Center Linked and Tapped

Link at center, with main wdg. c.t.

Stock No.	Band	Max. Cap.	Each
K10634	160M	90 mmfd.	88c
K10635	80M	75 mmfd.	88c
K10636	40M	50 mmfd.	88c
K10637	20M	33 mmfd.	88c
K10638	10M	28 mmfd.	88c
K10639	5M	18 mmfd.	73c

End Linked No Tap

Link at end, no center tap

Stock No.	Band	Max. Cap.	Each
K10640	160M	90 mmfd.	88c
K10641	80M	75 mmfd.	88c
K10642	40M	50 mmfd.	88c
K10643	20M	33 mmfd.	88c
K10644	10M	28 mmfd.	88c
K10645	5M	18 mmfd.	73c

2.5 Millihenry Choke

Four piece wind sections on Isolantite form. 2.5 millihenrys, 50 ohms d.c. resistance distributed capacity 1 mmfd.

Your Cost Each 12c

Transmitting Chokes

Tapered 6 section winding on a ceramic dowel. Distributed capacitance 1 mmfd. D.C. resistance is 5 ohms for the first, 12.5 ohms for the second and 30.4 ohms for the last.

Your Cost 88c

Stock No.	Milli-henrys	Cap. Ma.	Your Cost
K10234	2.8	1000	
K10235	5.5	500	
K10229	5.9	200	88c

Bud H.F. X'mitting R.F. Choke

1/2" Isolantite core. 2.5 mh., 16 ohms resistance, carries 250 ma. continuous.

Your Cost 50c

B & W Link-Type Air Inductors

High efficiency air inductors for transmitters. "B" series for osc., buffer or doubler stages up to 100 watts. "T" series for neutralized buffer and final tank stages up to 500 watts. "BL" and "TL" coils are center linked; end-linked supplied on special order. "BVL" and "TVL" coils are variable link units, permitting front panel control, with split winding for twin metering in push-pull stages. Capacity specified is max. required for lowest frequency resonance. Type number gives wave band.

Stock No.	Type	Cap. Mmfd.	Dia. Ins.	Your Cost	Stock No.	Type	Cap. Mmfd.	Dia. Ins.	Your Cost
K10312	160BL	110	2 1/2	\$2.50	K10424	160BVL	150	2 1/2	\$2.10
K10313	80BL	52	2 1/2	2.30	K10425	80BVL	70	2 1/2	1.90
K10314	40BL	43	2	2.05	K10426	40BVL	40	2	1.65
K10315	20BL	40	2	1.80	K10427	20BVL	40	2	1.45
K10316	10BL	28	2	1.75	K10428	10BVL	35	2	1.40
					K10429	5BVL	25	2	1.35
K10317	160TL	115	5	\$2.85	K10430	160TVL	65	2 1/2	2.25
K10318	80TL	60	3 1/2	2.65	K10431	80TVL	55	2 1/2	2.15
K10319	40TL	38	2 1/2	2.40	K10432	40TVL	34	2 1/2	1.90
K10320	20TL	30	2 1/2	2.15	K10433	20TVL	28	2 1/2	1.65
K10321	10TL	25	2	2.10	K10434	10TVL	22	2 1/2	1.65
K10322	Stearite Jack Bar, with jacks, for "TL" coils.			Each . . . \$1.25					
K10323	Stearite Jack Bar, with jacks, for "BL" coils.			Each85					
K10395	Base Assembly for "TVL" Coils.			Your Cost4.00					
K10396	"BVL" Assembly, with swinging link and jack bar.			Ea. 2.50					

JOHNSON "HI-Q" Inductors

Wound on ribbed ceramic forms. Employs rotating coupling coil for interstage or output circuits. All are 4 1/4" long, and handle up to 250 watts. Mounting base for coils and forms listed below required; available separately.

Stock No.	Band	O.D.	Each
K10400	10	2"	\$2.20
K10401	20	2 1/2"	2.32
K10402	40	2 1/2"	2.41
K10403	80	2 1/2"	2.50
K10404	160	2 1/2"	2.59
Mounting Base			
K10408	Your Cost		59c

Unwound Forms Only

K10405 Form only, no coupling coil, for 10, 20, 40 meters. **47c**

Your Cost

K10406 For 80 & 160 M. Ea. 50c

K10407 Plug-in strip for above coils. Each 59c

Bakelite Ribbed Plug-In Coil Kit

On ribbed, natural color Bakelite forms. Space windings. Wave-range printed on card on each coil. For .00015 mfd. tuning. Windings comprise tickler and grid input.

4-PRONGS - 2 WINDINGS

Set of four 4-prong coils cover 15 to 200 meters. **\$1.18**

K9982 Your Cost

Two coils to cover broadcasting 185-565 meters. **94c**

K9983 Your Cost

Ribbed Bakelite Forms

Unwound coil form as used in above kit. Of molded Bakelite 2 1/2" high, 1 1/4" in dia. With rimmed tops.

Stock No.	Prongs	Your Cost
K9988	4	
K9989	5	Each 12c
K9990	6	

BUD 6L6 Neutralizing Condenser

For neutralizing beam power tubes like the 6L6, 6V6, 807, RK49, RK39, etc. Capacity range 1 to 9 mmfd. Heavy aluminum plates 1" in diam. Solder lug terminals thumb nut locking.

K9569 Each **59c**

MEISSNER B.F. Oscillator

In black crystal finished shield can, Mica Tuned 1 1/2 x 1 1/2 x 3 1/2"; Air Tuned 2 x 2 x 4 1/2". Bakelite knob for pitch adjustment. Permits the use of "beat note" tuning for locating weak stations. Spade bolt mounting.

Air Tuned Each	Freq. Kc.	Mica Tuned Each
K10169	456	K10171
2.20		1.03

Alignaire available in 262, 370, 3000 kc. on order. Same price.

Truest Plug-In Coil Kits

Space wound on molded Bakelite forms 1 1/4" in diameter and 2 1/4" high. Have rims for easy handling. Tune with .00014 mfd. condenser.

4-Prongs—2 Winding

K10040—Kit of 4 coils covering 9.5-200 meters. List \$1.65

Your Cost **85c**

K10041—Broadcast coils. Two coils, 100-570 meters

Your Cost **65c**

6-Prongs—3 Windings

K10042—Kit of 4 coils covering 9.5-200 meters

Your Cost **\$1.35**

K10043—Broadcast coils. Two coils. 100-570 meters

Your Cost **85c**

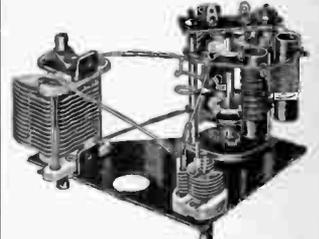
PLUG-IN COIL FORMS

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 Types **10c**

BROWNING Tuners



Model BL-5DX

Used in the Browning Pre-Selector. Covers from 5 to 185 meters, in 5 bands. Tuning accomplished by 200 mmf. tank and a 25 mmf. electrical bandspread condenser. All mounted and wired; dim. 3 1/4 x 4 1/2 x 5 1/2". Shpg. wt. 2 lbs.

\$6.00

K10646—Your Cost

Model BL-5X

Coils and band switching assembly, from above, only. Dim.: 3 1/4 x 3 1/2 x 3 1/2".

K10647—Your Cost **\$3.90**



Model BL-5G

Complete tuned grid unit, for crystal exciter or E.C. oscillator. Includes 5 high-Q cathode tapped coils, band-changing switch, 100 mmf. tuning condenser, etc.,—all mounted and wired. Covers fundamentals of 14, 7, 3.5, 1.7 and .875 MC. Also, for signal generator for ham bands. Dim.: 3 1/4 x 1 1/4 x 6 1/4". Wt. 2 lbs.

K10648 **\$7.20**

Your Cost

Model BL-5P

Same as above, but for plate tuning and with a 50 mmf. condenser instead of 100. Dim.: 3 1/4 x 3 1/2 x 5 1/2". Shpg. wt. 2 lbs.

K10649—Your Cost **\$5.40**

Model BL-5H

Ideal for regenerative pre-selector, stand-by or portable receiver, etc. Has 5 Hi-Q cathode tapped coils, band switch, 35 mmf. tuning condenser, etc.,—all wired. Covers 10, 20, 40, 80 and 160 meter bands. Dim.: 3 1/4 x 4 1/2 x 6 1/4". Shpg. wt. 2 lbs.

K10650—Your Cost **\$4.80**

GIANT Coil Forms

Low-loss amber, ribbed for air-spaced winding. Have knurled flange for easy handling, and groove for wave-band index. 2 1/2" in diameter, 3 1/2" high, 3 1/4" winding space; eight ribs.

Stock No.	Prongs	Each
K14385	4	38c
K14386	5	41c
K14387	6	44c

Medium Coil Forms

As above, but undrilled and 1 1/2" diameter, 2 1/2" high. Bakelite.

K9630—4-Prong

K9631—5-Prong Each **17c**

K9632—6-Prong

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 **49c**

TRANSMITTING KEYS and ACCESSORIES

SPEED-X Transmitting Keys & Accessories



**Model 501
Hi-Speed
Key**

A professional high-speed key for the amateur and commercial operator. Has $\frac{1}{4}$ " coin silver contacts, pig-tail connections to the vibrator arm, no current to the case-hardened bearings; polished chromium on all machine parts and base. Adjustable from 8 words per minute to as high a speed as desired. Equipped with switch and cord and plug. Base dim.: $3\frac{1}{2} \times 6\frac{1}{4} \times 1\frac{1}{2}$ ". With rubber legs. Shpg. wt. 5 lbs.

K14028—Your Cost \$10.29

Model 500

Same as above, but in black wrinkle finish. **K14019—Your Cost \$7.94**

Model 515

For the amateur who needs a durable, heavy-duty speed key. The parts are finished in heavy nickel, with black wrinkle finished base giving it an outstanding appearance. Employs same high standard of construction as used in above. Speed X key. Base dim.: $3 \times 6 \times \frac{3}{4}$ ". No switch or plug. Shpg. wt. 4 lbs.

K14033—Your Cost \$5.44



Model 321 Senior Key

For the old timer and the ham who is to start right. $\frac{1}{4}$ " silver contacts. All chrome finish. All metal base highly insulated.

K14039—Your Cost \$2.06



Model 300 Practice Key

Two adjustments; base is of molded Bakelite; machined parts finished in bright nickel; coin silver contacts.

K14041—Your Cost \$8.8c



Model 310 Manual Key

Provision for plugging-in Hi-Speed model. Black wrinkle base; parts nickel. $\frac{1}{2}$ " silver contacts.

K14051—Manual Key, without Switch. Your Cost \$1.47

K14052—With Switch. Your Cost \$1.76



Model 301 Ham Key

Designed for the amateur. Silver contacts. Bakelite base; metal parts nickel.

K14040—Your Cost \$1.26

K14044—As above but with switch \$1.47



Bakelite Key Knobs

Of brilliant, black Bakelite. Navy knob (with disc).

K14037—Your Cost Each 15c

K14038—Each 15c



Hi-Frequency Buzzer

Constant frequency buzzer for practice or modulation work. 2 ohms resistance.

K14021—Your Cost 73c



NATIONAL Code Practice Oscillator

Requires 4 cells to supply all voltages to a 80 tube. Ideal as audio signal source, code practice oscillator, etc. Type CPO. Shpg. wt. 4 lbs.

K14018—Oscillator less tube and batteries. List \$6.00

Your Cost \$3.60



McELROY'S Keys & Accessories



De-Luxe MacKey

Best of the famous Macs. One-piece cast iron base, black marble finish. Parts finished in chrome. Stainless steel coil springs and bearing; $\frac{1}{8}$ " silver contacts. "Pigtail" connection. Bakelite insul. With circuit closing switch.

K14032—Shpg. wt. 7 lbs. Your Cost \$9.50

Standard MacKey. 9 Adjustments; Bakelite bushings, paddle and knob. Less switch. With circuit closer. Shpg. wt. 5 lbs. \$7.50

K14087—Your Cost \$7.50

Junior Model. Same main lever as above models. Somewhat lighter in construction. K14090—Shpg. wt. 5 lbs. \$5.50

Your Cost \$5.50



Straight Keys De-Luxe

Streamlined base of cast brass. Carefully machined and heavily chromium plated. $\frac{3}{16}$ " contacts. Case hardened steel bearing screws. With circuit closing switch. Shpg. wt. 2 lbs.

K14091—Your Cost \$2.25

Professional Model

Same base as above, but black wrinkle base and chrome parts laquered. $\frac{3}{16}$ " contacts. With circuit closing switch. Wt. 2 lbs.

K14092—Your Cost \$1.65

Amateur Model

Perfectly designed and balanced. Black wrinkle base with cadmium plated parts. Less switch. $\frac{3}{16}$ " contacts.

K14093—Your Cost \$1.00

"MAC" Practice A.F. Oscillator

A new, improved 3-tone A. F. oscillator, by McElroy. 3-position switch selects either 600, 800 or 1000 cycle tubes and a bal-tone. Beautifully molded bakelite case; binding posts for key terminals and for the 200 ohm output for matching mike input. Phone tip jacks for the operator. Can be used as a tone source for bridges, etc. Operates from 110-120 volts AC or DC. Supplied with 2 6C5G glass and 1 metal ballast tubes. Shpg. wt. 3 lbs.

K14034—McElroy A. F. Oscillator \$5.95

Your Cost \$5.95

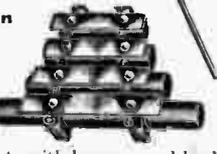


DEAGAN Station Chimes

For Ham and Broadcast Station

Four perfectly pitched notes tuned to a perfect chord impossible to play out of tune. Simulates bugle calls, clock tower chimes, etc. Complete with hammer and book of directions and 80 selections. $12\frac{1}{2} \times 8\frac{1}{2} \times 3\frac{1}{2}$ ". Shpg. wt. 6 lbs.

K14013—Your Cost \$4.50



GUTHMAN "Keytoner"

Much easier to master code with this audible keying monitor. Cabinet is $7 \times 5 \times 4$ ". Consists of loudspeaker, 70L7GT tube (not supplied), AC-DC power supply, switch for producing 5 tones, etc. Power output is

1.8 watts. With full instructions. Kit wt. 6 lbs.

K13998—Complete kit. Your Cost \$6.76

K13999—Wired "Keytoner", less tube. Wt 6 lbs. Your Cost \$9.70

Your Cost \$9.70



SIGNAL Keys And Practice Sets



R-50

Amateur Key
Black, cast base. Coin silver contacts. Nickel-plated parts. Shpg. wt. 1 lb.

K14009—Your Cost \$8.8c

Heavy Duty Keys

Arm, base and supporting posts of heavy cast brass. Coin silver contact points.

Stock No.	Type	Contacts	Each
K14002	R62	$\frac{1}{8}$ "	\$2.25
K14003	R63	$\frac{1}{16}$ "	2.35
K14004	R64	$\frac{3}{32}$ "	2.50



Key with Switch

A telegraph key with a switch to close contacts. Polished laquered brass base. Key and switch lever nickel. Shpg. wt. 1 lb.

Type M100. \$1.75

K14017—Your Cost \$1.75

R48, as above, less switch. \$1.65

K14005—Your Cost \$1.65

R68 Code Practice Set

Key and high frequency buzzer on polished hard-wood base. Hook battery to terminals and it is ready to operate ($1\frac{1}{2}$ -volt dry cell not supplied). Metal code plate on base.

K14001—Each \$2.00

High Frequency Buzzer Only

Adjustable type. Crystalline case.

K14006—Your Cost \$8.2c

Two-Way Code Set

Ideal for the code learner. A switch on each set permits radio code (buzzer), blinker (bulb) or telegraph. Metal code plate on each set; adjustable key with standard knob. Each set takes 2 No. 950 flashlight cells. Supplied with bulbs, 50 ft. of double wire and instructions. Less cells.

K14000—Your Cost \$1.85

One-Way Code Set

Single unit, for learning code, blinker or navy signals. Same as above, but only one unit. With full instructions.

K14008—Your Cost \$8.5c

K20124—Eveready No. 950 cell. Each .63c



MARTIN Professional

No. 6 Flash Key

For professional operators. Single lever, with improved flat pendulum and instantly adjustable dot contact spring. Circuit breaker in parallel with pendulum. With cord. Base is $6\frac{3}{8} \times 3\frac{1}{2} \times \frac{1}{2}$ ".

K14056—Black crackle. \$10.29

Your Cost \$10.29

K14055—Nickel plated. \$11.71

Your Cost \$11.71

G.L. Automatic Tape Sender

For code practice. Speed adjusted with cone friction drive for 10 to 70 w.p.m.; as low as 1 w.p.m. 110 volts, 60 cycles a.c. Cast aluminum case, 5" sq. 3" high in black crackle. With 6-ft. cord and plug, and six rolls of tape. Shpg. wt. 4 lbs. **Postpaid**

Anywhere in U. S. A. \$12.50

K14022—Your Cost \$12.50

K14023—1000-ft. roll of tape. Your Cost \$1.00



TRANSMITTING CRYSTALS & RELAYS

VF1 Variable Freq. Crystal



Merely by twisting the control knob you can shift frequency to avoid QRM. Unique angular air-gap allows wide adjustable frequency range. Each crystal individually finished for best variable frequency performance and has drift not exceeding (\pm) 4 cycles/Mc. $^{\circ}$ C. With the average transmitter, no changes in tuning will be required over the entire adjustable range.

- K13493**—Within 5 Kc. of specified minimum frequency in the 80-meter band. **\$6.60**
Your Cost
K13482—Exact integral kc. \$8.50
K13538—Within 15 Kc. of specified minimum frequency in the 40 meter band. **\$6.60**
Your Cost
K13339—Within 5 kc. \$8.50

CFI "I.F." Crystals

Mounted crystals for use in 1st i.f. stage of short wave receivers. Ground for maximum efficiency; no spurious responses within 7 kc. of fundamental. Steatite holder.

- Each
K13516—456 kc. **\$5.50**
K13517—465 kc.
K13510—1600 kc. \$9.50

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. $^{\circ}$ 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 kc. **\$4.95**
Your Cost
K13532—BC3 mounted xtal for 160 meters, within 10 kc. of specified frequency. **\$3.35**
Your Cost

Type SMC-100



Provides a simple means for checking the calibration of receivers, oscillators and ham monitors. Mounted precision, dual frequency xtal ground to oscillate at 100 kc. (with allowance for room temperature compensation), and 1000 kc. (.05%) by switching proper tank coil in circuit.

- K13523**—Your Cost **\$7.75**

Type HF2



Mounted, precision ground crystal for 10- and 20 meter bands; offers control for 5, 10 and 20 meters.

- K13507**—14.0-14.4 Mc. drift 20 cycles/Mc. $^{\circ}$ C.
K13508—14.4-15.0 Mc. drift 20 cycles/Mc. $^{\circ}$ C., within 30 kc. of specified freq.
K13509—28.0-30.0 Mc. drift 43 cycles/Mc. $^{\circ}$ C., within 60 kc. of specified freq.
Any Type, Each \$5.75

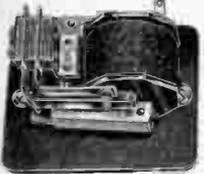
BC-2 Crystal Holder



Crystal holder of molded Bakelite to fit tube socket base. 20-40 meter and 80-160 meter

- types. Diameter, 2", height 1" excluding pins, weight, 1 1/2 ounces.
K13098—20-40 meter.
K13099—80-160 meter.
Your Cost, Each 95c

GUARDIAN Transmitting Relays



Use pure silver relay contacts. Mounted on Bakelite insulation. Strong magnet coil and return spring assures a clean make and break for a fine CW note and easy copying.

- Model X-100 Adjustable Overload Relay; opens the 110-volt in-put when plate currents exceed any value from 150 to 650 ma. Hand reset—does not make contact until handle is released so that it will immediately reopen if overload has not been removed. Re-set push-button extends through panel. Shpg. wt. 1 lb.
K14120—Model X-100 **Your Cost \$5.88**

- Model L-500. Same as above; non-adjustable. 500 ma.
K14122—Your Cost Each **\$4.41**

- Model K-100. Keying Relay; Single contact. Works on 5 to 16 volts a.c. or from any 1 1/2 to 4 volt d.c. source.
K14123—Your Cost **\$3.23**

- Model B-100. Break-in Relay; Double pole, double throw, 110 volts a.c. Ideal for remote control applications.
K14125—Your Cost **\$4.41**

- Model R-100. Relay; Single pole, single throw, 110 volts, 60 cycles a.c. Work R.F. phone circuits up to 1 K.W. Alsmag insulation.
K14118—Your Cost Each **\$1.62**

- Model R-100-C. Like above, but S.P.D.T. Alsmag insulation.
K14119—Your Cost Each **\$1.94**

- Model A-100: Antenna Relay. D.P.D.T. 2 1/2 x 2 x 2 1/2".
K14117—Your Cost **\$3.50**

STACO Relays



Antenna changeover relays; all D.P.D.T. with insulation for RF circuits. Also, good for band-changing, tank switching, etc. All use 1/2" pure silver contacts, ball-bearing pivot, floating armature, and have 3 1/2 x 3 1/2" base. Type AB relays use XPLW low power loss bakelite; type AM use Mycalex base and cross arms. Large shading coil eliminates AC chatter.

- Stock No. Type Coil Voltage Each
K14113—ABA 110 volts A.C. **\$2.50**
K14114—ABD 6 volts D.C.
K14115—AMA 110 volts A.C. **\$3.38**
K14116—AMD 6 volts D.C.

Thutest MOUNTED X'tals



High quality guaranteed accurate crystal mounted in a newly designed, high efficiency type holder at the former cost of the crystal only. All are low drift AT cut, accurate to .03% of calibrated frequency. Crystal holders designed to be stacked, take less room than multiple holders. All within

- 5 kc. of desired frequency. 1 1/2 x 1 1/2 x 3/8"
 Stock No. Frequency Each
K13514 7000 to 7300 kilocycles \$3.45
K13513 3500 to 4000 kilocycles 2.95
K13512 1700 to 2000 kilocycles 2.95
 Any above supplied to exact integral frequency add. \$1.00

Mounted Test Crystals

These crystals are mounted in a holder similar to above. Supplied for test purposes. Accurate to 1/10th of 1%. Specify frequency.
K13479—500 to 7000 kc. **\$5.50**
Your Cost Each

Commercial Frequency X'tals

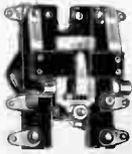
Guaranteed accuracy to .02%. Mounted AT cut. Drift less than four cycles per degree Centigrade per megacycle. In low loss Bakelite holder. Ground to your specified frequency within range of 500 to 7000 kilocycles. Complete with holder.
K13480—Your Cost Each **\$15.00**
 For frequencies other than 500 to 7000 kilocycles, prices upon request.

Crystal Holders

Similar in style to above illustration; slightly different in construction. Dim.: 1 1/2" high, 1 1/4" wide. Removable cover.

- K13190**—For AT cut x'tals.
K13191—For 40 meter x'tal.
K13192—For 80 & 160 meter x'tal. **95c**
Your Cost Each

DUNCO Radio Relays



Compact relays having two isolated contacts suitable for operation in high or low voltage circuits at any frequency, including short waves, broadcast frequencies, intermediate frequencies, voice frequencies as well as 60-cycles or d.c. circuits. Size: 1 1/2 x 2 x 1 1/2". Shpg. wt. 2 lbs.

- Either Type, Ea.
K14030—RA-1. 2.5 v. coil, 60 eye.
K14031—RD-1. 5-6 volts d.c.
K14035—RA-3. 6.3 v. coil, 60 eye. **\$2.00**

Type B5

A superior low-drift mounted crystal for 20 and 40 meter bands. Accurately calibrated. Less than 4 cycles/Mc. $^{\circ}$ C drift. 40 meter unit has a high activity and good power handling capacity. Mounted in a low loss holder that fits a standard 5-prong socket.



- | Stock No. | Freq. in MC | Freq. in Kc | Your Cost |
|---------------|-------------|-------------|-----------|
| K13546 | 7.0- 7.3 | 5 Kc | \$4.80 |
| K13547 | 7.0- 7.3 | Exact | 5.90 |
| K13518 | 14.0-14.4 | 15 Kc | 7.50 |
| K13548 | 14.0-14.4 | 5 Kc | 12.00 |
| K13549 | 14.4-15.0 | 30 Kc | 7.50 |
| K13550 | 14.4-15.0 | 5 Kc | 17.50 |

Type LD2

A rugged low-drift crystal for the 80 and 160 meter bands. Frequency drift is less than 4 cycles per megacycle per degree Centigrade. Mounted in a low-loss Bakelite holder. Crystal is highly active. Specify frequency desired. Holder plugs into 5 prong tube socket.

- K13585**—Within 5 kc. of specified frequency. **Your Cost \$4.80**
K13494—Exact integral kc. **Your Cost \$5.90**

Allied Relays



Designed for a multitude of transmitter and receiver applications. **SPDT Plate Circuit**. Adjustable for pull-in and drop out regulation and contact spacing.

- Silver contacts, rated 5 amps. 2500 ohm coil. Normally adjusted for 8 ma. pull in,—5 ma. drop out. Insulated mtg. bracket.
K14105—Your Cost Each **90c**
SPDT, 6 Volts AC. Similar to above, but with 6 V. AC coil. **\$1.15**
K14106—Your Cost Each
SPDT, 6 V. DC. Same, 6 V. DC coil. **90c**
K14107—Your Cost Each
SPDT, 110 V. AC. Same, 110 V. AC coil. **\$1.25**
K14108—Your Cost Each

Type "D" Relays



Designed especially for Police, Aircraft, Marine Radio, etc. All are **D.P.D.T.** Entire contact section is housed in special porcelain case. Has heavy insulated and impregnated coil, and insulated metal mtg. bracket. Contacts carry 10 amps., at 125 V. A.C., 10-12 amps. at 6-18 V. D.C. Dim. of each: 2 1/2 x 1 3/4 x 1 1/2" wide.

- | Stock No. | Type | Coil Voltage | Each |
|---------------|------|--------------|---------------|
| K14109 | D-1 | 6 V.—D.C. | \$1.90 |
| K14110 | D-2 | 12 V.—D.C. | |
| K14111 | D-3 | 6 V.—A.C. | |
| K14112 | D-4 | 110 V.—A.C. | \$2.25 |

WARD LEONARD Midget Relays



Designed for use in automatic switching of the antenna from transmitting to receiving. For low power. Features: Mycalex base and cross arm; silver to silver contacts; cadmium plated parts; coil consumption 3

- to 4 watts. Base 2 1/4 x 2 1/2". **Double pole, double throw, single break**. Wt. 1 lb.
K14147—Type 507-532. 6-8 volts d.c. coil.
K14148—Type 507-531. 110/120 v., 50/60 cyc. List Price \$8.00 **\$4.70**
Your Cost, Either Type
K14133—Model 507-507. **Keying Relay**. S.P.S.T., double break. Coil for 2.5 volts d.c.
K14134—Model 507-508. As above, but coil is for 6-8 volts d.c. List \$7.00. **Your Cost, Each \$4.12**
K14130—Type 507-533. Band switch relay for 110 volts, 60 cycles a.c. Mycalex base and arm. S.P.S.T. **Your Cost \$5.00**

Transmitting AERIALS & EQUIPMENT

PREMAX Vertical 10 & 20 Meter Radiators

Easily erected vertical type radiators. No long pipes to handle. Simply erect a single section and adjust to size. VR136 insulator is a special Lapp brown-glazed porcelain held in compression between malleable iron castings. VR318 insulator is brown-glazed porcelain mounted on special post and base flange. Masts are of high tensile Copper-Nickel-Steel Tubing in carefully designed sizes, so as to provide complete telescoping of entire mast into a 6 ft. unit. Spring band locking clamps on each section provide positive rigid contact. No guying required.

VR136 VR318
Masts are finished in bright cadmium plating and are shipped with instructions for erecting and feeding.

K17157—VR318—10 Meter, 3-section mast and insulator. Adjustable from 6 ft. to 17 ft. Diameter of mast at base $\frac{1}{2}$ " sloping to $\frac{1}{2}$ " at top. Shpg. wt. 12 lbs. **\$7.35**
Your Cost.....

K17158—VR136—20 Meter, 6-section mast and insulator. Adjustable from 7 ft. to 34 ft. Diameter of mast at base $1\frac{1}{2}$ " to $\frac{1}{2}$ " at top. Shpg. wt. 29 lbs. **\$16.60**
Your Cost.....

Aluminum Radiators

Lightweight, corrosion resisting and adequate strength for exacting conditions. 20 Meter Vertical Radiator consists of 5-sections of heavy-gauge aluminum alloy tubing, approx. $1\frac{3}{4}$ " diameter at base, $\frac{1}{2}$ " at top. Completely telescopic and adjustable from $7\frac{1}{2}$ ft. to 34 ft. Positive contact between sections, due to new clamping device. Will withstand wind strains up to 60 miles an hour. Easy to operate and dependable in action.

K17173—20 Meter Aluminum Radiator, complete with VR136 insulator. Shpg. wt. 20 lbs. **\$33.81**
Your Cost.....

K17174—10 Meter Aluminum Radiator. 3-Sections, adjustable from 7 ft. to 20 ft. With VR318 insulator. Shpg. wt. 12 lbs. **\$18.37**
Your Cost.....

PREMAX Power-Gainer Rotary Beam Antenna Kits

Suitable for making all popular types of arrays for 10 and/or 20 meters. Kit consists of 4 PREMAX CORULITE tubular elements, each completely telescopic and adjustable from 6 ft. to $17\frac{1}{2}$ ft., with set of 8 combination mounting clamps and soldering lugs. Adjustable sections are positively locked at any desired extension by spring band locking clamps at each joint. Elements are 1" diameter, tapering to $\frac{3}{4}$ " at outside end. Made of special steel tubing, reinforced by continuous corrugations. Finished in bright cadmium. Bronze mounting clamps with each unit.

K17150—RB-4218. Complete Kit of four $17\frac{1}{2}$ ft. elements, combination mounting brackets and soldering lugs. Shpg. wt. 15 lbs. **\$14.65**
Your Cost.....

K17153—218M. $17\frac{1}{2}$ ft. 4-section element only. Shpg. wt. $3\frac{1}{2}$ lbs. **\$3.67**
Your Cost.....



Double End Elements 3 Element Kit For 10 Meters

Same material as above elements. $17\frac{1}{2}$ ft. long and are double ended. Center section 6 ft. long and $\frac{3}{8}$ " diam. Has PREMAX clamping device at each end. Into this section are inserted two lighter ($\frac{3}{8}$ ") 6 ft. sections. Adjustment from 12 ft. to $17\frac{1}{2}$ ft. is available. For shipping, elements are collapsed to 6 ft. **Kit does not include frame.**

K17176—RB-3418. Kit of 3— $17\frac{1}{2}$ ft. elements for building 10 meter antenna. With instructions. Shpg. wt. 10 lbs. **\$10.58**
Your Cost.....

K17177—418M. Single $17\frac{1}{2}$ ft. 3-section double-end element only with bronze clamps. Shpg. wt. 3 lbs. **Your Cost \$3.53**



RB-4218 (Frame not included)

PREMAX Worm-Drive Rotomount

Finest type mtg. for Rotary Beams. Employs worm-drive 20:1 reduction gear and ingenious shock absorber. With "V" pulley for motor or hand drive. Shpg. wt. 45 lbs.

K17178—Less Motor **\$29.40**
Your Cost Each.....



PREMAX Motor Transmission Unit

For use with Worm-Drive Rotomount. Gear ratio 40:1. All gears in heavy housing, half-filled with heavy oil. Simple quick attachment. $1/6$ th H.P. motor, minimum, recommended. Shpg. wt. 10 lbs.

K17180— **\$14.70**
Your Cost, Less Motor.....



Premax Hand-Power Rotomount

Sturdy turntable for up to largest of Beams. Non-rocking or wobbling 9x12" platform rotates 360° in either direction. With stranded copper cable leads.

Wt. 35 lbs. **\$13.23**
K17181—Each.....



CARDWELL Coaxial Cable Beads

Cardwell Alsimag Ceramic beads for $\frac{3}{8}$ " O.D. coaxial lines of straight brass tube or soft copper tubing. Center hole for #12 copper wire. 250 beads sufficient for 50 ft. of line.

K16795 **\$1.38**
Box of 250 Beads.....

AMPHENOL Coaxial Cable Beads

Transparent ultra-low loss polystyrene beads $\frac{5}{16}$ " diam. for coaxial cables, photocell transmissions, lead-ins, etc. Ball and socket design for easy flexing. $\frac{1}{16}$ " hole. String 31 beads per foot.

K16795 **\$1.47**
Box of 250 Beads.....

Enamelled Copperweld Solid Antenna Wire

Tough steel core covered, with high conductivity copper. Has enormous tensile strength.

No. 14 Gauge		
Stock No.	Feet Per Foot	Your Cost
K20926	100	.01
K20886	100	.73
K20933	200	1.45

No. 12 Gauge		
Stock No.	Feet Per Foot	Your Cost
K20927	100	.01 1/2
K20885	100	1.05
K20930	200	2.08

No. 10 Gauge		
Stock No.	Feet Per Foot	Your Cost
K20928	100	.02
K20929	100	1.54
K20932	200	3.05

PREMAX Tubular Steel Masts

Welded steel tubing with green baked-on enamel. Fit within each other. Guy wire disc on top section.

K17139—Single-section, $3\frac{1}{2}$ ft. Shpg. wt. 3 lbs. **\$5.9c**
Your Cost Each.....

K17142—Double-section, 7 ft. Wt. 6 lbs. **\$1.18**
Your Cost Ea.....

K17143—Triple-section, 10 ft. Wt. 8 lbs. **\$1.76**
Your Cost Ea.....

K17144—4 section, 13 ft. Wt. 11 lbs. **\$2.35**
Your Cost Ea.....



PREMAX Mast

A solid $\frac{3}{8}$ " steel rod with flattened base which may be bent to any desired angle. Fits all type roofs, mounts solidly. Securely locked porcelain insulator knob at top; cadmium plated inish. 4 ft. high. Less guy wire. Wt. 5 lbs.

K17138—Your **70c**
Cost for 2.....



Pyrex Insulators

Used by the U. S. Army and Navy. commercial services and amateurs. The finest glass insulator made.

Stock No.	Length No. Inches	Power Rating	Your Cost
K16805	3 3/8	Med.	\$0.20
K16806	7 1/2	1/2 Kw.	.75
K16807	12 1/4	12 Kw.	2.20



PREMAX All-Steel Vertical Antennas

New tubular steel antenna, easy to erect, saves space. Reduces local noises to minimum. Consists of 4 cadmium plated tubes, extending to 24 ft., and 5 ft. ground post. Heavy wood insulator unit on which RCA antenna coupling unit may be mounted. Excellent for use with RCA Magic Wave Kit. Complete set includes: mast, insulator unit, ground clamp, full instruction. Wt. 20 lbs.

K17140 **\$5.88**
Your Cost.....

K17141—Roof mounting type, with flanges, guy-wires, insulators. **\$5.88**
Each.....



Airplane Insulator

A $1\frac{1}{2}$ " strain insulator loaded in compression for greater tensile strength.

K17175—10 For. 20c **3c**
Your Cost Each.....



Wall Insulator

For supporting wiring or apparatus. Glazed, ridged porcelain; $2\frac{1}{2}$ " high. Plated nut and screw.

K16735—Each **9c**
Your Cost for 10.....84c



LUCITE Insulators

New! Are excellent for RF insulation. Tensile strength is 7000-9000 lbs. per sq. inch, and weight is approx. one-third that of ceramic. Unbreakable, transparent, highly polished, moisture proof, and weatherproof.

Feeder Spreaders

With screws at each end, for fastening to wire. Diameter $\frac{3}{8}$ "

K17041—2" long. Each.....15c
K17042—4" long. Each.....18c
K17043—6" long. Each.....21c

Antenna Insulators

8" long. With end grooves and openings, to fasten wire.

K17044— $\frac{3}{8}$ " diam. Each.....\$1.03
K17045— $\frac{1}{2}$ " diam. Each.....\$1.47

Call Letter Emblem

For mounting on x'mitter, car, or wall. Frame black with polished chrome, size: $6\frac{1}{2} \times 2\frac{1}{2}$ ". Letters are green on black; 2 complete sets with each emblem.

K17046—Emblem only. **\$1.62**
K17047—Emblem with Reflector Box, wired for 110 volts. $6\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". Wt. 3 lbs. **\$2.35**
Your Cost.....



Large Stand-off

Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Hole for wire.

K16800— **10c**
Each.....
Lots of 10.....90c



ROTARY BEAM ANTENNAS



MIMS DeLuxe Rotator

A sturdy rotator, for all types of beam antennas, constructed of high steel content castings. It is a sturdy unit—weighs 56 lbs. The shaft diameter is 2 1/4" and is of tempered steel. Ball and roller bearings assure smooth operation. Two motors control the unit together with an electrically operated brake. Thus only four wires are required for complete control. An additional wire is required for operation of the direction indicator if this is used. No. 16 wire is large enough for all leads. Standard motors are for 110 V. 50/60 cycles A.C. Shpg. wt. 73 lbs. **Inducto stub not supplied.**
K17196—DeLuxe Rotator as described.
Your Cost F.O.B. \$69.50
 Texarkana, Ark., Tex.



MIMS Standard Rotator

A smaller lighter unit for use only with a 2 element 10 meter array. Shpg. wt. 34 lbs.
K17197—Standard Rotator. Less Inducto stub.
Your Cost F.O.B. \$35.00
 Texarkana, Ark., Tex.

Direction Indicators

Operate from 110 V. 50/60 cycles A.C. Accuracy better than 98%. Calibrated in the various points of the compass and provides a ready check on the direction in which the array is pointing. Control switch operates both indicator and rotator. Shpg. wt. 6 lbs.

K17198—For DeLuxe Rotator
K17199—For Standard Rotator
Your Cost, Either Type F.O.B. Texarkana, Ark., Tex. \$24.50

MIMS "Signal Squirter" Beam Antenna Kits

The only rotary beam antennas with all the following exclusive features: continuous rotation in either direction; Inducto stub high-efficiency feed; two band operation; positive electrical brake; non-resonant feed line. They employ the rotators described at left, and have every desirable feature. They are sturdy, durable and accurately designed and built. Kits are complete including: Rotator with mounted Inducto stub assembly, center section, elements, insulators and all hardware ready for installation. For economy in shipping, the center section is sent with the cross arms unmounted. All holes are drilled and hardware included. The Kit is complete for installation except for tower, motor control wires (5 needed) and open wire feed line. The latter should be of #12 wire with 2" spreaders. Rotator supplied is for 110 V. 50/60 cycles A.C. Direction Indicators are not included.



Stock No.	Band Meters	Type and Model	Shipping Weight, Lbs.	Your Cost
K17200	10	2 element Standard	91	\$ 57.50
K17201	10	2 element DeLuxe	150	110.00
K17202	10	3 element DeLuxe	171	116.50
K17203	20	2 element DeLuxe	189	116.50
K17204	20	3 element DeLuxe	219	124.50
K17205	10 & 20	Dual 3 element DeLuxe	250	159.00

ALL ABOVE PRICES ARE F.O.B. Texarkana, Ark., Tex.

Standard model kit furnished with standard rotator described at left—others with DeLuxe model also described at left.

"HAM" SPECIALS!

Oil-Impregnated X'mitting Condenser

2 Mfd.—1000 Volts—unusually well made unit encased in a bright metal can and fitted with porcelain mounted terminals.
K983—2 Mfd.—1000 Volts
Your Cost \$85c



New Low Prices On Crystals!

Trutest Unmounted

40, 80 & 160 M. Crystals

Guaranteed crystals at a sensationally low price! Never before have we been able to offer such fine crystals at such a low price.

40 and 80 meter crystals are "X" cut and 160 meter are low drift "Z" cut. Calibration accuracy guaranteed. 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 frequency you want.

K13398—40 meter "X"
K13399—80 meter "X"
K13400—160 meter "Z"
Any Type Above, Each \$1.49



New Crowe Colored Streamlined Knobs



A complete line of very attractive streamlined knobs made of the new bright-colored "Crowe-plastic" material.

(A) New streamlined bar knob suitable for transmitters, test instruments, radio receivers, etc. For 1/4" shaft.

Color 1 1/2" Each 2" Each
 Black K10654 8c K10657 11c
 Ivory K10655
 Red K10656

(B) New highly attractive round knobs. All are 1 1/2" diameter. For 1/4" shaft.
K10660—Black K10662—Red
K10661—Ivory
Each Any Type \$11c

(C) Round knob with transparent pointer. Use the 1/4" size for the plates listed opposite side of this page.

Color 1 1/2" Each 3/4" Each
 Black K10663 17c K10666 15c
 Ivory K10664
 Red K10665



JOHNSON "Q" Antennas

Popular with amateurs. Results in great increase in radiated power, due to accurate matching between transmission line and antenna, effected by a 1/2-wave matching section of aluminum tubing. This permits using the "Q" system with 1/2-wave doublet, reflector-director, harmonic-radiator, etc.—or the Johnson "Q" Beam systems. Complete, with instructions.

K17167, Model 5Q	5 Meters	Each \$4.12
K17168, Model 5M	5 Meters	Each 5.88
K17162, Model 10Q	10 Meters	Each 4.62
K17163, Model 20Q	20 Meters	Each 7.20
K17164, Model 40Q	40 Meters	Each 13.29
K17165, Model 80Q	80 Meters	Each 24.70
K17160, Model 10Q'S	10 Meters	Each 5.09
K17161, Model 20Q'S	20 Meters	Each 8.53

Mycalex Insulation.
 *Supplied with straight tubing; others coated.
Note: For "Q" Beams order two "Q" antennas for lower frequency (in Kc) of two desired.

Filament Transformers

Heavy duty filament transformers. Open frame type with mounting feet. Lug terminals on an insulating strip. All terminals clearly marked. Feature high quality core material and 5000 volt insulation. Impregnated coils and ample windings. Size 3 1/2 x 3 x 2 1/2". Mounting centers 2 1/4 x 2 1/4". Primaries tapped for 110-120 volts 50/60 cycles a.c. Secondaries center tapped. Shpg. wt. each, 4 lbs.

K1540—2.5 volts c.t. at 12 amperes
K1541—6.3 volts c.t. at 3.5 amperes
Your Cost, Either Type \$95c



Electronic Converter

6 to 300 V. D.C.
 For mobile x'mitters. Input 300 volts d.c., output 300 volts at 100 ma. d.c. Rated 30 watts continuous, 40 watts intermittent. Plug-in vibrator, OZ-4 rectifier furnished. Draws 9 amps. at full load. Plated case 8 1/2 x 5 3/4 x 3 1/4".
K14223—Your Cost \$14.70



NOTE
 We can furnish all types of converters and vibrator packs. For Mallory Vibrapacks see page 170.

"HAM" SPECIALS!

Micamold 1000 V. "Kodacap" Tubulars



Sensational new cellulose derivative makes these new 1000 V. tubulars smaller and longer lasting than ordinary 600 V. paper types. Tested at 3,000 V.

Stock No.	Cap. Mfd.	Size	Each
K3588	.001	3/4 x 1 1/2"	9c
K3589	.002	3/4 x 1 1/2"	
K3590	.003	3/4 x 1 1/2"	
K3591	.005	3/4 x 1 1/2"	
K3592	.006	3/4 x 1 1/2"	
K3593	.01	3/4 x 1 1/2"	
K3594	.02	3/4 x 1 1/2"	
K3595	.05	3/4 x 1 1/2"	
K3596	.1	3/4 x 1 1/2"	
K3597	.25	1 x 2"	
K3598	.5	1 x 2"	

2.5 V. Filament Transformer

Semi-open strap mounting type with leads. Delivers 2.5 volts at 3.5 amperes. Suitable for receivers and low powered transmitters. Primary 110 volts 50/60 cycles a.c. Shpg. wt. 2 lbs.
K1636—Your Cost \$45c



"Modern" Dial Plates



Anodized aluminum plates with black letters. See opposite side of page for knobs.

(A) Single plate 2 1/2 x 2 1/2". Marked: "Tone", "Gain", "Microphone", "Increase" (no figures—arrow only), "Volume" and "Plain" (No title—just 1 to 10). **Specify marking. \$18c**
K10669—Each, Any Type
 (B) Dual plate 2 1/2 x 5". Marked: "Tone", "Gain"; "Record—Microphone"; "Microphone 1—Microphone 2". **Specify marking. \$29c**
K10670—Each, Any Type

Western Electric 211E

Popular amplifier—oscillator. Replaces 211A and 211D. Fil. 10 V. at 3 amps. Plate voltage 750-1000 V. Plate current 65 ma. average. 4 pin UX base. Shpg. wt. 5 lbs. Quantity limited. **\$3.95**
Your Cost Each

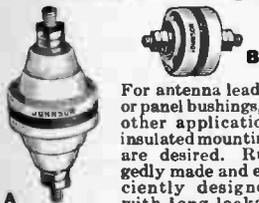


BUY NOW - - QUANTITIES LIMITED



E.F. JOHNSON Accessories

Lead-in Bushings



For antenna lead-in or panel bushings, or other applications insulated mountings are desired. Ruggedly made and efficiently designed, with long-leakage paths in proportion to size. Type A is made of porcelain; Type B is of Alsimag 196 material. Both materials are well known for their efficiency on ultra-high frequency work. Furnished with all necessary hardware. "B" is famous Johnson "55".

K17020—No. 50 (A). $\frac{1}{2}$ " H. x $\frac{3}{8}$ " Dia. x 2" L. **12c**
K17021—No. 51 (A). $1\frac{1}{2}$ " H. x $1\frac{1}{4}$ " Dia. x 2 $\frac{3}{8}$ " L. **21c**
K17022—No. 52 (A). $1\frac{1}{2}$ " H. x $1\frac{3}{4}$ " Dia. x 4 $\frac{1}{4}$ " L. **29c**
K17023—No. 55 (B). $\frac{1}{4}$ " H. x $\frac{1}{4}$ " Dia. x $1\frac{1}{4}$ " L. **18c**

Space limitations do not permit us to list the complete E. F. Johnson line. Send us your order for any unlisted item.

Thru-Panel Insulators



Made of white glazed porcelain. Non-hygroscopic. Feature great mechanical strength and increased breakdown voltage. Flat mounting surfaces with cushion washers eliminates breakage. All have longest possible leakage path. Jack types have terminals permitting connection above as well as below the panel. Nickel plated brass hardware furnished. They are ideal for use as terminals on high frequency, high voltage and low frequency devices.

K16736—No. 40. $1\frac{1}{4}$ " body top, $\frac{1}{2}$ " bottom. 10-32 hardware. $\frac{1}{2}$ " panel hole mounting. **15c**
Your Cost Each **15c**

Handle Indicators



Johnson controls with Bakelite handles 4" diam. scale on No. 204, 6" on No. 206. For $\frac{1}{4}$ " or $\frac{3}{8}$ " shafts. Scales 0-100, zero on left.

K13015—No. 204 **59c**
Your Cost Each **59c**
K13016—No. 206 **73c**
Your Cost Each **73c**

K16737—No. 40J. Same as above, but with jack top. **18c**
Your Cost Each **18c**
K16738—No. 42. $\frac{3}{8}$ " body top, $\frac{3}{8}$ " bottom. 10-32 hardware. $\frac{1}{16}$ " panel hole mounting. **12c**
Your Cost Each **12c**
K16739—No. 42J. Same as above, but with jack top. **15c**
Your Cost Each **15c**
K16740—No. 44. $\frac{3}{8}$ " body top, $\frac{3}{8}$ " bottom. 6-32 hardware. $\frac{1}{16}$ " panel hole mounting. **10c**
Your Cost Each **10c**
K16741—No. 45. $1\frac{1}{8}$ " body top, $1\frac{1}{8}$ " bottom. 10-32 hardware. $\frac{1}{16}$ " panel hole mounting. **21c**
Your Cost Each **21c**
K16742—No. 45J. Same as above, but with jack top. **24c**
Your Cost Each **24c**

Feeder Spreaders

White glazed porcelain overall; cross-section of all sizes is $\frac{3}{8}$ " x $\frac{1}{2}$ ". With end grooves for line conductors and holes for tie-wires.

K17027—2" long. **9c**
Your Cost **9c**
K17028—4" long. **12c**
Your Cost **12c**
K17029—6" long. **15c**
Your Cost **15c**

Stand-Off Insulators



Made of white glazed porcelain. Furnished with all hardware. Screw and jack types.

K16745—No. 20. $1\frac{1}{8}$ " H. **8c**
Your Cost Each **8c**
K16744—No. 20J. Same as above, with jack top. **10c**
Your Cost Each **10c**
K16746—No. 22. 1" H. **5 1/2c**
Your Cost Each **5 1/2c**
K16748—No. 22J. Same as above, with jack top. **7 1/2c**
Your Cost Each **7 1/2c**
K16747—No. 24. $\frac{3}{8}$ " H. **4 1/2c**
Your Cost Each **4 1/2c**

Metal Base Stand-Offs

Cadmium plated drawn steel bases. White glazed porcelain. No. 65, "beehive" type, has 10-32 hardware. Nos. 66 and 67 have $\frac{1}{2}$ -20 hardware.

K17024—No. 65. $1\frac{3}{8}$ " H. **12c**
Your Cost Each **12c**
K17025—No. 66. $2\frac{3}{8}$ " H. **21c**
Your Cost Each **21c**
K17026—No. 67. $4\frac{1}{2}$ " H. **32c**
Your Cost Each **32c**

AMPHENOL "912B" Polystyrene Insulators

Made from Amphenol "912-B", they are ideal for all ultra-high frequency and high voltage applications. Transparent, extremely strong; will not break when dropped. Do not absorb moisture.

Twisted Strain Insulators

Twisted to form a long leakage path.

Stock No.	Dimensions	Each
K11800	$\frac{1}{4}$ " x $\frac{3}{4}$ " x 4"	\$0.35
K11801	$\frac{3}{8}$ " x $\frac{3}{4}$ " x 6"	.41
K11802	$\frac{3}{8}$ " x $\frac{3}{4}$ " x 8"	.53
K11803	$\frac{1}{2}$ " x $1\frac{1}{4}$ " x 12"	2.35

Round & Twisted Stand-Offs



Type "A" has insulation $\frac{1}{2}$ " in dia. "B" has insulation $\frac{3}{4}$ " in dia., with brass insert in top. Type "C" is similar to "B", excepted twisted for long leakage path.

Stock No.	Type	Length	Each
K11804	"A"	$1\frac{3}{8}$ "	65c
K11805	"B"	$2\frac{3}{8}$ "	71c

Lth.	Type "B"	Es.	Type "C"	Es.
$2\frac{1}{4}$ "	K11806	\$0.88	K11809	\$1.18
$4\frac{1}{8}$ "	K11807	1.18	K11810	1.47
6"	K11808	1.47	K11811	1.76

Feed Thru Insulators

For feeding RF or high voltage through metal chassis or panel, or base alone can be used as bushing. End of stand-off has brass insert which accommodates standard banana plug or screw.

K11812—Complete. **\$1.18**
Each **\$1.18**
K11813—Base only. **Each** **.44c**

Spreaders



For open wire transmission lines, etc. Twisted for long leakage path. Type "A" permits insertion any place along line after installation. "B", wires must be fed thru insulator.

Lth.	Type "A"	Es.	Type "B"	Es.
2"	K11814	29c	K11817	24c
4"	K11815	41c	K11818	35c
6"	K11816	53c	K11819	47c

PYREX Double Lead-Ins



Diameter $2\frac{1}{2}$ ". With brass rod, 4 brass jam nuts, 2 brass washers, 2 rubber washers and 2 rubber gaskets. Unaffected by temperature or extreme moisture conditions.

K16813—15" rod. **\$1.59**
Each **\$1.59**
K16814—20" rod. **Your Cost** **\$1.69**
Each **\$1.69**

Pyrex Stand-Offs

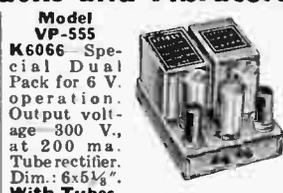
Are absolutely non-hygroscopic. Unaffected by temperature changes. Oval base size $3\frac{1}{2}$ " x $1\frac{3}{8}$ ". Diameter of glass $1\frac{1}{4}$ ". Have flash-over value when dry of 21.5 and 56 kv. respectively. Shpg. wt. 2 lbs.

K16808—3" high. **Your Cost Each** **\$1.59**
K16809—7" high. **Your Cost Each** **\$1.79**

MALLORY Vibrapacks and Vibrators



Flexible, heavy-duty vibrator power supplies designed to provide the most dependable and low cost method of obtaining "B" voltage from storage batteries. Specially designed for supplying high voltage d.c. for amplifiers, receivers and transmitters in cars, boats, etc. Features include: flexibility provided by four output voltages in 25-volt steps; high efficiency; compact. Tube type required where "B" minus cannot be at ground potential. Shpg. wt. 10 lbs.



Model VP-555
K6066—Special Dual Pack for 6 V. operation. Output voltage—800 V., at 200 ma. Tube rectifier. Dim.: 6x5 $\frac{1}{4}$ ". **With Tubes.** **Your Cost** **\$22.05**
K6092—VP-G556. Self-rectified. For use with 12-volt storage battery. Output voltages: 225-250-275-300 at 100 ma. **\$11.76**
Your Cost **\$11.76**
K6067—VP-557. Special Dual Pack, 6 V. operation. Output 400 volts, 150 ma. Dim.: 6x5 $\frac{1}{4}$ ". **With Tubes.** **Your Cost** **\$22.05**
K6068—VP-F568. Same as 553, 554, etc., but for 32 V. D.C. operation. **With Tube.** **Your Cost** **\$11.76**

Replacement Vibrators

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

*—Two required.

Vibrapack Control Relay

Eliminates long leads. Operates from 6 V. D.C. Coil resistance 120 ohms. Contacts rated at 10 amps., max., at 6 volts. **K6061**—Your Cost **\$50c**

BIRNBACH

Stand-off Insulators

Made of white, brilliantly glazed porcelain, for maximum insulation. Ideal for mounting condensers, coils, tube sockets and other high frequency apparatus. Complete with nickel-plated brass hardware.

Stock No.	Ht.	B. Dia.	Thread	Each
K17001	$1\frac{1}{2}$ "	$\frac{3}{8}$ "	6-32	6c
K17002	1"	$\frac{1}{2}$ "	8-32	9c
K17003	$1\frac{1}{2}$ "	$\frac{1}{2}$ "	10-32	12c
K17004	$2\frac{3}{4}$ "	$1\frac{1}{8}$ "	$\frac{1}{4}$ -20	15c
K16998	1"	$\frac{1}{2}$ "	Jack*	12c
K16999	$1\frac{1}{2}$ "	$\frac{3}{8}$ "	Jack*	15c
K17000	$2\frac{3}{4}$ "	$1\frac{1}{4}$ "	Jack*	29c

*Standard banana jacks; on tap.

Transmitter Lead-In Insulators



Each $2\frac{3}{4}$ " high, of vitrified glazed porcelain. K17039 and K17040 have porcelain insulating bushing to insulate threaded lead-in rod. Complete with nickel-plated brass hardware and lead and cork washers to make watertight seals.

Stock No.	Rod Lgth.	Shpg. Wt.	Your Cost
K17037	10"	2 lbs.	53c
K17038	15"	3 lbs.	59c
K17039	10"	2 lbs.	70c
K17040	15"	3 lbs.	88c

X'mitting Plugs & Jacks



Improved, heavy duty type. Positive grip contacts. Heavy insulated threaded heads and handles. For x'mitters or diathermy work. Hardware furnished with jack.

PLUGS:	Each
K12870 —Black & Red	15c
K12871 —Black	15c

JACKS:	Each
K12872 —Black & Red	35c
K12873 —Black	35c

Selected

TECHNICAL BOOKS

for the **AMATEUR**

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 1/4")
K19995—Your Cost 50¢

Short-Wave Beginner's Book



Presents all the information needed to get the most out of short-wave reception. Covers construction, S-W aeriels, winding of coils and kinks.

K19921—Your Cost 25¢

10 Most Popular Short-Wave Receivers

How to Make and Work Them
 Every set described has actually been built and tested by the editors of SHORT-WAVE CRAFT magazine. Shpg. wt. 2 lbs.

K19922—Your Cost 25¢

101 Most Popular Short-Wave Hookups

Everything from a 1- to a 10-tube receiver. These circuits have proved themselves in the laboratory and in the homes of numerous builders.

K19986—Your Cost 38¢

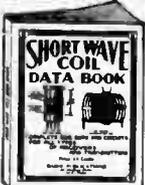
How to Get Best Short-Wave Reception

With the knowledge contained in this book, every S-W listener can pull in more of those elusive DX stations. Tells how to tune and when to listen—how to identify stations—seasonal changes in reception—how to get veris, etc.

K19910—Your Cost 38¢

S-W Coil Data Book

How to make your own short-wave coils. Method of computing wire size, turns, forms, spacing. No duplication. Easy to understand.



K19985—Your Cost 25¢

How to Become an Amateur Radio Operator

72 large pages chock full of amateur radio theory, construction and regulations.

K19923—Your Cost 35¢

How to Build and Operate Short-Wave Receivers

Complete and up-to-date S-W data on set construction and operation. 72 pages.

K19915—Your Cost 35¢

"Communication Engineering"—Everitt

Deals with problems confronting telephone and radio engineers. Explains unilateral and bilateral networks, in connection with telephone and radio circuits. 727 pages, 6x9", 411 illustrations. Shpg. wt. 4 lbs.

K19720—Your Cost \$4.90

A.R.R.L. Publications

Radio Amateur's Handbook

The recognized authority on all technical problems involving short-wave receivers, transmitters, theory and practice. **Latest 1939 edition.** 560 pages crammed with information, diagrams, operating instructions, u.h.f., "Q" signals, etc. Shpg. wt. 3 lbs.

K19949—Your Cost \$1.00

EDICION ESPECIAL ESPANOLA

K19931—Same as above, in Spanish. \$1.50

Your Cost



How to Become a Radio Amateur



A thorough, easy-to-read booklet covering the subject of entering the amateur ranks. Explains the amateur radio hobby, elementary theory, constructional data, and even how to build a complete, simple and inexpensive amateur radio station. Of course, the "code", laws and regulations as well as operating procedure are all included. **Latest 7th Edition.** Published by the A.R.R.L.

K19935—Your Cost 25¢

The Radio Amateur's License Manual

How to get your licenses, made easy. Includes complete questions and answers for Class A, B and C examinations. **Latest (10th) edition.** 40 pages.

K19940—Your Cost 25¢

New!! A.R.R.L. Antenna Book

A comprehensive manual of amateur antenna design and construction. Contains 16 full chapters, profusely illustrated. Includes theory and practical data on all types. **Over 100 pages.**

K19721—Your Cost 50¢

Hints and Kinks

Volume Two. A collection of the selected practical money-saving ideas of 236 experimenters. 128 pages; numerous diagrams and illustrations.

K19981—Your Cost 50¢

Building An Amateur Radiophone X'mitter

Introduction to ham lone work. Describes inexpensive low-power rig and operation of station.

K19952—Your Cost 25¢

A.R.R.L. Log Book

The law requires that amateurs maintain a log. This one is spiral bound, has 39 log pages, 39 note pages, "Q" signals, graph paper, message number sheet. Arranged and lined up to make log-keeping simple. 3 for \$1.00.

K19946—Your Cost 35¢

A.R.R.L. Radio Map

Made by Rand-McNally in 6 colors on heavy paper, 30x40". Gives time zones, WAC, countries, districts prefixes, etc. A handsome and necessary addition to the "ham" shack.

K19945—Your Cost \$1.25

A.R.R.L. Lightning Calculators

K20012—TYPE A—Solves problems of frequency, inductance, capacity, coils, condensers.

K20013—TYPE B—For problems involving current, voltage, resistance, power.

Either Type Above, \$1.00

Your Cost Each

K20034—TYPE C—For computation on all wire.

K20035—TYPE D—For decibel computations.

K20036—TYPE E—Solves parallel resistor and series condenser problems.

K20037—TYPE F—Any voltmeter becomes a 1-ohm to 1-megohm ohmmeter with this one.

Types C, D, E and F—Your Cost Each 50¢



RADIO PUBLICATIONS



"Radio" Handbook

Very Latest Edition. Beyond a doubt the finest handbook on short-wave receivers, transmitters, aeriels, television, medical radio-therapy, theory, elementary electricity. 592 pages; hundreds of illustrations, diagrams, charts, tables, etc.

K19999—Your Cost \$1.50

EDICION ESPECIAL ESPANOLA

K19988—The above, in Spanish. \$1.50

Your Cost

Telephony Handbook

Covers entire field of amateur radio-telephony: Theory, design, construction and operation. Gives Class A license information. Contains 100 pages, coated paper; almost 200 illustrations. Heavy cover. Contains data found in no other Jones book. It's really NEW!

K20006—Your Cost 75¢

Antenna Handbook

Complete antenna book, 100 pages. Directional "beams" included.

K19947—Your Cost 75¢

Noise Reduction Handbook

Tells how to stop or reduce all radio "noise" except static.

K19989—Your Cost 35¢

RADIO AMATEUR CALL BOOK

Fall and Winter Edition



The only publication listing all amateurs throughout the world. Contains complete lists of S-W stations, international abbreviations, "Q" readability, "R" audibility, "T" tone systems; S-W press and weather schedules; international prefixes and numerous other data. Lists 50,000 stations. 8 1/4 x 11 1/4".

K19936—Your Cost \$1.25

Radio Operating Questions and Answers

By Nilson and Hornung. **Latest edition.** Has 447 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. Heavy cloth binding, 8 1/2 x 5 1/2". Shpg. wt. 2 lbs.

K19943—Your Cost \$2.45

Your Cost

RCA Transmitting Tube Manual



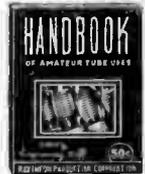
Complete collection of transmitting tube information. 109 pages of tube data, 11 pages of transmitter circuits, 44 pages of technical dope. 172 pages.

K19992—Your Cost 25¢

Quantity discounts for schools.

RAYTHEON Handbook of Amateur Radio Tubes

65 pages crammed full of useful information and technical data on the use of amateur tubes. Diagrams and color scale included.



K19889—Your Cost per Copy 50¢

THORDARSON Transmitter Guide

Latest 1939 issue. Fundamental circuit, grid bias systems, modulation, etc. Presents 11 transmitters from a x'tal controlled portable to a 1000-watt. Plenty of graphs, tables, charts, etc. 48 pages.

K20024—Your Cost 9¢

How To Pass Radio License Exams

A simple, practical, up-to-date book by **Charles E. Drew**, for all who want government radio operator's licenses of all types. 201 pages. 6 1/2 x 9 1/4".

K19956—Your Cost \$1.96

SPS Amateur Log Book

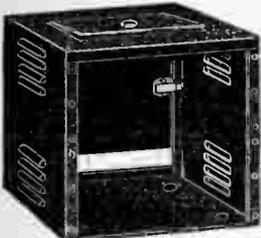
New, pocket-size Amateur Radiophone and CW station log book. Contains 50 pages, ruled and printed to enable the operator to list all pertinent data, and as many as 14 QSO's per page. Spiral bound. Size 6x8 1/4", with stiff cardboard covers.

K19722—Your Cost 25¢

NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE

RACKS · PANELS · CABINETS

STEEL CABINETS FOR RACK PANELS



Standard Models

Constructed of 1/8" steel, with black ripple finish. Takes Amateur or W.E. drilled 19" rack panels. Rigid spot-welded joints; ventilation louvres; latch covers. All models take 13" chassis.

K22194—Cabinet for single 8 3/4" x 19" panel. Door in top. 8 3/4" high, 13 1/2" deep. Wt. 20 lbs. **\$4.70**
Your Cost

K22070—Cabinet for single 12 1/4" x 19" panel. Door in top. 12 1/4" high, 13 1/2" deep. Wt. 27 lbs.
Your Cost **\$5.88**

K22193—Cabinet for two 8 3/4" x 19" panels. Top and rear doors. 17 1/2" high, 13 1/2" deep. Shpg. wt. 34 lbs.
Your Cost **\$8.75**

K22192—Cabinet for three 8 3/4" x 19" panels. Door on rear panel. 26 1/4" high, 13 1/2" deep. Shpg. wt. 47 lbs.
Your Cost **\$9.40**

K22190—Cabinet for four 8 3/4" x 19" panels. Door on rear panel. 35" high, 13 1/2" deep. Shpg. wt. 56 lbs.
Your Cost **\$11.10**

De Luxe Models

Of 1/8" cold-rolled steel; rigid electrically welded joints. Rounded front corners, chrome trim; ventilation louvres, latch covers. For 13" chassis. Black ripple finish.

K22188—Cabinet for single 8 3/4" x 19" panel. Door in top. 10 1/2" x 21 x 13 1/2". Wt. 22 lbs. **\$7.35**
Your Cost

K22071—Cabinet for single 12 1/4" x 19" panel. Door in top. 14 x 21 x 13 1/2". Wt. 24 lbs. **\$8.75**
Your Cost

K22191—Cabinet for two 8 3/4" x 19" panels. Top and rear doors. 19 1/4" x 21 x 13 1/2". Wt. 34 lbs.
Your Cost **\$11.60**

K22198—Cabinet for three 8 3/4" x 19" panels. Door on rear panel. 28 x 21 x 13 1/2". Wt. 69 lbs.
Your Cost **\$12.90**

K22199—Cabinet for four 8 3/4" x 19" panels. Door on rear panel. 36 3/4" x 21 x 13 1/2". Wt. 73 lbs.
Your Cost **\$14.50**

Hinged Steel Cabinets

Employ full piano-hinged doors, and removable front panels. Modern grille type ventilation provided at the sides and back. Front top corner is rounded. Finished in black ripple enamel. All Less Bases. Wts.: 5, 7, 9, 11, 13, 15 lbs.

No.	H. L. D.	For Chassis	Each
K22072	7 1/4" x 10 1/2" x 6"	5 1/2" x 9 1/2" x 1 1/2"	\$1.60
K22073	7 1/4" x 8" x 8"	7 x 7 x 2"	1.65
K22074	7 1/4" x 10" x 8"	7 x 9 x 2"	1.85
K22075	7 1/4" x 14" x 8"	7 x 13 x 2"	2.10
K22076	9 x 15 x 10 3/4"	10 x 14 x 3"	3.20
K22077	12 x 18 x 12"	10 x 17 x 3"	3.80

De-Luxe Hinged Steel Cabinets

Attractive streamlined cabinets, with full length piano hinge and removable front panel. Ventilating louvres on sides. Finished in slate gray ripple enamel.

All less chassis. Wts. same as above.

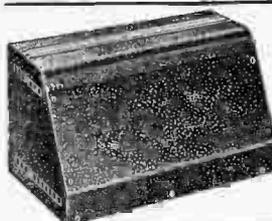
No.	H. L. D.	Panel For Chassis	Each
K22087	8 x 10 x 8"	8 x 8" 7 x 7 x 2"	\$2.05
K22088	8 x 12 x 8"	8 x 10" 7 x 9 x 2"	2.20
K22089	8 x 16 x 8"	8 x 14" 7 x 13 x 2"	2.79
K22090	9 x 17 x 11"	9 x 15" 10 x 14 x 3"	4.40
K22091	12 x 20 x 12"	12 x 18" 10 x 17 x 3"	5.25



Sloping Front Cabinets

Trimmed with red-stripped chrome moulding, with slate gray ripple finish. Front panel removable. Rear with openings for ventilation, leads, etc. Less chassis.

Stock No.	H. W. D.	For Chassis	Your Cost
K22092	8 x 8 x 8"	7 x 7 x 2"	\$2.35
K22093	8 x 10 x 8"	7 x 9 x 2"	2.50
K22094	8 x 14 x 8"	7 x 13 x 2"	2.75
K22095	9 x 18 x 8"	7 x 17 x 3"	3.80
K22096	12 x 18 x 12"	10 x 17 x 3"	4.70



Steel Channel Racks

Built of 1/2" steel with spot-welded corners. Finished in ripple black. Designed for use with standard 19" long panels and are drilled for both Amateur and W. E. panel hole spacing. 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.

K22150	73 1/4" high	Wt. 85 lbs.	Panel space 7 1/4"	\$10.70
Your Cost				
K22151	38 1/2" high	Wt. 57 lbs.	Panel space 3 3/4"	\$8.70
Your Cost				



Enclosed Steel Racks

DeLuxe type, streamlined. Drilled for both Amateur and W. E. panels. Stainless steel molding trimming at top and bottom. Finished in slate gray. (Black ripple available, specify on order). Panel width 19". Models are 22 1/2" wide, 16 1/2" deep. Hinged back. Shipped knocked down, with all hardware.



K22145	42" high	36 1/4" panel space	Wt. 100 lbs	\$23.50
Your Cost				
K22146	66 1/2" high	61 1/4" panel space	Wt. 150 lbs	\$30.85
Your Cost				

Table Racks

1 1/2" steel with black ripple finish. Mounting holes on 1 3/4" centers, tapped for 10-32 screws. Both 20" wide and 12" deep. **K22102**—25" high. Panel space 21 x 19"



Shpg. wt. 33 lbs. **\$3.67**
Each
K22103—32" high. Panel space 28 x 19". Shpg. wt. 36 lbs. **\$4.85**
Your Cost

Standard Speaker Cabinets

Substantially made from sheet steel, with louvred back cover with slots for wall hanging. Finished in black ripple enamel.

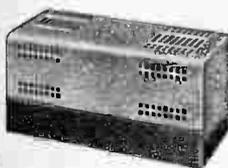


No.	Spkr.	Cabinet	Wt.	Each
K22140	8"	10 x 10 x 6"	8 lbs.	\$2.20
K22141	8"	12 x 12 x 7"	9 lbs.	2.70
K22142	10"	14 x 14 x 8"	15 lbs.	3.53
K22143	12"	16 x 16 x 8"	20 lbs.	4.70

Amplifier Foundation Chassis

Standard

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 attractive effect. Chassis are drilled for bottom plates, not supplied.



Stock No. Size Shpg. Wt. Your Cost

K22132	5 x 10 x 3"	9 lbs.	\$1.50
K22133	6 x 14 x 3"	10 lbs.	1.75
K22135	7 x 17 x 3"	11 lbs.	2.20
K22136	10 x 12 x 3"	11 lbs.	2.20
K22137	10 x 17 x 3"	13 lbs.	2.65

Deluxe Amplifier Chassis

Professional type amplifier chassis and covers. Chassis is of one-piece cold-rolled steel, with reinforced corners. Finished in ripple black; cover in slate gray with polished chromium molding and red striped chromium handles. All covers 6" deep. Chassis drilled for bottom covers (not supplied).



Stock No. Size Shpg. Wt. Each

K22183	5 x 10 x 3"	9 lbs.	\$2.35
K22184	6 x 14 x 3"	10 lbs.	2.79
K22185	7 x 17 x 3"	11 lbs.	3.23
K22186	10 x 12 x 3"	11 lbs.	3.23
K22187	10 x 17 x 3"	13 lbs.	3.82

Streamlined De Luxe

Foundation Chassis

Ultra-modern amplifier chassis, with sloping front panel. Grey ripple finish, with red striped chrometrimmings and handles. Front is removable and protrudes 3" from removable cover. With bottom plate.



Stock No.	Chassis Size	Screen Cover	Shpg. Wt.	Your Cost
K22270	10 x 12 x 3"	6 1/2" high	12 lbs.	\$4.40
K22271	10 x 17 x 3"	6 1/2" high	14 lbs.	5.10
K22272	13 x 17 x 3"	6 1/2" high	18 lbs.	5.70

RACKS · PANELS · CABINETS

Blank Steel Chassis



Substantially constructed for heavy duty use. Formed from one piece of 1/16" steel, with all corners and bottoms reinforced. All furnished with bottom cover plates and all mounting screws. Ends are drilled to fit standard mounting brackets (listed below at left). Black Ripple finish.

Stock No.	Dimen. W. L. D.	Shpg. Wt.	Your Cost	Stock No.	Dimen. W. L. D.	Shpg. Wt.	Your Cost
K22155	8x17x2"	9 lbs.	\$1.59	K22156	11x17x3"	12 lbs.	\$1.91
K22229	8x17x3"	10 lbs.	1.76	K22230	13x17x2"	13 lbs.	2.06
K22231	11x17x2"	11 lbs.	1.76	K22232	13x17x3"	14 lbs.	2.25

Cadmium Plated Chassis

K22109	8x17x2"	14 lbs.	\$1.59	K22298	11x17x3"	20 lbs.	\$1.91
K22110	8x17x3"	15 lbs.	1.76	K22111	13x17x2"	21 lbs.	2.06
K22219	11x17x2"	19 lbs.	1.76	K22112	13x17x3"	22 lbs.	2.25

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"	\$0.52
K15272	11"	.75
K15269	13"	.95

Combination Bracket and Panel



These units have many uses in relay rack assemblies. Heavy steel, with black ripple finish. Each assembly will take either 2", 2 1/2" or 3" deep chassis. Will make up a sturdy professional looking assembly. Chassis are not included (see listing above).

Stock No.	Panel Size	For Chassis	Shpg. Wt.	Your Cost
K22235	8 1/2" x 19"	8x17"	12 lbs.	\$1.45
K22234	8 1/2" x 19"	11x17"	14 lbs.	1.70
K22236	12 1/2" x 19"	13x17"	16 lbs.	2.20

Meter Panels



Of steel, with ripple black finish. All 5 1/4" high, 19" long.

Stock No.	Holes	Size	Wt.	Each
K22222	3	2"	7 lbs.	\$0.95
K22223	5	2"	6 lbs.	1.38
K22224	3	3"	7 lbs.	.95
K22225	5	3"	6 lbs.	1.44

General Utility Steel Cabinets

Can be used for a multitude of purposes. They are substantially made of sheet steel, with spot-welded reinforced corners. The tops and bottoms are removable, held in place by self-tapping screws that are furnished. In black ripple.



Stock No.	Dimen. Inches	Shpg. Wt.	Your Cost
K22174	5 1/2 x 6 x 5 1/2"	3 lbs.	\$0.68
K22175	6 x 9 x 6	5 lbs.	1.03
K22173	8 x 10 x 7	6 lbs.	1.29
K22176	8 x 10 x 10	7 lbs.	1.59
K22177	11 x 12 x 8	9 lbs.	1.76

Portable Cabinets

Made of sheet steel, reinforced on all edges, securely welded at all joints. Front and back panels removable, held by self-tapping screws that are supplied. Black ripple finish. With carrying handle for portable work.

Stock No.	Dimensions	Shpg. Wt.	Your Cost
K22078	12x7 1/2 x 6 1/2"	9	\$1.55
K22079	15x7 1/2 x 6 1/2"	11	1.90

Chassis for Above

Chassis for above, 6 1/2 x 6 1/2 x 1 1/2". Ideal for mounting transceivers, portable test equipments, etc. Shpg. wt. 3 lbs.

K22085
Your Cost **28c**

GRAY and BLACK Finished Steel Panels



Another step forward by Lafayette. Something new—something different. In addition to the black ripple finished steel panels, we now make available for the first time panels finished in commercial ripple slate gray—vy 1b OM. These panels don't collect dust and they don't show finger marks.

You can make your rig look like a "million bucks," whether it's a 5-watt or a kilowatt. All are sturdily constructed of 1/8" steel and there are 12 standard sizes to fill practically every requirement.

Note: All other equipment listed on this and the previous page (racks, cabinets, speaker cases, etc.) can be supplied in the new commercial ripple slate gray finish, on special order at 15% above listed price. Shipment of all such orders, however, will be subject to a delay.

Stock Number	Gray	Width	Wt.	Your Cost	Stock Number	Gray	Width	Wt.	Your Cost
K22169	K22118	1 1/2"	2	\$0.43	K22163	K22124	12 1/2"	12	\$1.15
K22170	K22119	3 1/2"	5	.50	K22164	K22125	14	13	1.35
K22171	K22120	5 1/2"	7	.62	K22165	K22126	15 1/2"	14	1.50
K22160	K22121	7	8	.67	K22166	K22127	17 1/2"	15	1.70
K22161	K22122	8 1/2"	9	.82	K22167	K22128	19 1/2"	16	1.82
K22162	K22123	10 1/2"	10	1.00	K22168	K22129	21	17	2.00

Black Ripple Aluminum Panels

For the OM who desires aluminum panels in place of steel, Lafayette has made these units available in black ripple finish only. All of 1/8" aluminum, 19" long.

Stock No.	Width	Wt., Lbs.	Your Cost	Stock No.	Width	Wt., Lbs.	Your Cost
K22200	1 1/2"	1	\$0.88	K22206	12 1/2"	4	\$3.35
K22201	3 1/2"	1	1.23	K22207	15 1/2"	5	4.25
K22202	5 1/2"	2	1.55	K22208	17 1/2"	5	4.55
K22203	7	2	1.85	K22209	19 1/2"	6	5.15
K22204	8 1/2"	3	2.23	K22210	21	7	6.00
K22205	10 1/2"	3	2.85				

Steel Screws and Washers

10/32 oval head screws. The cup washer, also, 10/32, is designed to match the screw head in appearance. Nickel-plated.

Stock No.	Length	12 For
K14775	1/2"	4c
K14776	1"	6c
K14777	Cup washer	6c

Your Cost for 12

Steel Angle Brackets

With Tapped Holes
Heavy gauge steel, cadmium plated. One 8-32 tapped hole, one 5-32 plain hole. In three popular sizes.

Stock No.	Size	10 for	Each
K14909	1/2 x 1/2"	16c	2c
K14910	3/4 x 3/4"	16c	2c
K14911	1 x 1"	23c	3c

Radio Panels for All Uses

Black hard rubber and Bakelite panels, 3/16" thick—odd sizes cut to order at 1 1/4" per square inch. Aluminum and electroalloy panels, 1/16" thick—odd sizes cut to order at 1c per square inch. 75c minimum order.

Size In.	Bakelite		Hard Rubber		Aluminum		Electroalloy	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
7x10	K19600	\$0.78	K19630	\$0.69	K19660	\$0.39	K22310	\$0.40
7x12	K19601	.99	K19631	.82	K19661	.49	K22311	.45
7x14	K19602	1.14	K19632	.98	K19662	.58	K22312	.53
7x18	K19603	1.39	K19633	1.22	K19664	.78	K22314	.65
7x21	K19604	1.58	K19634	1.42	K19665	.83	K22315	.78
7x24	K19605	1.84	K19635	1.58	K19666	.94	K22316	.89
7x30	K19608	2.24	K19638	1.98			K22317	1.10

MASONITE Radio and Relay Rack Panels

Tempered Masonite, non-magnetic, sturdy yet easily worked with ordinary wood-working tools. All panels 3/8" thick, finished in Black Ripple. Relay Rack panels

have amateur Standard notching. Sizes listed below, only.

Stock No.	Radio Panels	Ea.	Stock No.	Rack Panels	Ea.
K22280	7x10"	32c	K22284	8 1/2 x 19"	73c
K22281	7x12"	38c	K22285	10 1/2 x 19"	85c
K22282	7x14"	44c	K22286	12 1/2 x 19"	97c
K22283	7x18"	59c			

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	4x1x2"	1 lb.	\$0.52
K22179	4x5x3"	2 lbs.	.59
K22180	6x6x6"	3 lbs.	.68
K22181	12x7x6"	5 lbs.	1.38
K22182	15x9x7"	10 lbs.	1.90

19" Grille Panels

Door panels have 15 1/2" L. doors. Grille on plain panels 14 3/8" L.

Door	Grille	Door	Panel	Grille	Grille	Each	
Gray	Black	Ht.	Size	Gray	Black	Ht.	
K22287	K22289	6"	10 1/2"	K22291	K22294	8 1/2"	\$2.50
K22288	K22290	7 1/2"	10 1/2"	K22292	K22295	5 7/8"	2.20
			12 1/2"	K22293	K22296	7 7/8"	2.65

ICA Metal Cabinets With Sloping Panels

Front and rear panels removable. Finished in black ripple. Less chassis.

Stock No.	W. D. H.	Each
K22273	7x7x6 1/2"	\$1.90
K22274	9x7x6 1/2"	2.20
K22275	11x7x6 1/2"	2.50

Blank Chassis

Ternplate is steel lead plated. Electroalloy is a non-magnetic zinc alloy. All have reinforced spot-welded corners.

No.	L. W. H.	Wt.	Each
K22325	7x9x2	3 lbs.	\$0.40
K22326	7x11x2	3 lbs.	.45
K22327	7x13x2	4 lbs.	.50
K22328	10x12x3	5 lbs.	.52
K22329	10x17x3	6 lbs.	.72
K22330	10x23x3	7 lbs.	.82

Electroalloy Blank Chassis

K22331	7x9x2	3 lbs.	.76
K22332	7x11x2	3 lbs.	.93
K22333	7x13x2	4 lbs.	1.05
K22334	10x12x3	5 lbs.	1.12
K22335	10x17x3	6 lbs.	1.45
K22336	10x23x3	7 lbs.	1.69

Cadmium Plated Steel Chassis

K12807	7x7x2	3 lbs.	.53
K12812	10x12x3	3 1/2 lbs.	.68
K12808	10x14x3	4 lbs.	.81
K12810	10x17x3	5 lbs.	.85
K12811	10x23x3	6 lbs.	1.08
K12809	12x6x2 1/2	6 lbs.	.65



SOLDERING IRONS and ACCESSORIES

ESICO High Quality Soldering Irons



a.c. or d.c. Shpg. wt. each 3 lbs.

- MIDGET—65-Watts**
 3/8" diam. tip. 11 1/4" long.
K14848
Your Cost \$1.03
K14847—Extra tip 18c
- JUNIOR—100 Watts**
 1/2" diam. tip. 12 1/4" long.
K14854
Your Cost \$1.62
K14847—Extra tip 18c
- TROPHY—150-Watts**
 5/8" diam. tip. 12 1/4" long.
K15174
Your Cost \$2.94
K15175—Extra tip 26c

Preferred by technicians everywhere. All sturdily constructed, have high grade elements and are well insulated. Have screw tips. All Models are supplied WITH STAND. Operate on 110 volts

CONSTANT DUTY MODELS

- Plug-tip irons especially designed for use where constant duty is required, such as in radio factories, experimental laboratories, telephone work, etc. For 110 volts a.c. or d.c. Wt. 4 lbs.
- K15190—110-Watts** **\$3.23**
Your Cost 20c
K15217—Extra tip 20c
- K15191—130-Watts** **\$4.55**
Your Cost 38c
K15218—Extra tip 38c

TruTest

DeLuxe Soldering Irons Approved by Underwriter's



The best soldering iron values on the market today. All TruTest DeLuxe irons feature: replaceable elements wound on metal cores, with best grade mica insulation; replaceable, hard drawn copper tips. tinned; one-piece cases finished in gun metal; replaceable, smooth black handle; Underwriter's Approved cord and rubber plugs; cord springs. All models furnished with metal stands. Operate on a.c. or d.c. Wt. 3 lbs.

- K15180—75-Watts, 110/120 volts.** **\$1.32**
Your Cost Each
K15197—75 Watts, 220/250 volts. **\$1.47**
Your Cost
K15182—100-Watt Iron, 110/120 volts. **\$1.91**
Your Cost Each
K15198—100-Watt Iron, 220/250 volts. **\$1.98**
Your Cost
K15184—150-Watt Iron, 110/120 volts. **\$2.94**
Your Cost Each
K15199—150-Watt Iron, 220/250 volts. **\$2.98**

"AMERICAN BEAUTY" IRONS



100-Watt, Model 3138

America's most famous iron. Made for those who want the very best. Metal parts are chrome plated and highly polished. Length 12 1/2". With 3/8" tip and 6 ft. cord. **Stand supplied.** Shpg. wt. 2 lbs.

K15171—Your Cost \$5.85
K15170—Extra tip for above 39c

50-Watt, Model S76
 A smaller "American Beauty" for soldering in corners and tight places. 3/8" tip. **With stand.** Shpg. wt. 2 lbs.

K15172—Your Cost \$3.45
K15173—Extra tip for above 21c

AMERICAN BEAUTY Stand



For 110V. A.C.

Thermostatically controlled stand, 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. Shpg. wt. 3 lbs.
K15169—Stand only **\$3.46**
Your Cost

Compact Pencil-Type Irons



Compact and lightweight. Has insulated handle and cork finger guard. With 6 ft. ap-

proved cord and plug and removable tip. Rated at 26 watts. Shpg. wt. 2 lbs.

K15155—110 V., A.C. or D.C. } **72c Each**
K15156—For 6 V. operation. }

K15154—40 Watt, Heavy-Duty Iron. Operates from 110-120 volts. Constructed as above, but has efficiency of larger irons. **\$1.15**
Your Cost Each

Marvel Soldering Iron



Conservatively rated at 40 watts. Operates on 110 volts a.c. or d.c.

Nickel chrome wire element. Hardwood handle. Overall length 10 1/4", copper tip 2 3/8". With 4-ft. cord and plug. Shpg. wt. 1 lb.

K14873—Your Cost \$2.7c
Per Dozen **\$3.05**

Soldering Iron Tips

Replacement plunger type tips of quality copper.

Stock No.	Iron	Size	Your Cost
K15166	60 w.	3/16 x 2 1/2"	24c
K15167	85 w.	3/8 x 4 1/2"	29c
K15168	115 w.	3/2 x 3 1/4"	27c

ESICO "Special" Iron



This is an excellent iron for those having only occasional use for a soldering iron. Heating element is of nichrome wire. Heats up in surprisingly short time. Handle of cherry wood. Blued steel shank. Consumes 55 watts. Shpg. wt. 3 lbs.

K14846—With 1 Tip **Your Cost \$6.5c**
K14849—With 2 Tips **Your Cost \$7.5c**

ESICO Thermostatic Control Stand

Use of this unit makes it impossible to overheat iron or burn off its tin. Iron can be maintained at any desired temperature while in stand. When removed from control, full current is instantly applied to iron. Saves on current. Sturdy construction. For irons with up to 1" diam. tips.

K14885—Wt. 3 lbs. **\$3.82**
Your Cost—Stand Only



TruTest "Special" Irons



Sturdily constructed. Resistance wire elements wound on porcelain tubes. 60-watt iron furnished with one 3/8" and one 5/8" screw-on tips; 75-watt iron with one 5/8" screw-on tip; 100-watt iron with one 3/4" plunger-tip. All with 5-ft. attachment cord and plug.

K14892—60-Watt Iron **\$9c**
Your Cost, with 2 tips
K14894—75-Watt Iron 85c
K14893—100-Watt Iron 95c

"HOTSPOT" Approved Irons



An excellently constructed, fully Underwriters approved, line of soldering irons at extremely low prices. Construction features include: heating element wound with two layers of Chromel "A" wire with compression winding of steel wire overall; two-piece bakelite handle; terminal connections in handle (molded in) with brass inserts and strain relief. All with plunger tips. With 5 1/2-foot asbestos heater type cord.

85-WATTS. 3/8" tip. Wt. 2 lbs. **\$2.35**
K14839—Your Cost
100-WATTS. 1/2" tip. Wt. 2 lbs. **\$2.65**
K14840—Your Cost
150-WATTS. 1/2" tip. Wt. 2 lbs. **\$3.23**
K14841—Your Cost

JACKSON Irons Midget Model. 55-Watts

This is a full size soldering iron. 11" in length. Black enamel handle and gunmetal finish case. Plunger tip 1/8" in dia. 55 watt iron. Shpg. wt. 2 lbs.

K14850—List \$1.25. **Your Cost \$6.5c**



Heavy Duty Irons

75 & 100 Watts
 Extra heavy duty irons designed especially for industrial or shop use. Heating element and all parts renewable. Screw-in tip. Gun metal finish. Shpg. wt. 2 lbs.

75 watt iron. 3/8" tip **\$1.65**
K14874—Your Cost
100 watt iron. 1/2" tip **\$2.20**
K14853—Your Cost



Adjustable Tip Irons

Supplied with adjustable copper tips with set screws. 6 ft. Cord and removable black handle.

K15176—75-watt iron. 3/8" copper plunger tip. Shpg. wt. 12 oz. **\$1.76**
Your Cost
K15177—100-watt iron. 3/8" copper plunger tip. Shpg. wt. 16 oz. **\$2.40**
Your Cost
K15178—150-watt iron. 1/2" copper plunger tip. Shpg. wt. 20 oz. **\$3.80**
Your Cost



DRAKE Compact Iron

Smallest industrial iron, made for tight corners and delicate instrument wiring. Measures 9" and weighs only 9 oz. Employs high grade 60 W. element, with 1/4" tip. Supplied complete with 6 ft. cord, rubber plug and Magic Cup soldering stand. Underwriter's Approved.

K14835—Shpg. wt. 1 lb. **\$2.35**
Your Cost Each



DRAKE Electric Pot

For light tinning purposes. Size of pot—1 1/2" in dia., 1" deep. Replaceable element, 150 watts. Complete with cord and plug. Approved. Shpg. wt. 3 lbs.

K14836— **\$2.65**
Each
K14837—Replacement Element. Each 59c



NOTE: We can quote special prices on quantity orders, placed by Industrials, Schools, Laboratories, etc.

SERVICE & HOME WORKSHOP Necessities

NOKORODE Core Solder



Made of virgin tin and lead. Superior paste used for flux.

No. 10 gauge. App. 1 1/2 ozs. **K14882—Your Cost 8¢**

"Magic Cup" Stand



Insert iron tip into Magic Cup, twist, and oxide disappears. Made of rust resisting metal. Curved to prevent iron rolling off.

K14880—Shpg. wt. 1 lb. Your Cost 29¢

Plain Stand

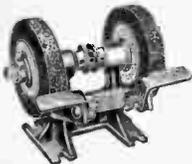
Same as above, but less Magic Cup. 7" long. **K15219—Your Cost 15¢**

Iron Stand and Holder



Lined with circular, heat-radiating springs. Servicemen can pack their irons without waiting for them to cool. Also acts as stand for iron. Iron nests in holder. **K15231—Wt. 3 lbs. Each 67¢**

Double Grinder



Standard 4" grinding and polishing head, equipped with 4x3/4" vitrified grinding wheels; one fine and one coarse. Has adjustable tool rests, 1/2" threaded spindle and 1" steel pulley for 3/8" V-belt. Shpg. wt. 6 lbs. **K14739—Your Cost \$1.55**

Cabinet Repair Kit



For plastic and bakelite cabinets as well as wood ones. Has 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. Shpg. wt. 3 lbs. **K15521—Your Cost \$1.91**

Cabinet Touch-up Kit. Same stains, etc., as above, but less scratch remover, shellac sticks, lamp and spatula. **K15522—Your Cost 35¢**

Shellac Patch Sticks



For repairing cabinets. All are 7" long; in various shades.

K15523—Light Walnut. K15524—Dark Walnut. K15525—Black. K15526—Maple. Your Cost 15¢

KESTER Dependable Radio Solder



Will not spatter. Makes clean joints. Servicemen and other large users will find it more economical to buy their solder this way. Flux in core. The aluminum solder is the flux-filled type and is furnished with cleaning material and instructions.



Per Tin	Rosin Core		Acid Core		Alum. Solder	
	Stock	Cost	Stock	Cost	Stock	Cost
1 lb. Spool	K14857	\$0.17	K14878	\$0.17	K14876	\$0.17
5 lb. Spool	K14858	.60	K14877	.60	K14845	1.93
	K14859	2.80	K14879	2.80		

KESTER Tinning Block



Cleans and tins soldering irons speedily. 1/4 Pound Bar. **K14875—Your Cost 15¢**

Plain Wire Solder



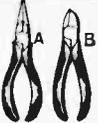
Standard size. 50-50 tin and lead. No flux. **K15286—Bundle. Ea. 17¢**
K15287—1 lb. Spool. Ea. 54¢

KESTER Paste Flux



Non-corrosive. Results in clean, solid connections. In 2 oz. cans. **K15278—Ea. 12¢**

COHARDITE Insulated Tools



Provides lasting and safe service in essential small tools against dangerous high voltages. Insulation is a compound of natural and synthetic gums and resins which are solidly molded on the tools. Cannot peel or crack.

Long Nose Pliers (Bernard)

Made from electric furnace full nickel Chrome Steel. With side cutters. 6 3/4" long. 10,000 V. test. **K14986—Your Cost \$3.43**

Diagonal Pliers (Bernard)

Same high-grade steel as above. Insulated test 10,000 volts. 6 3/4" long. **K14987—Your Cost \$3.62**

Socket Wrenches

Forged and tempered steel blade; hardened socket. Length ea. 6 1/2". 20,000 volt test. **K14988—1/2" size. K14989—3/8" size. Your Cost Each \$1.03**

Screwdrivers

Straight type. Stanley 110+ Quality. Insulation test 10,000 volts. **K14990—6 1/2" long. Each \$0.88**
K14991—9 1/2" long. Each 1.09

Tap, Drill and Die Set



Contains three 1" diameter dies (4-36, 6-32, 8-32) with die stock; three taps (4-36, 6-32, 8-32) and 3 correct size drills for these taps. Tap and drill holder (wrench) also included. All housed in natural mahogany case. Shpg. wt. 3 lbs. **K14994—Your Cost \$1.59**

Taps, Wrench and Drills Only

Three taps (4-36, 6-32, 8-32), three matching drills and tap wrench in wood case. Shpg. wt. 2 lbs. **K14995—Your Cost \$1.05**

SIGNAL Light-Duty Portable Drill



High-quality, for intermittent service. Has air-cooled handle with comfortable grip and built-in power switch. Bearings are bronze, with thrust ball-bearing on spindle shaft. Housing is durable aluminum alloy. A diamond chuck, 3-jaw, with key, for up to 1/2" bits. Overall length 12". With 8 ft. rubber cord. For 110-120 V., DC or AC (25-60 cycles). Shpg. wt. 7 lbs. **K14737—Your Cost \$13.38**

"RAPID" Electroplater



A complete, small, portable electroplating outfit for home or workshop. Simple to operate. Can be used for replating utensils, jewelry, etc. Fine for hams who wish to silverplate wire for transmitting or UHF inductances. Good for auto mechanics, for replating reflectors, nicked fittings, etc. Kit consists of: 1 oz. of plating compound, as listed below; 1 oz. metal polish; 1-anode brush; wires with clips attached; Emery paper; 2-batteries, and battery holder with insulated panel. With complete instructions.

K15356—Plating Outfit, for Cadmium Plating	\$1.28
K15357—Plating Outfit, for Nickel Plating	\$1.28
K15358—Plating Outfit, for Silver Plating	\$1.84

Utility Electroplating Kits

Kits listed are same as above, but do not include batteries or battery holder. Two No. 6 cells are required. **K15359—Nickel. K15360—Copper. Each 75¢**

Utility Chest



Waterproof construction, with rounded corners, recessed handle and spill-proof snap catch. Trim and compact. Finished in baked Moss Green enamel. Dim.: 11 1/2" x 5x3 3/4". Shpg. wt. 3 lbs. **K14869—Your Cost 39¢**

All-Purpose Utility Box



Has automatic tray, with compartments that can be rearranged to suit. Also, 12" embossed rule on cover. Dim.: 13 1/2" x 4 1/2" x 6 1/4". Finished in Moss Green enamel. Shpg. wt. 5 lbs. **K14872—Your Cost 75¢**

"Craftsman" Chest



Cantilever tray pulls into position when box is opened. Contents easily accessible. Made of cold rolled steel with welded flush seams. Finished in hard baked, olive green enamel. Full grip handle. Has embossed rule on cover. Lock and key. Matched hardware. Size 14x6 1/2"x6". **K14871—Shpg. wt. 7 lbs. 98¢**
Your Cost 98¢

4" Table Saw



Excellent for the service or home workshop. Has 6x9" vertically adjustable table, with 2 milled channels for miter and fence, and which tilts up to 45 degrees. Included are: 4" coarse tooth circular saw, maximum cut 3/4"; 1/2" threaded spindle, and a 1" steel pulley for 3/8" V-belt. Shpg. wt. 9 lbs. **K14738—Your Cost \$1.90**

7-in-1 Socket Wrenches



Tightens or loosens nuts, even when 6" or more of bolt extends. Socket wrench carries 7 sizes of sockets: 7/16, 3/8, 1/2, 5/8, 3/4, 1 1/8, and 1 1/4". Pressing spring clip slips socket out and places in position. Swivel handle speeds action on nut. Compact, fits in pocket. **K15079—Your Cost \$3.18**



TOOLS and HARDWARE for

Sheet Metal Hole Punch



Constructed of fine hardened tool steel, consists of two units, punch proper and an anvil for punching holes. Saves time for set builder, experimenter. Cuts a clean hole. Shpg. wt. 2 lbs.

Stock No. Hole Your Cost
 K15291 1/8" \$1.67
 K15292 3/16" \$1.67
 K15288 1/4" \$1.67
 K15289 5/16" \$1.67
 K15293 3/8" \$1.67
 K15294 7/16" \$1.67
 K15295 1/2" \$1.67
 K15290 5/8" \$1.98

New Socket Punch



Simple and speedy tool for punching holes in chassis. No hammering; a few turns of the cap screw quickly punches a clean, smooth hole. Precision made of oil-hardened tool-steel. Shpg. wt. 2 lbs.

Stock No. Dia. Each
 K15244 1/8" \$1.37
 K15245 3/16" \$1.37
 K15246 1/4" \$1.64
 K15247 5/16" \$1.64
 K15248 3/8" \$1.83
 K15249 7/16" \$1.83
 K15250 1/2" \$1.83
 Extra 3/8" Cap Screw 17c

Shearing Punch



Cuts any size odd shape hole (square, rectangular, hexagon, etc.), on any size panel or chassis. A hammer is the only tool necessary. Can be used in a punch press.

Shpg. wt. 5 lbs. \$5.58
 K15067—Your Cost

Rivet and Eyelet Punch



For riveting or eyeletting. Hardened steel tools. Cast iron holder. Hex sides to grip in vise. With rivets and eyelets.

K15045—Your Cost \$1.32

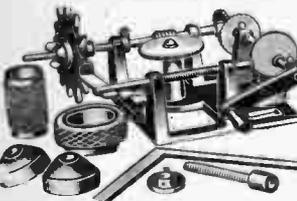
Screw Extractors



For removing broken screws, bolts, etc. Drill hole in broken screw—insert extractor—turn to left and out it comes. Four sizes in kit. Shpg. wt. 2 lbs.

K15279—Your Cost, Per Set \$98c

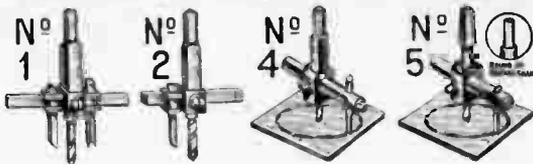
Deluxe Coil Winder



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. Black enamel finish. Complete instructions included. Shpg. wt. 6 lbs.

K14725—Your Cost, Each \$4.35

PAWOOD All Purpose Circle Cutters



Cut holes in brass, aluminum, steel, wood, Bakelite, etc. Nos. 1, 2 and 4 cut holes from 7/8" to 4" in diam. No. 5, heavy duty type, cuts holes from 1" to 5 1/2" diam. No. 1, has extra beading cutter. All but No. 5 fit either round or square chucks either in power-driven or hand drills. Of finest heat-treated steel.

K14713—No. 5, 1/4" round shank. \$1.88
 K14715—No. 5, square shank. \$1.88
 K14717—No. 1. Above three. \$1.10
 K14711—No. 4. \$1.10
 Your Cost Each \$1.10
 K14718—No. 2. \$1.10
 Your Cost Each \$1.10
 K14716—Extra Blades. Your Cost Each 24c

PAWOOD Jr. Circle Cutter



Ideal for average light work. Cuts holes in aluminum, wood, bakelite, hard rubber, etc. Shank diameter 3/8". Single set screw. Shpg. wt. 2 lbs.

K14720—Your Cost, Each \$78c

ICA Circle Cutter



Cuts Holes Up To 8" Diam.

1 1/4" to 8 inches in diameter. Hexagon shank for either brace or electric drill. Cutting bar holder 1" dia., accommodates centering drill or any size pilot pin. Cuts wood, bakelite, aluminum, etc., cleanly. Shpg. wt. 3 lbs.

K15069—Your Cost \$2.35
 K15068—Replacement drill for above. Your Cost 21c
 K15070—Replacement cutter for above. Your Cost 29c

"Grip" Screw Driver



Gripper holds screw and slides up out of way, instant release after it is driven. Fine for tight places. Tempered steel blade. Wt. 1 lb.

No. Blade Length Each
 K14721 4x3/8 ins. 29c
 K14722 10x3/8 ins. 39c

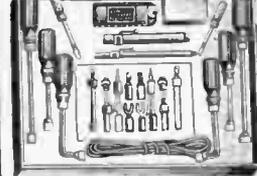
UTICA Pliers with 4 Wire-Cutters



Sturdy, efficient pliers with four wire cutters. Well-balanced and nicely finished. Made of high-grade tempered tool steel. Designed to grip wire with one end and cut with the other. Positive grip grooves in jaws make this plier especially useful. Quantity Limited. Length 4 1/2".

Wt. 1 lb. \$49c
 K15077—Your Cost

Servicer's Test Kit



Thirty-pieces for test and repair. Include two 6" hex, (3/16 and 1/2"), two 9" hex (3/8 and 1/2"), and two 6" "offset" hex wrenches (1/4" and 3/16"), three sizes insulated screwdrivers, three size flat top wrenches, one length (72") each of red and black wire, one neutralizing tool and one 5" compensating screwdriver, an assortment of red and black test parts including test prods, alligator clips, etc., box of assorted radio hardware. Shpg. wt. 5 lbs.

K12888—Your Cost, Complete Kit \$2.95

Steel Letter and Figure Die Set



Outfit consists of 36 steel punches; 26 covering the complete alphabet and ten covering figures from 0 to 9. In holder. Wt. 9 lbs. \$1.49

K14977—Your Cost

Chassis Cradle



Holds any make or model radio chassis in any desired position for testing, aligning, repairing, replacing parts, or for counter demonstration. Special mechanical clamps grip chassis firmly and leave hands free to work with. Built of steel. Shpg. wt. 8 lbs. \$3.25

K15071—Your Cost \$3.25
 K15072—Your Cost \$2.40

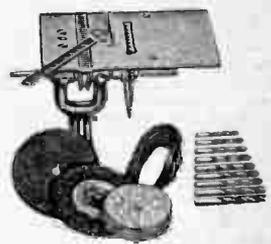
Wire Stripper



Strips insulation from wire easily and cleanly. Saves time. Cutting edge of tempered steel. Wt. 1 lb. \$9c

K15044—Your Cost \$9c

17 Piece Polishing Head Outfit



A complete, dependable workshop outfit that will drill, grind, polish, buff, saw, scratch, etc., and turn out fine work. 1/2 H.P. motor recommended. Comprises 1/2" drill chuck, 4" steel circular saw, saw table and guide, 4" wire brush, 3" cotton buffer, 1/4x4" emery wheel, 9 twist drills 1/8" to 3/4" belt, pulley and stand. Shpg. wt. 8 lbs. \$3.35

K14746—Your Cost \$3.35

Rivet-O-Punch Tool



Makes Solderless Lugs, Etc.

Punches holes fastens rivets, in leather, fibre, paper or canvas. With box of brass eyelets. \$59c

K15046—Your Cost \$59c
 K15047—Box of 150 rivets \$10c

Handy Scratch Remover



For removing marks and scratches from furniture. Just a touch of the stain with the brush and the blemish disappears. In durable container.

K15520—Your Cost, Each \$22c
 5 For \$95c

Multi-Use Rule and Gauge



Four inch quick-reading 32nd and 64th inch scale, drill point gauge, square, bevel protractor, center finder, circle divider, tap drill table. Stainless steel—highly polished. With leather case. \$95c

K14998—Your Cost \$95c

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. \$95c

K14997—Your Cost \$95c

Stainless Steel Rule

and

Depth Gauge

A handy, accurate pocket rule for quick measurement. Made of stainless steel, with convenient pocket clip for depth measurements. Length 6 inches, graduated in quick reading 64ths. \$9c

K14956—Your Cost \$9c

MECHANICS and SERVICEMEN



VACO Grip-Point Screwdriver



A screw-holding screwdriver that does not interfere with the head of the screw. A flip of the thumb attaches or detaches the tool from the slot of the screw. Permits inserting screws into recessed holes. Amber plastic handle—hardened alloy steel pointed blade.

Stock No.	Screw Sizes	Length Ins.	Your Cost
K15321	1 to 6	7 3/4"	66c
K15322	4 to 14	8"	75c

VACO "Amberly" Radio Screwdrivers



Transparent amber colored plastic handles. Oil tempered tool steel blades. Rust-proof, break-proof, shock-proof. Smallest (3") size only has pocket clip.

Stock No.	Blade	Each
K15323	3/4x3"	9c
K15324	3/4x4"	21c
K15325	3/4x6"	26c
K15326	3/4x8"	30c

10% discount in lot of 6

"RHINO" Amberlite Heavy Duty Screwdrivers



Finest screwdrivers, for rough, tough service. Chrome-Vanadium blade over half-way into handle. K15345—3x3/4" blade. Ea. 28c
K15346—6x1 1/2" blade. Ea. 36c
K15347—8x1 3/4" blade. Ea. 39c

★ Special Value ★ Diagonal Cutting Pliers



A very popular plier with all servicemen. 5 1/4" long. Shpg. wt. 3 lbs. K15217—Your Cost Each **32c**

Long Nose Pliers



5 3/4" polished forged steel. Side cutting telephone type. Shpg. wt. 3 lbs. K15241—Your Cost **32c**

Steel Drills

Nine assorted drills: sizes 1/8" to 3/8". Good, fast cutting steel. Correctly ground; will hold their edge. All popular sizes for radio work. In round wood box. K14709—Your Cost **39c**



BLACK & DECKER Junior Drill



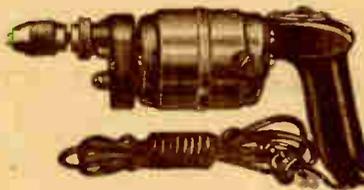
K14700—Spg. wt. 4 1/2 lbs. Your Cost \$19.95 Less 2%

One of the finest makes of drills, for radio shop or home. Husky aluminum casings, oil-less bearings, powerful efficient motor, 3-jaw Jacobs chuck and key (for drills up to 1/4"), thumb-control switch, 3-conductor cable and plug (one for grounding). Powerful enough for all ordinary work around the shop in steel and softer materials. Fits easily in the hand. Overall length—12". Net weight 3 3/4 lbs. For 110 volts A.C. and D.C. operation.

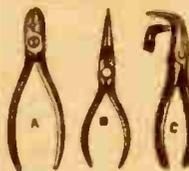
\$19.55

A.C.-D.C. ELECTRIC SPEED DRILL

Drills through 1/2" steel, 2 3/4" diameter permits drilling 3/4" from corners. 110 volt AC-DC universal motor. Takes up to 1/4" bits. Knurled collar permits easy insertion and removal of bits. Long rubber covered cable and plug. Shpg. wt. 7 lbs. K14731—Your Cost **\$6.95** Less 2%



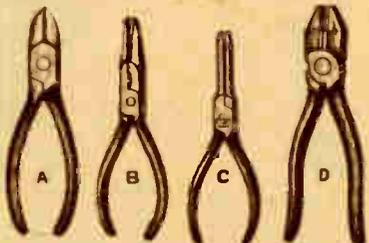
KLEIN'S STEEL PLIERS



Finest tempered tool steel with case hardened cutting edges that stay sharp. K15223—(A) Oblique Cutting Pliers with Wire Stripping Notch. Lap joint; narrow head. 6" long. Shpg. wt. 3 lbs. K15221—(B) Long Nose Side Cutting Pliers. Pointed slender nose—sharp cutters. 6" long. Either Above Each **\$2.10**
K15224—(C) Long Curved Nose Pliers. Very useful in close quarters. 6" long. Your Cost **\$2.30**

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" \$1.01
K14944 6 1/2" 1.20
K14943 7 1/2" 1.50

Long Nose Pliers

B—For the hard to get at places. Side cutting blade will stay sharp. No. Length Your Cost
K14946 5" \$1.05
K14945 6" 1.16
K14947 7" 1.31

Needle Nose Pliers (C)

Made especially for difficult and odd jobs where no other plier will answer. Especially useful for auto mechanics, radio servicemen, etc. Long fine nose is very carefully tempered. Length 6". K15076—Your Cost **\$1.20**

Electrician's Cutters

"K" Series (D) Modified electrician's pliers with fitted lap joint, hardened cutters. No. Length Your Cost
K14935 6 1/2" 74c
K14936 8" 97c

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. 8 oz. K14949—Your Cost Each **23c**

Small Screw Drivers Two useful small screw drivers. Fine for small screws as in radio knobs, etc. Blades 1 1/2" and 2 1/2" long. K15282—Your Cost Per Pair **9c**

Flexible Screw Driver



Strong, unbreakable, flexible shaft and insulated movable screw locator finds slots of screws. K15062—Your Cost **88c**

Insulated Screw Drivers



Insulated shaft and handle. Sturdy tempered steel blades. K15225—5" Each 14c
K15226—6 1/2" Each 18c

Phillips Recessed Head Screw Drivers

Many sets now use this type of screw requiring this new model driver. Heavy molded handle—5000 volt test.



Stock No.	Size No.	Length Ins.	Your Cost
K15234	up to 4	5 1/2"	39c
K15235	5 to 9	8"	49c
K15236	10 to 16	10 1/2"	67c

Wood Handle Types

K15251	up to 4	6 1/2"	22c
K15252	5 to 9	8 3/4"	24c
K15253	10 to 16	11 1/2"	28c

Slide Caliper Rule



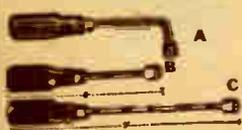
Inside and outside diameters up to 3 inches, in 1/8" and 1/16" knurled locknut. Shipping weight 8 oz. K14891—Your Cost **10c**

Electrolytic Condenser Mounting Wrench



For mounting through-chassis type condensers such as Mallory FP, Aerovox F, Cornell—Dubilier UP, etc. Amber handle. K15327—Each **43c**

HEX-NUT Socket Wrenches



Straight and Offset Types Firm grip, ribbed wooden handles. Cadmium plated shanks. Have deep holes in ends of shanks which will take long screws up to No. 10 size. Straight types, 6" and 9" long. Offset types in 7" overall. Take standard hexagon nuts.

Size 7" Offset (A)		Size 6" Straight (B)		Size 9" Straight (C)	
1/8"	K15206	1/8"	K15203	1/8"	K15209
1/4"	K15207	1/4"	K15051	1/4"	K15107
3/8"	K15208	3/8"	K15052	3/8"	K15109
1/2"	K15212	1/2"	K15053	1/2"	K15110
5/8"	K15213	5/8"	K15054	5/8"	K15118
3/4"	K15214	3/4"	K15204	3/4"	K15210

12c each 10c each 12c each

K15215—Set of 6. 62c K15205—Set of 6. 52c K15211—Set of 6. 62c

AMBER HANDLE WRENCHES



Spin Type Socket

These socket wrenches have shock-proof, unbreakable clear plastic handles. Overall length, all types, is 7 1/2". Handle diameter 1". Cadmium plated steel shank. Will take up to No. 10 screw.

No.	Size	No.	Size
K15330	1/8"	K15333	1 1/2"
K15331	1/4"	K15334	3/8"
K15332	3/8"		

Volume Control

These socket wrenches have shock-proof, unbreakable clear plastic handles. Overall length, all types, is 7 1/2". Handle diameter 1". Cadmium plated steel shank. Will take up to No. 10 screw.

No.	Size	No.	Size
K15330	1/8"	K15335	1 1/2"
K15331	1/4"	K15336	3/8"
K15332	3/8"		

Your Cost Each, Any Size **35c**
K15337—Complete Set Above Wrenches \$2.21
VOLUME CONTROL WRENCHES—take shafts to 4" long x 1/2" O.D.
K15344—For nuts 3/4" across flats. 59c
K15329—For nuts 1/2" across flats. 53c

QUALITY TOOLS

Neon-Light Screw Drivers



Quality screw drivers with neon lamp built into amber Pyroxilin handle. For R.F. and spark plugs.
K15348—4 1/2" long. Each **24c**
K15349—7" long. Each **59c**

PALWIN Pocket Screw Driver



Cannot tear or fray clothing. Blade is sheathed in handle cap. Blade of good tool steel; handle of transparent plastic. Measures closed 3" overall.
K15350 Your Cost Each **15c**

G.M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to 1/2" in your small electric drill. Shpg. wt. 4 lbs.
K14698—Each **\$4.75**

Motor Chuck-Arbor



Fit shaft of any small motor in place of pulley. With flange and locking nut to hold grinding wheels, saws, etc. 3/4" three-jaw chuck.
***Less Flanges**

Stock No.	Unit No.	Motor Shaft	Your Cost
K15095*	496	3/8"	59c
K15096	490	1/2"	
K15097	490-A	5/8"	
K15098	490-B	3/4"		79c

INDESTRO 8-Piece Radio Socket Set



Contains six hexagon sockets, 1/4", 1/2", 3/8", 5/16" and 1/2", with 1/2" round knurled socket for thumb nuts and 6 1/2" spinner type handle. All 1 1/2" hexagon drive.
K15111—Your Cost **36c**

LENK Alcohol and Gasoline Torches



Type A—Compact, leak-proof torch for serviceman and home mechanic. Size: 6x2x1 1/4". Wt. 1 lb.
K14868—Alcohol. Your Cost **88c**
Type B—Double burner torch—provides either broad or needle point flame. Cleaning pin in handle. 7x4 1/2x2 1/2". Wt. 3 lbs.
K14867—Alcohol. Your Cost **\$2.35**
Type C—Gasoline torch. Has flame control, shut off valve and many other features. 7 1/2"H.x3" base D. Polished brass. Cap. 3/4 pint. Wt. 2 lbs.
K14855—Your Cost **\$1.30**
K14856—Same but for alcohol. Your Cost **\$1.47**

HANDEE Grinder Tool of 1000 Uses



A distinctive tool of superior quality and great versatility. Will grind, drill, 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, many other features. All operate on 110-120 volts, 25-60 cycles A.C. or D.C. Each supplied with 1/4" spring collet chuck.
K15351—Standard HANDEE, less Grip-Sleeve. Speed 18,000 R.P.M. With 3 mounted wheels. No. 2AB. Your Cost **\$9.14**
K15352—Same, but with guard and 3 mounted wheels. **\$10.41**
No. 7AB. Your Cost **\$10.41**
K15353—Custom HANDEE kit, with grip-sleeve to rest fingers. In steel carrying case with 27 accessories. No. 2060. Your Cost **\$14.66**
K15354—De Luxe HANDEE, complete with 7 accessories as follows: 1/4" collet; 5-wheels; 1-Rubber Polishing Wheel; 1-Wheel Dressing Stone. Speed 25,000 R.P.M. No. 3008. Your Cost **\$15.72**

STEEL Parts Cabinets

For dealers, workshops, home experimenters, etc. Simplify keeping small parts in order so that they can be found more easily when needed. Heavy gauge steel finished dark green.

6 Drawer Cabinet—13 1/4" long, 10 1/4" wide and 11 3/4" high. Two drawers have 4 sections, two have 6, one has 12 and one has 15 sections. Card holder on each drawer for labeling. Shpg. wt. 20 lbs.
K22347—Your Cost **\$3.45**

6 Drawer Cabinet—8" long, 6" wide and 9" high. Two drawers have 10 sections, two have 6 and two have 3 sections. Shpg. wt. 6 lbs.
K22348—Your Cost **\$1.76**

2 Drawer Cabinet—11 1/2" long, 9 1/4" wide and 5" deep. Fine for stationery and other papers. Each drawer 2" deep. No sections in upper drawer, 12 in lower drawer. Shpg. wt. 6 lbs.
K22349—Your Cost **\$1.10**

Power Drill Press



Light-duty, belt-driven drill press suitable for average workshop. Height—16"; Max. clearance from chuck to base—7 1/2"; 3 1/4" adjustable swinging table; Two guide pulleys; Drive pulley keyed to sliding spindle; spindle travel 1 1/2". With 1/2" chuck. Requires 1/2" round belt (recommended) and corresponding pulley on motor or drive shaft. Wt. 6 lbs.
K15133—Drill Press **\$2.75**
 Your Cost **\$2.75**

6" TABLE SAW



Heavy cast-iron table, 8 1/2 x 11"; ground finished with vertical adjustment up to 2". Cast-iron, ground finished fence. 1-piece steel mandrel, for 1/2" bore-24 thread accessories. High-grade bearings. Base 6 1/2" high, designed for tool rests and guards. 1" V-type steel pulley, for 3/8" V-belt. Handles materials up to 2" in thickness. With 6" coarse Circular saw blade.
K15355—Shpg. wt. 12 lbs. Your Cost **\$4.45**

9" MOTOR DRIVE JIG SAW



Rigid cast iron frame, with 8" dia. cast iron table tilting to 45 degrees either direction. 1/2" driveshaft runs in cast iron bearing with adequate provision for oiling. Rocker arm and Pitman rod drive. With 2-step die-cast "V" cone-drive pulley. 3/8" stroke; permits handling up to 1" material and cuts to center of 18" circle. Uses any 5" straight-end blade.
K14979—Overall H. 12 1/2". Less motor and blade. Shpg. wt. 6 1/2 lbs. Your Cost **\$1.49**
K14980—Set of six 5" blades. **18c**

Hand Sprayer



Air pressure supplied by any automobile tube. Complete with 6-ft. of hose, container, valve and spare jar. Will spray approximately four jars from one tire containing 35 lbs. of pressure.
Wt. 5 lbs.
K14705—Your Cost **59c**

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. 11 lbs.
K14704—Your Cost **\$2.95**

BREAST DRILL



Sturdy construction. Holds up to 1/2" drill. 3 spring-controlled steel jaws. 2-speed gears. Mahogany handles. For heavy work. Red, black and nickel finish.
K14993—Your Cost **\$1.95**

HAND DRILL



Finely machined hand drills with 1/4" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Handle top threads on to body. High speed gears.
K14723—Your Cost **79c**

Tap and Die Sets



In wooden box containing three dies cutting 1/4", 3/8" and 1/2", with plug and hand taps to match, also tap wrench and die holders. Shpg. wt. 3 lbs. Each **\$1.25**
K15229—S.A.E. Thread
K15230—U.S.S. Thread

Tool Steel Reamers



Made of heat treated steel.
K15049—1/2" to 1/2". 5 3/4" overall "T" handle. **69c**
K15050—Same for Bit Brace.
 Either Type Above, Each **69c**
K15048—3/8" to 1". 6 1/2" overall. "T" handle. Each **98c**

Socket Wrench Set and Screw Driver



Consists of a 6" wood handle screw driver adapter with a 4 1/2" ell handle and a 3 1/4" socket extension; five hex. sockets 1/4", 3/8", 1/2", 5/8" and 3/4"; two square sockets 1/2" and 3/4"; one internal knurled socket. All bright cadmium finished. In steel box. Shpg. wt. 4 lbs.
K15159—Your Cost **73c**

Eleven-Piece Kit



6 1/2" wood handle, 4" ell, 3 3/4" extension adapter, 1/4", 3/8", 1/2", 5/8", 3/4" hexagon sockets, 3/8" round knurled socket, and 1/4" and 3/8" square sockets. Steel box.
K15130—Your Cost **69c**

Expansive Bits



Clark pattern.
K15116—1/4" to 1 1/4". Each **95c**
K15117—3/8" to 3". **\$1.05**

We Will Not Knowingly Be Undersold

PHOTO ELECTRIC & ELECTRIC FENCE CONTROLS



WESTON Photronic Cell

Current varies with light intensity from 1½ microampere on 1 foot candle to approximately 5 milliamperes in daylight. Bakelite case 2¼" in diameter and 1" thick. Has multitude of uses for research, photography, relay work, etc., etc. Has found numerous uses in industrial work, machine application and light measurement. Shpg. wt. 1 lb.

K14139—Your Cost Each \$7.50

PESE Photo Cell

A compact rugged photo-cell to be used in conjunction with one step of amplification. Suitable for many on and off operations of a semi-industrial nature. Complete instructions for operation and simplified wiring diagrams furnished.

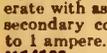
K14187—Your Cost \$1.50



Supersensitive Relay

A very sensitive 3000 ohm relay for use with the above photo-cell or for any purpose where a highly sensitive relay is required. The relay will operate with as little as 1 Ma. and the secondary contacts will handle up to 1 ampere. Shpg. wt. 1 lb.

K14188—Your Cost \$3.00



Cetron Cells

Standard Cetron Photo-Cells as used in most of the popular sound projectors.

CE-1—4 prong plug-in type base. 3¼" high. Cathode area .94".
CE-2—4 prong base. 2¾" high. Cathode area 1.33".
CE-3—Flexible leads with phone tips. Cathode 1¼" square.

Your Cost, Any Type \$5.40

NOTE: We are prepared to furnish any type of photo-cell equipment for industrial purposes. Write us giving full details.



ELECTRIC FENCE CONTROL UNITS

- ★ Very Low Operating Costs
- ★ Will Not Injure Humans or Live Stock

Most economical, reliable and efficient means of controlling livestock. **Will not harm animals or humans: Simple to install.** Requires only a single wire fastened to insulators on light stakes placed about 50 feet apart around the pasture. Saves about 4/5th of the wire and 1/3rds of the stakes usually used. Animals are easily trained to keep away from the wire within a couple of hours. Operates on hot dry days as well as rainy days. Consumes very little current. Carefully designed and incorporates every possible safeguard. Terminals and switch protected by skirt around bottom of unit. Units can be mounted indoors or outdoors—fully weatherproof. Finished in green wrinkle lacquer. Models for battery operation (require 6 volt storage battery or 6 volt "Hot Shot" battery which lasts 4 to 5 months). **All Units Guaranteed for 5 Years.** Complies with all state regulations for indoor and outdoor use.



Standard Battery Model

Charges up to 30 miles of wire. Operates from an ordinary 6 volt storage battery (recharged every 3 months), or a "Hot Shot" battery (replaced every 4 to 5 months), or 4 ordinary dry cells. Very compact. Has 6 ft. battery cable. 8x10x5" deep. Fully weatherproof—can be mounted indoors or out. Instructions furnished. Shpg. wt. 11 lbs. **K15678—Complete with Neon Fence Tester (less battery). Your Cost, Complete \$8.16**

DeLuxe Battery Model

Similar to the Standard model but larger. Provides space for installing "Hot Shot" battery or 4 dry cells. Incorporates built-in signal light that shows whether or not unit is operating properly or if there is a short on the fence. Has Hi-Lo switch to conserve current on wet and normal days and to provide extra protection on dry days. 10x11x7" deep. Fully weatherproof. Shpg. wt. 15 lbs. **K15679—Less Battery \$10.44**

DeLuxe 110 V. AC Model

No Contacts—No Moving Parts! Does not operate until animal touches fence. Employs tubes—does not create radio or telephone interference. Built-in Eye tells condition of fence and whether or not unit is operating properly. Weatherproof and dustproof. Absolutely safe. Input and fence windings entirely separated on safety-transformer—line current cannot reach fence. Shpg. wt. 15 lbs. **K15674—Your Cost \$13.50**

KWIK-KLIP Fasteners

Fastens wire quickly and easily to post insulators. Made of heavy galvanized wire.



Clip only. K15671 39¢
Box of 100 Clips
10 Boxes for \$3.50

KWIK-GATE



Consists of enamelled wood handle and hook, with cadmium plated spring. Installed as per illustration. Avoids shocks when opening or closing fence gate. **K15685—Each 15¢**

FENCE ACCESSORIES

ELECTRIC Fence Sign

A necessity for electric fences. Should be posted at convenient intervals. Large black letters on bright yellow enameled steel plate. **K15686—25 For 98¢ Your Cost Each 5¢**

EVEREADY 6-Volt "Hot Shot" Batteries

Steel cased batteries containing 4 special 1½ volt cells. For alarms, fences, etc. Wt. 4 lbs. **K20143—10¾" L, 2¾" W, 7¼" H. K20144—6¾" L, 5¾" W, 7¼" H. Lots of 6, Each \$1.26 Your Cost Each \$1.39**

Insulators

Glazed porcelain knobs for insulating wire from posts. (A) **K15680—5¢**
4 For 95¢
Glazed porcelain knobs for insulating on corner posts. (B) **K15681—2½¢**
Each
100 For \$2.00
New fence insulator, for attaching wire without kinking. (C) **K15682—Each 4¢**
100 For \$3.45



Insulator Kit

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

CINEPHONE Photo-Electric Control Unit



An unusually compact and sturdy photo-electric control unit for general application in industrial and alarm systems. Easily adapted for counting, sorting, operation of lights, bells, etc. The complete unit consists of a relay unit housing the cell, amplifier and relay, and the light source employing a 21 c.p. concentrated filament auto type lamp easily obtainable anywhere. Employs standard RCA Photo-cell and amplifying tube. Operates from 110-115 V. 50/60 cycles a.c. and will handle loads up to 220 watts at 110 V. 60 cycles a.c. Relay box dim.: 4¾x4¾x4¾". Light source: 4¼x2¼x2½". Will operate over a distance of 25 feet. For greater distances special light sources are available. Shpg. wt. 6 lbs. **K15672—Your Cost, Complete with Tubes \$19.75**



EBY Photo-Electric Experimental Kit



A complete Kit for the experimenter who wishes to build his own equipment. All parts and accessories for eight (8) control circuits. Employs the famous EBY photo-cell and the EBY supersensitive relay. Many interesting and educational operations can be performed by this device. The Eye is unaffected by continuous exposure to light. It is sensitive to both visible and invisible light. Fits 4 prong socket and requires a recommended voltage of 150 and a maximum of 250. Maximum current 200 microamperes. The D.C. Relay has a resistance of 1000 ohms (also available 2500, 5000 and 10,000 ohms). Will operate on as little as 1.25 mw. Wt. 3 lbs. **K14185—Kit, Complete with Electric Eye Booklet \$7.94**
K14171—Relay Only \$3.82 **K14170—Eye Only \$2.06**

WORNER Photo-Electric Burglar System



Employs invisible Infra-Red Light and a sensitive photo-electric cell. Beam of invisible light can be sent directly to the receiving unit or can be reflected back and forth by mirrors so that a single system can cover a wide area. Any interruption of the beam causes a relay to operate and turn on a bell within the receiving unit. An external bell for connection to the system (so that both bells operate together) is also available. Any disconnection of the 115 volt power supply will also set off the alarm bells. The total distance between light source and receiver (either direct or reflected by mirrors) can be up to 75 ft. For operation from 115 volts, 50/60 cycles. **K15675—Light Source and Receiver with inside Alarm Bell and batteries for bell. Shpg. wt. 12 lbs. \$27.34**
Your Cost \$7.64
K15676—External Bell and batteries in weatherproof case with 25 ft. of cable for connection to receiver. 10x10x4". Shpg. wt. 10 lbs. Your Cost \$7.64



WORNER "Invisible Servant"



Can be used as an alarm unit, announcing unit, to operate lights, bells, counters, etc. Consists of a light source and a photo-cell unit in a single case. Light from lamp is reflected back to the cell by means of a mirror. Any interruption of the light beam trips relay. Range 30-40 ft. 4¼x5x7". For 110/115 volts, 50/60 cycles a.c. With mirror. Shpg. wt. 6 lbs. **K15673—Your Cost \$16.76**

K15673—Your Cost \$16.76

Reflecting Mirror For Photo-Cell Units

For use with various makes of photo-cell units. For visible or invisible light. **K15677—Your Cost, with Bracket \$2.65**



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National Radio Institute
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"For the past 2 years I have been in business for myself making between \$200 and \$300 a month. Business has steadily increased. I have N.R.I. to thank for my start in this field." **ARLIE J. FROEHNER**, 300 W. Texas Ave., Goose Creek, Texas.



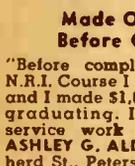
\$10 to \$25 a Week in Spare Time

"I am now making from \$10 to \$25 a week in spare time while still holding my regular job as a machinist. I owe my success to N.R.I." **WM. F. RUPP**, 611 Green St., Bridgeport, Penna.



Chief Operator of Broadcasting Station

"When I completed 20 lessons, I obtained my Radio Broadcast Operator's license and immediately joined Station WMPC, where I am now Chief Operator." **HOLLIS F. HAYES**, 327 Madison St., Lapeer, Michigan.



Made Over \$1,000 Before Graduating

"Before completing half of the N.R.I. Course I was servicing sets, and I made \$1,000 to \$1,200 before graduating. I am doing Radio service work for myself now." **ASHLEY G. ALDRIDGE**, 1228 Shepherd St., Petersburg, Va.

Sample Lesson Free

I want to prove my Training gives practical, money-making information, that it is easy to understand—what you need to master Radio. My sample lesson text, "Radio Receiver Troubles—Their Cause and Remedy," covers a long list of Radio receiver troubles in A.C., D.C., battery, universal, auto, T.R.F., superheterodyne, all-wave, and other types of sets. And a cross reference system gives you the probable cause and a quick way to locate and remedy these set troubles. A special section is devoted to receiver check-up, alignment, balancing, neutralizing, testing. You can get this lesson Free by mailing the coupon.

The World-wide use of Radio has made many opportunities for you to have a spare time or full time Radio service business of your own. Four out of every five homes in the United States have Radio sets which regularly need repairs, new tubes, etc. Servicemen can earn good commissions too, selling new sets to owners of old models. Even if you have no knowledge of Radio or electricity, I will train you at home in your spare time to sell, install and fix all types of Radio sets; to start your own Radio business and build it up on money you make in your spare time while learning. You don't need to give up your present job or spend a lot of money going away to school to become a Radio Technician. Mail coupon for my 64-page book. It's Free—it shows what I have done for others—what I am ready to do for you.

Many Make \$5 to \$10 a Week Extra in Spare Time While Learning

The day you enroll I start sending Extra Money Job Sheets which start showing you how to do Radio repair jobs. Throughout your training I send plans and directions that make good spare time money—\$200 to \$600—for hundreds, while learning. I send you special Radio equipment to conduct experiments and build circuits—this 50-50 method of training—with printed text and conducting experiments—makes learning at home interesting, fascinating, practical.

Why Many Radio Technicians Make \$30, \$40, \$50 a Week

Radio is already one of the country's large industries even though it is still young and growing. The arrival of Television, the use of Radio principles in industry, are but a few of the many recent Radio developments. More than 28,000,000 homes have one or more Radios. There are more Radios than telephones. Every year millions of Radios get out of date and are replaced. Millions more need new tubes, repairs, etc. Over 5,000,000 auto Radios are in use and thousands more are sold every day. In every branch, Radio is offering opportunities—opportunities for which I give you the required knowledge of Radio at home in your spare time. Yes, the few hundred \$30, 40, \$50 a week jobs of 20 years ago have grown to thousands.

Jobs Like These Go to Men Who Know Radio

Radio broadcasting stations employ engineers, operators, station managers, Radio Technicians, and pay well. Radio manufacturers employ testers, inspectors, foremen, servicemen in good pay jobs with opportunities for advancement. Radio jobbers and dealers employ installation and service men. Many Radio Technicians open their own Radio sales and repair businesses and make

\$30, \$40, \$50 a week. Others hold their regular job and make \$5 to \$10 a week fixing Radios in spare time. Automobile, police, aviation, commercial Radio; loudspeaker systems, electronic devices, are newer fields offering good opportunities to qualified men. Television promises to open many good jobs soon.

I Also Give You This Professional Servicing Instrument



Here is the type of Instrument Radio technicians use—an All-Wave Set Servicing Instrument. It contains everything necessary to measure A.C. and D.C. voltages

and currents; to check resistances; adjust and align any set, old or new. It satisfies your needs for professional servicing after you graduate—can help you make extra money fixing sets, while you are training.

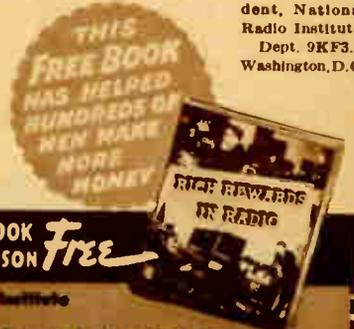
You Are Trained for Television

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Act Today. Mail the coupon now for Sample Lesson and 64-page book. They're free. They point out Radio's spare time and full time opportunities and those coming in Television; tell about my course in Radio and Television; show you letters from men I trained, telling what they are doing and earning. Read my Money Back Agreement. Find out what Radio offers YOU! MAIL COUPON in an envelope, or paste on a postcard.

J. E. Smith, President, National Radio Institute, Dept. 9KF3, Washington, D.C.



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We buy for cash and sell for cash; this explains our low price policy. We do not carry credit accounts, and we pass on to our customers all savings affected by the elimination of costly bookkeeping. We will ship C.O.D. if desired, providing a deposit of at least 20% accompanies your order. C.O.D. parcels may be shipped ONLY to places in the 48 states of the U.S. and to U.S. territories. On small orders, remittance in full saves you extra costs.

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If you find it necessary to return any merchandise for adjustments, please write in advance stating the following: reason for return—when and where purchased—number of sales slip (if purchased over the counter). If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us. Use a separate sheet of paper for all adjustment matter; do not add remarks to a new order for parts. Do not include money in the package you return. When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

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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.

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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	\$.14	\$.16
2	.10	.10	.11	.14	.17	.19	.23	.26
3	.11	.11	.13	.17	.22	.26	.32	.37
4	.12	.12	.15	.21	.27	.33	.41	.48
5	.13	.13	.17	.24	.33	.40	.50	.60
6	.14	.14	.19	.28	.38	.47	.59	.70
7	.15	.15	.21	.31	.43	.54	.68	.81
8	.16	.16	.23	.35	.49	.61	.77	.92
9	.17	.17	.25	.38	.54	.68	.86	1.03
10	.18	.18	.27	.42	.59	.75	.95	1.14
11	.19	.19	.29	.45	.64	.82	1.04	1.25
12	.21	.21	.31	.49	.70	.89	1.13	1.36
13	.22	.22	.33	.52	.75	.96	1.22	1.47
14	.23	.23	.35	.56	.80	1.03	1.31	1.58
15	.24	.24	.37	.59	.86	1.10	1.40	1.69
16	.25	.25	.39	.63	.91	1.17	1.49	1.80
17	.26	.26	.41	.66	.96	1.24	1.58	1.91
18	.27	.27	.43	.70	1.02	1.31	1.67	2.02
19	.28	.28	.45	.73	1.07	1.38	1.76	2.13
20	.29	.29	.47	.77	1.12	1.45	1.85	2.24
For Each Added lb. Add	1¢	1¢	2¢	3½¢	5¢	7¢	9¢	11¢

EXPRESS CHARGES

Express charges are also determined by the weight of the shipment and distance of the 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.	\$.25	\$.25	\$.25	\$.30	\$.35	\$.45	\$.50	\$.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	2.67
" " 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 that we ship are insured.

Express insurance rates are: for shipments under \$50.00, no extra insurance charge; for shipments valued from \$50.00 to \$150.00 charge is 10¢. For each additional \$100.00 value or portion thereof, charge is 10¢.

EXPRESS & FREIGHT SHIPMENTS

Express and freight shipments are sent transportation charges collect. If your station has no agent, please send sufficient money to cover transportation. Charges are the same either way. All over-payments are promptly refunded.

C. O. D. SHIPMENTS

Transportation charges on C.O.D. parcels are slightly higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs outlined above are as follows (including insurance): When value of parcel is up to \$5.00 the extra charge is 12¢; \$5.00 to \$25.00 the extra charge is 17¢; \$25.00 to \$50.00 the extra charge is 22¢; \$50.00 to \$100.00 the extra charge is 32¢; \$100.00 to \$150.00 the extra charge is 40¢; \$150.00 to \$200.00 the extra charge is 45¢. For each \$50.00 value above \$200.00 the charge is 5¢ more (including insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel. Save these fees by remitting in full.

NOTE: Equipment built or ordered especially to meet customers requirements not subject to exchange, credit or refund. All orders for special merchandise must be accompanied by a deposit.



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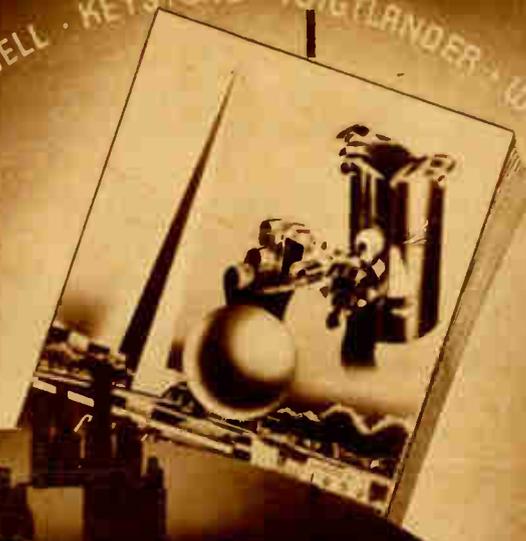
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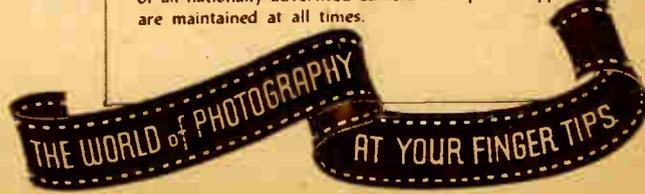
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look
AT THE BETTER QUALITY

listen
TO THE BETTER TONE

buy
THIS BETTER VALUE

THERE'S no doubt about it—the best way for you to determine the marvelous value you get in this 8-tube deluxe receiver is for you to put it through its paces right in your own home! And that's what we want you to do. Try one for 30-days, at our risk!

LOOK at it, and your eyes will tell you to buy. It's built of the finest grained American Walnut veneers, with contrasting bands of inlaid natural finished hardwood! The smoothly rounded corners give the console cabinet that sleek, expensive look you always associate with costly instruments. From the standpoint of appearance alone, it demands admiration and reflects quality.

LISTEN to it, and your ears will tell you to buy! Clear, rich, full-bodied tones greet you as you easily tune from station to station. No distortion, no annoying disturbances. Just good, clear reception that will make you feel that you're sitting right in the broadcasting studio. The powerful superhet circuit, combined with a high fidelity 12" dynamic speaker bring the airwave offerings into your home in a manner that will make you think this receiver is definitely a higher-bracket instrument. As a matter of fact, that is the impression you will get judging it from any standpoint!

For example, the three tuning bands, covering a range from 545 to 22,000 kilocycles, make it easy for you to choose from an unlimited variety of programs, Amateurs, foreign short-wave broadcasts, police calls, American broadcasts, and innumerable other interesting services are all within its scope! Bands are: 1750-545 kc (171-556 meters); 2.2-6 mc (50-137 meters), 6-22 mc (13.6-50 meters).



8 Tube 3 Band A.C. Superhet

Operation is further simplified by the large "slide rule" type dial that has each band individually calibrated, and the cathode ray tuning "eye" that insures hairline accuracy at all times.

Remarkable sensitivity and selectivity are provided by the powerful superhet circuit. Eight tubes are employed, including PUSH-PULL "BEAM POWER TUBES" in the output stage. These insure high power reception with a minimum of distortion. Tube complement includes: a 6K8G oscillator-mixer, a 6D6 i.f. amplifier, a 6Q7G second detector, o.v.c. and first audio, a 6F5G phase inverter, two 6V6G's in a push-pull "beam power" output stage, an 80 rectifier and a 6U5 cathode ray tuning "eye" tube. The output is fully 3 WATTS—much more than you'll ever require for home use. But this reserve is important, for it insures clear, distortionless reception no matter where you set the volume control.

There are still other important design features not usually found in this price receiver, such as **Tone Control** to compensate for various room acoustics; **Automatic Volume Control** to minimize fading and eliminate "blasting" when tuning between stations; **Phonograph Terminals** to permit easy addition of a record player (thus converting it into a phono-radio combination).

LOOK at the better quality! BUY this better value!

MODEL BS-3: Lafayette 8-Tube 3-Band A.C.

Console complete with tubes.

For 110 volts, 50-60 cycles a.c. Dim: 41" high, 26 3/4" wide, 13 1/8" deep. Shpg. wt. 70 lbs. Code CABAS.

YOUR COST

For 220 volt, 40/60 cycle a.c. operation, add ...\$3.00

\$29⁹⁵
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A mounted 12" DYNAMIC SPEAKER is included "inside" your radio. You hear every note clearly and with more than usual volume.



THREE TUNING BANDS bring you an unlimited variety of interesting programs.



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CASED IN Jewel-like CATALIN

**SPECIAL
5 TUBE
AC-DC**

PUSH BUTTON TUNING
Select any one of four stations
instantly — just press a button!

**THE
MIRACLE
PLASTIC**

Genuine is someone's latest contribution to the radio industry. It possesses every feature desirable in a radio cabinet. It's durable, it's washable, and it's more beautiful than anything you've ever seen before.

Lafayette
**5 TUBE "3 IN 1"
RAMBLER**



**WITH THE MAGIC
ANTENN-AIRE**

No more expensive roof aerials that break down—no more ugly lead-in wires to stretch around the room! "Antenn-Aire" gets all the stations—and there are no wires to connect!



HIGH is the 1940 radio style leader. It's refreshingly new. It's different. It's distinctive. You'll be proud to show it off to visitors and friends. For it has all the qualities of a picture jewel. Lustrous finish, in either Onyx or Ivory, makes all possibilities seem possible.

And built in with the cabinet gives the radio waterproof, dust-resistance that sets a new high standard for compact radios. The specially engineered tube superheterodyne independent circuit features that are not usually associated with sets selling in this price range. For example:

"ANTENN-AIRE", the latest Lafayette development, eliminates the need for any aerial connection. Its wires are strung around the room, in just the way you choose. Provision for outside aerial is included, for use in outlying localities where good reception is desired.

PUSH-BUTTON TUNING permits instant selection of your favorite station. Four buttons are provided, and they're easy to see. There's an illuminated dial, too, for instant tuning.

DISTORTIONLESS RECEPTION, due to the use of the latest type "Beam Power" tube. Tubes used: 1A7GT, 1N5GT, 1H5GT, 1H5GT, 1H5GT, 3Q5GT "beam" tube and 35Z4GT rect. "Beam Power" tube and 1H5GT sockets. Tuning range covers the broadcast band from 545 to 1700 kc. A standard Permanent Magnet Dynamic speaker reproduces all tones with great clarity.

Model E-42 In Onyx Catalin Case

Lafayette 5-Tube A.C.-D.C. Super with built-in "Antenn-Aire". Complete with tubes. For 110 volt a.c. or 2.5 amp. 2 1/2" wide. Priced high! 1 1/2" deep. 5 1/2" high. Kit Case IDW08.

Model E-43 In Ivory Catalin Case

Same as above, in Ivory case. Code 1247. **YOUR COST EACH \$13.95**
EITHER OF THE ABOVE MODELS.
For 110 volt a.c. or 2.5 amp. 2 1/2" wide. 1 1/2" deep. 5 1/2" high.

"I'll entertain you no matter where you go" says the Rambler with charming lack of modesty. But it can afford to brag, for it's remarkably versatile. It is really three sets in one—operates from self-contained batteries, from 110 volts a.c. or 110 volts d.c. Take one with you on your travels—on the train or boat, in the hotel or bungalow—no matter where you go, you need only "turn it on and tune". And for home use, you just plug into the nearest outlet, either a.c. or d.c.

Tone quality is excellent and there's power to spare, too. That's because the 5-tube superhet circuit makes use of a "Beam Power" tube that insures clear, natural tones. Tubes used: 1A7GT, 1N5GT, 1H5GT, 3Q5GT "beam" tube and 35Z4GT rect.

"ANTENN-AIRE", built-in, eliminates the need for any aerial, except in outlying districts (terminals for outside aerial included).

Dial is calibrated for the tuning range, from 545 to 1700 kc. Batteries required: 1-7 1/2 volt "A" and 2-4.5 volt "B". Case is covered in smart airplane luggage cloth and provided with carrying handle.

Model T-56 "Rambler"

Lafayette 5-Tube "3-In-One" Portable. Complete with tubes. Sizes: 12 1/2" wide, 9 1/4" deep, 6 3/4" high. Shpg. wt. 22 lbs.

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