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 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: 12S7, 12SK7, 12SQ7, 35L6GT and 3525GT rectifiers. The output is faithfully reproduced by means of a matched 5 1/2" 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 glistening 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. (60 cycles), Sizes: 9 1/4" x 7 1/2" x 5 1/2" deep. Shpg. wt. 9 lbs. Code BANJO.

YOUR COST
EACH
$8.95

Model BB-23 In Ivory Case
Same as above, but in Ivory finished Case.
Code BIRCH.

YOUR COST
For 220 volt adapter cord, each 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 jitter. 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: 12S7T, 2-12SK7, 12SQ7, 35L6GT "Beam POWER" tube and 3525GT 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. (60 cycles), Size 11 3/4" x 7 1/2" x 6 3/4" deep. Shpg. wt. 11 lbs. Code HARDY.

YOUR COST
EACH
$11.95

Model FE-6 In Ivory Case
Same as above, in Ivory finished Case.
Code HINGE.

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

$12.95
GEMS OF BEAUTY
WITH AMAZING FULL-BODIED TONE

On Tube AC-DC 2 BANDS

IT'S new, it's different, it has more worthwhile features than 4 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 10 days at our risk! "ANTENNAIRE" built right into the set, eliminates the need for aerial and ground connections and actually pulls in the stations (on broadcast band only). Provision 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: 6S7GT, 6SQ7GT, 6P6G, 6647GT, 25L5GT "Beam" tube, 2525GT 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 "Antenna-Aire". Complete with tubes. For 110 volts d.c. or a.c. (50/60 cycles). Size: 12 1/2" x 7" x 7 1/2".
Ship. wt. 15 lbs. Code WALNW.
YOUR COST... $12.95

Model D-73 In Ivory Case
Same as above, in Ivory Case. Code WATER. YOUR COST... $13.95
For 220 volt adapter cord, add 75c

6 Tube A.C. Model

Essentially the same as the models described above, but for 110 volts, 50 cycles a.c. ONLY. No "beam power" tubes. Uses: 6S7GT, 6SQ7GT, 6P6G, 6647GT, and 25L5GT rectifier.

Model D-76 In Walnut Case
In Walnut Case. Code WHIST.
YOUR COST... $13.95

Model D-77 In Ivory Case
In Ivory Case. Code WOLF.
YOUR COST... $14.95
For 220 volt operation, add $2.00

Model D-78 In Ivory Case

Essentially the same as above, in Ivory Case, Code BIJOU.
YOUR COST... $15.95
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 line 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! "ANTENNAIRE", 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 1850 kc.

"BEAM POWER" Output provides clear, undistorted tones with power to spare. Five of the latest "Bantam" tubes are used, including: 12A8GT, 12K7GT, 12Q9GT, 35L5GT "Beam" output tube and 2525GT 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 hum-free reception; "thermometer" type dial.

Model BE-79 In Walnut Case
Lafayette 5-Tube A.C.-D.C. Superhet with built-in "Antenna-Aire". Complete with tubes. For 110 volts d.c. or a.c. (50/60 cycles). Size: 10 1/2" x 5 1/4" x 6 1/2" High.
Ship. wt. 12 lbs. Code BIJOU.
YOUR COST... $9.95

Model BE-78 In Ivory Case
As above, in Ivory Case. Code BALAD.
YOUR COST... $10.95
For 220 volt adapter cord, add 75c

Model BE-77 In Ivory Case

With the Magic "Antenna-Aire"
No wires to attach Just plug in.

PUSH-BUTTON TUNING

CARRY IT WITH YOU
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.
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. Whichever 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.**
W. HOEYER 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 li.f. amp, 6P6GT second detector and a.v.c., 6SQ7GT first audio, 25L6GT "beam" output, 2526GT rectifier and a BM49-B ballast tube. Tuning range covers from 540 to 1720 kilocycles. Other features include: Automatic Volume Control; illuminated full-view dial; tip jacks and switch for phone 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: 12 3/4" x 8" x 8" deep. Shpg. wt. 12 lbs.

- Code WEDGE. Your COST $10.95
- For 220 volt adapter cord, add 75c

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**LAFLAYETTE**

**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. "Sanding" tubes are used throughout: 12S57, 12SK7, 12SQ7, 5016GT "beam" tube and 3525GT 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 5 3/4" deep. Shpg. wt. 10 lbs.

- Code EMER. Your COST $7.95

**Model E-65 In Ivory Case**

As above, in Ivory finished case.

- Code EMER. Your COST $8.95
- For 220 volt adapter cord, add 75c

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**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: 6X8GT, 6F7GT, 256GT "BEAM POWER" tube (this accounts for the exceptional power and clarity), 2526GT rectifier and BM49B 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-visibility dial.

**Model JA-89 In Walnut Case**

Lafayette 4-Tube A.C.-D.C. Compact in Walnut plastic case: 10 1/4" x 5 3/4" x 5 1/4" deep. With all tubes and factory attached aerial wire. For 110 volts a.c. or d.c. Shpg. wt. 11 lbs.

- Code AGLOW. Your COST $6.95

**Model JA-93 In Ivory Case**

As above, in Ivory finished plastic case.

- Code ADOBE. Your COST $7.75
- For 220 volt adapter cord, add 75c
Console PERFORMANCE 7 TUBE 3 BAND AC-DC

Economy PRICES

AC-DC VERSATILITY

WE'VE packed added power—greater tuning range—new, beautiful styling into this de luxe 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 broadcast; 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 "BLAM POWER" output stage that insures distortionless reception. Uses: 6SK7GT i.f. amp., 6PSGT sec. det. and a.v.c., 6S5GT first audio, 6SL6GT "beam" output tube, 2S26GT rectifier, 6US "eye" and 6M42C 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: 18½" wide, 10½" high, 9½" deep. Shpg. wt. 19 lb.

YOUR COST $19.95

For 220 volt adapter cord, add. 75¢

Plug into any Outlet

Matched Dynamic Speakers for True Fidelity WITH THE MAGIC ANTENN-AIRE

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 "dollars-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 6.7 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. Tubes have "in the studio" quality. Tubes used: 6SA7GT o.c.c. converter, 6SK7GT i.f. amp., 6PSGT sec. det. and a.v.c., 6S5GT first audio, 6SL6GT "beam" output tube, 2S26GT rect. and 6M42C ballast.

TELEVISION SOUND INPUT, plus phono input provided for by means of tip jacks and switch or 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: 17¾" wide, 9½" high, 9½" deep. Shpg. wt. 16 lbs.

YOUR COST $14.95

For 220 volt adapter cord, add. 75¢

6 TUBE 2 BAND AC-DC
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, news, 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 1750 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 1-65QTG oscillator, 1-65QTG i.f. amp., 1-65QTG second detector and v.c., 1-65QTG first audio, 1-6ED8GT 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 phono gram 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

For 220 volt, 40/60 cycle a.c. operation, add $2.00.

6 TUBE AC SUPER

Here is a personal set with "personality"—the radio that you will 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 555 meters to bring you the domestic programs, and from 425 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, 6S57GT, 256ZGT "BEAM POWER" output tube, 252ZGT 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 beauti ful plastic case that is available in either Walnut or in Ivory finish. Case is washable.

Dimensions are: 11½" wide, 7½" high and 6½" deep. Approved oil-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. Shipped wt. 15 lbs. Code ACORN. Your Cost: $10.95. Model JA-84 In Ivory Case
Same as above, in Ivory finished case. Code ADULT. Your Cost: $11.45. For 220 volt adapter cord, either model, add 75c.
SPECL ALSO OPERATES ON 110V-ACorDC

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 added 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, IN5G, 1H5G, 1CGG and 3Q4ST. Batteries used: 245 volt "B" and 1.5 volt "A". Train is low; batteries have a life of approximately 200 hours.

Model E-80
YOUR COST, LESS BATTERIES $19.95
K20162—Kit of batteries for above, 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 6" PM Dynamic speaker that affords true, distortionless tone. Low-drain tubes are used: 2IN5G's, 1A7G, 1H5G and 1CG5G. Batteries required: one 11/2-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"x13/4"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"x7 1/2"x7 3/4" 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. Your low-drain tubes are used in the superhet circuit including: 1A7GT, IN5GT, 1H5GT and 1CG5T. 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.
7 TUBE AC 3 BAND

You'll like Model D-32—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 own 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-46's three tuning bands. American broadcast programs from 540 to 1560 kc (182.556 meters); foreign short-wave and amateur programs from 2.2 to 7 mc (42.3 to 136 meters); amateurs from 2.2 to 7 mc (42.3 to 136 meters); foreign short-wave, experimental and other forms of foreign short-wave, experimental and other forms of communication. Television sound for the set is provided by a "Deeep" 3" cathode-ray tube.

"ANTENN-AIRE" is housed in a neatly milled cabinet of selected Walnut veneers, this set incorporates many of the latest radio advances—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 16 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., 6PSGT second detector and a.c.c., 6SK7GT first audio, 6KGT power output, and SW4GT rectifier. 6" DYNAMIC SPEAKER that capably handles the set output and reproduces all notes with good fidelity, it's properly boffled. 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 8-Tube A.C. 2-Band Superhet with built-in "Antenn-Aire". Complete with tubes. For 110 volts, 60 cycles a.c. Size: 17 1/2" wide, 10 1/4" high and 9" deep. Ship. wt. 25 lb.

Code WHLEM

YOUR COST EACH...

For 220 volts, 40/60 cycles, add ........ $2.00

$15.95

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., 6PSGT second detector and a.c.c., 6SK7GT first audio, 6KGT power output and SW4GT rectifier. 6" DYNAMIC SPEAKER that capably handles the set output and reproduces all notes with good fidelity, it's properly boffled. 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

Code WHLEM

YOUR COST EACH...

For 220 volts, 40/60 cycles, add ........ $2.00

$19.95

with MAGIC ANTENN-AIRE

Lafayette 7-Tube 3-Band A.C. Super with built-in "Antenn-Aire". Complete with tubes. For 110 volts, 60 cycles a.c. Size: 19 1/4" wide, 10 1/4" high and 9" deep. Ship. wt. 25 lb.

Code WRITE.

YOUR COST.

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

$15.95
8 TUBE AC 3 BAND WITH 8" Dynamic Speaker

The music 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—right at your bidding. And because the powerful superhet circuit is coupled to a matched 8" Dynamic speaker, you get "living" tone—all notes in his 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!

LIMITED ALL-WORLD COVERAGE. Practically all forms of radio entertainment are within the scope of this receiver. Three bands cover from 540 to 1730 kc (182 to 356 meters) from 2.2 to 7 mc (62.8 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.

EXCELLENT TONE is provided by the cathode-ray tuning "eye" tubes. With this device, you can tune with hairline accuracy every time. There's a large slide-rule dial, too, with each band calibrated.

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

EXCELLENT TONE is provided by the cathode-ray tuning "eye" tubes. With this device, you can tune with hairline accuracy every time. There's a large slide-rule dial, too, with each band calibrated.

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 1/4" wide, 10 1/2" high, 9 1/4" deep. Shpg. wt. 23 lbs.

Code WHOLE.
YOUR COST
For 120 volts, 40/60 cycles a.c., add ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... ... 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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

6TUBE 2 BAND AC-DC CustomBuilt

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: 12SK7 first det.-osc., 12SK7 i.f. amp., 12SQ7 sec. det., a.v.c. and first audio, 33L6GT power tube, 3525GT rectifier and 6AB7 tuning indicator.

TONE CONTROL, continuously variable, permits compensation for various room acoustics.

Other features: provision for phonograph 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 8½" x 8½" high. Shpg. wt. 15 lbs. Code BRUIN

YOUR COST
For 220 volt adapter cord, add $1.25.

$18.45

10

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 selling 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 500 to 1720 kc and foreign short-wave and amateur stations from 5.5 to 18.3 mc (16.4 to 34.6 meters). Slide rule dial is fully calibrated.

PUSH-PULL "BEAM" POWER: latest type tubes, including "beam" power output tubes: 12ABGT converter, 12SK7 i.f. amp., 12SQ7 sec. det., a.v.c. and first audio, 12SQ7GT inverter, 2-35L6GT's "beam" power stage, and 3524GT rectifier.

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

TELEVISION and phone input terminals provided:

Other features: powerful Automatic Volume Control to minimize fading and prevent later-station "blasting"; 5" matched DYNAMIC SPEAKER.

The Walnut veneer cabinet has inlaid bands of lighter woods. Size: 18" x 9½" x 9½" high.

Model FE-28:

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

$22.75
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 L.F. amp.; 1-6F7G, as det., AVC and first audio; 1-74, as osc.; 1-41, ca power amplifier; and 1-84 rectifier. Tuning ranges are: 16-51 meters; 170-555 meters; 850-2000 meters. The 3-bands are fully calibrated on an Easy-Vision Slide-Rule Dial, which makes tuning very simple.

VARIABLE TONE CONTROL, 6 1/4" SPEAKER. Tone quality just as you like it, from deep booming to rich treble, all by means of a fully variable tone control which is incorporated. A comparatively large 6 1/4" dynamic speaker is used, to assure crystal-clear reproduction. UNIVERSAL TAPPED POWER TRANSFORMER, permits operation anywhere the 40-60 cycles A.C. is available. Taps are provided for 117-136-150-220 and 230 volts.

Model S-44
Lafayette 6-tube, 3-band (long-wave) table model receiver, as described, complete with tubes. In beautifully finished walnut veneered cabinet, with tastefully modern lines and attractive speaker grille opening. Size: 15 1/4" x 8 1/4" x 8 1/4" high. For operation from any 40-60 cycles A.C. line, with voltage as provided for by Universal Tapped Power Transformer. Shpg. wt. 23 lbs. Code: PERCH.

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, L.F. amp.; 1-6F7G, Det. and Audio Amp.; 1-235S, Beam Power Output; 1-2352, rectifier; and, 1-76 oscillator, A M42F tapped balistor resistor tube is employed, with taps for 110-120-150-220 and 240 volts. The 3 tuning bands are: 16-51 meters; 170-555 meters; 850-2000 meters. VARIABLE TONE CONTROL, 4 1/2" SPEAKER. A relatively large (for compact sets) 4 1/2" hi-efficiency dynamic speaker is utilized to insure full rich tone 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 walnut-veneered, modern cabinet, dim.: 15 1/4" x 8 1/4" x 13 1/4" high. Shpg. wt. 18 lbs. Code: PHIOX.

★ Works on 110 to 240 Volts A.C. or D.C.!
★ PUSH-BUTTON TUNING—Selects Six Stations!
★ "BEAM" POWER OUTPUT—FULL TONE CONTROL!
The Lafayette "Little Symphony" is a phonograph and radio combination complete with all tubes. For operation on 110 volts, 60 cycles a.c. Shpm, wt., 30 lbs. Dimensions: 18" wide, 12¼" high, 13¾" deep.

**Model S-49 Combination**

Lafayette 5-Tube Radio-Phonograph Combination complete with tubes. For operation on 110 volts, 60 cycles a.c. Shpm, wt., 34 lbs. Dimensions: 18" wide, 12¼" high, 13¾" deep.

**Model S-43 Combination**

Lafayette 6-Tube A.C. 2-Band Radio-Phonograph Combination complete with tubes. For 110 volts, 60 cycles a.c. Shpm, wt., 34 lbs. Code FANSY. Your Cost $29.95

For 220 volt a.c. operation, add $5.00.
**PHONO-RADIO COMBINATIONS**

of two wonderful instruments in one

**PHONO-COMBINATION 8 TUBE AC SUPERHET**

$37.50

Model D-85 Phone-Radio Compact

Lafayette's "Little Symphony" Phone-Radio Combination: incorporating specified 8-tube, 3-band radio receiver and phonograph equipment for record playing. In two-grained, modern cabinet, with hinged cover, dim.: 21" wide, 13 1/4" high x 14" deep. For operation: 110 volts, 60 cycles A.C. With MAGIC-ANTENNE-AIRE built-in (for broadcast band only; outside aerial required for short-waves), and with all tubes. Shpg. wt.: 44 lbs.

**YOUR COST:** $37.50

For 220 volt operation, ADD: $5.00

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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 Gerrard RC10 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. 95Y**

Photographed at left in adjacent circle, this handsome cabinet has a sliding-out record changer compartment which automatically spins out into view the moment the hinged front panel is let down. Size of the inside record changer compartment is: 20" wide, 16 1/4" deep and 11" high. The bottom record album compartment dimensions are: 20 1/4" wide, 16 1/4" deep and 13 1/4" high. Overall size of the cabinet is: 24" wide, 17 1/4" deep and 30 1/4" 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 phonograph combination. Not supplied with either record changer or record albums. Shpg. wt.: 55 lbs. Code: LIEGE.

**YOUR COST:** $19.95

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**Model No. 90S**

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 burl Walnut front panel. The record-changer compartment has a blank, removable motor board, dim.: 11 1/2" x 14 1/2". Clearance above this motor board is 5 1/2", below 5 1/2". Overall size: 21" wide, 16 1/4" deep and 31" high. Shpg. wt.: 50 lbs.

Code: LOIRE.

**YOUR COST:** Cabinet Only $18.50

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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 Phone-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-Tubes, 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 ANTENNE-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 Asmatic Crystal pickup, GI "EX" single, constant-speed (78 rpm) phonomotor; 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 8th Hi-Efficiency Dynamic Speaker serves to further insure perfect radio and phonograph reproduction.
TUNE TO 13 M TO TONE CONTROL

MORE SW STATIONS
TUNES TO 13 M
FULL RANGE TONE CONTROL

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

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, 50.156 meters, for Amateur, Aircraft and Foreign Short-Wave Broadcasts; and, 26 to 80.4 meters for additional Foreign Short-Wave Broadcasts. High Sensitivity and Selectivity is obtained as a result of the use of a high-quality condenser and RF pre-selection stage which is employed on the broadcast band.

6th FM Speaker

Provides real fidelity of sound; crystal clear Triple Automatic Volume Control Action is employed to eliminate fading and blaring. A Continuously Variable Tone Control permits adjusting the tone to the individual taste. Sturdy, Rugged Chassis Construction, with oversized parts. Tubes used: 1XK8G, 1X7Q7G, 17Q8; 3LS6EG "Beam" Power output tubes 1252; 1-6U5 tuning "eye." Power output is further enhanced by a stream-lined "fours-type" speaker grille-work, and a Large Illuminated Side-Rule Tuning Dial. Cabinet dimensions are: 22 1/4" x 10 1/2" x 111/2" 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. SHIP. WT. 28 lbs. Code GUIDE $32.50. For Universal operation on 110-220 V., add $4.00

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 makes 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 1X6E I.F. amplifier, 1XCG Gold detector, AVC, 1st audio amplifier, 1X65GT 1st detector and oscillator, 1XCG phase inverter and voltage amplifier, 4-25LSG beam power output tubes, 3-2525 power rectifiers and 1-6US Magic Eye Tuning Inductor. The complete tuning range of the receiver is covered in three bands as follows: Standard Broadcast Band — 540 to 1700 Kilocycles (55.4-176 meters); Intermediate Short Wave Band — 2.2 to 6.5 Megacycles (135.3-462 meters)—Short Wave Band — 0.5 to 21 Megacycles (51.8-14.3 meters).

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 conservative-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 balance.

Automatic Volume Control

To prevent blaring 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 fine 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 1/4" by 15 1/4" by 41 1/4" high.

Model CC-77 Lafayette 12-Tube 3 Band AC-DC Superhet complete with tubes. For 110 volts a.c. or d.c. SHIP. WT. 78 lbs. Code GDP43 YOUR COST $39.95. For Universal operation on 110-220 volts, add $1.00.
LAFAYETTE PHONO RADIO COMBINATION

THE FAMOUS
RCA Automatic
RECORD CHANGER
WITH A

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-Band Radio Reception, Tunes Control
Its advanced 8-tube superhetodyne chassis provides 3-bands of varied radio reception, covering domestic broadcasting, police, amateur and aviation signals, and foreign short-wave broadcasting. 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.

Model D-86 Aut. Comb.
Lafayette 8-tube, 3-band Superhetodyne 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: 24½" wide, 33¼" high, 14½" 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 "XX" single constant-speed (78 rpm) phono-motor, 12" turn-table, Wide-Range Astatic Crystal Pick-up with Taper Arm, and Automatic Stop; in place of record changer. For operation on 110-120 volts, 60 cycles A.C. Shpg. wt. 72 lbs. Code, WABST.
YOUR COST $49.95
For 220 V., A.C., either model, add $3.50

LAFAYETTE 8-TUBE 3BAND A.C. SUPERHET

Tuning "Eye", Slide-Rule Dial
A 6US 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-SSA7GT, converter; 1-P6S6GT, osc.; 1-68K7GT, I.F. amplifier; 1-6P6GT, 2nd detector and Automatic Volume Control; 1-6SQ7GT, first audio; 1-6X6GT, Power Output; and, 1-5WA6GT 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 exemptify 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.
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 at the station to which you are listening. Its purpose is to intensify the station's signal, to cut down whistles and sputters, 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 frequencies 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 Second Detector, or Demodulator, converts the radio frequency energy into electrical energy at audio frequencies. This circuit too, must be free from distortions. 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 Second Detector as 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" features—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 Second Detector must be free from distortion, 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 set 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 "grain" 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 boats.

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.
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 Antenna-Aire" 3-Band 8-Tube Superhet Lafayette again shows the way to better, finer, 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 Antenna-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, you should have to use this new Lafayette in a location where reception is difficult, or 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 23,000 KC (42.8-137.7 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 Air Talent.

8-TUBE SUPERNONODYNE CIRCUIT
Eight tubes are employed including: 14SK7 IF, 14SB5 2nd Detector, 14SK7 AF, 14V6G Output, 12Y5G Rectifier and 16US Tuning Indicator. Sensitivity is 2 microvolts absolute on the standard and intermediate bands and 3 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 23½" x 12½" x 11½". 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 Dual Magic Antenna-Aire Superhet in Walnut Mantel Cabinet complete with tubes. For 110-120 volts 60/60 cycles a.c.
- Size: 23½" x 12½" x 11½". Shpg. wt. 40 lbs.

Code BENIM
YOUR COST: $39.95
For 110-120 volts, 60-60 cycles a.c. operation, add $2.50

CUSTOM BUILT FOR HIGH-FIDELITY RECEPTION

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 Antenna-Aire"—in fact is complete in every detail except for the cabinet. The chassis base is 15½" wide and 8½" deep and 8½" high. Mounting requirements are 21½" wide, 11½" deep and 19½" high for mantel cabinet installation, and 22½" 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 60/60 cycles a.c.
- Code BAYOU.

YOUR COST: $34.95
For 220 volts, 40-60 cycles a.c. operation add $2.50
MODERN RADIO

Three glass and five metal tubes are employed in a highly efficient superheterodyne 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.

8 TUBE A.C. SUPER

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)
538 to 1,700 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 aerials.

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 an outside aerial of any kind. However, wherever necessary an outside aerial can be used to overcome especially difficult conditions.

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 11¾" x 38" high. For 110-120 volts 50/60 cycles a.c. operation. Ship. wt. 69 lbs. Code H168N.
YOUR COST. $49.95
For 220 V. 40/60 cycles a.c., add ........ $2.50

YOU'LL BE PROUD TO OWN A Lafayette
CUSTOM built throughout, this deluxe Lafayette receiver has been designed for those desiring the finest in radio performance. It has the mighty voice of Stentor—the matchless tone quality of a rare Stravarius. 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 mantel cabinet illustrated above houses the powerful 12-tube superheterodyne chassis that features:

LIMITED WORLD COVERAGE: three bands cover from 340 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 shortwave 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, 6X8 converter, 388 i.f. amp. detector and a.c., 627GQ a.f. amp. and phase inverter, 4-2S55's in push-pull parallel output stage, 855 tuning "eye", 2 2S55 rectifiers and 6A7 converter for pushbutton 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" speakers.

TELEVISION SOUND and phono input provided for by means of tip jack and switch.

LONG WAVE MODELS: both mantel 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 mantel and console cabinets are constructed of the finest Walnut veneers.

MANTEL MODELS

Model CC-47


Code GLINT. YOUR COST $57.50

Model 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 GARTH. YOUR COST $57.50

For 220 v. operation, either model, add $3.50

AUTOMATIC PHONO-RADIO COMBINATION

Model CC-41 Auto. 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 220 volts, a.c. or d.c. Shpg. wt. 135 lbs.

Code GLAZE. YOUR COST $119.95

Model CC-46 With Single Record Player

Same as above, but with Garrard UCS-G Single Record Player assembly in place of the automatic record changer. Shpg. wt. 120 lbs.

Code GEMIN. YOUR COST $107.50

SPECIAL LONG WAVE SETS

Model CC-68 Auto. 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.

YOUR COST $119.95

Model CC-81 With Single Record Player

Same as above, but with Garrard UCS-G Single Record Player assembly in place of the automatic record changer. Shpg. wt. 120 lbs.

Code GRAND. YOUR COST $107.50

SEE PAGE 72 FOR FULL DETAILS ON GARRARD.
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? Charlie's newest quiz? They're 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—put 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.

FOR RADIO PROGRAMS

The Lafayette Dual-Antenn-Aire 3-Band 8-Tube Superhet provides unequaled reception of both foreign and domestic programs. Reception is clear and crisp—no matter the signal strength. Three bands are covered—foreign, domestic, and a short wave band. A short wave receiver is a real find for the hams. The Automatic Record Player will play any 78 or 45 rpm record, as well as any 10 or 12 inch 78 rpm record. The Automatic Record Player has a built-in amplifier and speaker. The receiver is a real find for the hams.

FOR RECORDED PROGRAMS

The Lafayette Automatic Record Player has a built-in amplifier and speaker. The receiver is a real find for the hams. The Automatic Record Player can be used with any record player. The Automatic Record Player has a built-in amplifier and speaker. The receiver is a real find for the hams.

MANUAL PLAYER AVAILABLE

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

CUSTOM-BUILT TO EXCEL

Model BB-7 Combination

Stylist 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 tonal quality. The Radio—the famous Lafayette Dual-Antenn-Aire 3-Band 8-Tube Superhet (fully described on page 16) 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: 26 1/2" x 15 3/4" x 35" high. For 110-120 volts 50/60 cycles a.c. Shpg. wt. 135 lbs. Code BLAZE.

YOUR COST

$99.95

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 ACG 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.

Code BLMG.

YOUR COST

$84.95

Model 998 Cabinet Only

Cabinet only as illustrated. Not drilled. Inner top panel under cover for radio and record player—dimensions: 27 1/4" long by 15 3/4" wide by 5 1/4" deep under cover. Wood baffle cut for standard 12" speaker in lower section. Shpg. wt. 78 lbs. Code LUSTY.

YOUR COST

$29.95
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 unequaled 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)
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 superhet/dynecine 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. The automatic tuning system is incorporated to limit the upper register when tuning short-wave programs or when unusual noise conditions are encountered.

VISUAL TUNING: a type 6US tube is used on 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. Lip locks 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 as 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 pilasters fronting the cloth covered speaker opening, and has neatly rounded corners. Top and bottom pieces are attractively carved. It will add charm and distinction to its surroundings.

Combination Model: Shown below. Constructed of selected burr 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 Garrrad 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. $44.95

BB-11 In Console Cabinet
Same as above, but in Console Grand cabinet as illustrated. $64.50

BB-12 Aut. Combination
Comprises model BB-10 plus a Garrard model RC-10 Automatic Record Changer in deluxe console cabinet. $109.95

BB-13 With Single Record Player
Same as model BB-12, but with Garrard ACS-G single record player in place of the automatic record changer. $96.50

See page 72 for details on Garrrad Lafayette is unsurpassed.
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 radio combination to fully appreciate how superbly 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 symphony directed by the live artistry of 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 Antenna-aire. 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 Auto. 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, 37 1/2" high, 18 1/4" 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 73 for details on Garrard). Shpg. wt. 178 lbs. Code BASTE. YOUR COST ...
$127.50

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 phone-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 Antenna-aire, 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
YOUR COST, COMPLETE... $134.95

Model BB-17 Phono-Radio With Single Record Player
Same as above, but with Garrard ASC single record player (see page 72 for detailed description). Shpg. wt. 200 lbs. Code BEAUX.
YOUR COST... $119.95

For 220 volt, 40/60 cycle operation, either of the above models, add... $5.95
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 148K7 R.F. Amplifier on ALL bands; 248K7’s I.F. amplifiers; 148SA7 converter, 148S diode detector and a.v.c.; 14P5 audio amp.; 147BY6 driver; 24V6G’s push-pull output; 14ZY8 rectifier; 14US tuning indicator.

**VOLUME EXPANDER AMPLIFIER** (operates on phono only) uses 4 tubes: 6CG twin triode, one section as audio amp., second section as expanded amplifier; 587 supplies rectified control voltage and acts as first expander; 6CS expander amplifier and bass compensator; 62Y5G 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 noises and reduces static noises when station is tuned.

**TONE 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).

**PERFORMANCE**

**RECORD CHANGER**

**15 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, performs efficiently and AUTOMATICALLY plays the records of your choice in sequence. And you can repeat or reject any selection at will.
A NEW HIGH IN QUALITY

PHONO COMBINATIONS
FOR THE ULTIMATE IN HIGH FIDELITY

NU 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 burr Walnut veneers with contrasting bands of inlay. 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-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 ACE-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 lowboy console shown at the right.


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 ACE-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 2-a full 1000 hours of enjoyment 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 a tuner-Collinear 1-1HSQ as I.F. amplifier, 1-1HSQ as 2nd detector—AVC 1st audio and 1-1CSG as output amplifier. A specially matched PM dynamic speaker assures excellent tone quality. Tuning range is from 525 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. YOUR COST (Less Battery Pack) $15.95

5 TUBE 2 BAND 1½ VOLT Super

ACK 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". 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 (556-1730 MHz) and 6 to 23 MC (13-56 meters); 5 low drain tubes (1A7G, 2-INSG's, 1-1HSQ, 1-1ASO); 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. YOUR COST Less Batteries $19.95

5 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: 6DEG converter, 11VGP I.F., 677G detector, a.v.c., 1st audio, 2-INAG parallel driven and 1-1HSQ class B power output tube. Tuning ranges are—540 to 1730 KC (556-1730 MHz) and 6 to 23 MC (13-56 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: 17½" x 8½" x 8". Shpg. wt. 23 lbs. Code WUVWZ. YOUR COST $24.95

For suitable storage batteries see page 40. For a complete listing of suitable Windchargers see page 38.
STUBE 2BAND 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-ING5's as l.f. amplifiers, 1ASG detector, and audio and 25ZZ rectifier.

VERSATILE OPERATION. Either a battery pack, or any 110 volt o.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. Shp. wt. 19 lbs. Code EC1AT.

YOUR COST, LESS BATTERY PACK

$24.95

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

$25.45

For 220 volt adapter cord, add $2.45

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 box 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 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., 6X7 i.f. amplifier, 677G second detector, a.v.c. and first audio, 6SC6 output and 25ZZC rectifier. Operation is from any 6-volt storage battery (see page 40) which can be charged from a "Wincharger" (see page 38) 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 1/2" wide, 9 1/2" high, 8 1/2" deep.

Shp. wt. 20 lbs. Code HEDGE.

YOUR COST, (less storage battery)...

**$22.95**

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 555 meters (543-1730 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 6X7 r.f. amp., 68K osc-mixer, 677G i.f. amp., adjustable det., a.v.c. and first audio, 6SC6 driver, 677G output and 6NS "eye" tube. Other features: high efficiency 8" 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 with tubes. Size: 18 1/4" wide, 10 1/2" high, 8 1/4" deep. Shp. wt. 26 lbs.

Code GMNO.

YOUR COST, (less storage battery)...

**$29.95**
**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 246T7G’s, 14X5G, 167G, 1407G and 147F. 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**, a 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. 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, 8-1/4" high. Specify type aerial to be used (racing board, roof, whip, etc.) Shpg. wt. 25 lbs. Quantity Limited. Code, PEACH. Original Price $69.95.

**Your Cost** $19.95

Star tailor-made control head with panel plate and knobs to match any car, additional $2.00 Be sure to specify make, model and year of car.

---

**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: 6B6 t.t. 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: 7-1/4" wide, 13-1/4" deep, 6" high. Shpg. wt. 17 lbs. Code WIELD. **Your Cost** $15.95
Lafayette 6 TUBE 3 BAND PORTABLE

STAR Panel Plate Kits

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

**K9303 UNIVERSAL UNDER DASH MOUNTING KIT**

**ALL PLATE KITS**

List $2.25

**YOUR COST EACH**.

Less Rem. Control... **$1.32**

*Unit for Olds. 1938 consists of plate assembly, and remote control head with switch.**

**YOUR COST**... **$3.97**

**Tone Controls**

T-1: 3-stage variation. Assembled in place of volume control switch.

**K9334 - YOUR COST**... **$1.18**

T-2: Same as T-1, but variable (100,000 ohms).

**K9335 - EACH**... **$1.18**

ST-2: As above, with switch, leads, etc.

**K9337 - YOUR COST**... **$1.76**

**1937 PHILCO Cables**

Special 231/4" cables. Fittings both ends. Wt. 3 lbs.

**K9238 - EACH**... **$1.15**
"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 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 cabinet. 13½" high, 13¼" wide, 7½" deep. $11.94

"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 hinged: 15¼" high, 13¼" wide, 7½" deep. Shpg. wt. 22 lbs. $23.95

Lafayette "MYSTERY" RECORD PLAYERS

K21817—"Junior" Mystery Player complete with tubes. For 110 volts, 60 cycles a.c. Shpg. wt. 17 lbs. YOUR COST $14.95


duces the recorded selection. Equipped with a 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 13½" high, 13¼" wide, 7½" deep. 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 7½" high, 15¼" wide, 13¼" deep. All models will play either 10" or 12" records with the lid closed. Refer to listing at right.

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, a.c. control and switch and pilot light current indicator. Plays either 10" or 12" records. Housed in rich brown bakelite case 12½" wide, 8¼" 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

A.C. Models
K21840—Lafayette Electric Home Player with Asmatic crystal pick-up, and motor with 10" turntable. For 110 volts, 60 cycles a.c. Shpg. wt. 18 lbs. YOUR COST $15.25

K21841—Same as above, but with Shure "Zephyr" pick-up and GARRARD motor with 12" turntable. Shpg. wt. 15 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

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 pickup 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 11¾" wide, 7½" deep, 3¾" high. K21850—Shpg. wt. 10 lbs. YOUR COST $5.65

RECORD PLAYER TABLE (illustrated at left)
A beautiful walnut-finished model especially designed to be used with table top record player. Incorporates optional speaker cabinet, in fine walnut-finished hardwood. 32½" wide, high polished. Finished in contrasting two-tone finish. Mounted on a Mandarin base, winged. Front has autolocking record changer with 12" speed flexibility. Dimensions are 32½" wide, 22" high, 13¼" deep. Ample space for storage of up to 80 records. Base is hardwood. Takes standard 78 rpm records. Shpg. wt. 50 lbs. Model 988—YOUR COST $17.95

A.C. Models
K21840—Lafayette Electric Home Player with Asmatic crystal pick-up, and motor with 10" turntable. For 110 volts, 60 cycles a.c. Shpg. wt. 18 lbs. YOUR COST $15.25

K21841—Same as above, but with Shure "Zephyr" pick-up and GARRARD motor with 12" turntable. Shpg. wt. 15 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

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 pickup 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 11¾" wide, 7½" deep, 3¾" high. K21850—Shpg. wt. 10 lbs. YOUR COST $5.65

RECORD PLAYER TABLE (illustrated at left)
A beautiful walnut-finished model especially designed to be used with table top record player. Incorporates optional speaker cabinet, in fine walnut-finished hardwood. 32½" wide, high polished. Finished in contrasting two-tone finish. Mounted on a Mandarin base, winged. Front has autolocking record changer with 12" speed flexibility. Dimensions are 32½" wide, 22" high, 13¼" deep. Ample space for storage of up to 80 records. Base is hardwood. Takes standard 78 rpm records. Shpg. wt. 50 lbs. Model 988—YOUR COST $17.95
## Lafayette All-Metal Tubes

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## Lafayette 'GT' Bantam Tubes

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## Single End 'GT' Bantam Tubes

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## Loctal Series Tubes

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## Hytron "Bantam Junior" Tubes

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Price</th>
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<td>HY11S-Pentode, A.F. Interstage or output tube, 45 volts plate, Mu-800. Output 5.3 mw. NET PRICE: $2.00</td>
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<tr>
<td>HY12S-Pentode, A.F. Power tube, 45 v. plate, output 11.5 milliwatts. NET PRICE: $2.50</td>
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<tr>
<td>HY13S—As above, but 15 mw. output. YOUR COST...$1.50</td>
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RCA Radiotron Glass Tubes

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RCA Radiotron "GT" Bantam Tubes

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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—burnt out or broken tubes, however, are not replaceable.

Famous RCA Pencil

A special, automatic nontouch 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.

K21915—YOUR COST—$1.00
FREE with purchases totaling 50 RCA Radiotrons.

Imprinted Tube Stickers

A handy way of recording the condition of your customers' tubes. For glass and metal tubes. Will not chalk on metal tubes. In rolls of 200.

K21915—YOUR COST—$1.00
FREE with 50 Radiotrons.

O K Tags

A handy way to keep track of reorder work. Hose 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 reproduction of RCA Radiotron carton 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).

K23004—85¢
FREE with purchases of 35 RCA Radiotrons.
## RCA Radiotron G-Series Tubes

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## RCA Radiotron All-Metal Tubes

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## RCA Radiotron "Loktal" Tubes

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## Pricing Information

- **Illuminated Sign**: For counter or window. Features radio service work as well as an RCA tube carton. 3 colors. With card and 30 watt lamp and suction mounting bracket. $1.50
- **Package Tape Machine**: An asset to any retailer for a quick, clean wrapping job. Available. Complete with 5 rolls of unimprinted tape. $2.50
- **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. K33002 With Pad $65. **Personal Billheads**: With Free with 75 RCA Radiotrons.
- **Calling Cards**: Free with 50 FCA Tubes.
- **Not Home Cards**: With 3-line imprint (give name, address, phone). K23004 $75. **FREE with 35 RCA Tubes**
To eliminate generator noise.
Shields. Dirt and oil proof. Stock Nos. p
K14324 25 15c $1.35
K14245 1.0 1.70
K14226 1.0 24c 2.15
K14731 shim to above, but Dual—2—5 mfd. with 2 leads.
Your Cost 35c

FORD V8 Condensers
Tailor made for Ford V8’s.
K14229—Type A. For V8 models up to 1942. 10 for $1.59
K14399—Type (B) for ’37 and ’38’s 10 for $1.59
Your Cost Each, Either Type $1.70

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 $1.37

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 19c

SPRAUCHE Oil and Gas Gauge Filters
For late 1935 and 1936 Ford V8. Similar in appearance to above.
K14203—Oil Gauge Filter.
K14204—Gauge Filter. Your Cost Each 29c

Wheel Static Eliminator
Eliminates front wheel noise. Easy to install in each hub cap.
All rust proof.
K5294 5c
Your Cost Each 100 for $2.75

AEROVOX “Hash” Condenser
A tubular paper condenser which mounts directly on the generator and is connected across terminals. Eliminates all generator noises. Capacity .5 mfd., 100 volts. Dirt and oil proof. Voltage. Has grounded bottom bracket and top terminal lug. Size 34x111/4.
K14217 Your Cost Each 24c

AUTO RADIO ACCESSORIES

Standard Auto Radio Condensers

To eliminate generator noise. Shielded. Dirt and oil proof. Stock Nos. p
No. Cap. Mfd. Cost for
K14324 25 15c $1.35
K14245 1.0 1.70
K14226 1.0 24c 2.15
K14731 shim to above, but Dual—2—5 mfd. with 2 leads.
Your Cost 35c

FORD V8 Condensers
Tailor made for Ford V8’s.
K14229—Type A. For V8 models up to 1942. 10 for $1.59
K14399—Type (B) for ’37 and ’38’s 10 for $1.59
Your Cost Each, Either Type $1.70

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 $1.37

Dome Light Filter
Eliminates the noise in dome light wiring. Has condenser-choke
K14208—5 for $1.20
Your Cost 31c

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

SPRAUCHE Oil and Gas Gauge Filters
For late 1935 and 1936 Ford V8. Similar in appearance to above.
K14203—Oil Gauge Filter.
K14204—Gauge Filter. Your Cost Each 29c

Wheel Static Eliminator
Eliminates front wheel noise. Easy to install in each hub cap.
All rust proof.
K5294 5c
Your Cost Each 100 for $2.75

AEROVOX “Hash” Condenser
A tubular paper condenser which mounts directly on the generator and is connected across terminals. Eliminates all generator noises. Capacity .5 mfd., 100 volts. Dirt and oil proof. Voltage. Has grounded bottom bracket and top terminal lug. Size 34x111/4.
K14217 Your Cost Each 24c

AUTO RADIO ACCESSORIES

TRUSTED! 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
K5253 B Compact Spark Plug Type for Ford V8
K5285 D Cable Type for Buick
K5277 D Standard Distributor
K5293 F Distributor Type for Ford 1936 and earlier
K5277 F Distributor Type for Ford 1937—38—39
K5265 Elbow; for 1938 Plymouth.
19 for $4.8c
50 for $24.20
Your Cost Each 10c

Master Ignition Distributor Suppressor
For distributor only. Hermetically sealed; impervious to heat and moisture. Eliminates need for other suppressors. DC and AC; 10,000 volts.
K5284—Your Cost Each 27c
5 for 10c

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” cable.

Stock No. Stock Description
K8427 6 B8546 .130” Round Type (B) 10c
K8428 6 B8546 .150” Round Type (B) 12c
K8429 .130” Round Type (D) 15c
K8430 .150” Round Type (D) 6c

Stock No. Cost
K5237 Distributor Type Each 10c
K8419 Distributor Type Each 17c
K8420 Distributor Type Each 12c
K8423 Distributor Type Each 9c
K8427 Distributor Type Each 4c
K8429 Distributor Type Each 2c

WIRE-WOUND Suppressors

K5296—Spark Plug Type
Your Cost Each 27c
9 for 20c

Cable and Housing

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

Cable Only
130’—150’ Your Stock Length Cost
No. No. In. Each
K8399 K8434 15 24c
K8300 K8434 24 25c
K8301 K8430 30 36c
K8302 K8430 40 45c

Cable and Housing
130’—150’ Your Stock Length Cost
No. No. In. Each
K8304 K8437 15 38c
K8305 K8438 24 50c
K8306 K8437 30 62c
K8307 K8437 40 75c

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.
K3078—Your Cost $1.35

Cable Swedging Tool
Will remove old fittings, stop shifting and housing without damaging the wire so that they can be used again. When swedging both .130 and .150 housing. Also fastens and seals both cable and housing fittings. Can be used in vice with special base listed below. Wt. 3 lbs.
K8326—Less Base.
Your Cost Each 7.35
Special Base. Cast semi-steel base for above. Wt. 2 lbs.
K8328 Base only. 2.94

“A” Line R.F. Filter
For eliminating interference coming through the “A” supply. This is tested on connecting antenna and noting whether interference persists. Thor-oughly shielded and simple to install.
K14205 Your Cost 73c

Noise Eliminator
This Flitron Robotoil eliminates the need for spark plug suppressors by cutting out all igni-
tion interference. Installed in antenna lead-set; shielded lead sup-
plied. Cordless installations. Ship. wt. 2 lbs.
K14202 Last $2.25
Your Cost $1.05

Rubber Tubing
For replacement on H.C. Cowl, Under-
car antenna lead-ins, etc. Strong, pliable rubber tubing, lead-in end, fits lead-in end of Replies, and inc. 10c
K10600—3 Feet

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 Motorolas; lead plus plug-in and antenna coupler. 30' long. Each $72.50
K21802 - Motorola lead for Buick and Oldsmobile running-board 18". Each $44.00
K21803 - Motorola lead with Standard Motorola coupler and swivel screw. For side car. Each $44.00
K21804 - Special lead for Buick 1939 running-board 14' long. Each $26.00
K21805 - 2 ft. male connector and ant. end. Each 26c
K21806 - 2 ft. male and female connector. Each 26c
K22027 - 4 ft. male connector and ant. end. Each 36c
K22028 - Same, but 6 ft. Each 49c
K22029 - Same, but 8 ft. Each 72c
K21807 - 6 ft. #16 primary lacquered weatherproof interconnecting lead. Complete with mounting lugs. Each $2.75
K21808 - 4 ft. male and swivel screw. For side car. Each 50e

Plug Connectors
K21810 - (A), For Motorola-lead-in $6.00
K218010 - (B), For Standard lead-in $6.00
K21809 - (C), For '59 Buick Lead-in $9.00
K21709 - (D), For 39 Buick Lead-in $9.00
K21704 - (E), For standard lead-in $18.00
Your Cost Each

K21801 - Your Cost $1.23
K21802 - Your Cost $1.43
K21803 - Your Cost $1.65
K21804 - Your Cost $2.75
K21805 - Your Cost 26c
K21806 - Your Cost 27c
K21807 - Your Cost 36c
K21808 - Your Cost 50e

STAR Auto Aerial

Kits
Select rod, by size, bracket, kit, by type and make up your antenna to suit. Quick, easy installation. Rods are of stainless steel and Admiralty brass tubing, all heavy chrome-plated. All rods are in 3-sections. Mfg. kits include 36" low-loss lead with Rod only. 22½" to 60", each.
K21901 - Rod only, 22½" to 44", Each $1.23
K21902 - Each Rod only, 36" to 94", Each $1.43
K21903 - Each Rod only, 36" to 94", Each $1.65
K21904 - Each Hinge type bracket Mounting Kit $47.00
K21905 - Each 3-section side-cowl Mounting Kit $21.00
K21906 - Each Under hood bracket Mounting Kit $82.00
K21907 - Each Hinge bracket Mounting Kit $57.00
K21908 - Each Under hood bracket Mounting Kit $35.00

Double Rubberall Auto Aerial

K21816 - Special 4-section aerial; extends from 21" to 64'. With 5 ft. shielded loom lead-in wire. Your Cost $1.65

Automatic Auto Antenna
Can be raised or lowered from inside the car. A stroke two with p neumatic principles, with "up" testacy until desired. Complete with operating mechanism mounts under cash, with only plastic handle showing. At rest, 3" extends above hood. Fully extended, measures 22". Chromed finish. With low power capacity.
K21840 - Your Cost $3.50

Deluxe Auto Cowltenna
Attractive, telescopic cowl antenna. Has anti-static ball tip, 2 ceramic insulators and anti-cable features. 4-sections; extends from 29¼" to 100 inches. Complete, with 36" shielded cable. Wt. 3 lbs.
K21841 - Your Cost $2.50
K21971 - Same as above, but 3-sections. Extends to 64¼". Your Cost $1.76

"Trombone" Antenna
A directional antenna that delivers maximum pickup with minimum noise. Easy to install. Complete with shielded lead-in wire and adjustable mounting brackets. Wt. 4 lbs.
K22042 - Your Cost $5.95

J.F.D. Cowl Type Antennas
Improved side-cowl type auto aerials. All are mechanically and electrically noiseless. Uses Standard diameter Admiralty metal tubing, which is chromium plated and beautifully finished. All have anti-static features and streamlined moulded batelle insulators. Design facilitates quiet and simple installation, and provides a highly efficient car antenna. Supplied with 36" low-loss shielded lead.
No. Sect. Leth. Each K21945 - 2 62" 1.43
K21958 - 3 66" 1.72
K21959 - 3 88" 2.08
K21963 - 3 108" 2.96
K21964 - 3 108" 2.96
K21965 - 3 108" 2.96
K21966 - 3 108" 2.96
K21967 - 3 108" 2.96
Your Cost Each

Arch Auto Hoodtennas
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, heavy chrome plated. With 100" low-loss lead.
Stock No. See I. Each K21843 - 2 50" $1.25
K21844 - 3 100" 2.47
K21845 - 3 100" 2.47

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, heavy chrome plated. With 100" low-loss lead.
Stock No. See I. Each K21843 - 2 50" $1.25
K21844 - 3 100" 2.47
K21845 - 3 100" 2.47

Hinge Aerials
Constructed of brass, heavy chrome plated and easily attached to the door hinge on any car. Strong cast bracket of white metal, large bolt and lock nut. Absolutely rust-proof. Furnished with 8-foot weatherproof lead-in cable. Maximum extended length, both models listed, 50'. Fresh models are real efficient units and are popularly priced.
At Cost $89.00
K21937 - Two-Sections
At Cost $1.15
K22064 - Three-Sections
8-Ft. Bumpered

3-Piece Telescopic unit, three sections Maximum Length 8-feet. (Ideal for 5-6 meter work). Steel; rust proof; with overall casting inside plating. Fits any front or rear bumper. With shielded lead. Shpg. wt. 4 lbs. K22032 - Your Cost $1.29

Di-Pole Antenna
Ideal type for under-car installation. Has adjustable bracket for low signal areas. With 60" shielded cable, bayonet connector and fittings. Shpg. wt. 3 lbs.
K21838 - Your Cost $1.53

Manually Concealed Cowl Antenna
Unique cowl mount aerial, which, when collapsed, is barely visible. Bakesite and copper mount brackets. Complete with 36" shielded cable. Concelled from concealment to 60' sections. With 30" shielded cable and bayonet fitting and all hardware.
Your Cost $1.95

Aero-Top Antennas
K22033 - For cars with windshields that open. Your Cost $2.10
K22034 - For cars with windshields that do not open. Your Cost $1.10

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, heavy chrome plated. With 8-foot lead.
Stock No. See I. Each K21843 - 2 50" $1.25
K21844 - 3 100" 2.47
K21845 - 3 100" 2.47

Hinge Aerials
1-Piece
Easily attached to the door hinge of any car. Solid stainless steel rod, cadmium plated on copper. Molded insulation. No drilling. With 2-foot lead.
K22043 - Your Cost $39.00

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 insulators. With 5-foot lead. Wt. 4 lbs.
K22036 - Your Cost $1.10

2-Piece Aerial
Extends from 29¼" to 47". Molded insulation supplied complete with lead-in and protective rubber sleeves.
K21828 - Each $78.00
Lots of 5, Each $73.00

Double "Hairpin" Undercar Aerial
K21829 - Your Cost $93.00

Lots of 6. Each $86.00

Perfect Merchandise - Prompt Shipment - Personal Service
MALLORY REPLACEMENT VIBRATORS

8 CONTACTS  
LONGER LIFE  
GREATER DEPENDABILITY

- Stock Name and Type  
- Your Model  
- No.  
- Cost

Admiral  
K6088  L, T, Z, 24  
245C  $2.91

K6083  6D, T, 66  
850  1.73

Arvin  
K6137  15, 25, 35, 45  
(1st series)  
296  1.73

K6137  15, 25, 35, 45  
(2nd series)  
292  2.03

219  4.41

K6137  9, 17, 17A, 17B, 17C  
37, 18, 28, 33  
294  1.73

K6096  618B, 62S, 517B  
245  2.91

K6136  6, 29, 39  
294  2.03

K6136  6, 22A, 52, 42  
294  2.03

K6083  9A, 15A  
294  2.03

Atwater-Kent  
K6137  666, 676, 766  
296  1.73

Belmont  
K6136  666, 666, 690  
294  1.73

K6070  670A, 671A  
294  2.31

K6136  680A, B, C  
294  2.31

Bosch  
K6125  5 24 A, A, 634  
634 A, 139, 634 B  
253Y  1.73

K6127  149 (Ed. 2, 2.6, 3)  
271  3.50

K6126  159 (Ed. 1)  
210  4.41

K6127  45, 44C, 150  
271  3.50

K6127  79C  
253  2.31

K6006  690, 691  
245  2.91

Buick—Olds, Pontiac  
K6113  990933, 364441 221  2.31

K6114  980059, 364441 222  2.31

K6114  980441, 4037  
222  2.31

K6114  644267-8  
273C  2.31

K6114  405056-7  
273C  2.31

K6114  980587-8  
273D  2.31

K6114  405062-3  
253  2.31

K6074  1308221  
716  2.91

Cadillac  
K6106  018  
210  4.41

K6106  277 (920A)  
210  4.41

K6123  672  
253  2.31

K6076  670A, B, C  
294  2.03

K6093  6KB, 5X, B  
248  2.91

K6081  1430970  
554  2.31

K6082  7202553  
852  1.73

Copper Shielding Wire  
Used for: shielding of interference  
creating circuits. Easily woven.  
BARE  
TINNED

Stock Per Diam. Stock Per  
No.  
Per Ft.  
No. Ft.
KL6234  1 1c K16227  2c  
KL6235  2c K16228  3c  
KL6236  1c K16229  2c  
KL6237  1c K16230  2c

Shielded 7 MM. Wire  
Lacquered braided wire with a  
heavy copper covering over  
tightly woven tinned copper  
shield. When used over 7 lbs. of 100 ft.  
K61211—Per Foot  
Your Cost  
4½  
K61211—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  
K20852—100 Feet  
$2.50

Fuse Retainer  
Two piece connector of high  
copper tin coated. Inside insulation  
2½" long.  
K23732—10 for 42c Each  
6C

Antenna Connector  
Two piece metal container, fibre  
inside inside insulation.  
Powerful spring  
contact. 12 for 32c  
K61714—Your Cost  
4C

MALLORY "4-4" Vibrator  
A competitively priced  
vibrator similar to standard  
Mallory number 24 but  
with 4 contacts only.  
Use in low 24v battery  
or auto sets only.  
Standard 4-prong base,  
base size: 34-34c  
$1.03  
In Lots of 6, Each  
$1.73

No. 853 Vibrator  
Mallory replacement for current  
Colonial, Sears-Booche and  
Firestone repeaters.  
K6076—Each  
In Lots of 6, Each  
$3.56

Hull Auto Compass  
Plug up to 20 holes in auto  
top, cowl, etc.  
Fits all flat-head machines  
with 1 or 2, 3, 4, 5 or 6  
washers, rubber space,  
and nuts.  
K3111—Your Cost  
$2.49

Hull Auto Body Plug  
Plug up to 20 holes in auto  
top, cowl, etc.  
Fits all flat-head machines  
with 1, 2, 3, 4, 5 or 6  
washers, rubber space,  
and nuts.  
K3112—Your Cost  
$2.49
Gas-Driven Generators

10 Foot Tower

Hy-Tower "Skyscraper"
Windcharger – Free Power!

New and greatly IMPROVED! Never before such efficient, trouble-free performance, starting in a 7 3/4 mile breeze. And an exclusive Air-Brake Governor, operating by centrifugal force, assures absolute safety at all times. Has charging rated at 17 amperes and will charge any standard 6 volt storage battery used for radio 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 calculated to avoid radio interference. With this unit, it becomes a simple matter to provide lighting for living houses, homes, etc., without running wires and setting up poles over any great distance. Shpg. wt. 75 lbs.

K17274 YOUR COST When Purchased With Any Lafayette Radio
Purchased Separately, Your Cost Each $17.50 $19.75

PINCOR “Blue Diamond” 300-Watt Gas Driven A.C. Generators

These sturdy, efficient plants deliver "city" electricity, 110 volts, 60 cycle, etc., for operating radio receivers, lights, farm and home appliances, etc. Also deliver 6 volt current for charging storage batteries. Utilize the powerful Blue Diamond 4 cylinder, single-cylinder, air-cooled engine, rated at 34 1/2 HP. All models have push-button for starting, and also have auxiliary hand starter. Engine operates from 12 to 16 hours on one gallon of gasoline. The tank has 1-gallon capacity. Filter recommended where unit is operated near water. Size: 19 1/2" long, 14" high, 14" wide.

K13800—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
K13881—Same as above, with remote control; ammeter and voltmeter in control box. List $104.95.
Your Cost
K13882—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
K13883—As above, with remote control, ammeter and voltmeter in control box. List $122.45.
Your Cost
K13887—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 engine. 600 watts model has 1 cylinder engine (runs approx. 7 hrs. on 1 gal. gas);—1 kW. has 2 h.p. (runs 4 to 5 hrs. on 1 gal. gas). Single or self-excited generator mounted on engine shaft. Push-butto n electrical starting (requires 12 v. battery); auxiliary rope starter. K13894—600 W. Model. 20 x 15 x 15 1/2”. Wt. 160 lbs.
Your Cost
K13895—1 kW. Model. 28 x 17 1/2 x 19”. Wt. 190 lbs.
Your COST, F.O.B. Chicago
$134.60

STANCO 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.

K15695—Standard 6 v. Pack, Delivered 6-volt at 12.5 amps. With output meter, voltage controls, etc. Size: 14x8 3/4x7 1/2". Shpg. wt. 29 lbs.
Your Cost
Your Cost
$19.55

Lafayette Rotary Converters with Radio Filter

Converting and adding to a new line of low priced d.c. to a.c. converters incorporating many improved features. All have double wound armatures with separate d.c. and a.c. windings; good regulation of output voltage; extremely quiet operation. Large air cooled fans and an efficient radio noise filter. Sizes other than those listed can be supplied for any voltage and wattage. Extra filters can be obtained for any output voltage and wattage. List $19.85. Converters and gas-driven generators are available for all applications. Write for details and prices.

110 Volts D.C. to 110 Volts A.C.
Shpg. wt. 70 lbs.
K17279 Model C, for 6-v. batteries, 150 watts.
$37.50
K17276 Model D. Charges 6 and 12 volt batteries. 150-250 watts.
With self-starter.
Your Cost, Complete
K17272 For charging 32-volt batteries—250 watts.$39.05
K17273 For 32-volt lighting—280 watts$47.25

Genuine Mazda Edison Base 6-Volt Light Bulbs
Your Cost
K12255 15-watts. Draw 2.5 amps.
$2.50
Each$2.50
Available in two types; one for operation from any 6-volt storage battery, and one for operation from one 115 v., 60 cycle 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., 105 v., and 180 volt taps. Output for "A" and "B" is pure d.c., filtered thoroughly for radio receiver use.


Your Cost $13.04

Used in battery chargers, "A" eliminators, etc. Can replace various types and brands of equal rating. Tested. Type Rating Your Cost
K2190 Type Rating Your Cost
K2190 A 5 amp. . . 2 . 9 4
K2190 B 2 amp. . . 2 . 9 4
K2190 C 2 amp. . . 2 . 9 4
K2190 D 6 amp. . . 3 . 6 7
K2190 E 15 amp. . . 7 . 3 5

New MALLORY Chargers

Battery Booster Illustrated at "A". Dry disc rectifier, type with 4 to 2 ampere change. 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 to receptacle for dash mounting. 61 1/8 x 3/4" deep. Finished in black wrinkle. For 115 volt, 50/60 cycles a.c. operation. Shpg. wt. 1 lb. K15656—List $7.35. Your Cost $5.19

Model SS36B Charger Illustrated at "B". Delivers 1 to 2 amperes tapering charge. Employs dry-disc rectifier, has circuit breaker, and thorough ventilation. Large meter permits measuring charging rate. Finished in black wrinkle and chrome finish. Has 6 ft. A.C. cord, 6 ft. D.C. cord, and receptacle for dash mounting. For 115 V., 50-60 cycles A.C. Shpg. wt. 1 lb. K15689—List $11.50. Your Cost $7.52

Model 107 Heavy-Duty Charger Illustrated at "C". Has 0 to 15 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. Has 6 ft. A.C. cord, and receptacle for dash mounting. Size: 9 1/4 x 6 1/2 x 6 1/4". For 115 v., 50-60 cycles A.C. Shpg. wt. 1 lb. K15700—List $15.00. Your Cost $9.80

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 one 115 v., 60 cycle 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., 105 v., and 180 volt taps. Output for "A" and "B" is pure d.c., filtered thoroughly for radio receiver use.


Your Cost $13.04

Used in battery chargers, "A" eliminators, etc. Can replace various types and brands of equal rating. Tested. Type Rating Your Cost
K2190 Type Rating Your Cost
K2190 A 5 amp. . . 2 . 9 4
K2190 B 2 amp. . . 2 . 9 4
K2190 C 2 amp. . . 2 . 9 4
K2190 D 6 amp. . . 3 . 6 7
K2190 E 15 amp. . . 7 . 3 5

New MALLORY Chargers

Battery Booster Illustrated at "A". Dry disc rectifier, type with 4 to 2 ampere change. 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 to receptacle for dash mounting. 61 1/8 x 3/4" deep. Finished in black wrinkle. For 115 volt, 50/60 cycles a.c. operation. Shpg. wt. 1 lb. K15656—List $7.35. Your Cost $5.19

Model SS36B Charger Illustrated at "B". Delivers 1 to 2 amperes tapering charge. Employs dry-disc rectifier, has circuit breaker, and thorough ventilation. Large meter permits measuring charging rate. Finished in black wrinkle and chrome finish. Has 6 ft. A.C. cord, 6 ft. D.C. cord, and receptacle for dash mounting. For 115 V., 50-60 cycles A.C. Shpg. wt. 1 lb. K15689—List $11.50. Your Cost $7.52

Model 107 Heavy-Duty Charger Illustrated at "C". Has 0 to 15 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. Has 6 ft. A.C. cord, and receptacle for dash mounting. Size: 9 1/4 x 6 1/2 x 6 1/4". For 115 v., 50-60 cycles A.C. Shpg. wt. 1 lb. 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. of Stock No. of Stock No. of Stock No. of
Common Plates Cap Rating Wh. Cost
K21908 10 92 105 38 $5.95
K21907 14 52 120 42 6.95

Battery Charger For Above

Small and silent in operation. Weighs less than 1 lb. For 110 volt a.c. (20/40/60 cycles) or D.C. Shpg. wt. 1 lb. K15704—Your Cost Each $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 volt a.c. (20/40/60 cycles) or 110-220 volt d.c. at 200 ma., and 90 volts at 13 ma. Completely filtered; hum-free reception. "A" and "B" circuits are not connected simultaneously to unit in various types of portable sets. Compact construction, size: 3 1/4 x 2 1/4 x 2 1/2". Switch in line cord, turns radio to "on" or "off". Consumes only 7 watts when in operation. Shpg. wt. 4 lbs. K15705—Your Cost $4.41

Sensationally New!

EVERREADY "Mini-Max"

"B" Battery

For Portable Sets

Compact 1.4-volt "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 1/2 "L. 1 1/4", W. 5 1/2", H. With receptacle for standard plug,梦 $2.25. Shpg. wt. 3/4 lb. Net wt. 2 lb. Shpg. wt. 3 lb. K15156—Type 482 Your Net Cost Each $1.03

New Companion "A" Batteries

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

K15257—Type 718. 6 V. 2-prong socket. Dim. 3 1/2 x 1 1/2 x 1 1/2. Shpg. wt. 3/4 lb. Your Cost Each $0 66

K15251—Type 716. 6 V. 2-prong socket. Dim. 3 1/2 x 1 1/2 x 1 1/2. Shpg. wt. 3/4 lb. Your Cost Each $0 31

New Special "A" Batteries

Long-life "A" batteries for portable sets. Designed to match "Mini-Ma" "A" batteries, in 1 and 1/2 volt and 1 1/2 volt and 1 1/2 volt and 6 volt units are 10%32 x 1 1/4, 6 1/2X 1/2. 1 1/2 volt and 1 1/2 volt and 6 volt units are 10%32 x 1 1/4, 6 1/2X 1/2. Pop. 21559—Type 715. 4 1/2 volt 115 v. Shpg. wt. 5 lb. (Net wt. 3 lb.) Your Cost Each $0 66

K20160—Type 747. 2 volt 6-prong Shpg. wt. 5 lb. (Net wt. 3 lb.) Your Cost Each $0 69

TRUSTEST "A" & B" Battery Pack

Single, compact, and high quality. Designed for supplying 115 volts of 1/2 horsepower and 90 volts of "B" for 1 1/2 volt battery portables. Used in De Wald, Sentinel, SOMA, RPY, etc., receivers. With 4 hole plug-in socket. Dim. 4 1/2 x 1 1/2 x 1/2. Net wt. 4 lb. Shpg. wt. 4 lb. K20161—Your Cost $2.45

B-L Copper-Oxide Rectifiers

For pin games, "A" power for small chargers, field exciters, signalling equipment, etc. Shpg. wt. 1 lb. Each.... $3.00 Rectifiers 1 1/4 amp. at 6 V, 2.5 amps. at 4.5 volts. Type B-13. Your Cost Each $2.35

GTY 908—2 amp. at 6 V, 1 amp. at 8 V, Type B-15. Your Cost Each $2.65

HYDROMETER

Live red rubber bulb and nozzle; head float. Wt. 3 lb. K15954—Your Cost $2.44

We Will Not Knowingly Be Undersold
EVEREADY "A", "B" and "C" BATTERIES

A-B Pack Batteries

Type 748. Contains a 1 3/4 volt "A" supply and 90 volts of "B". The latter is of layerbilb construction. Has multiple sockets for use with 1 1/4 volt receivers, using either 3 or 4 pin plugs. Size: 15 1/2" x 5 1/4" x 6". Wt. 25 lbs.
Cost Each . $3.38

Type 749. 90 volt Layertilb battery for use with 1 1/4 volt non-portable receivers. Size: 15 1/2 x 3 1/2 x 7 1/2". Wt. 18 lbs.
K2043 - Your Cost Each . $2.17

BATTERIES FOR PORTABLE 1 1/4 V. SETS

The chart given below indicates the correct battery type for 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 consult Model No. and make of set.

BATTERY CHART

Battery Type Model Size Weight Cost
------------------- ------- -------- -------
Type 748. A "A" 15 1/2 x 3 1/2 x 7 1/2" 25 lb. . $3.38
Type 749. B "B" 15 1/2 x 3 1/2 x 7 1/2" 25 lb. . $2.17

PORTABLE 1 1/4 V. SETS

1.5 Volt "A" Batteries

Type 742. Four cell. 2 1/2" x 2 1/4" x 4". 250k. Wt. 2 lbs. . $3.42
K2013 - Each . $3.42
Type 743. Six cell. 2 1/4" x 2 3/4" x 5 1/2". 250k. Wt. 3 lbs. . $5.10
K2015 - Each . $5.10
Type 747. Eight cell. 5" x 2 1/4" x 5 1/2". 1200k. Wt. 4 lbs. . $6.66
K2018 - Each . $6.66
Type 748. Twelve cell. 1 3/4" x 2 1/4" x 6". 600k. Wt. 7 lbs. . $10.75
K2017 - Each . $10.75

1.5 Volt "B" Batteries

Type 762. 45 volt plug-in type battery with duplex socket so that it can be used with any type radio circuit. 2 1/4" x 2 3/4" x 5 1/2". Wt. 2 lbs. . $2.28
K2031 - Each . $2.28
Type 727. 45 volt plug-in battery with duplex socket. 4 3/4" x 1 1/4" x 6". Shpg. w/ 154 lbs. . $1.33
K2013 - Each . $1.13

BATTERY PLUGS

K20150 - Plug for use with any of the following battery types: 740, 741, 742, A-1300. Each . $1.69

2 Volt "Air-Cells"

Type A-1300. Former the latest battery-operated receivers using 1 1/4 volt tubes; current drain is 0.01 milliamperes. 1500 hours guaranteed, at 200 mill drain; shipped dry, just add water. Size: 5 1/2" x 1 1/2" x 3/4". Less Plug (see above). Wt. 14 lbs. . $1.69
K2036 - Each . $1.69

1 1/2 V. "A" Cells

Type 711. Equipped with corrosion-resistant metal tap. Exceptionally long life, 126" dia., 6" high. Wt. 1 lbs. . $3.06
K2036 - Each . $3.06

C "Batteries"

Type 768. Plug-in and clip type terminals for connecting to receivers. Size: 3 x 1 1/2" x 4". Wt. 1 lbs. . .
K2005 - Each . .

PORTABLE 2 1/2 V. "C"

Type 773. Has screw terminals. Taps at 3, 4 1/4; 6, 9, 10 1/4, 16, 22 1/4 volts. Size: 15 1/2 x 3 1/2 x 6". Wt. 1 lbs. . .
K2007 - Each . .

Type 774. Portable 2 1/2 V. "C". Post terminals. No taps. 8 1/2" x 1 5/8" x 3 1/2". Shpg. w/ 1 lbs. . .
K2008 - Each . .

Flashlight Cells

Type 556. Extra long life cells having the exclusive Eveready metal top. 1 1/8 x 2 1/2". K2024 - Each . .

Type 557. "B" body cells. 1 1/2 x 3". K2012 - Each . .

Pen-Life Cells

Type 561. Single 1 3/4 volt cell for pocket flashlights, hearing aids, etc. Size: 2 x 1". K2032 - Your Cost Each . .

LAYERBILT 45 V. "B" Batteries

High quality 45 volt B Battery with insulated caps. Tapped at 22 3/4 volts. Size: 4 3/4 x 2 1/4 x 6". Wt. 4 lbs. .
K2040 - $1.25

Eveready Batteries have established an enviable name for their various sets listed. 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.

EVEREADY PRICES ABOVE do not apply to export orders.
6 station motor driven push button tuner originally designed for Arvin models 2319, 22 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. Cowling allows manual tuning. Furnished complete with adapter plate for above sets, call letter tags, complete hardware and full operation and installation instructions. Dimensions (base adapter) 5½" x 6½". Push button: 4¼"x1¼"x1½". Wt. 8 lbs.

**Antenna Loading Coils**

For use with double antenna, 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K16356</td>
<td>Each</td>
<td>45¢</td>
</tr>
<tr>
<td>K17068</td>
<td>Each</td>
<td>5 For 25¢</td>
</tr>
</tbody>
</table>

**Auto Radio Knobs**

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K9346</td>
<td>Each</td>
<td>10 For 10¢</td>
</tr>
</tbody>
</table>

**Molded Auto Knobs**

For 3/4" or 5/4" shafts.

<table>
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<th>Model</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>K8335</td>
<td>No.</td>
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<td>K8337</td>
<td>Brown</td>
<td>$0.35</td>
</tr>
<tr>
<td>K8338</td>
<td>Wheat</td>
<td>$0.35</td>
</tr>
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<td>K8339</td>
<td>Peppermint</td>
<td>$0.35</td>
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<tr>
<td>K8340</td>
<td>Chromium</td>
<td>$0.35</td>
</tr>
</tbody>
</table>

**All-Wave Aerial Kits! Closeout!!**

All are noise-reducing double type, made by an outstanding manufacturer. Kits with couplers are copyrighted under Amy, Acealyn & King patents. Each kit is complete, as specified. Kit includes: transmission line; hardware, instructions, etc.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>K16455</td>
<td>Contains: 3-20 ft. coils No. 14 solid enamelled wire; 60 ft. transmission line; hardware, instructions, etc.</td>
<td>$4.99</td>
</tr>
<tr>
<td>K16456</td>
<td>Contains: 2-16 ft. 7/24 stranded enamelled wire; 60 ft. transmission line; hardware, instructions, etc.</td>
<td>$2.99</td>
</tr>
<tr>
<td>K16457</td>
<td>Contains: 2 coils 30 ft. No. 14 solid enamelled wire; 1 iron-core upper coupler; 60 ft. transmission line; all insulators; 1 double-lightning arrestor; 1 hi-potential lower coupler, etc.; plus hardware, instructions.</td>
<td>$1.49</td>
</tr>
</tbody>
</table>

**SHEIELDED CABLES, PLUGS AND SOCKETS AT BARGAIN PRICES!**

*A"—3-prong bakelite socket for use with cable and plug listed below (B). $3 For K16065 | Your Cost Each | $1.96 |

**B**—23 shielded 2 wire cable with 3-prong shielded plug attached. Wire color coded. $10 For K16086 | Your Cost Each | 25¢ |

**C"—4-prong bakelite metal and socket for use with cable and plug (D). $35 For K16087 | Your Cost Each | $2.00 |

**D"—30" shielded 2 wire cable and shielded 4-prong metal socket. $8 For K16088 | Your Cost Each | 60¢ |

**Television & H. F. Transmission Cable**

An unusually fine grade of transmission cable at ridiculously low prices. Two conductors of No. 16 stranded stranded wire with live Latex insulation. Twisted pair coated with an outer covering of tough rubber. Weatherproof. Supplied w/ lead-in with plug-connector, rubber cement, and full instructions. Wt. approx. 9 lbs. per 100 ft.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>K20941</td>
<td>Length Your Cost</td>
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<tr>
<td>K20942</td>
<td>25 ft.</td>
<td>$0.49</td>
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<tr>
<td>K20943</td>
<td>50 ft.</td>
<td>$0.90</td>
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<td>K20944</td>
<td>100 ft.</td>
<td>$1.75</td>
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<tr>
<td>K20944</td>
<td>150 ft.</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

**RCA Receiver Coupler 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 double antennas to the input impedance of the average receiver and increase efficiency.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K17077</td>
<td>Your Cost</td>
<td>25¢</td>
</tr>
</tbody>
</table>

**RCA Antenna Coupler**

Designed to match double antennas to the average transmission line. Supplied with a separate ground connection to reduce interference. Unit completely sealed with a special high temperature resistant sealing compound. Equipped with hanger at top.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K17075</td>
<td>Your Cost Special</td>
<td>33¢</td>
</tr>
</tbody>
</table>

**BUY NOW QUANTITIES LIMITED**
100 R.M.A. Color-Coded Carbon Resisters

All RMA color-coded—just what the serviceman needs. Time-resistors are used every day in the course of repair work. Kit contains approximately the following: 25—.04 watt, 25—.06 watt and 50—.1 watt resistors. All popular replacement values. Shpg. wt. 2 lbs.

K3862—
Kit of 100...

$1.15

50 ASSORTED RESISTORS

Similar to above kit, 50 resistors. Comprises 40—.04 and .06 watt, 10—.1 watt, resistors all color-coded. K3852—
Your Cost, Kit of 50...

$2.50

25 ASSORTED RESISTORS

Twenty-five assorted .04, .06 and 1 watt resistors. All coded. Shpg. wt. 1 lb.

K3867—
Kit of 25...

$2.95

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.

K3601—
Your Cost...

$1.00

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.

K3657—
Kit of 10...

$3.95

10 RADIO KNOBS

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

K3651—
Kit of 10...

15¢

10 R.F. CHOKE

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.

K31240—
Your Cost, Kit of 10...

$2.50

25 Bakelite and Fibre Insulators

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

K3767—
Your Cost, Envelope of 25...

6¢

Tubular Cartridge Paper By-Pass Units

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

Stock Cap. Wkg. Your
No. Mfd. Volts Cost
K3507 .01 400 .003
K3508 .05 400 .04
K3509 .10 400 .07
K3510 .25 400 .12
K3511 .4 400 .14
K3526 1.0 400 .15
K3532 2.0 600 .01
K3533 3.0 600 .02
K3534 4.0 600 .04
K3535 6.0 600 .06
K3536 8.0 600 .08
K3537 10.0 600 .10
K3538 25.0 600 .25
K3525 .5 600 .10

A Special Offer

Kit of 20 Wafer Sockets

Contains 20 assorted wafer sockets, all standard m'tg. centers ranging from 1 9/16 to 11/16. Include 4, 6, 8, and octals.

Shpg. wt. lb.
K3111—Your Cost...

25¢
Modern Wood Knobs

Handsome wood knobs, walnut color with high luster finish. All have markings, as indicated; lettering in gold. All Spring Type for ¾" Shafts.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>Markings</th>
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<tbody>
<tr>
<td>K1012</td>
<td>7/16</td>
<td>14</td>
<td>Band Switch (with 3 dots)</td>
<td>6c</td>
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<tr>
<td>K1013</td>
<td>7/16</td>
<td>14</td>
<td>Band Switch (with 5 dots)</td>
<td>6c</td>
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<tr>
<td>K1014</td>
<td>7/16</td>
<td>14</td>
<td>Tone Control; Set On-Off</td>
<td>5c</td>
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<tr>
<td>K1015</td>
<td>7/16</td>
<td>17</td>
<td>Volume Control</td>
<td>5c</td>
</tr>
<tr>
<td>K1016</td>
<td>7/16</td>
<td>17</td>
<td>Tuning</td>
<td>5c</td>
</tr>
<tr>
<td>K1017</td>
<td>7/16</td>
<td>17</td>
<td>Band Switch; SW—Broad</td>
<td>4c</td>
</tr>
<tr>
<td>K1018</td>
<td>7/16</td>
<td>17</td>
<td>Volume Control; Set On-Off</td>
<td>5c</td>
</tr>
<tr>
<td>K1019</td>
<td>7/16</td>
<td>17</td>
<td>Tone Control; Telephone</td>
<td>4c</td>
</tr>
<tr>
<td>K1022</td>
<td>17/16</td>
<td>24</td>
<td>Volume Control; Set On-Off</td>
<td>4c</td>
</tr>
</tbody>
</table>

Firm-Grip Receiver Knobs

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

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>Each</th>
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</thead>
<tbody>
<tr>
<td>K1126</td>
<td>17/16</td>
<td>24</td>
<td>5c</td>
</tr>
<tr>
<td>K1127</td>
<td>17/16</td>
<td>24</td>
<td>3c</td>
</tr>
</tbody>
</table>

FRACTIONAL HORSEPOWER A.C. MOTOR

Sturdy, clean-cut midget motor that is useful for hundreds of applications. Toy model trains, small oil on water pumps, small fans, agitators for film developing tanks, etc., are some of its applications. For intermittent use. Specifications: shaded pole type; 0.025 hp; 3,000 RPM; output from any 115-125 volts; 60 cycles A.C. Bronze bearings, with felt oil retainer; impregnated coil winding; brass mounting blocks, drilled and tapped for flush mounting. Shaft ¾" diameter, ½" long. Overall dimensions: 2¼ H. x 2¼ W. x 1¼ deep. Shpg. wt. 3 lbs.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>Each</th>
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<tbody>
<tr>
<td>K14701</td>
<td>1-1/4</td>
<td>2</td>
<td>79c</td>
</tr>
</tbody>
</table>

AS MUCH AS 99% OFF

RCA Licensed

AUBURN

RADIO TUBES

6 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 leads) for 6 months! First grade! Over 200 different types are respected 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!

<table>
<thead>
<tr>
<th>Type No.</th>
<th>List Price</th>
<th>Your Cost</th>
<th>Type No.</th>
<th>List Price</th>
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<td>$26</td>
<td>$24</td>
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</table>

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

Potentiometers

<table>
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<tr>
<th>Type No.</th>
<th>List Price</th>
<th>Your Cost</th>
<th>Type No.</th>
<th>List Price</th>
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<td>$1.00</td>
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<tr>
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<td>$24</td>
<td>68</td>
<td>$26</td>
<td>$24</td>
</tr>
</tbody>
</table>

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 kit.

K1125-Your Cost Each 7c

Molded Bakelite

5 Prong Socket

A swell buy in an all-molded bakelite socket. Five sturdy prongs. Ears for mounting have holes with centers 1¼" apart. Stand-by socket is 6½" long. K13110-Your Cost Each 3c 10 For 25c

Band-Changing Switches

Silvered, self-cleaning contacts. Rear unit has one d.p.d.t. and one p.p.s. member; front deck is d.p.d.t. Aluminum shield between sections. Shaft is ¾" dia., 2¼" long. K12962-10 For 75c

AS MUCH AS 99% OFF S.P.D.T.

4-Pole D.T., 2-Pole D.T., 2-Pole S.T.

Same as above, but has one additional pole which shorts or grounds

1 section. 10 For 59c K12874-Your Cost Each 7c

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 7c

S.P.D.T., Switch


K12840-Your Cost Ea. 6c 10 For 40c 45c

JONES Jack and Switch


K12825-10 For 25c 3c

Single Filament Panel Control Jack


K12877-10 For 25c 3c

BARGAINS

QUANTITY LIMITED

Escutcheon Plate

Ideal for set builders. Es
cutcheon in 5 ½" wide, ¾" thick, 1¼" radius. Stock No. K912-Your Cost Each 5c 10 For 35c

Brown Bar Knobs

Highly polished mottled brown Bakelite bar knobs, set steel screw type. For ¾" shafts.

K1038—5 ½" long, ¾" skirt, 1¼" radius. Your Cost Each 4c 10 For 35c

Molded Bakelite Knob

Neat in appearance. All Bakelite molded parts. Excellent for small sets; has small Gripper or indicator.

Used on Spring Type; K9587—Black. 1" top, 5½" H., 1" wide. K9588—Same, but Green color. K9589—Same, but Walnut and has ¾", neck, 1½" high. Your Cost Each Above 1 60 For 35c

Bakelite Knobs

Molded bakelite knobs. Push-on spring type. For ¾" shafts.

K9624—Black, 1" diameter. Either Type, Each 1 15 For 1 99c

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 troubleless. With attractive gold-finished escutcheon, sheet of station call letters. Dimensions: 4½ H., 3¼ D., 2½ wide.

K9752—Shpg. wt. 4 lbs. 49c

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. insulated winding.

K10092—Your Cost Each 4c 10 For 35c

Isolantite Insulators

Non-hygroscopic bakelite. Highly useful. Round forms 1¾" diameter. Square sections are 2½" x 2½".

K11314—Round. K11715—Square. 10 of Either Type 6c

BUY NOW—QUANTITIES LIMITED
## Inverted Wet Electrolytics

<table>
<thead>
<tr>
<th>Stock Cap.</th>
<th>Your No.</th>
<th>Mfd. Volts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (948</td>
<td>6</td>
<td>1125</td>
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</tr>
<tr>
<td>K710</td>
<td>16</td>
<td>320</td>
<td>12c</td>
</tr>
<tr>
<td>K712</td>
<td>378</td>
<td>8</td>
<td>10c</td>
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### Tubulars

<table>
<thead>
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<th>Stock No.</th>
<th>Leth.</th>
<th>Mfd.</th>
<th>Each</th>
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<tbody>
<tr>
<td>K841</td>
<td>1%</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>K845</td>
<td>3%</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>K850</td>
<td>2%</td>
<td>20</td>
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### 35 Peak Volts

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<th>Stock No.</th>
<th>Leth.</th>
<th>Mfd.</th>
<th>Each</th>
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<tbody>
<tr>
<td>K851</td>
<td>1%</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>K853</td>
<td>3%</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>K854</td>
<td>3%</td>
<td>16</td>
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### 500 Peak Volts

<table>
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<th>Stock No.</th>
<th>Leth.</th>
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<th>Each</th>
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<tbody>
<tr>
<td>K855</td>
<td>1%</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>K856</td>
<td>2%</td>
<td>10</td>
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</tr>
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</table>

### Compact Cartons

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Mfd.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 V.</td>
<td>2 1/2 L.</td>
<td>1 1/2&quot; Sq.</td>
</tr>
<tr>
<td>K957</td>
<td>8 Mfd.</td>
<td>14c</td>
</tr>
<tr>
<td>K958</td>
<td>12 Mfd.</td>
<td>17c</td>
</tr>
<tr>
<td>K959</td>
<td>16 Mfd.</td>
<td>20c</td>
</tr>
<tr>
<td>K960</td>
<td>16 Mfd.</td>
<td>20c</td>
</tr>
<tr>
<td>K961</td>
<td>25 Mfd.</td>
<td>26c</td>
</tr>
<tr>
<td>K962</td>
<td>50 V.</td>
<td>2 1/2 L.</td>
</tr>
<tr>
<td>K963</td>
<td>4 Mfd.</td>
<td>4d</td>
</tr>
<tr>
<td>K964</td>
<td>16 Mfd.</td>
<td>24c</td>
</tr>
<tr>
<td>K965</td>
<td>16 Mfd.</td>
<td>24c</td>
</tr>
<tr>
<td>K966</td>
<td>16 Mfd.</td>
<td>26c</td>
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</table>

### Blue • Spod Midget Dry Electrolytics

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Mfd.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 V.</td>
<td>2 1/2 L.</td>
<td>1 1/2&quot; Sq.</td>
</tr>
<tr>
<td>K967</td>
<td>5 Mfd.</td>
<td>11c</td>
</tr>
<tr>
<td>K968</td>
<td>10 Mfd.</td>
<td>14c</td>
</tr>
<tr>
<td>K969</td>
<td>25 Mfd.</td>
<td>16c</td>
</tr>
<tr>
<td>K970</td>
<td>56 Mfd.</td>
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</tr>
<tr>
<td>K971</td>
<td>65 Mfd.</td>
<td>16c</td>
</tr>
<tr>
<td>K972</td>
<td>10-10 Mfd.</td>
<td>19c</td>
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### Push-Pull Input Transformer

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<tbody>
<tr>
<td>K1414</td>
<td>4 1/2&quot;</td>
</tr>
<tr>
<td>K1419</td>
<td>5 1/2&quot;</td>
</tr>
<tr>
<td>K1424</td>
<td>6 1/2&quot;</td>
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</table>

### Drastically Reduced!! Power Transformers

<table>
<thead>
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<tr>
<td>K1400</td>
<td>1&quot;</td>
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<tr>
<td>K1405</td>
<td>2&quot;</td>
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<tr>
<td>K1410</td>
<td>3&quot;</td>
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### Cardboard Cased Electrolytics

### Tubular Can Dry Electrolytics

<table>
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<th>Mfd.</th>
<th>Each</th>
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<tr>
<td>K939</td>
<td>3%</td>
<td>1600-750 V.</td>
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<tr>
<td>K940</td>
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<tr>
<td>K941</td>
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<td>30c</td>
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<tr>
<td>K942</td>
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<td>1600-750 V.</td>
<td>30c</td>
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<tr>
<td>K943</td>
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<td>30c</td>
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<tr>
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<td>30c</td>
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<td>1600-750 V.</td>
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<tr>
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<tr>
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<tr>
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<tr>
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<td>1600-750 V.</td>
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<tr>
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<td>1600-750 V.</td>
<td>30c</td>
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<tr>
<td>K959</td>
<td>3%</td>
<td>1600-750 V.</td>
<td>30c</td>
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<tr>
<td>K960</td>
<td>3%</td>
<td>1600-750 V.</td>
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<tr>
<td>K961</td>
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<tr>
<td>K962</td>
<td>3%</td>
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<tr>
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<td>3%</td>
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<td>K999</td>
<td>3%</td>
<td>1600-750 V.</td>
<td>30c</td>
</tr>
</tbody>
</table>

### We Will Not Knowingly Be Undersold

45
Sound Effects Kit

Contains a variety of authentic sound effect devices, for reproducing the thrilling illusions heard on all big network programs. Distance thunder, patter of rain, creaking of horse's hooves, plane engines, gun shots, 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 121/2 x 10 x 2/3. Ship. wt. 5 lbs. K13348—Your Cost $2.10

HOME MIKES

Studio Model

A real mike for home broadcasting. Easily attached to any radio. High fidelity switch. Will provide much amusement and pleasure.

Jr. Model

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

ICA Hand Mike

A popular style hand microphone. Works with any set using a loud-speaker. Does not interfere with reception. Switch on handle permits recognition or use of mike at will. Finished in chrome plate and black lacquer.

ICA Mi"Kqueeze

For connection between any single-stand dynatron microphone and radio set. Increases sensitivity and limits button current to a safe value. Has m.t.g. brackets, and insulated blading posts for connection. With instructions.

PHILMORE Hand Microphone

A real hand microphone. Works with any set using a loud-speaker. Does not interfere with reception. Switch on handle permits recognition or use of mike at will. Finished in chrome plate and black lacquer.
**"EY" Wet Electrolytics**

Have high sealant point and are mechanically and electrically perfected units. Vented to allow air to escape harmlessly, these units have remarkably long life and fine filtering efficiency. Possess a certain amount of self-regulating properties.

<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>K1271</td>
<td>20 1 2 1/4</td>
<td>65c</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1272</td>
<td>40 1 2 1/4</td>
<td>72c</td>
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<td>8 1 2 1/4</td>
<td>36c</td>
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<td>1.12</td>
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**"BEAVER" Dry Electrolytics**

Extremely small and very handy to use. Feature: Electro-Chemical etching that eliminates corrosion; Hi-Pressure Centrifuges that provide better impregnation and gives a lower power factor; Hi-Purity Aluminum Foil that makes the foil direct current conductive. Special C-D Super-Purity Cellulose Separator that gives extra-long life; Durable chemical paper control that assures improved performance; Double aging to provide more stable characteristics.

| K 0070 | 10 5 35 | 41/16 |
| K 0071 | 20 10 35 | 41/16 |
| K 0072 | 65 15 35 | 41/16 |
| K 0073 | 65 20 35 | 41/16 |
| K 0074 | 65 25 35 | 41/16 |
| K 0075 | 90 30 35 | 41/16 |
| K 0076 | 90 40 35 | 41/16 |
| K 0077 | 90 45 35 | 41/16 |
| K 0078 | 95 50 35 | 41/16 |
| K 0079 | 95 55 35 | 41/16 |
| K 0080 | 100 60 35 | 41/16 |
| K 0081 | 100 65 35 | 41/16 |
| K 0082 | 100 70 35 | 41/16 |
| K 0083 | 120 80 35 | 41/16 |
| K 0084 | 120 85 35 | 41/16 |
| K 0085 | 120 90 35 | 41/16 |

---

**"DT" Paper Tubulars**

Halowax impreg- nated, multi- laminated Kraft tissue, Wax impregnated tube, wax-potted ends, oil-cooled. Conservation D rating.

**"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 nuts. Furnished with long insulated, color coded leads.

**"JR" Electrolytics**

Hand picked, extra high aluminum cans fitted with a molded bakelite terminal block. Terminals are lead coated silver plated and are right side up in the block. Block is gasket sealed into the can and fitted with a positive quick acting vent. Projected tongue mounting are provided for mounting cases. Diam. 3/8". Double plate available for insulated mounting.

---

**"JE" Dry electrolytics**

Copper-plated, high aluminum cans fitted with a molded bakelite terminal block. Terminals are lead coated silver plated and are right side up in the block. Block is gasket sealed into the can and fitted with a positive quick acting vent. Projected tongue mounting are provided for mounting cases. Diam. 3/8". Double plate available for insulated mounting.

---

**"KN" Paper Tubulars**

For measuring all important characteristics of condensers. Incorporates "Welch" bridge with single stage of amplification and vacuum tubes for operating. It has built-in power supply (for 110 V., 60 cycles A.C.) for making leakage and insulation resistance tests. Measures paper, mica, air and electrolytic condensers, from 0.0001 to 240 µfd. Measures power factor, leakage tests, test for open in 3 parts. In Walnut portable case, dim. 8 x 6 1/2 x 3 1/2. Shpg. wt., 11 lb. K2177 $2440

---

**Capacitor Analyzer**

Accurate standard covering a wide range of capacitor ranges. For use with any bridge or similar precision unit. Can read directly to 11.1 mfd. Calibration chart included. Rapid reading V.D.C. 220 V.A.C.; Tolerance ± 5%. Each in Walnut Bakelite case, dim. 8 x 6 x 3 1/2. Ave. expected life, 3-5 yrs. K2177-011 mfd. in 0001 steps. K2177-1000 mfd. in 1000 steps. K2177-10000 mfd. in 10000 steps. Each Above $5.29

---

**Capacitor Bridge Decades**

Measures accurately and quickly with precision. Scales between 0.001 to 5 mfd. Unit Bearers a welsh bridge circuit, with variable condensers to indicate balanced condition. Has direct reading scale, and employs 8 tubes, a 12A7 and 6A6G Indicators for power factor, shorted, etc. In Walnut case, dim. 3 1/4 x 6 1/2 x 3 3/4. With test leads and instructions, but, test tubes. For 110 V., 60 cycles, Wt., 4 lb. K2178 $9.70

---

**Radio Wire Television Inc.**

FORMERLY WHOLESALE RADIO SERVICE CO., INC.
Complete With Amplifier & Speaker
New, modern record player; with advanced features that insure fine tonal quality, more-than-ample volume, and long-life use without Employers rugged, self-starting motor, tangential head crystal pickup, metal tone arm, and self-lubricating, with turntable that permits playing both 10 and 12 inch records. Case has louvres 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 60 cycles A.C. only. Size: 7½ x 11 x 1½. Complete with tubes and instructions. Shpg. wt. 10 lbs.

K12163 — Your Cost $13.25

Record Player Only
Same as above, but less amplifier and speaker. For use with radio set, or as an amplifier and loudspeaker. Shpg. wt. 8 lbs.

K21884 — Your Cost $7.95

Handi-Way Record Rack
An ingenious, attractive rack for storing and indexing records so that they are quickly accessible as well as safely stored. The Rack holds 100 records; each, individually recordable, can be easily located. An index sheet is supplied, to facilitate this procedure. Holds 10, 12, 13, 14, 15 inch records.

Holds 50 records and 16 inch records. Has sturdy, finish-welded wood base, with fingers, and safety lifting. Dimensions: 93/4 x 12½". Holds 50 records.

K21894 — Shpg. wt. 6 lbs.

Your Cost Each $2.95

QUAM Permanic Mike
Uniquely different, yet carefully built dynamic microphone. Ideal for amateurs, PA and sound systems, technical office communicators, etc. Output — 50 db., frequency response 60 to 8,000 cps. Not affected by temperature or humidity. In sturdy metal case, brown finish, with grille cloth and metal, screen. Overall dim.: ¾" H. x 4½" W. x 3½" L. in dia.

Hi-impedance, Wt. 3 lbs.

K12928 — Your Cost $11.76

Grip-Cap Phono Adapter
Designed to permit quick and convenient connection of phonograph pickups to the grid of detector or first audio tubes. Has clips to facilitate connection of pickup leads.

K1164 — For Ceramic Tubes

K1164 — For Metal Tubes

Your Cost Each $2.25

Mike & Phono Adapter
Especially designed for use with phonograph pickup - to - detector or first audio tubes. Adapter is inserted in tube socket and tube in adapter. Simple to use.

K12628 — 5 Prong Type Each

K12629 — 7(½) Prong Type Each

K12630 — 7(½) Prong Type Each

K12631 — 6 Prong Type Each

Phono-Adapters, With Switch
For connecting record player to radio with phono-pickup terminals or connections. Includes a switch to preselect for connection of record pickup for multi-speeds. Complete with toggle switch, recommended for use with any record player. Shpg. wt. 3 lbs. Complete.

K11607 — For sets employing a 5 prong tube grid cap, such as 27T as detector or L.F. amplifier, with 20 prong tubes, for different type tubes as specified below. Full instructions.

Your Cost Each $7.75

K11608 — For 6 prong tube grid cap, such as 42, 43, 45, 48, etc.

Your Cost Each $7.75

K11609 — For metal tubes, such as 6B8, 6F6, etc., used as last A.F. amplifier

Your Cost Each $7.75

K11610 — For screen-grid detectors, with caps, such as 6J7, 6G7, 1567, 24, 67, etc. Not plug-in, but tubes remain, and adapter grid-cap fits on tube. With instructions.

Your Cost Each $7.75

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 mfg. screws included.

K22006 — Your Cost Each $5.95

Model 727T — 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 auditories, etc. It's completely self-contained; amplifier, speaker and even the desk-type microphone, as illustrated) and 12 ft. of cable all fit within the sturdy, attractive wood case. The microphone (mounted in case) is an 8½ efficiency PM Dynamic, with 2½ 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 'A' pattern. 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 weatherproof varnish, with snap-lock and hinged back cover and carrying handle; size: 14¾ x 3½ x 7½" deep. Speaker grille opening is of proper diameter for the 8½ speaker. Speaker is provided 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

Your Cost, SPECIAL $19.95

Sound and Phonograph Equipment

Lafayette Hearing Aids “Theatrear”
Handsome, lightweight, portable, metal-cased new type tubes, new crystal micro-phone and earphone and a frequency compensator of which assures powerful sound fidelity in every vein. Very economical on battery consumption. Case is a beautiful metal covered metal cabinet, size: 3½x3½ x 7½ high. Supplied with “A” and “B” batteries. Complete with earphone with headband and 4 ft. cord.

K12923 — Your Cost $29.95

110 V. AC-DC Executive
Represents the finest in voice and music without distortion. Employing 8 new type tubes, and “frequency compensator” for adjusting tone to suit. Handsome Walnut cabinet, to harmonize with home or office, dim.: 6½x6 x 4½" deep. Operates from any 110 volt light supply, A.C. or D.C. With crystal headphone and headband.

K12924 — Shpg. wt. 9 lbs.

Your Cost $29.95

Economy Battery
Model E 81923, Portable Model 110 V. AC-DC 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.

K12926 — With tubes, battery, crystal earphone and headband. Wt. 9 lbs.

Your Cost $34.95

Hearing Aid Accessories
K13522 — Additional Crystal Headphone, with 6-f. cord. Your Cost $2.94

K13523 — Logrnette Crystal Headphone, with external cord. Your Cost $3.92

K13910 — External Volume Control unit, 10-f. cord. Your Cost $2.06

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 besides your phonograph or record player, and learn to decipher the code. Slow words per minute; then speed it up as you learn to copy. Text book and 5 double-faced discs (in album) teach you to copy the Com- monwealth Code. Prepared by Royal Signal Corps officers and Linguaphone. Discs are 10" diameter, and can be used for groups and classroom. Shpg. wt. 6 lbs.

K21855 — 5 Records in Album, with Text Book. Your Cost, Complete $12.85

See page 166 for sending keys and buzzers.
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.
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 Phone—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 to 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, stores and window demonstrations, auction rooms, etc. Uses 1-6SC7, 1-6N6G and 1-5Y4G rectifiers. 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 $9.99

MODEL 408 DF—Decorative Cover, only (K13748).

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; 6-inch P.M. speaker and matching Transformer (K13574); 25 feet speaker cable; one Wall-Type Fabrikoid Baffle (K20042); One Lafayette "I'll Need" Crystal Mike (K13712); 12-ft. mike cable; One 9-inch Banquet Stand (K13583); and all plugs.

Less Decorative Cover, READY TO OPERATE (NO EXTRAS).

Code, RIGE, Wt. 40 lbs. List $46.90.
YOUR COST $23.45

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 Peack—8
2 Input Channels: Microphone—1 Phones—1
Gain in DB: Microphone—105 Phone—62
Hum Level Below 5 Watts: 35 db
Output: 7500 ohms to Speaker For 110 Volts 50-60 cycles A.C.
Dimensions: 8" H, 9½" W, 7¼" D.

ALWAYS LEADS
5 TO 8 WATTS
AT THE SMASHING LOW
PRICE OF $7.95
LESS TUBES & COVER

COMPLETE PORTABLE MODEL

★ 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-T—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: 10½" H, 10½" W, 7½" D.) Code, SLOPE. $15.85
YOUR COST, Including Case
MODEL 618-T—Same as above, with set of RCA and Raytheon tubes.
YOUR COST $17.88

Complete Portable Sound System

MODEL 726-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) 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.
YOUR COST $26.33
Case Also Sold Separately
K21929. Carrying case only, as furnished with above systems. YOUR COST $3.20

★ Uses RCA and Raytheon tubes.

Code, RHYME. Wt. 40 lbs. List $95.00.
YOUR COST $46.90

Complete Portable System

Code, RIGE. Wt. 40 lbs. List $95.00.
YOUR COST $46.90

Complete Portable System

Code, RIGE. Wt. 40 lbs. List $95.00.
YOUR COST $46.90
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 Phone Mixing
★ Tone Control-Streamlined Design
★ Built-In Output Transformer

In this 10 to 14 watt Amplifier, Lafayette engineers have produced a top-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 by-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 exceptional high tonal quality. A fully variable tone control permits complete adjustment for all acoustical variations. No matter where used. Tube complement includes: 1-47, 1-6SC7, 2-6VEG "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 finish, the amplifier has provisions for blending the inputs of one microphone and one phono to any desired degree. Overall dimensions: 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.
List Price $10.95, YOUR COST...

MODEL 412-T—Same as above, complete set of RCA and Raytheon tubes.

YOUR COST...

MODEL 412-D—Decorative Cover only...

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 (K19712); One 9'' Base Speaker Cable; One 12'' mike cable; all plugs, instructions, etc. READY TO OPERATE (NO EXTRAS). Code, ROYAL. Shpg. wt. 45 lbs.
List Price $38.50.
YOUR COST...

MODEL 732-T—Same as above, but with two 12-inch P.M. Speakers (K19232), 50'' Speaker Cable, two Wall-Type Fabrikoid Baffles (K20056).
YOUR COST...

Either system above with floor stand (K13647) in place of banquet stand, ADDITIONAL, per stand...

AMPLIFIER CHARACTERISTICS

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-Plumber" tubes in push-pull output supply more than ample power for the average sound requirement, with excellent tone quality and freedom from distortion. Tubes: 1-6L7, 2-6L6G and 1-SVG.

Mixer-Fader Control Built-in mixer fader control permits easy on-time 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—46 DB; Outputs: 0.4, 0.8, 1.6, 2.5, 5.00 ohms. Freq. Resp. 50-10,000 c.p.s. Dimensions: 7 1/4" H, 11 1/4" W, 5 1/2" D. For 115-125 Vols 60 cycles A.C.

Complete System With Wall-Type Baffles Ideal for use in small night-clubs, restaurants, hotels, etc., at the lowest price ever offered. MODEL 739—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 (K20555); 50 ft. rubber covered speaker cable; One Lafayette "Tilt-Head" Crystal Mike (K13712); One Banquet Stand, 10" to 15" ext., (K13722) Mike; All plugs, instructions, READY TO OPERATE (NO EXTRA). Code, ROAST. Shpg. wt. 78 lbs. List Price $88.50. YOUR COST $44.25.

Complete Sound System with Choice of Microphone
MODEL 737—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 (K20555); 100 ft. rubber covered speaker cable; Friction-Clutch Floor Stand (K13847); One Mike (your choice from Standard Selection); all plugs, instructions, READY TO OPERATE. (NO EXTRA). Code, RUBLE. Shpg. wt. 88 lbs. List Price $100.50. YOUR COST $50.30.

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 and 1-SVG rectifier.

AMPLIFIER CHARACTERISTICS
Input for Phono only: Gain 65 db. Hum level below 15 watts: —90 db. Maximum expansion: 10 db. For other specs. see listing at left.

Complete Sound System with Choice of Microphone
MODEL 737—T—System, same as above, but with two Heavy Duty 12" P.M. Speakers (K13228) Two 12" Fabrikoid Wall-Type Baffles (K20556). List Price $120.50. YOUR COST $60.25.

Standard Mike Selection
At no additional cost with Systems 735 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 2 ft. cable.

"EXPANDER" MODEL

"EXPANDER" MODEL
MODEL 418—As above but with RCA and Raytheon tubes. Code, EXP. Shpg. wt. 20 lbs. List Price $39.60. YOUR COST $23.69.

"EXPANDER" MODEL
MODEL 418—D—As above but with RCA and Raytheon tubes. Code, EXP. Shpg. wt. 20 lbs. List Price $39.60. YOUR COST $23.69.

"EXPANDER" MODEL
MODEL 418—D—As above but with RCA and Raytheon tubes. Code, EXP. Shpg. wt. 20 lbs. List Price $39.60. YOUR COST $23.69.

"EXPANDER" MODEL
MODEL 418—D—As above but with RCA and Raytheon tubes. Code, EXP. Shpg. wt. 20 lbs. List Price $39.60. YOUR COST $23.69.

"EXPANDER" MODEL
MODEL 418—D—As above but with RCA and Raytheon tubes. Code, EXP. Shpg. wt. 20 lbs. List Price $39.60. YOUR COST $23.69.
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 Phone 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 mixes with either phone channel. Latest type circuit features reverse feedback—"Beam-Power" tubes. Tubes used: 2-12AU7, 1-6SC7, 1-6BG6, 2-6L6G and 1-546G. 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. Shkp. wt. 30 lbs. List Price $41.70. YOUR COST $20.85

MODEL 440-T—Same as above, with complete set of RCA & Raytheon tubes. YOUR COST $26.32

MODEL 440-D/F—Decorative cover only, for above (K13748). FOR 20 V., 50 c.c., add...$2.60 25 c.c., add...$1.25

AMPLIFIER CHARACTERISTICS

Remote Control Box and Cable
MODEL 597-T—Remote control permits complete remote operation of any two microphones or phone pickups up to 1500 feet. Model 440—Amplifier. Complete in hard gray crinkled finished box, 4 1/2" x 2 7/8" x 2 1/2". Comes complete with two色々 controls, 55 feet of 3-wire cable and connector plug. Wt. 4 lbs. ADDITIONAL $5.85

$20.85
LESS TUBES & COVER

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—yet you get it ready to operate. Wall type Fabrikold baffles, two Deluxes 12" dynamic speakers, all speakers 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 permitting control from distances up to 1000 ft.

"Co-ordinated" Sound System
MODEL 750-T—System includes 440-T complete with tubes; 440-D/F Decorative Cover; 2 Deluxe 12" Heavy Duty Dynamic Speakers (K13214); 50 ft. rubber covered speaker cable; 2 Wall-Type Fabrikold Baffles (K20056); One Microphone (From Standard Mike Selection); One Friction-Clutch Floor Stand (K13647); 35 ft. Mike Cable; All Piano Instructions, etc., READY TO OPERATE (NO EXTRAS). Code, RAEL. Shkp. wt. 82 lbs. LIST PRICE $127.50. YOUR COST $63.75

MODEL 751-T—System. Same as above but with your choice of any TWO mixers (From Standard Mike Selection) and TWO Friction Clutch Floor Stands (K13647). LIST PRICE $158.60. YOUR COST $78.30
Remote Control Box and Cable

Provides complete remote operation of any TWO microphones or phonographs. Includes pickup up to 1000 feet from 452-A Amplifier. Grey wrinkle box, 4 1/8" x 2 1/4" x 1 7/8". Comes complete with metal 50 ft. of 3-wire cable, and connector plug. Shpg. wt. 1 lb.

MODEL 598-P—YOUR COST $5.85

30-40 Watt Complete Co-ordinated Sound System

The complete 30-40 watt Lafayette Co-ordinated Sound System is ideally suited for the "class" night clubs, hotels, restaurants, lodging and meeting halls where ample coverage for large assemblies 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 styling, but also from the highly important point of providing far more than you'd look for at any money anywhere else.

Standard 757-1 Complete Co-ordinated Sound System with tubes: 452-T Amplifier in Modernistic Cabinet, 100 ft. of metal covered speaker cable; 2-K2005E Wall Type Fabricoid Baffles; One Microphone (From Mike Selection Above); 25 ft. mike cable; one Standard Friction-Clutch Floor Stand K-13647, all plugs, etc. READY TO OPERATE.

Code, RABID. Shpg. wt. 10 lbs.

List Price $148.50.

YOUR COST $74.25

DeLuxe 755-T System: Above, but with choice of 7)
Amperite DeLuxe Velocity Mike with Acoustic Compensator,
OR 8) Electro-Voice De Luxe Dynamic Mike.

YOUR COST $76.25

FOR YOUR MONEY

Microphone Selection

At no additional cost with System 757-1, your choice of: Amperite Standard 1) or 2) Electro-Voice Standard Dynamic; 3) Shure "Swivel" Xial; 4) Electro-Voice "Rocket" Xial; or 5) 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

A handsome in performance as it is in design, this new 30-40 Watt Lafayette amplifier is dear 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, churches, large banquet halls, night clubs and hotels, the Model 452-A Amplifier is ample 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 in Lafayette's "Dialogue" Frequency Compensator which increases or decreases low tones, making it especially suitable for voice reproduction in both singing and speaking.

Seven tubes are employed, including two "Beam-Power" outputs. Tubs used are: 6C86, 6L6GE and 6A86E tc. Enclosed in platinum plastic handle, built-in control panel with strato chrome. Ivory knobs.

"Beam-Power" Output

MODEL 452-A Amplifier Only, in Modernistic Cabinet, 30 to 60 watts, less tubes. Code: SABER.

Shpg. wt. 40 lbs. List Price $63.90.

YOUR COST $31.95

MODEL 452-A, Above, with RCA and Royden tubes. YOUR COST $57.14

For 220 V. 50-60 c.c. add $2.85; 25 c.c. $12.30

Amplifier Characteristics

Output in Watts: Normal-40 Phone Channels: Microphone—2
Gain in Decibels: Microphone—120, Phone—80
"Dialogue" Equalizer Control 4, 8, 16, 250, 5000 ohms.
Frequency Range: 50 to 2000 c.p.s.
Provision for Remote Control Attachment
Two Microphone Remote Control Channels
Field Supply for 100,000 ohm Speakers
Dimensions: 9 3/4" H., 16 3/4" W., 7 1/4" D.
For 115 Volts 50-60 cycles A.C.
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 voices 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.

YOUR COST $51.70

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. Remote Control Box and Cable.

MODEL 599-P—(Illustrated above.) Provides complete remote operation of any two mikes or phone pick-ups up to 1000 ft. from 480-A Amplifier, in Gray crackle box, 4" x 2½" x 2". Complete with two mixer controls, 50 ft. 3-wire cable and connector plug. Shpg. wt. 4 lbs. ADDITIONAL $5.85

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 (K13228); Four Wall-Type Fabricoid Bottles (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. List Price $251.50.

YOUR COST... $125.75

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 6 Stand $15.90

AMPLIFIER CHARACTERISTICS

**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 Phone
  - 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

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 phone channels simultaneously with complete mixing and fending 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 S.I.B. Wt. 55 lbs. $59.95

**YOUR COST**

MODEL 490-T — As above, with set of RCA and Raytheon tubes. YOUR COST $77.95

MODEL 599-P — Volume Indicator meter, for either model above. YOUR COST $4.50

220 V. 60 cyc. add $3.95, 25 cyc. add $18.25

**AMPLIFIER CHARACTERISTICS**

Output in Watts:
- Normal — 70
- Peak — 100

Six Input Channels:
- Microphone — 4 Phono — 2

Gain in Decibels:
- Microphone — 172 Phono — 77
- Bass & Treble Equalizers
- Master Gain Control
- Db Meter (Optional)

Outputs: 2, 4, 8, 16, 250, 500 ohms

Speaker Selector Switch

Remote Control

MODEL 598-P — Provides complete remote operation of any 2 mikes or phone Pickups up to 1000 ft. from Model 490-A Amplifier. With 50-ft. 3-wire cable, plug. Wt. 4 lbs. YOUR COST $5.85

**Standard Microphone Selection**

Precedent Multi-Channel Master Amplifier 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 phone at the same time, with microphone master gain control Lafayette's "Broadcast" construction permits individual bass or treble boosting and compensation.

Channels are provided: 3 for mikes and 2 for phone or similar sound source. Actually six channels can be operated simultaneously—5 mikes and either phone.

High-Low Equalization—"Beam-Power" Equalization for both high and low frequencies provided, separate controls for each. 14 tubes used: 5-617, 5-6CRG, 2-6L6, 2-5Y4G.

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 $97.50. YOUR COST $43.75.

MODEL 453-T—As above, with RCA-Raytheon Tubes. YOUR COST $54.63.

MODEL 453-DF—Cover only (K1749) . . . . $2.25

220 V. 60 cycles, add $2.50; 25 cyc., add $13.30


List $222.46. YOUR COST $111.23.

MODEL 764-T—As above, but with any FIVE mikes and Five all-chrome Floor Stands. Wt. 114 lbs. Code, RETCH. List $217.90. YOUR COST $158.95.

AMPLIFIER CHARACTERISTICS

Output in Watts: Normal—30 Peak—40
7 Input Channels: Microphone—5 Photo—2 Gain in DB: Microphone—133 Phone—85 Individ. Bass & Treble Equalizer Controls Master Gain Control—Reverse Feedback
Hum Level Below 20 Watt: —55 db.
Outputs: 2, 4, 6, 16, 250, 500 ohms
Frequency Range: 50—10,000 c.p.s.
Field Supply: For two 2500 ohm speakers Dimensions: 24" H, 16¾" W, 8¼" D.
For 115-125 Volts 60/60 cycles A.C.
6 VOLT DC 110 VOLT AC MOBILE P.A. SYSTEMS

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

$33.50
LESS TUBES & PHONO COVER

18 TO 24 WATTS

★ 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 equalled 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 phone players. Complete facilities for mixing and fading the mike channel with either phone. 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, bullyhoy, 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 mikes, 1/2; on phone, 5/4. Three input channels, 1 mike and 2 phone. Hum level below 18 watts is — 48 db.
Dimensions: 9 1/4" hight, 12 1/2" wide and 10 1/4" deep.

18 to 24 Watt Standard Mobile Amplifier

MODEL 420—Lafayette Standard Mobile Amplifier, less tubes and phone cover, for operation on 6 volts D.C. and 110 volts, 50/60 cycles A.C. with connector plugs and cables. Code, SHORT.

Shop. wt. 35 lbs. List Price $87.00.
YOUR COST...$33.50

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 (KG19227); Two Aluminum Dome Baffles, (Type B), (K-2004); 50-ft. rubber covered speaker cable; One Electro-voice Dynamic Hand Mike (K-13754), 20-ft. cable; all plugs, READY TO OPERATE (NO EXTRAS)

Code, RIGHT. Shop. wt. 78 lbs. List Price $143.30. YOUR COST...$71.95

Complete De Luxe Mobile System

MODEL 744-T—Lafayette De Luxe Mobile System: same as above, but with two all-steel armored bottles (KZ106), 100-ft. rubber covered speaker cable; One Electro-voice Dynamic Hand Mike (K-13756), 20-ft. cable; complete with mounting brackets (KZ106), Code, ROUTE. Shop. wt. 105 lbs. List Price $145.30. YOUR COST...$77.75

FOR ADDITIONAL MICROPHONE SELECTION SEE "MIC SELECTION"

Phono Attachment For Above Systems

MODEL 420-MT—Phono Unit Cover includes constant speed 78 r.p.m. motor, 8-inch turntable, Astatic Tangent-Arm Crystal Pickup, an illustration above. Complete with cables, plug to amplifier. Code, SERVE. Shop. wt. 15 lbs. List Price $21.95. YOUR COST...$10.95

MODEL 420-D—Plain cover only. YOUR COST...$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.
★ Phone 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-volt D.C. and 110-volt 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 accoustical differences in various localities—or any variable feature in complete control. 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, SPEICE. $45.75

MODEL 454-T—Same as above, complete set of RCA and Raytheon tubes. $54.30

Optional Phone 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 push-button on-off switch; all cables and plugs. Mounted on streamlined, platinum gray cover, Code, SMART. Shpg. wt. 20 lbs. $14.95

MODEL 454-DP—Dome Cover. $2.46

AMPLIFIER CHARACTERISTICS
Normal rated output, 30 watts, peak output, 40 watts. Microphone gain 30 db, phone gain 90 db. Three input channels, either phone, one phono, hum level below rated output, minus 48 db, Frequency response 50-10,000 c.p.s. 11 tubes used: 2A7T, 2A6CR, 467Y, 1-855, 2-855G, rectifiers. Provision for remote control operation. Dimensions 10" high, 17" wide, 14" deep.

NOW! Dual Purpose Mobile Systems Offered AT STANDARD SINGLE SYSTEM PRICES!

Never before in the history of Public-Address has there been a phenomenon of 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 microphone 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-1225); Two Standard Aluminum Dome Baffles, Type B, (K-2004); One Shure Military Hand Microphone (K-1720); 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. YOUR COST $97.60

MODEL 756-T—Lafayette 30 to 40 watt Mobile Sound System; same as above but with Two Armed All-Steel Baffles, Type A, (K-2004) with 3" (K-2005) mounting brackets. List Price $183.60. YOUR COST $97.60

SEE LISTING BELOW FOR ADDITIONAL MICROPHONE SELECTIONS
30 TO 40 WATT DE LUXE 6V. DC 110V. AC

NO POWER PACKS REQUIRED

★ Finest Mobile P.A. System Available Anywhere
★ All in a Single Case
★ "Dialogue" Compensator
★ Instantly Convertible
★ All Steel Carrying Case

Standard Mike Selection

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"x2½"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 Phone—1 Gain in DB: Mike—130 Phone—90 "Dialogue" Equalizer "Quality" Control
Hum Level Below 30 Watts: —4 db Outputs: 2, 4, 8, 16, 250, and 500 ohms
Dim.: 9½" H, 18½" W, 14½" D. For 110 V; 50/60 cyc. AC—6 V D.C.

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 player 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: 2A7, 2A9G, 1-6D8, 4-6ST7G, 1-83.
MODEL 458-A—30 to 40 watt Universal Amplifier, less tubes, with built-in phonograph motor, 12" turntable and speed regulator, Astatic tangent-arm crystal pickup, in All-Metal Carrying Case. Code, SALVO, Shpg. wt. 95 lbs. List Price $178.90.

YOUR COST
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 18228) with 100-ft. Rubber Covered Cable. Two De Luxe All-Metal Dome Speakers (K20073) with Mounting Fixtures. One Shure Crystal Military Hand Mike with 12-ft. cable; built-in phonograph motor with 12" turntable and speed regulator; Astatic tangent-arm crystal pickup; all plugs, instructions, etc. READY TO OPERATE (NO EXTRAS).
Code, RHINE. Shpg. wt. 130 lbs. List Price $246.90.
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. 148 lbs. List $194.50.
YOUR COST $147.25
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 types 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, 1:6CG6, 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

Standard Microphone Selection

MODEL 442-A—20-30 watt AC-DC Amplifier, less tubes and decorative cover. Code, STITCH.
Shyp. 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 $28.95

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 (K20068); 50-ft. rubber-covered speaker cable; One microphone (your choice from Standard Microphone Selection above); 25-ft. mike cable; One friction-clutch floor stand (K13674); all plugs, instructions. READY TO OPERATE (NO EXTRA). Code, RUSTY. Shyp. wt. 55 lbs.
List Price $155.00.
YOUR COST $76.50

PORTABLE MODEL
★ Ideal for Traveling Shows, Bands, Lecturers, Etc.
★ Amplifier and Speakers Fit into a Single Carrying Case
★ 2 1/2" 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 17½" high, 17½" wide and 8½" 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 642-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. 56 lbs. List $107.94.
YOUR COST MODEL 642-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 (K13674); 25-ft. mike cable, all plugs, instruction. READY TO OPERATE (NO EXTRAS). Code, RANCH. Shyp. wt. 71 lbs.
List $147.90.
YOUR COST MODEL 747-T—As above, with Two mikes (from Standard Selection) and Two Floor Stands (K-13647). Code, REGAN. Wt. 88 lbs. List $177.00.
YOUR COST $73.95

MODEL 748-T—As above, but with Two "Rocket" Speakers (K-13647). Code, REGAN. Wt. 88 lbs. List $177.00.
YOUR COST $88.50
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 & Phone 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 on 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 phone unit including constant speed motor, 9" turntable, Astatic Tangent-Arm Crystal Pickup. Unit has its own on-off switch and volume control.

MODEL 620—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: 15½" H, 12" W, 9½" D. (Less 620-MT Phone Unit.) Code, SWARD. Shpg. wt. 27 lbs. List $46.38. YOUR COST $23.19.

Optional Phone Attachment

MODEL 620-MT—Phone 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-21926—Case only, as furnished with above portable and system (less phone board). $5.45.

Complete Portable System

MODEL 734—Complete 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 (K13354) for description see listing on page 69; 12-ft. mike cable; (less 620-MT Phone Unit). READY TO OPERATE (NO EXTRAS). Code, RIVET. Shpg. wt. 42 lbs. List $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.

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—braced at a new low in P.A. annals. Amplifier is same as 415-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 protective grille. Size: 17½" high, 12½" wide, 9¾" deep.


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—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 $99.30. 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.

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15 TO 18 WATTS
Dual Speaker PORTABLE

PORTABLE
Laayette PORTABLE TRANSCRIPTION RECORD PLAYERS

DeLuxe Model With Built-In Amplifier and Speaker

- For 110 Volts A.C. or D.C.
- Plays Records Up to 17½"
- 2-Speed Motor, 78 & 33½ 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 "caused" 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. 24½" w., 17½" d., 13½ h.

MOTOR: Special heavy duty transcription type with 16" balanced and weighted turntable. TWO-SPEED, 78 and 33½ r.p.m. PICK-UP: Astatic high-fidelity crystal pick-up with 12" arm. Plays records up to 17½". AMPLIFIER: Employs 1,120C-235GOT rectifier. "Beam-Power" tubes in a push-pull output stage. 1,120C-235GOT rectifier. Power output measurable at 1/5 watts; peak 4 watts. Hum level below 200 watts is minus 62 db. Gain 60 db. Range 4/4 db. from 20 to 7000 c.p.s. SPEAKER: "10" high-fidelity P.M. unit with Alnico magnet. Has 25-ft. cable with Amplifier plug connector. Mounted in lid of case, which acts as an INFINITE Baffle. OTHER FEATURES: built-in volume control; "off" switch; tone control; speed regulator. 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. Built to play records up to 17½" 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 16½"-turntable. Motor is governor controlled, with speed-regulator on panel. Two-speed; 78 or 33½ r.p.m. The Crystal Pick-Up with 12" arm affords true high fidelity transcription service. Volume control and separate push-type "off" switch on panel; new needle cup also incorporated. Pickup arm rests hold arm securely while outfit is being transported. Heavy plywood case with leatherette covering measures 23" w., 10" d., 11½ h. For 110 volts, 60 cycles a.c. Shpg. wt. 38 lbs. K22042 - List $99.95. YOUR COST... $44.95

Laayette 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 & 33½ 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 "caused" 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. 24½" w., 17¼" d., 13½ h.

MOTOR: Special heavy duty transcription type with 16" balanced and weighted turntable. TWO-SPEED, 78 and 33½ r.p.m. PICK-UP: Astatic high-fidelity crystal pick-up with 12" arm. Plays records up to 17½". AMPLIFIER: Employs 1,120C-235GOT rectifier. "Beam-Power" tubes in a push-pull output stage. 1,120C-235GOT rectifier. Power output measurable at 1/5 watts; peak 4 watts. Hum level below 2½ watts is minus 62 db. Gain 60 db. Range 4/4 db. from 20 to 7000 c.p.s. SPEAKER: 10" high-fidelity P.M. unit with Alnico magnet. Has 25-ft. cable with Amplifier plug connector. Mounted in lid of case, which acts as an INFINITE Baffle. OTHER FEATURES: built-in volume control; "off" switch; tone control; speed regulator. 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. Built to play records up to 17½" 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 16½"-turntable. Motor is governor controlled, with speed-regulator on panel. Two-speed; 78 or 33½ r.p.m. The Crystal Pick-Up with 12" arm affords true high fidelity transcription service. Volume control and separate push-type "off" switch on panel; new needle cup also incorporated. Pickup arm rests hold arm securely while outfit is being transported. Heavy plywood case with leatherette covering measures 23" w., 10" d., 11½ h. For 110 volts, 60 cycles a.c. Shpg. wt. 38 lbs. K22042 - List $99.95. YOUR COST... $44.95
**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 photo channel or vice versa. Case house's all components—easily transported.

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**CONVERT YOUR PRESENT PA 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 caliber. 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: W. 14 W x 16" H x 121/2 D. Shpg. wt. 18 lbs. K-22067 — List $15.90.$7.95

**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 grill 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 141/2 x 91/2". Wt. 13 lbs. K-22068 — List Price $7.50. $2.95 YOUR COST...

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**Complete Portable Sound System**

**MODEL 680—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. 85 lbs. List Price $121.70. YOUR COST, including case $60.85**

**MODEL 680-T—Same as above, but with set of RCA and Raytheon tubes. YOUR COST $66.03**

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**Case Also Sold Separately**

Case only, as furnished with above system. $9.95

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**All Portable Cases Available**

In addition to the portable cases above, all carrying cases supplied with Lafayette portable amplifiers and speakers 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

Employ 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 phones. 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 481-A—Complete 30 to 40 watt 5-channel Lafayette Amplifying System includes: 453-A Amplifier with cover, less tubes, in single airplane luggage carrying case, size: 12-1/4" H, 15" W, 12-1/4" 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 $169.95. YOUR COST $84.50.

MODEL 481-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 745-T—Same as Model 481-T, but with One microphone (your choice from Standard Mike Selection); one 3-section collapsible mike stand, extends 17" to 60" (K13430); 25-ft. mike cable; all plugs, instruction, READY TO OPERATE (NO EXTRAS). Code, REDAN. Shpg. wt. 135 lbs. List Price $218.90. YOUR COST $109.45.

MODEL 755-T—Same as Model 745-T, but with Two microphones (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, RIVER. Shpg. wt. 140 lbs. List Price $236.30. YOUR COST $118.15.

Standard Mike Selections

De Luxe DUAL-CASE Portables

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: 690-A Amplifier complete with cabinet, less tubes and volume indicator meter, in airplane luggage carrying case, size: 12-1/4" H, 19" W, 12-1/4" 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. 155 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 $54.50

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. 155 lbs. List Price $300.00. 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.

For additional mikes (from Standard Selection) up to 4, and all chrome floor stand (K-13528). Add. Per Mike and Stand $15.90.
Lafayette CO-ORDINATED 20 to 30 WATT THEATRE SYSTEM

- Sound-On-Film Amplifier System for Theatres, Schools, Churches, Resorts, Showrooms, Camps
- Every 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.

**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 447-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"/4" H., 18" W., 10" D. Code: SKRT.

Shop 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**

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**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: 2-125/7, 1-65C7, 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. List $55.90.**

**Your Cost**

$29.95

**MODEL 447-T—Same as above but with set of RCA 468 tubes. Your Cost**

$34.19

**MODEL 447-DP—Decorative Cover only. Your Cost $2.10**

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**AMPLIFIER CHARACTERISTICS**

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, theaters, broadcast studios, etc., where only the highest both workmanship and performance is good enough. It is unusually flexible in that each major function has been made up as a separate unit.

Monitor: A monitoring panel is equipped with a meter and control providing an actual visual check on output values as high as +48 db. (From 20000 to 38000 watts.) A specially designed steel case to house these units is available in two sizes. The completed units are extremely attractive. Case panels are finished in two tones of gray with red trim.

MODEL 192-P - Case only, with 281/2" Panel Space. 28"x201/4"x131/2". Shpg. wt. 47 lbs. YOUR COST $14.25

MODEL 193-P - Case only, with 101/2" Panel Space. 121/4"x201/4"x131/2"." Shpg. 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 3 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 +48 db. And 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 31/8"x11/8" mounted on 2 panel space. 31/2"x3/4". Shpg. wt. 10 lbs. YOUR COST $41.95

MODEL 146-P - List $33.90, YOUR COST $27.90

(E) Channel High Fidelity Mixer - Specialized designed unit that affords greater attention with smoother control of action on all steps of any kind. For superior to professional purposes. Wide range of input impedances permits with various high level devices such as close talking crystal microphones, 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 impedance available are 50, 125, 250, 333 and 500 ohms. Balanced line output operates directly into Nemo (remote control) line. Maximum output level for maximum input 100 volts; gain of 37 db on each channel; frequency response: -2 db from 40 to 10,000 cycles. Tubes used: 6E7's. Power requirements: 6 volts at 1 ampere, 100-350 volts at 15 ma. Chassis 31/8"x11/8". Mounted on rack panel 31/2"x13/4". Shielded plugs for input and output.

MODEL 182-T - 5 Channel Mixers. With tubes. List $71.40. Shpg. wt. 20 lbs. YOUR COST $35.70

No Finer Sound Equipment At Any Price
DeLuxe 7-Tube High Fidelity 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 16J7, 14K7, 1466, 2-6CS's, 1-570G 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 1380 kc.; amateur band from 1.61 to 5.35 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-amp condenser; shielded circuits.

MODEL 1023-T—Lafayette 3-Band Superhet Tuner with panel for 19" rock mounting. Platinum gray wrinkle finish. Complete with tubes. For 110/220 volts, 50/60 cycles a.c. Size: 19" wide, 10" high, 8" deep. Shp. wt. 18 lbs. Code SCAID. YOUR COST $48.95

MODEL 1031-T—As above, but chassis only, less panel. For cabinet mounting. With tubes 13x10x8-3/4". Shp. wt. 10 lbs. Code SKILL. YOUR COST $44.95

Standard 7-Tube Push-Button Model
* 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: 16A7, 1466, 1-75, 1-76, 1-6AC60, 1-4B and 1-405 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. Shp. wt. 17 lbs. Code SETH.

MODEL 1024-T—As above, but chassis only, less panel. For cabinet mounting. With tubes 15x8x12-3/4". Shp. wt. 13 lbs. Code SHER. YOUR COST $29.95

MODEL 1024-Y—As above, but chassis only, less panel. For cabinet mounting. With tubes 15x8x12-3/4". Shp. wt. 13 lbs. Code STH. YOUR COST $25.95

"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 radiophones. 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 tangential 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., 7-1/2" h. For 110 volts, 60 cycles a.c. Complete with 4 ft. shielded lead. Shp. wt. 21 lbs. K21080—YOUR COST $12.95

K21811—YOUR COST $12.95

K21944—CASE ONLY, YOUR COST $12.95

"Deluxe" High Fidelity Portables
* Governor Controlled Motor With Speed Regulator
* SHURE "Zephyr" High-Fidelity Crystal Pick-Up

An excellent portable phonograph record player that has been designed for use in high quality P.A. installations or with radiophones. 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 tangential 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., 7-1/2" h. For 110 volts, 60 cycles a.c. Complete with 4 ft. shielded lead. Shp. wt. 21 lbs. K21080—With Green Flyer two-speed motor (78 and 30/45 r.p.m.) For 110 volts, 60 cycles a.c. YOUR COST $18.40

K22003—With Garrard single-speed motor (78 r.p.m.) For 110 volts, 60 cycles a.c. YOUR COST $12.50

K22002—With Garrard single-speed motor (78 r.p.m.) For 110 volts, 60 cycles a.c. YOUR COST $25.65

K21932—Case Only Available—YOUR COST $4.75

Lafayette SPECIAL P.A. TUNERS WITH FOR P.A. SYSTEMS
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 in 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 volume gain. Remote stations can be placed at any distance from the master station without affecting volume or quality. Tubes used in the amplifier are: 1-125C7, 1-50L6 "beam power" and 41525 in an absolutely hum-free rectifier circuit.

**Handsome Walnut Cabinets**

Both master and remote stations employ high-quality, permanent magnet dynamic speakers, utilizing the latest type magnets. Both stations are housed in attractive walnut cabinets; measures only 7"x33/4"x9".

**Very Simple to Operate**

Only three controls are incorporated on the master station: a selector switch; a combined volume control and "on-off" switch, and a "talk-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 talk or answer master station.

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 complete with tubes, one Remote station and full instructions. For 110 volts AC or DC. Shpg. wt. 12 lbs.

**Code RABCC**

**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.

**YOUR COST** $4.95

**K20996**—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

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**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 desire.

**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 5 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 "talk-to-talk" switch. Installation is exceedingly simple with the Multiple Master System. The requisite cable connect 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 A.C. as on 110 volts D.C.

**High Power—Plastic Cabinet**

Each unit or station contains its own amplifier, using 1-125C7, 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: 83/4x61/2x31/2 ins.

**MODEL 394-T—Multiple Master Station**, complete with tubes and instructions. Wt. 15 lbs. Code, RGHJN.

**Per STATION** $21.50

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**Connecting Cables**

Use 3-wire cable for 2 stations; 4-wire cable for 3 stations, etc.

**No.**

Wires | Per Ft. | 100 Ft.
---|---|---
K16089 | 3 | 5c | $1.95
K16080 | 4 | 5c | 2.45
K16081 | 5 | 5c | 3.10
K16082 | 6 | 5c | 3.50
K16083 | 7 | 5c | 3.95
K16084 | 8 | 5c | 4.95

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**For 110 volts A.C.**

**Per 100 ft.**

- **K20949**—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
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 12½" (for pressings) at either 78%, or 78 RPM simply by reversing the idler wheel, at 110 lines per inch. Supplied to cut outside (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" during cutting. Exclusive Bruno "Dual Action" lever automatically engages nut to head screw, then lowers cutting head to proper depth, cutting this machine the safest and simplest to operate. A new and perhaps more important range horizontal type with visual pressure indicator. All adjustments are factory set. The gap is set at 0.012. The Bruno high-fidelity Symphonic unit, the only one having microphone output. Pick-up should be connected to mike input of the amplifier. In portable airplane cloth covered case 10×18½×12". All external connections brought out to panel plugs. For 110 volts, 60 cycles a.c. Shpg. wt. 44 lbs.

K22511—YOUR COST $131.93
Special worm and worm gear for changing from outside-in to inside-out for Shpg. wt. 4 lbs.

K22511—YOUR COST $5.88
Lead screw and cut 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 12½" 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 soft test 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. Doubly damped, it is illuminated, sensitive V/1 meter for cutting level monitoring is also supplied. Playback pick-up is a high-sensitivity crystal unit. All controls on a neat panel. Slipping tracts in airplane luggage case 17½x22x11½". For 110 volts, 60 cycles a.c. Shpg. wt. 42 lbs.

K22514—Bruno "A" Recorder with built-in amplifier and speaker. With tubes. No mike supplied. YOUR COST $126.56

"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 with the turntable without any extensive mechanical changes. The built-in amplifier comprises a heavy cast aluminum turntable machine with equal excellence. Needling angle is 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 stylus. Can be mounted on a board 13x15"; depth below paper 13½"; height above panel 2½". For 110 volts, 60 cycles a.c. Shpg. wt. 12 lbs.

K22516—List $94.50. YOUR COST $55.57

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 Meier, with blue marked dial, monitors the volume level. Torpedo Crystal Microphone is supplied, complete with heavy chrome plated colored collapsible floor stand and connecting cable. Groove cutter incorporates a 2½" drive under neath assembly, propelled by a General Electric constant speed heavy duty motor and an heavy cast aluminum turntable.

Cutting Head is a true-fidelity magnetic type, entirely housed in a rigid cordovan leatherette. Size: 16x10x20". For 110 volts, 60 cycles a.c. Shpg. wt. 42 lbs.

K22505—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. Features include: General Electric 1/20 H.P. constant speed, self-starting motor with constant speed heavy duty idler, cast aluminum turntable machine with equal excellence. Needling angle is 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 stylus. Can be mounted on a board 13x15"; depth below paper 13½"; height above panel 2½". For 110 volts, 60 cycles a.c. Shpg. wt. 80 lbs.

K22500—Recorder in case. With crystal playback pick-up, less cutting head. Specify lead-nickel or lead-steel, desired type. For 110/120 volts, 60 cycles a.c. Shpg. wt. 80 lbs.

K22507—YOUR COST $245.00

Cutting Heads Only

CRYSTAL: Range 50 to 10,000 c.p.s. Supplied with transformer to match 500 ohm line. K22504—YOUR COST EACH $75.00

MAGNETIC: Made by Audak. 15 or 500 ohm impedance. Can be mounted on a board 13½x15½". Depth below paper 9½". For 110/120 volts, 60 cycles a.c. K22501—Medium Fidelity EACH $45.00

K22502—Wide Fidelity EACH $45.00
**Automatic RECORD CHANGERS and PHONO MOTORS**

- **Green Flyer** Phonome: Standard Motors for 110 V, 50/60 Cycles A.C.
  - Incorporates silent laminated central cut bakelite gears completely enclosed and run in oil. Overtidized, self-lubricating bearings; will not seize in closed cabinets. With speed dial, hardware and speed indicator. K102 Single speed (78 r.p.m.) With 10" turntable. $7.65
  - With 12" turntable. $7.95
  - You Cost. $10.20

- **RCA Automatic Record Changer**: Simple, foolproof mechanism with distinctive modern features. Plays twelve 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 on minimum record wear. Finished in attractive brown wrinkle. Operates from 110-120 V, 60 cycles A.C. Shpg. wt. 26 lbs. $26.43

- **Packard Automatic Record Changers (Series K)**: A low priced simple, compact unit. Plays, repeats or rejects eight 10" records manually. Last record repeats until switch is turned off. Supplied complete with Flexo high-impedance crystal pick-up, volume control, "off" switch. Exposed parts finished in brown. Space required: 17x13x5 1/2". Shpg. wt. 30 lbs. K135 Model K, single speed (78 r.p.m.). For 110 volts, 50/60 cycles A.C. Less case. List $46.00. Your Cost K135 $27.60
  - As above, but two-speed (78 and 33 1/3 r.p.m.) $29.40

- **Diamond Cutting Needle**: Made of 8 to 10 carat t.w. diamond, mounted in solid silver. $1.65

- **Naphthalene Records**: A B
  - Highly polished, almost negligible scratch level, long life. (A) For recording on "Lamino" and acetate record blanks. $3.45
  - Your Cost Each. $3.45
  - (A) For recording on aluminum. $3.50
  - Your Cost Each. $3.50
  - (B) For recording on pre-grooved position and celluloid. $2.25
  - Your Cost Each. $2.25

- **Steel Recording Needles**: Made of Stellite, an extremely hard metal. Points are ground with diamond to a very particular angle which gives a quiet cut and more faithful reproduction. For acetate. $1.00

- **Green Flyer Transcription Motor**: Design for 16 transcriptions, commercial program records, etc. Heavy duty motor. Lightweight alloy 15" turntable. Self-lubricating bearings, gears in run in oil. For 78 and 33 1/3 r.p.m. recordings. K20-200, 110 volts, 60 cycles A.C. wt. 18 lbs. $24.95
  - As above, but 20" turntable. $41.85

- **Thoresen Constant Speed Motor**: Finitely constructed, constant speed 78 r.p.m. motor. Self-starting type. Mounting plate attached to motor mount for ease in changing. Totallly enclosed, free from dust or dirt. Switch on motor operates inertia, and feed; automatic, with 12" turntable. $5.25

- **RCA Automatic Record Changer**: Simple, foolproof mechanism with distinctive modern features. Plays twelve 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 on minimum record wear. Finished in attractive brown wrinkle. Operates from 110-120 V, 60 cycles A.C. Shpg. wt. 26 lbs. $26.43

- **Packard Automatic Record Changers (Series K)**: A low priced simple, compact unit. Plays, repeats or rejects eight 10" records manually. Last record repeats until switch is turned off. Supplied complete with Flexo high-impedance crystal pick-up, volume control, "off" switch. Exposed parts finished in brown. Space required: 17x13x5 1/2". Shpg. wt. 30 lbs. K135 Model K, single speed (78 r.p.m.). For 110 volts, 50/60 cycles A.C. Less case. List $46.00. Your Cost K135 $27.60
  - As above, but two-speed (78 and 33 1/3 r.p.m.) $29.40

- **Packard Automatic Record Changers (Series K)**: A low priced simple, compact unit. Plays, repeats or rejects eight 10" records manually. Last record repeats until switch is turned off. Supplied complete with Flexo high-impedance crystal pick-up, volume control, "off" switch. Exposed parts finished in brown. Space required: 17x13x5 1/2". Shpg. wt. 30 lbs. K135 Model K, single speed (78 r.p.m.). For 110 volts, 50/60 cycles A.C. Less case. List $46.00. Your Cost K135 $27.60
  - As above, but two-speed (78 and 33 1/3 r.p.m.) $29.40
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 skid when engaging crystals;
- SPRING MOUNTING "floats" the entire mechanism. Self lubricating motor. Panel and parts on panel finished in statuary bronze. Size: 15" long, 11 1/4" 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
K20993—YOUR COST. $38.22
RC-11: As above, but for D.C. and A.C. (22-60 cycles). $44.10
K20990—YOUR COST. $44.10
RM-10: Like RC-10, with Hi-Fi magnetic pick-up. $39.69
K20991—YOUR COST. $39.69
RM-11: Like RC-11, with Hi-Fi magnetic pick-up. $45.57
K20992—YOUR COST. $45.57

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 above. PLUS: SWIVEL HEAD on CRYSTAL pick-up that permits top loading of needles; 2 NEEDLE CUPS on panel, 16" long, 14" wide, 5 1/4" above and below panel. Shpg. wt. 33 lbs.
RC-50: For 100/130, 200/250 volts, 50/60 cycles a.c. $52.92
K20985—YOUR COST. $52.92
RC-51: As above, but for D.C. or A.C. (25-60 cycles). $58.80
K20986—YOUR COST. $58.80
RM-50: Like RC-50, with Hi-Fi Magnetic Pick-up. $54.39
K20987—YOUR COST. $54.39
RM-51: Like RC-51, with Hi-Fi Magnetic Pick-up. $59.27
K20988—YOUR COST. $59.27

Airplane Luggage Cases
Portable cases for record changers. Each motor board. Sewn leather edges all around. Wt. 14 lbs.
RC-51: For RC-10, Each. $6.91
K21009—For RC-10. Each. $6.91
RC-50: For RC-50, Each. $7.49
K21010—For RC-50. Each. $7.49

Walnut Cabinets for Record Changers
Beautiful burr walnut cabinets designed to house the above automatic record changers. Sturdy hinged top, motor board. Size: 21" W., 16 1/4" D., 11 1/2" H. Wt. 15 lbs.
K21009—For RC-10. Each. $11.65
K21010—For RC-50. Each. $11.65

Walnut Cabinets

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, 5-point rubber mounted on a 12" polished bronze plate; ready for installation. Speed adjustable by turning. Wt. 40 lbs.
201-S: Single Speed (78 r.p.m.).
K20991—List $36.00. $23.54
201-T: 2-Speed (78 and 33 1/3 r.p.m.).
K20994—List $40.00. $25.52

Garrard Built with the precision of a watch
**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 highest arm. Output voltage approx. 2.5V volts; frequency response 60-7000 c.p.s. For both 10" and 12" records. Supplied with 21" cable and arm rest.

Your Cost Each $4.41

K137 - Black Bakelite.
K138 - Walnut Bakelite.

**WEBSTER X'tal Pick-Up**

With Pilot Light

New model! Hermetically sealed brass case crystal cartridge with range up to 8000 c.p.s.; improved high frequency response. Moisture and shock-proof mounting of the crystal. 9" brown finished arm has floating coupling. With arm rest and leads. Pilot light leads on base head. Needle pressure 2.5 oz. Shpg. wt. 2 lbs.

K512 - With Pilot Light $3.21
K513 - With Jewel Only $2.91
K510 - Replacement Cartridge. Each $2.12

**GARRARD TANGENT ARM PICKUPS**

De-Luxe Crystal Type

Swivel Head

Incorporates every modern improvement, to insure faithful reproduction, such as unique “easy to load” swivel head; “True-Tangent” arm and ball-bearing pivots, 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 shield. Engine-turned.

Your Cost Each $5.88

**K13382 - Your Cost $5.88**

**“Hi-Fi” Magnetic Type**

Same as above, but with high impedance magnetic head.

Your Cost Each $6.06

**AUDAX Phono-Pickups**

**Model AT-12**

Beautiful streamline construction, with scientific bending, big flow on record; response over 6000 c.p.s. Equipped with new needle guide, non-resonant arm with precision ball-bearings. Plays records up to 12". Length 9½". High Imp. only.

Your Cost Each $7.35

**Model AT-10**. Same as above, but frequency response not as high.

Your Cost Each $4.70

**AUDAX Microdryne Pickups**

Fine modern construction and appearance. Employed scientifically off-set needle guide; compensated output, eliminating resonance peaks and boosting bass frequencies, new, non-resonant arm.

For Records up to 12"

K13438 - 500 ohms $29.41
K13439 - 1000 ohms $29.41
K13440 - 2000 ohms $29.41
K13441 - 5000 ohms $29.41

K13435 - 500 ohms $17.35
K13436 - 1000 ohms $17.35
K13437 - 2000 ohms $17.35
K13438 - 5000 ohms $17.35

D-36. Response over 7500 c.p.s. Black and Chrome finish. Length 12¼". Each $22.64
K13439 - 500 ohms $22.64
K13440 - 1000 ohms $22.64
K13441 - 2000 ohms $22.64
K13442 - 5000 ohms $22.64

K13430 - Your Cost

AUDAX Models not listed supplied on order, Models AT-12, D-25 and D-24 also available in 200 or 500 ohms.

**ASTATIC Model 0-7 X'tal Pick-Up**

Employing offset head construction to provide maximum fidelity; minimum tracking error. Arealization reduces motor noise and feedback. Response essentially flat over the entire tone range. Streamlined design; lightly dished stylus; needle pressure only 2½ ounces; easy needle loading. 9½" overall. Black and chrome finish. Wt. 3 lbs.

K214 - Your Cost Each $3.82

K233 - Crystal Cartridge for above $2.94

**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. Peak range record life. Insertion of needles has greatly improved and now turns 140°, and the needle is dropped in from the top. Telephone black with chrome trim. High Impedance.

K172 - 12" Arm. Shpg. wt. 4 lbs. List $17.50.
K173 - 12" Arm. Shpg. wt. 5 lbs. List $22.50.
K174 - 12" Arm. Shpg. wt. 6 lbs. List $27.50.

For 10" and 12" records.

Your Cost

K177 - Your Cost Each $10.29

K173 - Your Cost Each $13.23

K143 - Crystal Cartridge for above units $5.53

**WEBSTER “Mellotone” Crystal Pick-Up**

A new, uniquely designed crystal pick-up having a solid wood, walnut finished tone arm. Offset to provide the benefits of tangent tracking. Has rubber sealed high impedance crystal cartridge (130,000 ohms.) Full lift hinge for easy needle loading. Wt. 3 lbs.

K618 - With 30" lead. For 10" and 12" records. Cost $3.47
K540 - Crystal Cartridge only. $2.55

**WEBSTER Fidelity Pick-Up**

Magnetic Type

100 to 700 C.P.S.

Remarkably fine high fidelity performance with ease of use. Response from 100 to 7000 cycles per second. Designed to operate with ordinary needle scratch. Non-counterbalancing in needle. When used on either 33½ or 78 r.p.m. recordings. Finished in beautiful brown, Volume built-in. High impedance coil requires no matching transformer. Shpg. wt. 4 lbs.

K147 - Your Cost Each $5.64

K115 - Same, less volume control. $5.65

**ASTATIC PIEZO PICKUPS**

Model AB-8

Improved design, with new cushioning principle, with new spring-pillow mounted; 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. Satin brown finish.

K115 - Your Cost Each $5.88

Models 5-8 and 5-12

Extremely light in weight; ball bearing arm. Overall finish in crystaline black. Shpg. wt. 1½ lbs.

K161 - For 10" and 12" records. Wt. 1½ lbs. Arm. Your Cost $5.88
K162 - For records up to 16". 12" arm. Your Cost $7.35

Replacement Crystal Cartridges

K149 - For use with K162 $2.94 Ea.
**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.

K159 - Package of ten. $29.95
Your Cost Each. $2.10

BÜTENA Thorn Needles
Specially selected, imported thorn. Do not biss, scratch or injure thorn. Results in good high-fidelity response.

K217 - (Red) for Phonograph, Pickup. $2.50
K229 (Green) for Record Change Package, 12. Each. $5.50
10 Packages for. $45.00

**Fibre Needles**
For Aluminum record playback. Envelope of 12.
K143 - Your Cost 8¢
100 For $0.90

**Needle Sharpener**

* C l e a v e r mechanical sharpener to get extra fine point as new. Operates entirely by hand. Quick and inexpensive.

K218 - Your Cost Each. $1.10
Lots of 3. Each. 90¢

**Stroboscope**
Calibrated 78 and 45 r.p.m. record with 26-50-60 cycles. Diameter 12¢

K357 - Each. 12¢

**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 with attractive walnut.

**RCA Magnetic Pick-Up Heads**
K110 9681 8.5 $1.08
K131 9685 30.0 $1.16
K132 9669 700 $2.50
K134 9670 2800 $2.00
K135 9679 4800 $1.80
K137 9749 8500 $1.00

*Original replacement for E145, 76, Victor 1322, etc. Black finish.

**Pick-Up Arm**
Universal type, fits all heads listed above. Balanced perfectly. Part No. 9678.
K137 - Your Cost $4.41

**RCA Pick-Up Coils**
K110 No. 23 254 $0.06
K111 No. 23 214 $0.20
K136 No. 23 214 $0.20
K150 No. 23 214 $0.20
K138 No. 23 214 $0.20
K175 No. 23 214 $0.20

**Rubber Pickup Dampers**
RCA No. 2620 - Complete set of pickup dampers. Installed in all makes of magnetic pickups.
K253 - Your Cost 7¢

**Lafayette**

**"Mystery" Phono-Oscillator**
Intriguing and convenient unit for enabling phonograph record player reproduction to be obtained from any record, without any connecting wires between two. Connects to any conventional record player; operates from any 110-120 A.C.-D.C. line. Economy winder, with two tubular, 76 and 6X AQ, 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 with necessitating wiring changes in radio set. Shpg. wt. 5 lbs.
K1059 - 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 maintain high-fidelity music reproduction. Connects 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 T.F. amplifiers (suppressor-grid modulated) and a 6X5's o.c. rectifier. Also, has microphone jack for home broadcasting. Easy to install and operate. For 110-120 v., 6 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 records; Improves reproduction by reducing needle friction, due to thin film of lubricant which is formed on record. New, improved oil. Lowers noise. 'K218 - Your Cost $2.91
K227 - Your Cost $2.91
K225 - Your Cost $2.91

**ASTATIC Crystal Pick-Up Tone Equalizer**
Adjustable: connects between crystal pick-up and amplifier. Rotary tone control is superior to Bass, Medium; High, K225 - Your Cost $1.91
K394 - Special 3/4 oz. trial bottle. $0.50

**Special Record Album**
Attractively bound album; with stiff cardboard back; closed snap on cover; soft leather. $0.50

**De-Luxe Record Album**
Finely Fabricated board album for storing and protecting records. Open flat; gold embossed. K22819 - $1.00

**Tune Mounting**
Base for attachment of pickup vacuum tube. K21423 - $1.00

**Bakelite Arm Junior**
Compact, efficient crystal pickup. Polished brown moulded bakelite for durability in an attractive design. Slipped crystal pickup. For 10" or 12" records. Frequency range 70 to 7000 cycles. No. 9868. $3.20
K279 - Your Cost $3.20
K380 - Crystal Carton for above. $0.95

**Home Recording Blank**
Flexible composition. Double faced. Shpg. wt. 1 lb. per package.
K381-$5.00, Pkg. of 4; $15.00
K382, - 12". Each. 35¢

**Steel Recording Needles**
K129 - Pkg. of 8. $0.95
K130 - Crystal Carton. $0.95

**Orthophonic Sound Box**
Universal; fits all RCA phonographs except 2-25. Bronze finish. No. 6927. Shpg. wt. 1 lb.
K350 - Each. $2.94

**PLAYBACK NEEDLES**
**REC-O-TON**
Straight shank with highly polished needle point sapphire. Gives response and high frequency response and 6000 perfect playings with practically no record wear. Especially designed for acetate, vitrolac and laminated records.
K421 - Package of 12. $10.00
K429B - 500 For. $1.25

**SUPERIOR Needles**
K430 - Package of 12. $10.00
K430B - 80 For. 20¢

**MELOGRAPH Special Needles**
For acetate records with high fidelity pickup or arm pick-ups. Prevents record wear and protects pickup. K345 - Package of 12. $10.00
K345B - 100 For. 60¢

**Permo Point Needle**
For general home use. Tipped with platinum to insure maximum tone fidelity and record life. Bayonet, Bayonet to 1000 records. With strobescope.
K358 - Per Pair. 65¢

**Actone Shadowgraph Needles**

**Senior Crystal Pick-up**
A really fine modernly styled crystal pickup with many unusual features. Top quality crystal used with needle box listed below—used needles are erected merely by loosening set screw and pressing lever. Box acts as arm rest. Brown finish. Range 76-1000 cycles. No. 9869. $4.95
K247 - Your Cost $3.79
K245 - Crystal Cartidge. $2.50

**RCA PHONO-EQUIPMENT**

**Phono Needles Play Back Only**
Steel. Hall Tone, 75 to envelope. K153 - Full Tone, 11". K130 - Extra Tone, 10". Your Cost Per Pack. 5%.

**Steel Recording Needles**
K129 - Pkg. of 8. Your Cost. 25¢

**Chromion, Semi-permanent needle, With colored shanks.**
K357 - Green (78 r.p.m.). $1.25

**Tungstone, Semi-permanent type.**
For use in automatic phonographs.
K157 - Extra-Loud Tone. Your Cost, Pkg. of 8. $1.82
K158 - Full Tone. Your Cost, Pkg. of 8. $1.82

**Orthophonic Sound Box**
Universal; fits all RCA phonographs except 2-25. Bronze finish. No. 6927. Shpg. wt. 1 lb.
K350 - Each. $2.94

**Playment Kit**

**RECORD-CLEANER**
**Straight shank with highly polished needle point sapphire.**

**Superior Needles**

**Highly Polished, Swedish Steel, Sealed and heat treated. Reduce surface noise. Used on acetate and commercial records. Good for 10 plays.**

**MELOGRAPH Special Needles**

**For acetate records with high fidelity pickup or arm pick-ups. Prevents record wear and protects pickup.**

**Permo Point Needle**

**For general home use. Tipped with platinum to insure maximum tone fidelity and record life. Bayonet, Bayonet to 1000 records. With strobescope.**

**Actone Shadowgraph Needles**

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A really fine modernly styled crystal pickup with many unusual features. Top quality crystal used with needle box listed below—used needles are erected merely by loosening set screw and pressing lever. Box acts as arm rest. Brown finish. Range 76-1000 cycles. No. 9869. $4.95
K247 - Your Cost $3.79
K245 - Crystal Cartidge. $2.50

**Phono or Micro Oscillator—Modulator**
Model 41057
For connecting either a high impedance line or phone pickup to any set irrespective of its type or make.
Furnished as a signal just like a regular broadcasting station which is fed into your receiver. To be used with the antenna connection. Operates on A.C. or D.C. Power. Works up to 1100 kc. Input power 35 watts. Employs one 12AF tube. Set contains power supply. 2 lbs.
K10599 - Your Cost $4.38
NEW "STREAMLINERS"

New models that give you 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, 3-ft. cord for stand. Diameter 2 7/8". Shpg. wt. 1 1/4 lbs.

Crystal Model 7A—Response from 30 to 10,000 c.p.s. Output 65 db below 1 volt per bar. Graflo Bimorph crystal, fully moisture-proofed, Screen-protected cartridge in shock-proof mounting. 7 ft. single conductor shielded cable. List $9.70 Your Cost $9.70

Crystal Model 7B—Same as with 25 ft. cable. Your Cost $10.76

Dynamic Model 5-G—Incorporates new pressure-operated moving-conductor principle. Excellent response. Internal matching transformer. 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 5/16-18 thread for fit most stands.

Crystal Model 7C—Same as above with 25 ft. cable. Your Cost $12.35

35-50 and 200-250 ohm models available on order only.

Ultra Wide-Range Microphones

High quality, wide-range crystal mike, featuring: response from 30 to 10,000 c.p.s.; dual drive high capacity Graphoil Bimorph crystal elements; barometric compensation; internal serve protected cartridge; output level 63 db below 1 volt per bar. Curved linear diaphragm, rich satin chrome finish; built-in cable connector and locking plug. 5/16-18 thread, shielded cable with plug attached. Shpg. wt. 2 lbs. List $25.00.

Crystal Model 7D—"Grille type" synergetic design, satin chrome finish. 3 1/4" and 5 1/2" circles. Complete with 25-ft. cable (max. recommended for best results). Output 63 db below 1 volt per bar. Case dimensions: 4 x 6 x 4" high. Shpg. wt. 4 lbs. List $25.00.

Crystal Model 7D—Fig. E. "Griple type". Your Cost $14.70

Crystal Model 7E—"Spherical" mike with non-directional horizontal pick-up. Satin chrome, 2 1/4" diameter. With 25-ft. shielded cable with plug attached. Wt. 2 lbs. List $25.00.

Any Above Model, Your Cost Each

Diaphragm Type 70H


K1364—Model 700D: Fig. A. Swivel type crystal with tilting head. Satin chrome finish, 2 1/4" diameter. Complete with 25-ft. shielded cable with plug attached. Shpg. wt. 2 lbs. List $25.00.

K1361—Model 701D: Fig. E. "Grille type" synergetic design, satin chrome finish, 3 1/4" and 5 1/2" circles. Complete with 25-ft. cable (maximum recommended for best results). Output 63 db below 1 volt per bar. Case dimensions: 4 x 6 x 4" high. Shpg. wt. 4 lbs.

K1362—Model 702D: Fig. C. "Spherical" mike with non-directional horizontal pick-up. Satin chrome, 2 1/4" diameter. With 25-ft. shielded cable with plug attached. Wt. 2 lbs. List $25.00.

Any Above Model, Your Cost Each

Crystal Hand Mike

Only 3 1/4" x 2 1/4" x 1 1/2". Complete with miniature case, iridescence for satin aluminum finish. High output, 70 db per foot. Cable and removable hook. Shpg. wt. 2 lbs. With switch.

Model 750B, Your Cost $13.23

Model 750A—Same as above, but with 25-ft. cable and plug. Shpg. wt. 6 lbs. List $24.20.

Crystal Microphones

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, response down 12-15 db at 45 degrees. Head tilted to 90°. With Shure cable connector and 25-ft. of cable. High impedance, for input of 100,000 ohms or more. Furnished with 25-ft. cable (maximum recommended for best results). Output 68 db below 1 volt per bar. Case dimensions: 3 1/2" high, 3 1/4" wide, 3 1/4" deep. Shpg. wt. 4 lbs.

Model 55C—Your Cost $26.46

3B Carbon Mike

Two button mike, 20 ohms per button. Complete with "quick-way" hand suspension. Rigid spring frames, built-in grilles. 8 diameter. Satin chrome finish. List $10.88 Your Cost $5.88

Tri-Polar Microphone

Model 55D—Output level (for 10 bar speech signal) 35 db below 1 volt per bar. Range 30 to 10,000 c.p.s. Tilted head, 5/8"—27 thread. Switch on base. With 25-ft. cable and plug, satin chrome finish. Shpg. wt. 3 lbs.

K1361—Your Cost $26.46
**Electro-Voice Carbon Microphone**

Model 50. Efficient 2-b. button unit, 1/8" dia. per button. Designed for long life and excellent reproduction. Has improved diaphragm, improved rear pickup, and lower normal operation; 3.9-5 ma., for close talking. Finished in light gunmetal. With "eye" button switch. Fnl. price.


Your Cost, Each $2.94

**Electro-Voice “630" Dynamic Microphones**

Diaphragm and voice coil have minimum of mass, to assure reproduction of high frequencies. Energized large Alnico magnets, to provide relatively high output. Has excellent bass characteristics. Case design provides high dispersion and no spring cables or rear pickup, reducing feedback, etc. Tilt from vertical to horizontal position, for directional or non-directional use. Output: 10-12,000,000 c.p.s. With "on-off" switch, 2 of 4 models: K13505—Model 630C. All Chrom. Finishes $16.17

Your Cost, Each $14.70

**Electro-Voice Carbon Mike**

Model 75. New, streamlined 2-button carbon microphone, with integral smoke absorber. 200 ohms per button. Has 5/8"—27 thread, spring cable. With 6 ft. cable. Finished in Gunmetal. Model 75B—D. $4.41

K13414—Your Cost $4.41

Light Gunmetal Stand for above. Drink. Your Cost 88c

K13422—Your Cost 88c

**New Electro-Voice "610" Dynamic Mike**

Designed especially for long en-"610
ering service, even in tropical climates. Tilt from horizontal to vertical, making it directional or non-directional. Has built-in shock absorber; light-weight, non-reactive Dycore diaphragm; locking Amphenol connectors; and 8 ft. of lowcapacity cable. Made of Bakelite and metal. Impervious to heat, salt air, pressure changes, etc. Response 40-8,000 c.p.s.; output—56 db. (open circuit). Final price. Finishes: Black, Imitation Copper, Imitation Gold. $13.23

K13717—Your Cost $13.23

**AMERICAN Carbon Mike Hand-Desk Type**

Fine 2-button carbon mike. Stretched duralum. frame. Rubber mounted yoke has 5/8-27 female thread to fit any 1" dia. Mtd. on Alnico plate. Finished chrome finish. 2 1/2" diameter. Converted to hand handle with type handle with handle listed below. See price. Shpg. wt. 4 lb. 10 oz.


K13657—"D-410". As D-404. With switch. Your Cost $4.41

**TRUETEST "25" Carbon Mike**

A high-quality two-button carbon mike. Stretched duralum. frame. Rubber mounted yoke has 5/8-27 female thread to fit any 1" dia. Mtd. on Alnico plate. Finished chrome finish. 2 1/2" diameter. Converted to hand handle with handle listed below. See price. Shpg. wt. 4 lb. 10 oz.

K13659—Handle only. Your Cost $8.86

K13660—Base only. Each $9.86

**BRUNO "MS" No-Voltage Velotron Microphone**

Requires no exciting voltage of any kind. Bi-directional characteristics. Output—15.000 c.p.s. Hi-impedance; permits use up to 1000 ft. of cable with only 8 db. loss. Finish, same as "30". Metal connector terminal; less cable. Shpg. wt. 8 lb.

K13557—Your Cost $7.94

25 ft. of cable, with female connector, for above. Shpg. wt. 6 lb.

K13665—Your Cost $1.47

**BRUNO Close Talking No-Voltage Velotron**

For use as hand or desk microphone, where close talking is used. Conceived and designed to minimize transverse noise pickup is essential. Output—15—500 c.p.s. Hi-impedance, for direct to grid connection. Rubber mount fitting permits use on any common telephone. Shock absorbing. 12-lb. ship. wt. 4 lb. Shpg. wt. 4 lb.

K13548—Your Cost $4.70

**Electro-Voice Velocity Microphone**

Has an extremely high output, due to new and larger magnets, and is so ruggedly built that it is immune to rough handling. Incorporates built-in switch; Amphenol cable connectors; 20-ft. shielded low-capacity cable; build-in shock absorber and an in-stantly adjustable locking cradle. Output —65 db., Substantially flat freq. response from 40,000-c.p.s. Zero axial response. Reduced feedback. Long lower reverberation characteristics. #3525. Finished in Gunmetal Grey with Chrome Trims. Has built-in transformer, B-Empedance, Model VI K13722—Your Cost $14.70

**JTX-38-31 X’tal Mike**

Wide-range, semidirectional crystal microphones of contempo-ray design and at popular prices. Has fixed angle position, for close talking and Dimorph crystal that is completely moisture sealed. Output—52 db. Flat response 10,000 c.p.s. has downward slope above 6000. Equipped w/ 5/8-27 thread. JTX-31 has concentric cable connector and 26 ft. of cable. Both finished Opal-White. Shpg. wt. 3 lb.

K13567—JX-30. Your Cost... $9.70

K13562—JTX-31. Your Cost $11.17

**"D-104" Speech Range X’tal Microphone**

Speech range microphone. Espe-cially designed for amateurists. Has reduced feedback tendencies; new type Graphite crystal element, and stepless gain control. Output —48 db.; response range 4000-10,000 c.p.s. chrome finish. With plug and connector w/ 5/8-27 thread. Shpg. wt. 2 lb.

K13362—D-104". Your Cost $13.23

K13375—"D-104H". As above, but hand-type.

Your Cost $14.40

K13374—"D-104H-D". As D-104H. With switch. Your Cost $14.99

**"3"-T" Crystal Mike**

Improved, new model with superb design and flexible design. Finished in Colori-nes and 7000 c.p.s. Tilt head controls directional characteristics. Tilt from horizontal or vertical position. Output —52 db., response 30 to 10,000 c.p.s. Standard plug and connector, with 5/8-27 thread, spring cable protector and 25 ft. cable. Shpg. wt. 5 lb.

Model GT-3. "T-3" microphone, with "Grip-cable" spring cable protector and 25 ft. cable. Final price. $17.64

Your Cost $17.64

**"D-2" Dual-Diaphragm Crystal Microphone**

Non-directional Watch-Case Model. Incorporates parallel Bimorph crystal elements in thin-waisted cartridge. Output level—60 db. Diaphragm is uniform from 30 to 10,000 c.p.s. 2 1/2" dia. Equipped with plug and connector w/ 5/8-27 thread, spring cable protector and 25 ft. cable. Bright chrome finish.

K13620—"D-2". As above. Your Cost $14.70

K13621—"D-2H". As above, but hand type. With 8 ft. cable. Your Cost $15.88

**"MU-2" and "MU-4" Multi-Unit Crystal Microphones**


K13371—MU-2. Your Cost $17.34

K13372—MU-4. Your Cost $22.22

**"Grip-to-Talk" Stand**

Grip-to-talk. Desk Stand, for all above Astatic microphones. Overall height is 11". Upright is adjustable. Finish is finished in telephone black.

K13373—W. Your Cost $5.88

**"L-1" Lapel X’tal Microphone**


K13349—Each $14.70

**Modern P.A. Microphones**

**Perfect Merchandise - Prompt Shipment - Personal Service**
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 fidelity to whispers, and frequencies, with the famous "name" bands throughout the country; has been used by the Philadelphia Symphon), Orchestra to re-inforce a mandle solo. It creates new, beautiful effects. High output, for low or high gain amplifiers of 30 dB. Range 40-9000 c.p.s. With 25-ft. cable.

K13661 — Model KTH. Hz-imped. $12.94
K13662 — Model KTL. 200 ohms. Each $12.94

Either Type, Your Cost

Kontak Mike With Built-in Vol. Control

Same as above, but with built-in volume control. Output, models listed above 30%; 90% with 25-ft. cable.

Your Cost
K13651 — Model KTR. Hz-imped. Contact mike, with 25-ft. cable.

Kontak Mike Price List

Model C6 Crystal Mike (A)
New, improved crystal mike in polished chrome case 3½" high, 2½" diameter. New construction results in improved wide range response, extra sensitivity, less mechanical noise. Tilt swivel has ½°—27° thread. With 7½-ft. cable. Shpg. wt. 2 lbs.

Model D7-T Dynamic (B)
All-purpose, rugged dynamic mike in chrome finished case 3¾", excelling for F.A. use, indoors or outdoors. Minimum feedback, 10 ohms; Output level approx. minus 55 db. 50% directional. With ¼°—27° thread. Shpg. wt. 3 lb.

Model D9-T Dynamic (C)
Compact dynamic mike in chrome finished case 3¾", ideal for speech and music. Output approx. minus 55 db. High impedance, 38,000 ohms. S.S. mounting plate shown on this page. With ¼°—27° thread directional pickup. With 12½—foot cable. Wt. 3 lbs.

Model D6-T Dynamic (D)

Your Cost $16.17

Model D5-T Dynamic (E)
Streamlined dynamic in chrome finished case 3¾" long, 2¼" diameter. High impedance, 38,000 ohms (multi-conversion). Output minus 50 db.; range 50 to 8,000 c.p.s. No pronounced peaks. Complete with tilt swivel for ¼°—27° thread and 25—ft. cable. Wt. 6 lbs.

Your Cost $19.10

Model D8-T Dynamic (F)
Screw-in type, ½" mounting flange, 38,000 ohms. With 25—foot cable. Wt. 3 lbs.

Your Cost $14.70

All dynamics have Alnico magnets and Hi-Perf. Trans.

Radio Wire Television Inc. formerly WHOLESALE RADIO SERVICE CO., INC.
Standard Banquet Stands

Same features as above, except non-adjustable and all-chrome.

K13582—#4 size. $7.80
K13542—#5 size. $8.50
K13540—#6 size. $9.15

Carbon Mike Stand

Has 5" octagonal, 1" wide wrinkle. Extra-long swivel handle. Base is fully adjustable. Height adjustable from 9" to 30". Wrinkle-black enamel finish. Shpg. wt. 2 lbs. $1.10

Deluxe Banquet Stand

Same as above, but with 6" removable round ring. Height 13" adjustable. Shpg. wt. 5 lbs. $1.45

K13552—New-Tone 1. $1.45
K13562—New-Tone 2. $1.45

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 diameter, 10". Tubing of heavy brass, with variable pressure chuck lock. Adjustable thumb screw. All Chrome finish. Shpg. wt. 27 lbs.

Special Portable Telescope Stand

Three-section adjustable, from 26" to 6 ft. Thumbscrew locking device. Base diam. 10". Shpg. wt. 10 lbs.

K13644—Regular. $6.15
K13645—Deluxe. $6.50

EGLI Improved Floor Stand

Adapted without any thumbedrewa, clutch release, etc. Simply grasp adjusting section and free or lower to desired height. Cannot slip or drop. Extended from 28" to 42". Has heavily weighted 10" diam. base, finished in silver gray finish. 3/4"-27 thread. All Chrome finish. Shpg. wt. 23 lbs.

Lafayette V-2 Mike Stand

All stands made of seamless brass tubing; triple chrome plated. Type "B" models have spun brass shells over heavy cast-iron bases. Model "C" models have heavy cast-iron bases finished in graceful platinum grey. All of standard height, extending from 35 inches to 68 inches, except Model "D". Latest silent clutch design finely balanced for greatest stability. Each stand threaded 1/4-27 to fit standard microphones. All weights specified below are net.

K13647—Model A; Base Dia. 10". Shpg. wt. 10 lbs. $7.45
K13524—Model B; Base Dia. 10". Shpg. wt. 11 lbs. $7.65
K13640—Model C1; Section demountable; Extends from 17" to 28". 13/4" to 47/4". 64" to 66". Base Dia. 9". Shpg. wt. 14 lbs. $5.45
K13535—Model D; Tripod; Base Spread 16". Shpg. wt. 10 lbs. $5.95

Boom Arm for Light Mikes

Ideal for studios, for floor shows, for taking sound movies, etc. Both types are chrome plated.

K13777—Non-adjustable. Extends 30" horiz. 3/4-27 thread. Chrome plated. $3.65
K13777—Similar, with adjustment to any angle to 90° of arc. $5.20

Add-A-Mike Channel and Control Arm

Permits use of additional microphones. With single 3-conductor connector for 2 or 4 wires. Also fits 6" cable with connector for amplifier connection. Individual volume control for each mike input. In attractive grey wood case. Shpg. wt. 2 lbs.

K13778—4" Channel. $4.75
K13779—2" Channel. $5.20

BRUSH Crystal Microphones

Model AP

Finest general purpose crystal microphone. Incorporates variable bass and treble tone control. High or low impedance, terminal strip within rear of mike has taps at high, 80, 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—You Cost. $17.34

Vibromike—"UM-1"

Small contact mike, for violins, guitars, etc. Good response and high output, permits use with small amplifiers. Dim.: 1/4 x 1/2 x 3/4". Shpg. wt. 2 lbs. With 25 ft. cable and muff clamp. K13467—You Cost. $10.29

Microphones

Ideal for all portable use. Instantly convertible to 6" banquet stand. Microphone Handle (B) and (C). Especially designed to fit modern microphones. Consists of 6" wrinkle platinum grey finish base, 2" chrome plated stem and 4 1/2" wrinkle platinum grey finish handle. Complete with cable connector. Shpg. wt. 5 lbs. $1.95

K13536—You Cost. $1.95

"Aerodynamic" Streamlined Mike and Stand

Pressure operated dynamic microphone, with frequency response flat from 100 to 6000 db. Output — 68 db. Impervious to temperature, humidity, etc. Has 5/16-27 thread, adaptors in low (250 ohms) and high impedance. With 30 ft. shielded cable. Polished chrome finish.

K13466—RCA No. M-6225S. $11.73
K13465—RCA No. M-6232S. High impedance. (40,000 ohms.) $12.91

RCA Home Broadcasting Mike

High-efficiency one-button hand microphone, at a sensationally low price. Excellent for ham and CB, broadcasting, phono oscillators, home recording, etc. Can be also used for certain types of transceivers. Input impend. 1200 ohms. Mic key current 6-10 ma. Shpg. wt. 2 lbs. $73

K13784—You Cost. $73

Universal Phono Player Microphone

An excellent heavy duty single-button carbon microphone for use with all ordinary players, home talks, 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. 1 lbs. $2.74

NOTE:

Write for literature and prices on Aston Mike-Lite Stands, the latest development in expanded stands — for "spot-lighting" the artist.
MIKE CONNECTORS, JACKS, AND PLUGS

APMENON '08 Heavy Duty Multiple Connectors

APMENON Heavy Duty Power Plugs

APMENON Single-Conductor Pin-Type Connector

APMENON Shielded — Locking MIKE Connectors 3 & 4 Conductor

Popular Phone Plugs Double Phone Plug

Molded bakelite shell. 2½" long x ½" dia. Each...

Metal Shell

Improved Phone Plug

CARTER No. 2 Flat Plug

Extension Cord Connector

Shielded 3 Way Microphone Plg

New Locking Type Shielded Telephone Plug

YAXLEY Plugs & Jacks

No. 75. Bakelite Shell. Screw term. Two Conductor...

Microphone Plugs — Jacks

Shielded male and female pin-type connectors, for speech and music, mfg. Locking type. Brass, cadmium finish. Single contact...

Locking Pin Plugs

Shielded male and femail pin-type connectors, for speech and music, mfg. Locking type. Brass, cadmium finish. Single contact...

To Speed Handling of Your Order — Use Our Order Blank
**CENTRALAB ECONOMY P.A. CONTROLS**

6 Straight Fader

For use with high impedance input devices, such as pickups, mikes etc. Provides a quiet fading from one source to another. Each unit contains a dual control tap switch, used in PA amplifiers, and some receivers as A/C and audio load resistor.

Stock Resistance

<table>
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<td>K3005</td>
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Gain Control

Similar to above but without center tap. Used as ordinary gain control.

Stock Resistance

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<td>K9008</td>
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**DUAL CONTROL MAINTAINING CONSTANT IMPEDANCE TO BOTH SIDES**

For special sound amplifiers, recorders, etc., requiring an efficient, noise-free "T" Pad.

Stock Imped. Stock No.

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<tr>
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**5 WATT "L" PADS**

Open frame type mount in single 1/4", 3/8", or 1/2", dia. 1/4", deep. 10 and 15 watt pads supplied in open frame type. 8 watt pads all enclosed dual frame type, 1" dia., 1/2", deep.

Stock Imped. Stock No.

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<tr>
<td>1000 ohms</td>
<td>K5662</td>
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</table>

**UTAH "T" & "L" PADS**

For all stands.

For all stands.

For all stands.

For all stands.

**Bakelite Speaker Plugs**

Molded connectors designed to fit the standard tube socket. Removable caps.

Stock No. Prons. Each

<table>
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<td>K1171</td>
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**Locking Metal Sleeve Connectors**

Designed to fit over the male and female connectors shown above. Cadmium plated steel. Diameter 1 1/4", length 2 1/4". Set consists of one "A", and one "B".

Stock No.

<table>
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<tr>
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**YAXLEY Pin Plugs**

Bakelite insulation, polarized plugs.

Positive spring contacts.

For single conductor shielded cable.

For all stands.

For all stands.

For all stands.

For all stands.

**Mike Connectors**

For single conductor shielded cable.

Self-wrapping contacts. Locking type. Solid brass, finished in gunmetal. All have 9/16" thread.

Stock No. Each

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<td>K1174</td>
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**Reducers and Swivels**

Made of solid brass, chrome plated.

For all stands.

For all stands.

For all stands.

For all stands.

**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 adjustable to any position. Shpg. wt. 2 lbs.

Stock No. Each

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<tr>
<td>K1166</td>
<td>$5.00</td>
<td>Male and Female Each</td>
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**Etched Dial Plates**

Etched aluminum and black dial plates, calibrated 0-100, 0-200, 0-250 V, high by 1 1/4", wide, with four mounting holes.秀丽的刻度上的设计。

Plain Record

Gain Microphone

Tone Master Gain

Stock No. Each

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<tr>
<td>K1136</td>
<td>$3.50</td>
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**Carbon Granes**

Excellent fine quality graphite, made for use in fine mikes.

Stock No.

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**Crystal Mike Cable**

Flexible stranded tinned copper single conductor; tinned copper braid shield, cotton wrap and lacquered braid, rubber overall.

Stock No. Each

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<td>K1634</td>
<td>$2.25</td>
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**Low Impedence Crystal**

Etched for use with all high sensitivity microphones.

Stock No. Each

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<td>K1632</td>
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Flexible Goose Necks

Can be used to make your own neckstand, desk stand, etc. Have 3/8"-27 threads on each end. Finish bright chrome, 3/4" dia. 8" long.

Stock No.

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Microphone Switches


Stock No. Each

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<td>K11655</td>
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**Mike Cable Clip**

Hold Mike cable close to stand. Spring tension makes attachment easy to any mike stand. Brass, nickel plated.

Stock No.

<table>
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<tbody>
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<td>K1662</td>
<td>$2.50</td>
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**All Rubber Cable Loop**

Keeps mike cable close to stand. Soft rubber cable. All stands to 1 1/4" diameter.

Stock No.

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<tbody>
<tr>
<td>K1162</td>
<td>$21.00</td>
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**Microphone Springs**

Made of fine tempered steel.

Stock No.

<table>
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**P.A. ACCESSORIES**

**PRICES SUBJECT TO CHANGE...**
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 independent 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 provide the sound slightly upwards so as to obtain coverage to the extreme rear of the auditorium. Constructed of selected wood veneers covered with attractive durable brown leatherette. Two sizes are available. One for 10" speakers has outside dimensions of: 12" wide, 14-1/8" high, 15-1/2" deep. Complete wall mounting hardware speaker mounting screws and instructions furnished. Shpg. wt. 6 lbs.

K20055—10" Your Cost $16.25

K20056—12" Your Cost $3.75

Collapsible Floor Stand For Aluminum Baffles

Light weight and fine appearance. Folding sections are of seamless steel tubing. Clamps permit quick and simple adjustment from 46" to 78". Finishes are of baked enamel. Rubber-tipped legs. K20005—Stand Only Your Cost $5.95

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 the new Lafayette Trumpet. Construction of heavy spun steel alloy—yet light in weight, 17" tall; bell diameter 24". Designed for 8" cone unit. Mounting fixture welded to trumpet. Bracket with swivel available extra. K20079—Wt. 9 lbs. Your Cost $21.42

Special High Power 8" Cone Unit—For above Trumpet. 8 ohm voice coil. 31 ounce PM magnet. Rated at 15 watts. Your Cost $6.22

Both Trumpet and Unit When Purchased Together. Your Cost $24.95

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 covered outdoor locations or indoors where its extreme compactness is of advantage. It is made 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. 22½" bell. Overall length 24½". Height from base 21". Comes complete with base and fixture as illustrated. Requires same 8" unit listed with above speaker baffle. Shpg. wt. 20 lbs.

K20045—Your Cost $18.14

K20046—Your Cost, Less Unit $22.95

K20080 Unit When Purchased Together. Your Cost $18.14

Lafayette De Luxe All-Steel Projector

Constructed of heavy spun steel alloy and will accommodate all types of 12" speakers with or without transformer and permanent magnets. Overall length, 20". 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 3/4" pipe. Bracket, which is obtainable separately, has a tilting dog-toothed adjustable with swivel and lock nut. Shpg. wt. 9 lbs. Your Cost $1.90

K20025—Your Cost $1.90

Walnut Paching System Baffle

This polished walnut baffle has been especially designed for De Luxe installations. Will take any standard 6-PM speaker. Overall dimensions: 8¼" high; 7½" wide; 4¾" deep. At bottom. Designed for use with the average 12" speaker. Complete wall mounting hardware and instructions furnished. Shpg. wt. 6 lbs. Your Cost $5.95

K20019— Economy Model Your Cost $3.90

RACON Radial Cone Projector

An adjustable cone projector for use on a pedestal or floor stand. Extra large 360° radius projection. Excellent for use where the speaker is hung from the ceiling. Heavy gauge aluminum bell, cast aluminum mounting plate, all stainless steel 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

Midget Marine Speakers

Similar to larger units listed above, this design also makes for extremely compact construction. In a place where the speaker must be inconspicuous. Bell—10" diam. Overall depth—8”. Heavy aluminum bell. Bullet insert of RACON acoustic material. Speaker 6" power type P.M. Cap. 6 watts. 6 ohm voice coil. Shpg. wt. 4 lbs.

K20072—Complete Wall Speaker Only. Non-speaker. Your Cost $4.41

K20083— Your Cost, Less Speaker $3.99

K20084—Your Cost $5.00

ECONOMY Parabolic Baffles

New improved models that are unusually low in price yet highly efficient. Bell in standard gauge aluminum, 10" long and has an arc length 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 Mouting Fixture $4.25

Your Cost

K20054—Your Cost $5.25

Mounting Fixture—As illustrated, for mounting speakers anywhere. Has deep bronze Black wrinkle finish. Shpg. wt. 6 lbs. Your Cost $1.95

K20055—Your Cost $1.10

Saddle and Swivel. As above less base and pipe. K20097 $5.80

Waterproof Cover. For above. K20081 Shpg. wt. 2 lbs.

Lafayette "Storm Proof" Marine Horns

For 8" and 11" Cones. For all outdoor and indoor applications. Reflex construction. Heavy aluminum bell, finished in battish grey. Bullet insert of RACON acoustic material. All for 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.

K20067—8" Bracket $4.12

K20069—12" Bracket $6.17

142 RACON Radial Cone Projector

A n adjustable cone projector for use on a pedestal or floor stand. Extra large 360° radius projection. Excellent for use where the speaker is hung from the ceiling. Heavy gauge aluminum bell, cast aluminum mounting plate, all stainless steel material dispenser and a damped steel back. For 8" cone only. Bell—14" diam. Overall length—24". Shpg. wt. 20 lbs.
LAFAYETTE All-Purpose Dynamics
3½, 5, 6, 8, 10 and 12"

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 3500 c.p.s.; one-piece resonance, multi-frame, etc. All have latest design speakers. All speakers with universal transformers (match any single or push-pull tubes) or otherwise specified, are furnished with hook-up chart.

### Diameter Models

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>V.C.</th>
<th>Ohms</th>
<th>Watts</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1906</td>
<td>3½&quot;</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>$1.35</td>
</tr>
<tr>
<td>K1926</td>
<td>5&quot;</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>$1.35</td>
</tr>
<tr>
<td>K1927</td>
<td>6&quot;</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>$1.35</td>
</tr>
<tr>
<td>K1928</td>
<td>8&quot;</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>$1.35</td>
</tr>
<tr>
<td>K1929</td>
<td>10&quot;</td>
<td>5</td>
<td>4</td>
<td>2</td>
<td>$1.35</td>
</tr>
</tbody>
</table>

### 5" Diameter Models

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Field Res. Transformer</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1926-2 50</td>
<td>Universal 3000 Ohms Universal</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

### Special Outputs for 5" Speakers

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1926-2 50</td>
<td>Universal 3000 Ohms Universal</td>
</tr>
</tbody>
</table>

### LAFAYETTE Standard PM Speakers

A line of all purpose, high quality permanent magnet speakers. Each model matches a comparable field coil type speaker. Employ high permeability magnets, one-piece seamless cones, sturdy plated metal frames. Excellent response. Voice coil impedance, 6-8 ohms. All furnished less output transformer.

### Universal Tube Transformers for Above

<table>
<thead>
<tr>
<th>Tubing</th>
<th>Universal Transformer</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19273</td>
<td>For 3½&quot; &amp; 6&quot; models</td>
<td>$40c</td>
</tr>
<tr>
<td>K19274</td>
<td>For 5&quot; &amp; 8&quot; models</td>
<td>$25c</td>
</tr>
<tr>
<td>K19275</td>
<td>For 10&quot; &amp; 12&quot; models</td>
<td>$75c</td>
</tr>
</tbody>
</table>

### 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.

### Special 3" Magnetic Speaker

Highly efficient miniature loudspeaker, for small portable, communication systems, etc. Ruggedly constructed, with powerful magnet and fixed centered armature. Mtg. holes 2½". K19137—Win. 3½" Square Mtg. Flange.

### All-Metal Dome Baffle

Sturdy short flared aluminum baffle for call and interoffice telephone systems and public address installations. Finished in battleship-gray; with air vents for ventilation. Removable back makes speaker mounting simple. In two sizes, for 6" and 8" dynamics. 5½" unit is 6½" long; 6½" is 9½" long. K19070—5½ Baffle.

### Wall Mounting Enclosure for 6" and 8" Speakers

Easily designed for use with call systems, in restaurants, shops, stores, clubs, or dance hall installations, etc. Constructed of wood with metal trimming for all outdoor work. Inlaid baffle permits directing sound at 90, 120, or 150 degree angle. Shpg. wt. 3 lbs. K20041—For 6" speakers. 8½" high, 7½" wide, 4½" deep.

### UTAH Speakers

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.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Field Res. Transformer</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19334</td>
<td>6&quot; 6 ohms</td>
<td>$2.00</td>
</tr>
<tr>
<td>K19335</td>
<td>6&quot; 1000</td>
<td>$2.00</td>
</tr>
<tr>
<td>K19336</td>
<td>8&quot; 2500</td>
<td>$2.70</td>
</tr>
</tbody>
</table>

### Universal Transformers for Above

For universal transformers for above speakers, to match any tube or line.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19330</td>
<td>Univ. Line</td>
</tr>
<tr>
<td>K19332</td>
<td>Univ. Line</td>
</tr>
<tr>
<td>K19333</td>
<td>Univ. Tube</td>
</tr>
</tbody>
</table>

### "Permo" P.M. Speakers

These speakers are outstanding reproducers. They employ an improved design and composition type of magnet. All completely dust-proofed, less output transformers and with 6-8 ohm voice coils.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Magnet Watts</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19326</td>
<td>6&quot; 6 oz. 4-6</td>
<td>$3.94</td>
</tr>
<tr>
<td>K19327</td>
<td>6&quot; 6 oz. 7-11</td>
<td>$3.35</td>
</tr>
<tr>
<td>K19328</td>
<td>6&quot; 12 oz. 10-15</td>
<td>$5.14</td>
</tr>
</tbody>
</table>

### 10" and 12" Dynamics

Especially designed for radio receiver replacement work, or in medium PA systems at a medium frequency response and rugged construction. All supplied with Universal output transformer. Avp. shpg. wt. 11 lbs. K19312—10" Dia. 1000 ohm Field. Your Cost. $3.82

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dia.</th>
<th>Field Transformer</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19312-10</td>
<td>10&quot;</td>
<td>2500 ohm Field</td>
<td>$5.41</td>
</tr>
</tbody>
</table>

We Will Not Knowingly Be Undersold
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 1/2" voice coil with latest design spider suspension. Impedance 8 ohms at 400 c.p.s. Heavy steel frame, black enamel finish. Terminal strip back, fully shielded. Recommended field current 12 watts. All less transformer. Wt. 2 lbs.

Model 12FB - With 2000 ohm field
Your Cost Each $5.75
Any Type Special i.e., model, using type 80 rectifier. Less Tube...
K1923 - Your Cost...

LAFAYETTE Concert Dynamics Less Base

Identical with the units listed above, but do not have the metal stand-base. Field coils protected by metal housings. Lug terminals for voice coil and field connections. All furnished less transformer (suitable transformers listed below). Shpg. wt. each, 21 lbs.

K1923 - With 1000 ohm field
K1924 - With 3000 ohm field
K1925 - With 6000 ohm field

Your Cost Each $5.45

NOTE: Above speakers are built by the largest speaker manufacturers to Lafayette specifications.

Universal Line and Tube Transformers
For Speaker Model No. Stock No. Stock No. C.T.A.
P12, P12E K11390 K11354 .50 cents
12F, 12FB, P12F, P12G K11392 K11355 .95
P12GS, P12H K11393 K11357 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 600, 1,000, 2,000 or 5,000 ohm line. Average shpg. wt., each, 2 lbs.

Radio Wire Television Inc.
FORMERLY WHOLESALE RADIO SERVICE CO., INC.
### 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.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Model</th>
<th>Size</th>
<th>Watts</th>
<th>Ohms</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19095</td>
<td>A12-PB</td>
<td>12&quot;</td>
<td>15</td>
<td>2500</td>
<td>$7.41</td>
</tr>
<tr>
<td>K19091</td>
<td>PM12-B</td>
<td>12&quot;</td>
<td>14</td>
<td>2500</td>
<td>14.70</td>
</tr>
<tr>
<td>K19099</td>
<td>PM16-B</td>
<td>15&quot;</td>
<td>15</td>
<td>2500</td>
<td>17.64</td>
</tr>
</tbody>
</table>

#### 8", 10" and 12" Standard Dynamics Models “C”

High quality dynamics ideally suited for radio and television sets, as well as for recording. 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.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Model</th>
<th>Size</th>
<th>Watts</th>
<th>Ohms</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19888</td>
<td>C8-RS</td>
<td>8&quot;</td>
<td>2500</td>
<td>6lb</td>
<td>$4.26</td>
</tr>
<tr>
<td>K19890</td>
<td>C10-RS</td>
<td>10&quot;</td>
<td>2500</td>
<td>7lb</td>
<td>$5.29</td>
</tr>
<tr>
<td>K19891</td>
<td>C12-RS</td>
<td>12&quot;</td>
<td>2500</td>
<td>9lb</td>
<td>$6.32</td>
</tr>
<tr>
<td>K19892</td>
<td>C15-RS</td>
<td>15&quot;</td>
<td>2500</td>
<td>11lb</td>
<td>$7.94</td>
</tr>
</tbody>
</table>

### 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 but rendering somewhat less power. All have 8 ohm voice coils and are supplied less output transformers. See bottom of page for listing of suitable transformers.

- **Your Cost**
  - K19095: $7.41
  - K19091: $14.70
  - K19099: $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 page. Wattage ratings given below are power-handling capacity under continuous duty. All models fully dust proofed.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Model</th>
<th>Size</th>
<th>Cap. Watts</th>
<th>Ohms</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19076</td>
<td>PM8-B</td>
<td>8&quot;</td>
<td>8</td>
<td>5500</td>
<td>$5.00</td>
</tr>
<tr>
<td>K19088</td>
<td>PM10-C</td>
<td>10&quot;</td>
<td>7</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>K19092</td>
<td>PM12-C</td>
<td>12&quot;</td>
<td>10</td>
<td>7.75</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** WE CAN SUPPLY THE NEW JENSEN FULL RANGE SOUND SYSTEMS OR ANY JENSEN SPEAKER MADE, AT STANDARD DISCOUNTS. WRITE FOR FREE LITERATURE DESCRIBING JENSEN PRODUCTS.

### Series “S” Dynamos

#### Standard Replacements

All less output transformers (see listing under Series “C”), excepting No. K19977 which includes a 4 x 2 h.m transformer to match 45, etc.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Model</th>
<th>Size</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19895</td>
<td>H4-S</td>
<td>4&quot;</td>
<td>1.75</td>
</tr>
<tr>
<td>K19897</td>
<td>H4-S</td>
<td>4&quot;</td>
<td>1.25</td>
</tr>
</tbody>
</table>

#### 18” Speakers

Excellent for theaters, public address systems, fine radio, phonos or wherever the finest possible performance is desired. High Fidelity models have frequency response up to 10,000 cycles. —Standard Fidelity up to 5000 cycles. Power handling capacity—25 watts continuous—40 peak watts.

- **Your Cost**
  - K19905: $10.88
  - K19921: $5.88

### PER-DYN Reproducer


- **Your Cost**
  - K19956: $10.88

### Universal Matching Transformers

Transformers matched the above speakers to any output transformers, single or push-pull, or to universal (500, 1000, 1800, 2500 ohm). All transformers furnished with fittings, a.c. and d.c. input. Universal matching transformers listed below.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Model</th>
<th>Size</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19973</td>
<td>Line P.M. 45, 55, 80</td>
<td>500</td>
<td>56.8</td>
</tr>
<tr>
<td>K19975</td>
<td>Line P.M. 80</td>
<td>80</td>
<td>16.8</td>
</tr>
<tr>
<td>K19976</td>
<td>Tube P.M. 15</td>
<td>15</td>
<td>86.8</td>
</tr>
</tbody>
</table>

### Jensen Speakers

#### Model KP Speaker Enclosures

Improved speaker housings providing fine reproduction than that offered by "Infinite" baffles. Incorporate both "Peri-Dynamic" and "Rex Reflex" features, insuring crisp, clean reproduction of all notes. Made solidly of 1/8" plywood, either in "almond" or "natural" finish, with thin heavy black lacquer. Shipped knocked down, all hardware furnished.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Speakers</th>
<th>Lbm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19954</td>
<td>12 x 12 x 17&quot;</td>
<td>27</td>
<td>9.41</td>
</tr>
<tr>
<td>K19956</td>
<td>12 x 12 x 17&quot;</td>
<td>38</td>
<td>11.36</td>
</tr>
<tr>
<td>K19958</td>
<td>15 x 15 x 23&quot;</td>
<td>57</td>
<td>15.64</td>
</tr>
<tr>
<td>K19988</td>
<td>16 x 16 x 24&quot;</td>
<td>85</td>
<td>24.00</td>
</tr>
</tbody>
</table>

---

Radio Wire Television Inc. WHOLESALE RADIO SERVICE CO., INC. 84
**FABRIC CONES**

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Description</th>
<th>Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K19506</td>
<td>Ariston Model A</td>
<td>11/16&quot; Thick</td>
<td>$2.25</td>
</tr>
<tr>
<td>K19555</td>
<td>Airline 62-198, 26-476</td>
<td>5/&quot;</td>
<td>$1.75</td>
</tr>
<tr>
<td>K19558</td>
<td>Airline 62-197, 26-177</td>
<td>1/2&quot;</td>
<td>$2.25</td>
</tr>
<tr>
<td>K19559</td>
<td>Airline 62-236, 26-631</td>
<td>3/8&quot;</td>
<td>$2.25</td>
</tr>
<tr>
<td>K19560</td>
<td>Arvin 20A, 20B, 25</td>
<td>5/8&quot;</td>
<td>$3.25</td>
</tr>
<tr>
<td>K19581</td>
<td>Atwater-Kent F-4 Speaker, 15143, for Models 43, 46, 55, 60, 67</td>
<td>15/8&quot;</td>
<td>$3.75</td>
</tr>
<tr>
<td>K19782</td>
<td>Same size as for P-2 Speaker, Part No. 81655</td>
<td>1-3/8&quot;</td>
<td>$4.75</td>
</tr>
<tr>
<td>K19502</td>
<td>A-X 70, 74, O. Q. 246, 725, 836, 856</td>
<td>5/8&quot;</td>
<td>$1.85</td>
</tr>
<tr>
<td>K19507</td>
<td>Jensen 711, 911, 511, 810, 910, 911, 918</td>
<td>Part No. 82643</td>
<td>$4.00</td>
</tr>
<tr>
<td>K19559</td>
<td>Belmont 665, 690</td>
<td>3/4&quot;</td>
<td>$3.50</td>
</tr>
<tr>
<td>K19531</td>
<td>Bosch 660, 684, 694, 695, 696</td>
<td>5/8&quot;</td>
<td>$2.75</td>
</tr>
<tr>
<td>K19557</td>
<td>Bosch 6A, 39A</td>
<td>5/8&quot;</td>
<td>$3.25</td>
</tr>
<tr>
<td>K19562</td>
<td>Bosch T9, 36A, 236A, 399, 812C</td>
<td>7/8&quot;</td>
<td>$3.50</td>
</tr>
<tr>
<td>K19551</td>
<td>Chrysler 9800 Hole</td>
<td>3/4&quot;</td>
<td>$3.00</td>
</tr>
<tr>
<td>K19619</td>
<td>Chrysler 9805 Hole (Map)</td>
<td>3/8&quot;</td>
<td>$2.75</td>
</tr>
<tr>
<td>K19585</td>
<td>Colonial 164</td>
<td>1/2&quot;</td>
<td>$5.50</td>
</tr>
<tr>
<td>K19574</td>
<td>Continental, LL18</td>
<td>1&quot;</td>
<td>$6.00</td>
</tr>
<tr>
<td>K19534</td>
<td>Crosley 167-103</td>
<td>1/2&quot;</td>
<td>$4.25</td>
</tr>
<tr>
<td>K19535</td>
<td>Crosley 167-104</td>
<td>3/4&quot;</td>
<td>$5.50</td>
</tr>
<tr>
<td>K19619</td>
<td>Crosley 616 (Magnavox)</td>
<td>5/8&quot;</td>
<td>$4.25</td>
</tr>
<tr>
<td>K19539</td>
<td>Delco 631-A, 640-499</td>
<td>3/4&quot;</td>
<td>$3.75</td>
</tr>
<tr>
<td>K19575</td>
<td>Delco 631-A, 640-899</td>
<td>3/4&quot;</td>
<td>$3.75</td>
</tr>
<tr>
<td>K19577</td>
<td>Emerson K125</td>
<td>1/2&quot;</td>
<td>$3.50</td>
</tr>
<tr>
<td>K19587</td>
<td>Emerson K155</td>
<td>7/8&quot;</td>
<td>$5.50</td>
</tr>
<tr>
<td>K19583</td>
<td>Fada KU45, 66, 62, 42, 10, 50, 150</td>
<td>3/4&quot;</td>
<td>$3.50</td>
</tr>
<tr>
<td>K19544</td>
<td>General Electric E Series 42, 48, 86, 860, 76, 126</td>
<td>3/8&quot;</td>
<td>$3.00</td>
</tr>
<tr>
<td>K19545</td>
<td>General Electric E61</td>
<td>1&quot;</td>
<td>$5.00</td>
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<td>Operado M5</td>
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**Ceolotex Speaker Baffles**

We will supply baffles with any size hole, to your specifications, at no additional cost. Specify hole size desired when ordering.

| 1/8" Thick | $1.25 |
| 3/16" Thick | $1.50 |
| 1/4" Thick | $2.00 |

**Cone Centering Shims**

Flexible celluloid shims that will last. Sixteen shims in a handy leatherette folder. Contains four each of the following sizes: 7/8" thick, 3/4" thick, 1/2" thick, and 1/4" thick. Take care of all speakers.

Your Cost, Kit of 16 | $3.60
TRIPLITT Model 1654 Red Dot
With Lifetime Guaranteed Indicating Meter

A New, Sensational Set Tester. Red dot indicates a lifetime guarantee on the meter. Has 12 a.c. and d.c. voltage ranges: 0-10-50-250-500-1000-2500 volts per ohms on d.c.; 1000 ohms per volt on a.c. Measures diodes, diode-junctions, cathode-ray tubes, 0-1-0-2-5-10-20-25-50-100-200-300-500-1000-2000-2500-5000-10000-25000 volts per ohms. Measures resistance, 0-1-0-2-5-10-20-25-50-100-200-300-500-1000-2000-2500-5000-10000-25000 ohms and voltages, 0-2-20 mV. Tests condensers, 0.01 to 30 µfd, as well as electrolytic and other condensers. Brings out all short circuits, faults in materials or workmanship. arbeed for a lifetime against defects in the indicating meters. The Red Dot™, on Red Circuit Testers and Triplett instruments, is the manufacturer’s indication that the meter is guaranteed for a lifetime against defects in materials or workmanship.

Model 452-A incorporates every feature of modern improvement. Its compact circuit switching arrangement permits 19 steps, from 1 to 110 volts, of filament voltages. Has sockets for the newest lamps, Bantam Jr., Gaseous rectifiers and filament tubes, as well as requisite facilities for checking the performance of the newest short test circuit immediately shows the slightest short or leakage. Uses Triplett precision meter, with GOOD-BAD™ 3 color scale, plus separate line voltage meter and control. In black leathelette case, size: 9 x 3 x 1.5 in., with silver and black checked panel. Shpg. wt: 2 lb.

$17.49

K21693 - Your Cost

$26.31

Radio Analyzers

Model 720A
Point-to-Point Tests through an E-conductor cable on all glass and metal tube sets. Measures resistance, capacity and continuity and will check the voltage of any tube circuit. Triplett Rotating-Meter Test Mode in black leathette case, size: 12 x 5 x 3.5 in.; 12" x 5" x 3.5". Following ranges are covered: 0-10-50-250-500-2000, at 1000 ohms per volt. D.C. milliamps, 0-1-10-100. Shpg. wt: 16 lbs. K21473 - Your Cost

$14.70

K21683 - Same, but with quarter-ounce gold finish. $21.17

Model 432-A-742
Dual unit, consisting of above tube tester, plus Model 693 Analyser to form a complete Pull-out Test in one convenient carrying case. Supplied complete with leatherette case, a full set of adapters including Loktal and, Yoke and Socket. Meter has 2 sensitivities, 1000 ohms per volt and 25000 ohms per volt, providing 7 ranges for each sensitivity from 3.5 volts to 1400 volts. 6 resistance ranges from 14 ohms to 0.001 megohms. 7 standard a.c. voltage range, from 5 to 1400 volts; 0.001 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 14 db. Anal. Single-ended output voltage, current, resistance, etc., in any type receiver. Push-buttens on analyzer switch for various tests. Solid Oak case, with slung-hinged cover, finished in natural color. Din. 9 x 5 x 5. Shpg. wt: 16 lbs. K21699 - Your Cost

$56.20

ON Time, $5.30 Down, $5.16 per Month for 11 Months.

WESTON MODEL 775 SERVISET
A Combination Analyzer and Tube Checker

In a practical, rugged case with reel-to-reel handles. The analyzer (Model 772) incorporates a meter having a sensitivity of 100,000 volts. Drawn with all the usual precautions. Following meter ranges are available: 0-20-100-1000-5000-50000 volts per ohm. 0-100-1000-10000-100000-1000000 volts. C.A.M. volts to zero, 0-100-1000-10000-100000 volts per ohm. Models are: 775, 775A, 775B. Shpg. wt: 18 lbs. K21693 - Your Cost

$93.00

R.C.A. RADIO TUBE TESTER No. 156C
Provides for heaters up to 120 volts. All settings necessary by a simple plug-in, plug-out, button. One finger operation, buttons released or retained automatically. Tests every standard type tube, new Lchtektas, Bantam Jr., Gaseous rectifiers, pilot light tubes, includes facilities for heating the new Loktal tubes, cathode-ray tube, cable, all types of television circuits, including the new Magic Eye tubes, voltage, current, resistance, etc. Not for use in the field. $37.95

$39.95

K21455 - Counter Model 156-C.

K21466 - Portable Model 156-B.

K21693 - Your Cost

$39.95

TRIUMPH Standard Model 440 Tube Tester
Tests all types of radio and television tubes, including the new Loktal, Bantam Jr., cathode-ray tubes, gaseous rectifiers, tuning "eyes," pilot lights, etc. Includes facilities for impulse types of tubes. "Good-Replacement" type tube. Provides an improved "Good-Replacement" type tube meter, with an adjustable range selector. Convenient for standard test buttons. For 100-180 volts, 50 cycles, Shpg. wt: 7 lbs. K21693 - Your Cost, Either Model

$32.29

SIMPSON Model 333 Portable Tube Tester
New, improved model for testing all existing types of tubes up to and including 200 volts. Tests Loktal, single-ended tubes, Bantam Jr., cathode-ray tubes, gaseous rectifiers, pilot light tubes, etc. Incorporates double filament switch, which permits testing 5YX, 5Y4, 6ASG, 6PT, etc. Requires no adapters. Has large, fan-shaped meter with "Good-Bad" scale, as well as d-c range and a-c range for matching or comparing tubes. Shpg. wt: 9 lbs. K21693 - Your Cost

$25.97

Bernard "Spanner" Tube Tester & Volt-Ohm-Milliammeter
Tube tester and circuit checking instrument. Includes all adapters; the new Loktal, gaseous rectifiers, cathode-ray tubes, triple filament short test with 9-2-11-5-6-2-2 volt ranges. Volt-Ohm-Milliammeter circuit permits checking from 0-100-500-1000 volts D.C. at 1000 ohms per volt, 0-1-0-100-1000 ma., and 0-10-100 m. 0-0.1-10-100-1000-5000-10000 volts, 0-0.63-3 mgs; 0-18-50-250-1000 volt output meter; 2 to +18, +58, +58 db., and Quality Test as well as Leakage test for conden- sers. Etched panel. All housed in heavy steel, black suede baked enamel finish. Shpg. wt: 11 lbs. K21693 - Your Cost

$21.90

K21688 - Same, but with cover, in de luxe portable case, 16 x 9 x 5. Shpg. wt: 18 lbs. K21693 - Your Cost

$23.90

WES R O N D AO Y 7 2 2 3 Tube Checker

EMISSION-IONIZATION ANALYZER—under load; individual electrode test; short test; c a t h o d e leak test; noise test; i on test; hot emission control; load t e s t s . 

Will check Mc in tube elements of any type up to and including 120 volts; double fused for protection. New "Totalizing" feature on all tubes gives the data. Case of highly polished wood. Size: 14 x 8 x 5 in.; 10 lbs. Shpg. wt: 4 lbs. K21693 - Your Cost

$50.63

PORTABLE TYPE—Model 775-1. Similar to above, but mounted in a compact, portable case, 12 x 6 x 3. Shpg. wt: 4 lbs. K21693 - Your Cost

$51.55

- 3 3 3 - List $60.40. K21693 - Your Cost

$45.00

Radio Wire Television Inc.
Wholesale Radio Service Co.
Efficient tube tester that uses rotating switch control. Illuminated meter has calibrated gold dial. Tests all tubes, including ballasts, for their true dynamic mutual conductance. Filament voltages available from 1 to 110. Neon short, leakage and continuity tests provided. Set tester section provides: D.C. (1000 ohms/volt) and A.C. (400 ohms/volt) range. Ohms, 0.10/60/250/500/1000; D.C. ma, 0.10/60/250; Ohms .2 to 500, 500,000, 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% x 11% x 7%. For 110 volts, 50/60 cycles a.c. wt. 28 lbs. $58.48

SUPREME Tube Tester Model 503

New, hi-speed tube checker for all tubes. Tests 4, 5, 6, 7, 8, 11, 12, 13, 14, 15 and 16. Loktal, television and tuning-type tubes. Also, tests all gaseous rectifiers, ballast types and pilot lights. Shows internal open, shorts and hot inter-element leakage. Tests leakage at both 25 mgs and 2 meg sensitivity. 23 filament voltages for all tubes from 1.4 to 120 volts. Adjusted transformer primary, for stable line voltage adjustment. Model 504. "Free Floating" switching system completely removes all sockets, especially for all present and possible future tube types. Replaceable two-position chart keeps chart up to date. 4" meter. Finished in rich black, red and ivory. Oak case with counter or portable use. 15% x 11% x 12". For 110 volts, 60 cycles A.C. wt. 15 lbs. $44.05

DEPENDABLE Model 311C Tube Tester

Deluxe model with 4½" 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, 0.10/100 and 0.1/1 meg. 2-range capacity tester, 0.01/4 and 0.1/mfd. Neon leakage indicator. Sloping panel wood case 10x15x7½", For 110 volts, 50/60 cycles a.c. Complete. Shpg. wt. 20 lbs. $28.37

DEPENDABLE Model 801 Tube & Set Tester

Excellent instrument combines an ultra modern tube tester and a comprehensive set tester. Employs 45½° fused paste. Arbitrarily accurate 5% Tests ALL present day tubes, including ballasts, electron valve voltage control, 100 to 1000 volts. Tests for shorts, leaks, noise, etc. Set tester provides: D.C. and A.C. volts 0/10/50/250/500/1000; D.C. ma 0/10/100/1000; D.C. Amps 0/1; Ohms 0.0/500/1000/1.5 meg/10 meg; four Decibels ranges minus 8 to plus 42 db; four output ranges same as A.C. volts. Portable slip-hinge covered case 12x12½x6½. Complete. Shpg. wt. 17 lbs. $30.00

DEPENDABLE Model 308P Tube Tester

The new Dynotumplex Test tube checker tests ALL present day tubes under R.M.A. voltages and loads. Tests all ballast tubes (separate chart included), pilot bulb, 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 0/500/1000 volts. Square D'Arsonval meter, direct reading, 2½% accuracy. Both meter and line fuse for full protection. Extremely easy to use. For 110 volts, 50/60 cycles A.C. Complete. Shpg. wt. 12 lbs. $18.57

DEPENDABLE MultiTester

Model 308T: In Combination Portable-Counter type case 11½ x 12⅛ x 7½. Ready to use. $16.61

Your Cost

DEPENDABLE Model 311C Tube Tester

Model 504: As above, but 110 volt, A.C. wt. 35 lbs. $29.24

DEPENDABLE Model 801 Tube & Set Tester

Model 801A: As above, but with Model 609 plug-in meter unit built into the cover. Shpg. wt. 18 lbs. $27.30

DEPENDABLE Model 308P Tube Tester

Model 308E: Same as above, but in Counter model case 9x12½x7. $37.14
**PRECISION Tube and Set Testers**

Model 520 Electrometer: Incorporates a Combination Dynamic Mutual Conductance Test Tube and Set Tester.

- **Range:** Rotary Selective AC-DC, Covering -5 to +5 MA, 0-1000 ohms and 0-1-10 Megs; Six DB Ranges, from -10 to +64 DB; Six Output ranges, same as AC volts. *Inlet air* for large models.
- **Dimensions:** 12 1/8 x 6 3/4 x 7 1/2 in.
- **Weight:** 21.3 lbs.

K21700 - Model 520P: In Walnut finished portable case with removable cover, tool compartment, test leads, batteries, and instruction.

- **Dimensions:** D x W x H = 12 x 18 x 6 in.
- **Weight:** Shpg. wt. 20 lbs.

Your Cost: $52.87

Model 912 MCP: Same as above, but less Set. *Instruction book* in Walnut finished Hardwood Case, size: 12 x 18 x 6 in.

- **Dimensions:** D x W x H = 12 x 18 x 6 in.
- **Weight:** Shpg. wt. 19 lbs.

Your Cost: $48.95

Model 912P: Same as above, but less Set. *Analysis circuits* in Walnut finished Hardwood Case, size: 12 x 18 x 6 in.

- **Dimensions:** D x W x H = 12 x 18 x 6 in.
- **Weight:** Shpg. wt. 19 lbs.

Your Cost: $48.95

Model 910 MCP: Same as above, but with 9 in. meter.

- **Dimensions:** D x W x H = 12 x 18 x 6 in.
- **Weight:** Shpg. wt. 19 lbs.

Your Cost: $57.14

Model 910P: Same as Model 910 MCP, but with 9 in. meter.

- **Dimensions:** D x W x H = 12 x 18 x 6 in.
- **Weight:** Shpg. wt. 19 lbs.

Your Cost: $65.14

HICKOK Tube and Set Testers

Model S10X Tube and Set Tester: Complete service outfit is made automatically a true Dynamic Mutual Conductance Test Tube and Analyzer. Tests all tubes with filament voltages from 0 to 177 volts, as well as ballast and pilot lamps. Set test section provides filament ranges: AC-DC volts, 0-200-100-1000 volts; D.C. milliamps, 0-200; Resistance: 1 to 25 megohms, without requiring battery heating; 400 to 24 mfrs. Uses modern 6 1/4 flexible rectangular meter. All in attractive black leatherette case, carrying case, size: 14 x 13 x 6 1/2 in.

- **Dimensions:** D x W x H = 14 x 13 x 6 1/2 in.
- **Weight:** Shpg. wt. 22 lbs.

Your Cost: $61.74

Model 510 MCP: Same as above, but with 510P, 3 1/2 in. meter.

- **Dimensions:** D x W x H = 14 x 13 x 6 1/2 in.
- **Weight:** Shpg. wt. 22 lbs.

Your Cost: $57.14

Model 510P: In attractive black Leatherette Carrying Case, with cover, size: 14 x 13 x 6 1/2 in.

- **Dimensions:** D x W x H = 14 x 13 x 6 1/2 in.
- **Weight:** Shpg. wt. 22 lbs.

Your Cost: $61.74

**RTL Model 10 Tube Tester**

Checks for "short" elements as well as "shorts". These two tests are carried out electronically, without shifting of buttons, etc. Output test means of push-buttons, and a meter is designed to test all modern tubes including the very latest types. So-called double tubes are checked separately, so that any weakening of one section is quickly indicated. Tests: Lamps, Pilot Lamps, Bulbs. Optional accessories: Housed in portable metal case, with removable cover, finished in black: Size: 11 1/4 x 8 1/2 x 6 1/2 in.

- **Dimensions:** D x W x H = 11 1/4 x 8 1/2 x 6 1/2 in.
- **Weight:** Shpg. wt. 16 lbs.

Your Cost: $36.75

**WESTON Model 767**

**"Filatrol" For Modernizing Tube Testers**

Permits checking high filament voltage (35 V. to 117 V.) of tube type. Can be used on tubes, other lead into any 110 volt 60 cycle outlet. *Inlet air* for large models.

- **Dimensions:** W x H = 8 in.
- **Weight:** Shpg. wt. 4 lbs.

Your Cost: $49.95

**Radio Wire Television**

- **Dimensions:** W x H = 8 in.
- **Weight:** Shpg. wt. 4 lbs.
RCA 1" & 2" Oscillographs
Model 151-2.2" Uses the new RCA 866B type tube, provides every important feature for accurate tests on front panel, including 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 oscillator. Sturdy cabinet finished in green wrinkle lacquer. Uses: 902, 885, 2-6C5s, 1-6S5. Size: 13x13x13. Shpg. wt. 16 lbs. Your Cost: $49.95

MILLION “Signalizer”
For servicing receiving amplifiers, etc., the new, modern tube that locates defect in a minimum of time. Tests all receiving 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 DC or DC. Utilizes a coaxial 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 AC operation. Shpg. wt. 14 lbs.

K21681—Million Signalizer. Your Cost: $37.50

MEISSNER “Analyzer” 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. Has built-in oscilloscope 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 superfet. 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 18 tubes, consisting of 6-600G; 4-14F5; 12-6S5K; 1-6H6; 1-6S5Q and 4-15XG. No separate oscillators or other equipment needed to properly use this instrument. All design, layout and drilling is already accomplished. All that is necessary is to complete this instrument to assemble and wire the various kit. Kit is supplied complete, Less Tubes, with full instructions and operating. Includes etched panel and cabinet, size 9x5x13x4. Complete with 14 test probe, 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: 0 to 3000 volts, on 9 scales, selection of any scale accomplished by push-pull. Utilizes all plate voltage, regardless of tube type, etc. Input impedance is 12 meg.; input capacitance, that of tube plus low capacity coaxial cable. For 115 V, 60 cycle A.C., open face polycarbonate case. Shpg. wt. 12 lbs.

K21682—Your Cost: $28.95

SUPREME “Audolyzer”
Complete dynamic set tester for relative or absolute component measurements—stage by stage or overall. Locates and tests faulty components, distortion, intermating, fading, noise, open, shortcircuits and frequency drift of Oscillators, I.F.’s, etc. Can be used as substitution for test oscilloscope at radio under test. Vacuum tube voltmeter checks all DC voltages; 1.3/10/30/100/300/1000 all at 15 meg input. Will not disturb circuit under test. Use V.T.V.M., built-in loudspeaker or your own oscilloscope for indicators. Complete with RF and AF input cables, two transformer connections. Oak case 12x15x14½". Shpg. wt. 30 lbs.

K21961—Your Cost: $76.93

On Time: $8.50 down; $6.49 per month for 12 months.

SUPREME “Vedolyzer”
Diagnoses, traces, locates and measures gain, distortion, fading, intermating, hum, etc. 3 cathode ray tube. Vacuum tube voltmeter: DC Range: 0 to 3000 volts, on 9 scales, selection of any scale accomplished by push-pull. Utilizes all plate voltage, regardless of tube type, etc. Input impedance is 12 meg.; input capacitance, that of tube plus low capacity coaxial cable. For 115 V, 60 cycle A.C., open face polycarbonate case.

K21964—Your Cost: $126.91

On Time: $13.50 down and 12 monthly payments of $10.63.

RIDER “Chananaly”
Checks a receiver from antenna to loudspeaker. Unit performs following major tests:
• Traces signal from antenna to speaker in B.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.
• Accuracy checks control voltages, such as AFC, AVC, Grid (A.C. and D.C.), etc.—without interfering with set operation.
• Checks core, freq. in a superhet.
• Instantly checks voltage consumption of a receiver during actual operation.
Provides 6 test channels, with separate indicators, so that the 6 basic sections of any set may be thoroughly tested. For 115 V, 60 cycle AC operation. Shpg. wt. 18 lbs.

K21666—Your Cost: $107.50

RIDER “VoltOhmyst”
An electronic DC Voltmeter-Ohmeter with extremely fine 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.; 160 meg. to 5000 volts. Resistance measurements from .01 ohm to 1 billion ohms. One zero adjustment required; no further fusing after adjustment. One channel per DC or control voltage. Operation simplified due to minimum controls and thorough design. Last word in modern meter, with accurately 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 Dynam Signal Analyzer for all receiving circuits. Employs two vacuum tubes, one tuned RF unit with high-gain amplifier 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 provisions for range selection. All in welded steel case finished in two tone gray. Dim. 17x8x4½ T. Complete with 7 tubes, necessary leads and full instructions. For 108-125 V, 50-60 cycle AC operation. Shpg. wt. 30 lbs.

K21708—Your Cost: $77.91
**With the Red Dot** Life-time Meter


Model 1200-C - Similar to Model 1200A with 5000 ohms per volt d.e. meter. In addition has 250 microamperes and 7½ megohms scales. **$26.29**

**Your Cost Complete** Model 1200-C - **$30.55**

**With the Red Dot** Life-time Meter

Model 3252, Vacuum Tube Voltmeter with the "Red Dot" Life-time Meter

The ideal instrument for high frequency measurements. Self-Calibrating. Separate d.e. movements for galvanometer (for checking bridge balance) and voltmeter. Ranges a.c. and d.e. volts in 4 ranges: ±15-75-300 volts. Has "Red Dot" lifetime meter. Tube at end of cable. Input -0.1 to less than 3 p.f. 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 enamel case with snap-on cover. 7½ x 6½ x 5½ . For 115 volts. **$47.37**

DEPENDABLE Model 411 Universal SuperTester

Model 411-P Same as above in case with cover. **$15.92**

Model 411-P, Portable. **$17.59**

**Your Cost Complete** Model 411-P - **$47.37**

**PORTABLE VOLT-OHM MILLIAMMETERS**

Model 402-S - Employs Bernard "Constant Ohms" circuit eliminating the need for "zero set" ohmmeter control. Sensitivity 6,000 ohms per volt D.C. and 1,000 ohms A.C. Ranges: D.C. Volts - 0/5/25/100/500; A.C. Volts - 0/150/250/400/750/1000 from -10 to +10. D.C. Current - 0/250 Microamps, 0.001 to 0.05 Amps, and with (supplied) external shunt 60 Amps. Resistance - 1000/5000/10000 ohms with supplied external shunt: Resistance - 10000/50000/200000 ohms / 2 Meg. plus 20/200 Megs. with supplied external resistors. Built-in flashlight battery. Wood case with cover and top compartment. Shpg. wt. 4 lbs. **$13.90**

Model 402-J - Like model 402-S, but less cover. **$16.90**

Bernard Volt-Ohm-Milliammeters

Model 402 - Employed Bernard "Constant Ohms" circuit eliminating the need for "zero set" ohmmeter control. Sensitivity 6,000 ohms per volt D.C. and 1,000 ohms A.C. Ranges: D.C. Volts - 0/5/25/100/500; A.C. Volts - 0/150/250/400/750/1000 from -10 to +10. D.C. Current - 0/250 Microamps, 0.001 to 0.05 Amps, and with (supplied) external shunt 60 Amps. Resistance - 1000/5000/10000 ohms with supplied external shunt: Resistance - 10000/50000/200000 ohms / 2 Meg. plus 20/200 Megs. with supplied external resistors. Built-in flashlight battery. Wood case with cover and top compartment. Shpg. wt. 4 lbs. **$13.90**

Bernard Volt-Ohm-Milliammeters


Model 1200-C - Similar to Model 1200A with 5000 ohms per volt d.e. meter. In addition has 250 microamperes and 7½ megohms scales. **$26.29**

**Your Cost Complete** Model 1200-C - **$30.55**

**With the Red Dot** Life-time Meter

Model 3252, Vacuum Tube Voltmeter with the "Red Dot" Life-time Meter

The ideal instrument for high frequency measurements. Self-Calibrating. Separate d.e. movements for galvanometer (for checking bridge balance) and voltmeter. Ranges a.c. and d.e. volts in 4 ranges: ±15-75-300 volts. Has "Red Dot" lifetime meter. Tube at end of cable. Input -0.1 to less than 3 p.f. 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 enamel case with snap-on cover. 7½ x 6½ x 5½ . For 115 volts. **$47.37**

DEPENDABLE Model 411 Universal SuperTester

Model 411-P Same as above in case with cover. **$15.92**

Model 411-P, Portable. **$17.59**

**Your Cost Complete** Model 411-P - **$47.37**
Supreme Model 542
Pocket Multi-Meter
An extremely compact test instrument that incorporates high sensitivity and provides a multitude of testing facilities. Housed in a molded bakelite case 3 1/2 x 2 1/2 x 1/2", with pin-jet terminals. Following ranges provided: D.C. millimeters 0/0.5/3/15/60; D.C. volts 0/5/250/500/1000; A.C. volts at 1000 ohms per volt: 0/10/50/250/500/1000; low ohms from 1/2 to 300, +/− at 2500; D.C. millimeters 0/1/10/50/250. Provisions for external batteries for higher resistance measurements. Has zero adjustment. Black molded case measures 3 1/4x3x3/4". Battery and test leads with alligator clips included. Wt. 4 lbs.

$13.72

K10472

Your Cost

TRIPLETT Model 666 Universal Volt-Ohm-MilliMeter
Red dot instrument lifetime guaranteed. Provides following meter ranges: d.c. volts, 0-1000; a.c. volts at 1000 ohms per volt: 0/10/50/250/500/1000; low ohms from 1/2 to 300, +/− at 2500; d.c. millimeters 0/1/10/50/250. Provides for external batteries for higher resistance measurements. Has zero adjustment. Black molded case measures 3 1/4x3x3 3/4". Battery and test leads with alligator clips included. Wt. 4 lbs.

Model 666-H: Similar to above, but high range type providing: A.C. and D.C. volts at 1000 ohms per volt: 0/10/50/250/500/1000; D.C. millimeters 0/1/10/50/250; resistance ohms 0/500 (back up scale) and 0/250/500 (series type). With leather handle. Will house testers and accessories.

$14.21

K10475

Your Cost

Complete

K21579—Attractive Leather Carrying Case, for either above units. Wt. 4 lbs.

$3.59

READRITE Pocket Testers

Pocket Volt-Ohm-MilliMeter
Moving vane type meter. Accuracy 2%. Ranges: 0-5, 500, 5000 volts; 0-500,000, 5,000,000, 50,000,000 ohms per volt. Batteries enclosed. 14% x 2 1/8 x 7/8". Wt. 4 lbs.

$5.79

K11456—Each

Simples Volt-Ohm-Millimeter
Similar to above, but magnetic vane type meter. 0-5, 500, 5000 volts; 1/10, 100, 1000, 10,000 ohms per volt. Has flip out test leads. Bakelite case, 3 3/4 x 2 1/8 x 7/8". Wt. 5 lbs.

$2.91

K11452—Each

CI PORTABLE VOLT-OHM-MILLIMETER

Moving coil type meter, accuracy 2%. Ranges: 0-5, 500, 5000 volts; 0-500,000, 5,000,000, 50,000,000 ohms per volt. Batteries enclosed. Accuracy 5%. Ranges: 0-5, 500, 5000 volts; 0-500,000, 5,000,000, 50,000,000 ohms per volt. Bakelite case, 3 3/4 x 2 1/4 x 7/8". Wt. 5 lbs.

$6.31

K11451—Each

DEPENDABLE Trouble Shooter Model 432
Nine range volt-ohm-millimeter with 2 1/2" dial D'Arsonval meter, accurate within 2%. D.C. volts: 0-5, 500/500-, 1000 all at 1000 ohms per volt sensitivity. 0-500,000/500,000 ohms per volt sensitivity. With D.C. millimeter, 0-1/2-120-6000; A.C. millimeter, 0-1/2-120-6000; 0-1000 ohms per volt: 0-1/2-120-6000. Ranges: 0-120-6000; 0-1000 ohms per volt: 0-120-6000. With external battery. Bakelite case. Size: 1 1/2 x 5 1/2 x 4 1/2". Wt. 5 lbs.

$9.75

K10458—Shpg. wt. 4 lbs.

DEPENDABLE Model 412 Multimeter
Pocket size meter with 400 microampere movement, reading to a sensitivity of 5000 ohms per volt. Has 6 D.C. current ranges: 0-100 microamps, and 0-1-10-100-1000-5000 ma. Five D.C. millimeter ranges: 0-10-50-250-500-volts. Three A.C. millimeter ranges: 0-500-100,000,1,000,000 ohms. Wielded steel pointer; room finish; 3 inch meter with bakelite case. Size: 3 1/4x3 5/8x2".

$9.75

K10458—Shpg. wt. 4 lbs.

Your Cost

DEPENDABLE AC-DC Multimeter
Same as above model, except that it measures A.C. volts as well as D.C. volts. Has flip out meter, ranges same as AC. Volts. Wt. 4 lbs.

$12.64

K10500—Shpg. wt. 4 lbs.

DEPENDABLE AC-DC Multimeter 445
Complete general test instrument with 1000 ohms per volt sensitivity. Ranges: D.C. volts, 0-5-250-500-2500; D.C. ma., 0-1-10-100-1000; D.C. amps, 0-10; A.C. volts, 0-1-10-100-1000; Ohms, 0-500-100,000-1,000,000; DB, -8 dB to +8 DB, 12-25-40 to 50, 55; Output ranges same as A.C. volts. In attractive hardwood case, dim: 3 1/2x8x5 1/2".

$24.00

K10503—Your Cost

DEPENDABLE AC-DC Multimeter 445
Complete, general test instrument with 1000 ohms per volt sensitivity. Ranges: D.C. volts, 0-5-250-500-2500; D.C. ma., 0-1-10-100-1000; D.C. amps, 0-10; A.C. volts, 0-1-100-1000-10000; Ohms, 0-500-100,000-1,000,000-10,000,000; DB, -8 to +5 dB, 30 to 85, 20 to 50, 55; Output ranges same as A.C. volts. In attractive hardwood case, dim: 3 1/2x8x5 1/2".

$9.75

K10503—Your Cost

SIMPSON Model 244 "Hammeter"
Designed expressly for high-voltage and composite work. An excellent instrument for radio transmitters, television receivers, etc. High sensitivity at low voltage, 10 volts or higher. D.C. ranges: 0/10/50/75/100; 0.05/0.10/0.15/0.25/0.50; 0/1/2/5/10/15; 0/1/2/5/10/15/20/30/40/50/60/70/80/90/100; Ohms: 0-10-100-1000-3000-ohms. Batteries for Ohmmeter range switch contained. Accuracy 2% on DC ranges; 5% on AC. 5,000 volt insulation, rubber case, 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: 3 1/4x2 1/2x1 1/2".

$14.45

K10484—Model 235, 5,000 volts per volt tester. DC volts 0-10-50-250-500-2500 micromamps, 0-250; Ohms 0-2-5-200-500-2000-3 meg. Case dim: 3 1/2x1 1/2x4 1/2". Shpg. wt. lbs.

$9.75

Your Cost

Precision Multimeter
Series 830-1000 Ohms per Volt
Though small in size this Multimeter incorporates 11 adequate ranges for measuring volts, ohms and current. Large 8" square meter and 1 1/2" dial D'Arsonval meter, accurately incorporates 11 adequate ranges for measuring volts, ohms and current. Large 8" square meter and 1 1/2" dial D'Arsonval meter, accurately incorporates 11 adequate ranges for measuring volts, ohms and current. Large 8" square meter and 1 1/2" dial D'Arsonv...
**CLOUGH-BRENGLE 79C A.F. Oscillator**

Has continuously variable output from 0 to 16,000 cycles, with virtually flat frequency characteristics. Delivers 0-120 milliwatts across choice of either 500 ohms or 5000 ohm impedances; distortion less than 5% at 60 milliwatts. Has high frequency stability and extremely low thermal coefficient. Zero adjustment knob on front panel and GS-5 "eye" indicator provide zero beat setting. Uses 1-C6CG5, 1-A4X2, 1-A16X2. For 110 volts, 60/60 cycles a.c. Shpg. wt. 24 lbs. 

K2157 - 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%. 400 cycle internal modulation at 50% 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 voltages are 115V, 60 cycle a.c. For 400 volt, 50/60 cycles a.c. Shpg. wt. 2 lbs. 

K2148 - Your Cost, Complete 

**FREE Dynamic Test Book, the guide to modern servicing, given with any C-B instrument. Specify on order.**

**WESTON Model 787 U.H.F. Oscillator**

New ultra-high frequency oscillator designed to test and check television receivers, police and aircraft radars and all other high frequency equipment. Covers from 220 to 1600 megacycles, all fundamentals. Alignment and over-all operation can be made without direct wire connections. New system of continuously variable inductive (C.V.I.) tuning affords high order of stability and accuracy, as well as being virtually immune to variation of other 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 headquarter's 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 is 5 volts r.m.s. Batteries supplied (2-3 volt "A" and 4-15 volt "B"). In metal case 8x8x11.1. The only oscillator available which can be externally modulated to give a fixed picture on a television receiver. For 110 volts, 60 cycle a.c. K21636 - Your Cost Complete (less crystal) 

**CLOUGH-BRENGLE OCX Signal Generator**

A precision signal generator, coverage from 100 kc. to 80 mc. in five overlapping bands. Bandwidths are fundamentals of all frequencies. Dwell adjustment allows attainment of any frequency. Accuracy of 1% on all frequencies. Low-loss Rotor-Inductor coil changer provides quick and accurate band selection. Capacitance and inductance, continuously variable, provide smooth positive attenuation down to a fraction of a microvolt. R.F. output: 1000 nanoamperes, maximum. A.F. output: 1 volt r.m.s. across 100 ohms. Frequency fixed at 400 cycles. New Visi-Vider dial 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 the 5 bands. Stray voltages cut annoyingly low. Uses: 1-635, 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 crystaline, 9¾" high, 12" long, 8½" wide. For 110 volts, 60/60 cycles a.c. Shpg. wt. 25 lbs. 

K21459 - Your Cost 

**RCA A.C. TEST OSCILLATOR No. 153**

Operates on 115 volt a.c., 60 cycles a.c. Range: 1000 kc. to 30,000 kc. (1000 to 10 meters) in 6 bands. Giant 4" dial calibrated in frequency, accurate within 2% (50° scale length). R.F. output 2 microvolts minimum, and 01.25/2.5 volt maximum. Output impedances 10/750/4000 ohms. Frequency is easily adjusted for use with sweep condenser for visual f.i. alignment. A mperemeter fuse. Uses 5W4, 6CS, 6DK. In blue-gray with heavy duty strip handles and rubber feet. Size: 13¾x9¾x4¾". Shpg. wt. 15 lbs. 

K21148 - Your Cost 

**RCA Electronic Sweep-Test Oscillator No. 150**

Has own internal frequency modulator for oscillograph alignment. Frequency range 30-35,000 kc. (1000 to 3000 meters) and 50-5000 kc. (2000 to 20 meters) in 6 fundamental frequencies only—6 ranges. In internal 400 cycles at 30%, or external amplitude modulation. High r.f. output—0.25 volts. Frequency r.f. output—0.25 volts. Frequency r.f. output—0.25 volts. Displays and calibrates coils for accuracy. Used for checking and adjusting all coils and all oscillators in the service department. Uses 6A7, 4GT, 2-6C6 and 80. Steel cabinet. 13¾x9¾x4¾". For 110 volts, 50/60 cycles a.c. 

K21547 - With Tubes 

$58.30

$48.50

**RCA BF Audio Oscillator No. 154**


K21443 - With Tubes 

$49.95
POPULAR SIGNAL GENERATORS

SUPREME INSTRUMENTS

**Model 571 Oscillator**

Uses both iron-core and variable-air-core types and a combination of iron and air core, which assures accuracy and stability. Only TWO CALIBRATION SCALES:

- Harmonic frequencies to 60 mc. Double shielding.
- Tapped for output at 30 or 75%. Shielded. Price, line filter.
- Two bias control provided for operation as an attenuator.

- Size: 81/4 x 91/4 x 81/4". With output cable and complete instructions.

K2167—Shipp. wt. 15 lbs. 

Your Cost $36.75

**Model 561 Generator**

Combination A.F. and R.F. metered oscillator, with 5 types of outputs, viz: Variable audio, from 15 to 15,000 cps; Unmodulated; R.F. from 5 Kc to 20.5 mc on fundamentals and over 60 mc on harmonics; Variable audio modulated R.F. over same range. Frequency most favorable for scope alignment; Empty for external modulation of R.F. for special tests; Two inputs, bias on 60 mc. Price, line filter.

- Size: 12 x 15 x 81/4". Shipp. wt. 25 lbs.

K2171—Your Cost $76.93

**Model 582-A Push-Button Oscillator**

Five frequencies ranging from 70 to 500 mc, with megacycles; R.F. from 60 mc to 40 mc. Price, line filter. For 110 volt A.C. operation. New, turner frequencies selected.

- Size: 12 x 15 x 81/4". Shipp. wt. 25 lbs.

K2167—Your Cost $56.60

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**TRIUMPH Model 130 Video Signal Generator**

New, modern design with facilities for television servicing.

- Range: 100 Kc to 52 mc. Fundamental to 96 mc on harmonics.
- Price, line filter. Sine wave with 400 cycle modulation.

K2172—Your Cost $29.35

**DEPENDABLE Model 702 Signal Generator**

Improved modern oscillator, with wide range of modulation frequencies, from 95 Kc to 100 mc. Fundamental to 25 mc. Price, line filter. For audio tests. Direct reading output in V.U. meter. Designed for 105-125 V., 60-cycle A.C. Price, line filter. Sine wave with 400 cycle modulation.

K2172—Your Cost $22.49

**E-300 Signal Standard**

A new type of service instrument, designed especially for all simplified A.F. or C.M. circuit, and a complete line of push-button attenuators. Provides a means of adjusting and calibrating all-A.F. or C.M. receivers. Provides an accurate, dependable substitute for broadcast stations, and can be instantly set up for any 10 frequencies in the broadcast band. Price, line filter.

K2175—Your Cost $35.23

**HICKOK Model 180 Signal Generator**

General type from 30 mc. to 6 ranges. Accurate to 1%. Two A.F. oscillators 0-400 cycles. Price, line filter. 10,000 cycle, variable for c.w. reading. Frequency sweep. Amplitude modulated RF, and AF are all available. Output meter: range: -10 to -6, -6 to +22, +22 to +60. For crystal control. Crystal may be obtained later and installed without returning instrument to factory. For c.w. reading, 50-60 cycles A.C. Price, line filter. Shipp. wt. 21 lbs.

K2165—Your Cost $55.86

**Model 19X Crystal-Controlled Micro-Volter**

Provides over 200 crystal-controlled frequencies, modulated or unmodulated. Outputs are from 1000 Kc to 100 mc on 1000 Kc; from 100 Kc to 100 mc, every 100 Kc; and from 1000 Kc to to 100 mc, every 1000 Kc. Accuracy better than 1%. Also incorporates a power level meter and tube voltmeter, the latter to keep the calibration of the attenuator true. R.F. output, 0-400 cycles, adjustable from 1/4 microvolt to 100,000 Kc on all ranges; A.F. 0-60 volt; Decibels, -10 to +6, +6 to +22, +22 to +38. A.F. range: 0-400 cycles. Price, line filter.

K2175—Your Cost $64.45

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**Million Model "OD" Signal Generator**

Combination A.F. and R.F. metered oscillator, with 6 types of outputs, viz: Variable audio, from 15 to 15,000 cps; Unmodulated; R.F. from 5 Kc to 20.5 mc on fundamentals and over 60 mc on harmonics; Variable audio modulated R.F. over same range. Frequency most favorable for scope alignment; Empty for external modulation of R.F. for special tests; Two inputs, bias on 60 mc. Price, line filter.

K2175—Your Cost $82.58

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Radio Wire Television Inc. 
FORMERLY WHOLESALE RADIO SERVICE CO., INC.
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 are all made by pressing push buttons. Six sockets, including Lautki, are incorporated. Analyzer plug replaces tube in set's socket. In Oak Case, with cable, plug adapters, etc. Shpg. wt. 8 lbs.

K1053-
Your Cost $16.17

RADIO CITY PRODUCTS Master Analyst

Improved push-button analyzer for plugging-in receiver socket for measuring voltage, current, resistance or capacity in any set unit. Safeguarded against "shorts" when 2 or more buttons are pressed. No current and voltage measurements in name circuit at same time. Incorporates 6 sockets, including Lautki. Complete with cable, toggle latch-type plug and meter. Case: 11 x 7 x 3 1/2". In natural finish wood case. Wt. 6 lbs. Model 564C.

K1034-
Your Cost $14.65

Model 504.- Same, but less case. Dim.: 8 x 6 3/4". Requires 3 oz. depth. Shpg. wt. 5 lbs.

K1035-
Your Cost $13.47

TRIPPLET Appliance Tester

Tester contains a wattmeter and voltmeter, twin instrument style, in leather-type case. Button quite, accurate checking of power consumption of appliances, radio sets, etc., as well as line voltage. Watts and volts may be read simultaneously. Wt. ranges: 1600 watts at 220 volts, 750 watts at 110 volts. Current rating is 7.5 amps. Dual voltmeter scale, 150 and 300. Case: 8 1/4 x 3 1/8 x 2 1/2", with leather handle and flap. Shpg. wt. 6 lbs.

K10537-
Your Cost $18.94

STERLING Pocket Meters

Accuracy is guaranteed for checking portable sets, radio sets, etc. Very compact and handy. 37A. Voltmeter. 2-scale: 0-2-50 volts. K10085-Your Cost $1.18
39A. Voltmeter. 2-scale: 0-2-150 volts. K10086-Your Cost $1.47
No. 30 Air Cell Tester. K10087-Your Cost $1.47

With Instruction Book.

K12159- Your Cost Complete

Capacity Bridge

Measures all essential properties of condensers under actual working conditions. Resistance bridge also provided, as well as insulation resistance test permitting any other tests. Applies continuously variable polarizing d.c. voltage as a.c. to condenser tested, as in actual use. Polaring voltage shown on meter, which also aids in determining exact leakage at given voltage. 270° maximum capacity dial spread calibrations for 250, 400, 600, 3000, 6000, 30,000, 60,000, and 300,000 mfd. Linear scale covers one decade per range. Instrument provides circuitry for a mili-voltmeter, millivoltmeter, and milliammeter. Has variable-leakage voltage power source. In lock-curbed case; 10 x 7 x 3 1/2". In natural finish, with slip hinges. Size: 10 3/4 x 7 3/4 x 8". Wt. 11 lbs.

$35.03

AEROVOX Model 9S "LC" Checker

Designed to test condensers and inductances in the RF range under conditions simulating actual operations. Measures effectiveness as well as capacity or inductance of coils and condensers. Also ideal for aligning all receivers, tuning wave traps, checking oscillators, and wave meters, etc. Incorporates an oscillator covering from 75 kc. to 26 mc., in 6 ranges. Direct-reading calibration. 650 indicator to indicate resonance when coupled to circuit, etc. Operation from 115 volts, 60 cycles a.c. only. Included in metal case, dim.: 10 1/2 x 4 x 6 1/4". Shpg. wt. 6 lbs.

K12725- Your Cost $28.91

TOBE Condenser Analyzer

Checks all types of condensers from 0.02 to 1000 mfd to 100 mfd. for leakage, open circuit, short circuit and intermittent if any connection. Has built-in supply of (110 volts, 50/60 cycles a.e.) giving 700 volts a.m. on neon tube above leakage. Requires Q1A metal. Case 3 3/4 x 4 x 3 1/2". Clip leads. Q1A tube not supplied. K10465- With neon lamp. Your Cost $11.40

Radio City Universal Trouble Tracer

Tracer operates on a.c. or d.e. 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 -0/50/500/1000; D.C. Mills -0/1/10/100; Ohms, with contained battery 0/600/6000/60000; D.B. -12 to +6/8-28/ 28-48/34-5. Handsome hardwood case: 6 x 3 1/2 x 3/4". Shpg. wt. 2 lbs.

K10561- Your Cost $9.79

SIMPSON GIANT SET TESTER

With 9" Illuminated Meter

Entirely a.c. operated and requires no batteries of any kind. All voltage ranges range from 1 to 1000 volts. Wt. ranges: 1500 watts at 220 volts, 750 watts at 110 volts. Current rating is 7.5 amps. Voltage range: 0-500, 0-1000, 0-1500, 0-2500, 0-5000, 0-10000, 0-20000, 0-50000, 0-100000; with 32 scales. Shpg. wt. 16 lbs. 1000 volts. Insulated test leads included.

K12176-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 types of rectifiers and sections of "Twin" tubes. Each tube plate on top of unit for permanent construction. Substantial and Balleiti construction. Supplied with full instructions. Shpg. wt. 4 lbs.

K11765- Your Cost $3.82

NOTE

We can furnish all makes of test tubes for metal and octal types. Will gladly quote on your requirements.

JFD Ballast-Tube Tester

For testing all 4 or 8 ballast tubes. No accessories or switch takes care of all types. Checks both glass and metal types. Very simple and easy to operate. Red light indicates "bad" ballast tube; green light "good" ballast tube. In erackle-finish cabinet. Size: 4 1/4 x 3 x 2 1/2". Shpg. wt. 6 lbs.

K12172- Your Cost $4.95

AMPHENOL Unwired Adapters

Make your own adapter, to meet your requirements. Bases and Tops available in all types. Bases are black only, with 1/2" hole on side for bringing out leads or fastening metal tube grid cap stud. Bases and tops drilled for soft- tapping screws, supplied with each base. Tops available in black, red, green, and gold, with retaining nut. Adap. Top Adap. Base

4 115563 115567
6 115564 115570
7 115565 115571
8 115566 115573
5 Lok. 115567 115574

K11576-Metal Cap Side Stud. $6 Each.

Universal Adapters

Adapters have all terminals brought out for rapid connection.

K11630-4-Prong $12.00
K11631-6-Prong $12.00
K11632-6-Prong $12.00
K11633-7-Prong $12.00
K11634-9-Prong (octal) $16.00

Universal Output Meter Adapter

Contacts plate of for connecting an output meter or other device. Fitted with flexible 50" lead; phone tip at end. $1.15-

K11603- Your Cost Each $18.00

Bamtam Jr. Plugs and Adapters

For testing the new Bamtam Jr. tubes, now popular for hearing aids, pocket sets, compact transmitting to test receivers, and miniature amplifiers. Top accommodates 6 and 6 prong Bamtam tube base. Plug fits into octal socket of tube testers, etc. Aluminum housing with instructions. K11546—Bamtam Jr. to Octal

Your Cost $29.00

Bamtam Jr. Plug Adapter

Bamtam Jr. plug to octal socket, for end of analyzer plugs. Not wired. K11542—Octal to Bamtam Plug

Your Cost Each $19.00

METER SCALES

Available in 4 types, as illustrated, each for 0-1 ma. Weston 301 or 302 meter; 1212 meter. Specify meter. Precisely calibrated for volts-ohmsms, on platinum Bristol board. Each

K10581 "A" $1.15
K10583 "B" $1.47
K10585 "D" $1.47
K10587 "E" $1.15

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
9 Wire Octal Analyzer Plug and Adapters

Local tooth octal base tube plug with separate grid plug wired to 5 feet of 9 wire cable and special splices. Contains first five adapter plugs listed below. Complete as shown. Blk. wt. 3 lbs. K11495£ 5.40

$1.03

Your Cost

Analyzer Adapters Only

K11495—Locakline analyzer plug only. £ 5.40

K11496 8 to 4

K11494 8 to 6

K11476 8 to 7S

K11477 8 to TL

K11424 8 to Locak... 72c

Loktal to Octal Adapter Kit

Contains 5 adapters to check any Loktal tube in any checker equipped to check octal base tubes. Contains loktals into octal counterparts. Top codes green, gray, blue, black and yellow. K11523—Your Cost £ 2.75


Your Cost—Any Type, Each £ 59

*Indicates special instructions supplied with adapter.

Manganin Resistance Wire

Use No. 30 for multipliers, No. 24 for dials, No. 22 for 1. Amp, No. 16 to 10 Amps. K10840—15 Gauge, bare... 0.089 ohm per foot. K10841—22 Gauge, D.C. K10842—26 Gauge, D.C. 1.147 ohm per foot. 25 ft. spool. K10843—30 Gauge, D.C. 2.9 ohms per foot. 30 ft. to a spool. Your Cost per Spool Any Above £ 25

Copper Oxide Rectifier

Converts d.c. milliamperes 15 ma. or less to a.c. milliamperes. W ith proper resistors can measure up to 1000 volts. Only 34\% of 34%. Instruc- tions furnished for all changes and new instructions furnished. K10570—Your Cost £ 2.95

Copper Oxide Rectifiers

Miniature type, 3/8 square. For d.c. meters drawing less than 5 ma. K10566—Your Cost £ 2.15


50 Ma. Capacity 1145/16". 600 V. max. K10568—Your Cost £ 1.75

To Speed Handling of Your Order—Use Our Order Blank

BERNARD Volt-Ohm-Miliammeter Kits

3" Meter, 1000 ohms/Volt. 4 3/4" x 3 1/2" x 1" 1.0-pin. Provides full range of the D’Arsonval type. Highly polished, red molded, integral case. Suitable for unique, large unusually legible, calibrations and markings. Provide ranges: 1.5/10/50/250/500/2500 Volts DC; 15/150, 1500 Volts AC; —2 to +18, +18 to +38 and +38 to +76. D.C. Ranges: 0-1 Ampere DC; 3,000/30,000/300,000 Ohms (with 1.5 v. cell). 100 Millivolt movement. 1% accuracy with 1.5 v. cell and 2% with instructions and circuits. Std. wt. 2 lbs. 1000 ohms per volt. K10523—Meter only. £ 2.91

3" Meter, 5000 ohms/volt. Same as above but 5000 ohms per volt. (200 milliv.) Same ranges plus additional resistance range to 3 megohms. K10524—Meter only. £ 5.60

PARTS KIT FOR DC RANGES

All parts needed to obtain above DC ranges. Includes: drilled and engraved 8x5 1/2" aluminum panel; 12 position, 3 circuit, selector switch with bar handle; 2500 ohm resistance control with pointer knob; 3 bakeite tip jacks; 4 wire-wound 25% accuracy shunts, 6 matched pairs 25% accurate insulated multipliers; 1400 var, 2500 ohm dry cell; 2 fl. resin core solder. Instructions, diagrams. Shpg. wt. 2 lbs. K10525—For 5000 o.v.m. type. £ 6.35

Your Cost, Either Kit £ 2.45

PARTS KIT FOR AC RANGES

When used in place of above DC kit makes a complete AC-DC Meter having all the ranges indicated in the meter description given above. Includes resistance ranging resistor and 3 sets of 25% accurate insulated multipliers. K10512—For 1000 ohm o.v.m. type. £ 2.61

Your Cost, Either Kit £ 59

LAFAVETTE Meters

0-1 Ma. D.C. 3" Square Type

D’Arsonval moving coil type movement (50 mv.). In 3" square bakeite case requiring 2 1/8" panel hole. With 8x5 1/2" panel support. K10684—Scale reads 0-1. Milliamperes d.c. 0-3 ma. K10685—Scale reads 0-5. Milliamperes d.c. 0-10 ma. K10686—Scale reads 0-100. Milliamperes d.c. 0-200 ma. Hi-ohms 0-100, 0-10, 0-1; d.c. ma. 0-1-100; d.c. volts 0-10-100-1000. £ 3.23

Your Cost, Either Type £ 59

Volts-Ohm-Miliammeter Kit

Complete kit of shunts, multipliers, posts, switches, fuse, safety button battery, etc.—with above meter (K10686). When completed, following ranges are provided: Lo-ohms 0-500; Hi-ohms 0-100, 0-10; d.c. ma. 0-1-100; d.c. volts 0-10-100-1000. With diagram and instructions. K10542—Standard. £ 8.95

Continental Carbon Multipliers

An entirely new type of carbon resistor, impregnated and heat-sealed in a glass tube. Impervious to moisture and stable. Suitable for any type carbonization but especially recom- mended for meter multipliers, photo-cell circuits, etc. Pigtail leads Type A. Accuracy plus or minus 5%. K10687—Complete Kit, Each £ 7.95

Molded Bakelite Meter Box

Electronic: 6 1/4 x 2 1/4 x 2 1/4. £ 1.45

Molded Bakelite Meter Box

Black molded bakelite. K10531—Spool, 3 lbs. £ 83

Radio City Shunts

For 0-1 Ma. K10575—Your Cost £ 45

For increasing range of milliamperes. Individualy cali- brated to within 1% of rated value. Pigtail wire leads. 1-watt. All 2 1/4 x 3/4 diameter. K10588—Your Cost, Eac... £ 49

To show the details of the order blank, click on the link provided.
**READRITE Square & Round Meters**

Model 55 (round) and Model 55 (square) are flush-mounting panel meters, finished in bright nickel and brass edging, respectively. Both require a 2 3/4" hole. D.C. units are the polarized vane, solenoid type. A.C. units are double vane repulsion type. Round meters of the clamp-on type, supplied with clamp.

**D.C. MILLIAMMETERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Model 55</th>
<th>Model 55</th>
</tr>
</thead>
<tbody>
<tr>
<td>K11050</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11100</td>
<td>0-150</td>
<td>1.18</td>
</tr>
<tr>
<td>K11011</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11012</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11013</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11014</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11015</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11016</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11017</td>
<td>0-100</td>
<td>1.18</td>
</tr>
<tr>
<td>K11110</td>
<td>0-150</td>
<td>1.38</td>
</tr>
</tbody>
</table>

**A.C. MILLIAMMETERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Model 55</th>
<th>Model 55</th>
</tr>
</thead>
<tbody>
<tr>
<td>K11087</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11088</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11089</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11090</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11091</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11092</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11093</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11094</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11095</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11096</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11097</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11098</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11099</td>
<td>0-100</td>
<td>1.62</td>
</tr>
<tr>
<td>K11100</td>
<td>0-100</td>
<td>1.62</td>
</tr>
</tbody>
</table>

**D.C. VOLT METERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Model 55</th>
<th>Model 55</th>
<th>Model 55</th>
</tr>
</thead>
<tbody>
<tr>
<td>K11031</td>
<td>0-8</td>
<td>1.59</td>
<td>K11032</td>
</tr>
<tr>
<td>K11033</td>
<td>0-8</td>
<td>1.59</td>
<td>K11034</td>
</tr>
<tr>
<td>K11035</td>
<td>0-8</td>
<td>1.59</td>
<td>K11036</td>
</tr>
<tr>
<td>K11037</td>
<td>0-8</td>
<td>1.59</td>
<td>K11038</td>
</tr>
<tr>
<td>K11039</td>
<td>0-8</td>
<td>1.59</td>
<td>K11040</td>
</tr>
</tbody>
</table>

**A.C. VOLT METERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Model 55</th>
<th>Model 55</th>
</tr>
</thead>
<tbody>
<tr>
<td>K11072</td>
<td>0-100</td>
<td>1.82</td>
</tr>
<tr>
<td>K11074</td>
<td>0-100</td>
<td>1.82</td>
</tr>
<tr>
<td>K11076</td>
<td>0-100</td>
<td>1.82</td>
</tr>
<tr>
<td>K11077</td>
<td>0-100</td>
<td>1.82</td>
</tr>
<tr>
<td>K11078</td>
<td>0-100</td>
<td>1.82</td>
</tr>
<tr>
<td>K11079</td>
<td>0-100</td>
<td>1.82</td>
</tr>
<tr>
<td>K11080</td>
<td>0-100</td>
<td>1.82</td>
</tr>
</tbody>
</table>

**STERLING Panel Meters**

A line of efficient test meters having 2" case diameter, 2 5/16" 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**

<table>
<thead>
<tr>
<th>Snek No.</th>
<th>Range</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K12129</td>
<td>150 - 200 ma</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

**D.C. Voltmeters**

| K10950 | 0-3 Volts | $0.59 |
| K10951 | 0-5 Volts | $0.59 |
| K10952 | 0-10 Volts | $0.59 |
| K10953 | 0-15 Volts | $0.59 |
| K10954 | 0-20 Volts | $0.59 |

**Bakelite Fuse Mounts**

<table>
<thead>
<tr>
<th>Sub-Panel Type</th>
<th>Model 55 (round)</th>
<th>Model 55 (square)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K12382</td>
<td>1-6 studs</td>
<td>$0.59</td>
</tr>
</tbody>
</table>

**READRITE Tuning Meters**

<table>
<thead>
<tr>
<th>Type</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>$0.88</td>
</tr>
<tr>
<td>B</td>
<td>$0.88</td>
</tr>
<tr>
<td>C</td>
<td>$0.88</td>
</tr>
<tr>
<td>D</td>
<td>$0.88</td>
</tr>
</tbody>
</table>

**Beede Illuminated D.C. Milliammeters**

Model 311. Overall diameter 3 3/4". Bakelite case. Furnished with translucent dial scale; circular cutout in meter back for mounting pilot light socket (listed below). Entire case becomes illuminated. Meter has a risonal movement, double vane repulsion type, zero adjustment, aluminum pointer.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Range</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K11196</td>
<td>0-1 Ma</td>
<td>$0.37</td>
</tr>
<tr>
<td>K11197</td>
<td>0-10 Ma</td>
<td>$0.75</td>
</tr>
<tr>
<td>K11198</td>
<td>0-100 Ma</td>
<td>$2.24</td>
</tr>
</tbody>
</table>

**HOYT Hot-Wire Antenna Meters**


<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Range</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10445</td>
<td>Range 0-15 amperes</td>
<td>$2.79</td>
</tr>
<tr>
<td>K10446</td>
<td>Range 0-30 amperes</td>
<td>$2.79</td>
</tr>
<tr>
<td>K10447</td>
<td>Range 0-60 amperes</td>
<td>$2.79</td>
</tr>
</tbody>
</table>

**WESTON Model 301 3 3/4" Panel Meters**

Ranges above 30 ma are shunted and have drop of approximately 100 ma. Accuracy within 2%. Round or rectangular bakelite cases.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Range</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10765</td>
<td>0-1 Ma</td>
<td>$7.35</td>
</tr>
<tr>
<td>K10767</td>
<td>0-5 Ma</td>
<td>$7.35</td>
</tr>
<tr>
<td>K10769</td>
<td>0-10 Ma</td>
<td>$7.35</td>
</tr>
<tr>
<td>K10770</td>
<td>0-100 Ma</td>
<td>$7.35</td>
</tr>
<tr>
<td>K10774</td>
<td>0-500 Ma</td>
<td>$7.35</td>
</tr>
<tr>
<td>K10775</td>
<td>0-1000 Ma</td>
<td>$7.35</td>
</tr>
</tbody>
</table>

**MICRO-AMMETERS**

Model 476 - 3 3/4" Diameter

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Range</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10701</td>
<td>0-200 ma</td>
<td>$0.47</td>
</tr>
<tr>
<td>K10703</td>
<td>0-500 ma</td>
<td>$0.47</td>
</tr>
<tr>
<td>K10705</td>
<td>0-1000 ma</td>
<td>$0.47</td>
</tr>
</tbody>
</table>

**A.C. MILLIAMMETERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Range</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10751</td>
<td>100-1000 ma</td>
<td>K10751</td>
<td>$10.07</td>
</tr>
<tr>
<td>K10753</td>
<td>0-100 ma</td>
<td>K10753</td>
<td>$6.61</td>
</tr>
<tr>
<td>K10757</td>
<td>0-1000 ma</td>
<td>K10757</td>
<td>$6.77</td>
</tr>
</tbody>
</table>

**D.C. MILLIAMMETERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Range</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10759</td>
<td>0-10 ma</td>
<td>K10759</td>
<td>$10.51</td>
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</tbody>
</table>

**D.C. VOLT METERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Range</th>
<th>Stock No.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10757</td>
<td>0-100 ma</td>
<td>K10757</td>
<td>$10.51</td>
</tr>
</tbody>
</table>

**MICRO-AMMETERS**

Model 476 - Rectangular

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Range</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10751</td>
<td>10-100 ma</td>
<td>$6.61</td>
</tr>
<tr>
<td>K10755</td>
<td>100-1000 ma</td>
<td>$6.61</td>
</tr>
</tbody>
</table>

**NOTE**

We can furnish any current model WESTON meter desired at lowest dealer prices. Write for quotation and latest literature.
7" Illuminated A.C.-D.C. Foundation Instrument
25,000 ohms-per-volt sensitivity. Has 6" with 10-calibers for d.c., ranges from 0/10/50/100/2000/10000 volts: 0/50/250 d.c. microamperes; 0/1/10/50/250 1000/5000 d.c. milliamperes; linear to 5000 volts and 20,000/200,000/2,000,000 ohms at 1½ volts; 8½ volt. 0/10/50/250/1000 at 100 volts. Edgewise illumination. Ship. wt. 4 lbs.

$17.96

Smaller Size Foundation Instruments
Name as above, but with white dial scales.
K11365—Model 302, 4½" square case. Your Cost 10.95
K11366—Model 302. 5" round case. 11.44

Essential Parts Kits
K11439—Your Cost $15.36
As above, but less metal case. Wt. 5 lbs.
K11440—Assembled, Your Cost $14.21

1000 Ohms-Per-Volt Foundation Meters
0-1 d.c. milliammeter Foundation Instruments with internal resistance of 1000 ohms (1000 ohm-per-volt). Scales read: 0-10-50-250-500-1000 volts; 0-1.5-5-25-125-625 milliamperes; low ohms, 2 to 500; high ohms to 100,000. Ship. wt. 3 lbs.
K11366—Model 321, 3½" Round $7.18
K11388—Model 326. 3½" Square $4.30
K11229—Model 521, 5½" Round $6.20
K11285—Model 726, 7½" Square $11.44

Power Level Indicators
For measuring sound levels in live theaters, broadcast stations, music halls. Range reads 90 db. to 120 db. ship. wt. 3 lbs.
K11446—Each $7.97
K11447—Each $8.00

SHUNT AND RESISTORS FOR ABOVE INSTRUMENTS
K11366—Model 321, 3½" dia. $7.67
K11446—Each $7.87

D.C. VOLTMETERS
Model 321—1000 Ohms/Volt
No. Range Each
K11240 0-10 $8.25
K11242 0-100 $8.75
K11244 0-15 $8.75
K11246 0-1000 $11.25

*Includes external multiplier (cased).
125 Ohms per Volt
Model 321
No. Range Each
K11230 0-10 $8.25
K11232 0-100 $8.75
K11234 0-15 $8.75
K11236 0-1000 $11.25

Frank Illuminator
Shielded front dial light that fits on above meters. Use of model 321 and 331 is recommended. No glare. Complete with 6½ volt bulb.
K11222—Each $98

THERMO AMMETERS WITH EXTERNAL COUPLE
Model 341, 4 ¾" dial
K11389—0.5 $6.54
K11391—1.5 $7.51
K11392—2.5 $7.51
K11426—100 $11.54

Replacement couples on order—any range, specify $2.62

THERMO AMMETERS WITH BUILT-IN COUPLES
Model 341
K11251—0.5 $4.41
K11255—1 $4.41
K11261—2 $4.41
K11284—5 $4.41

3½ Round Each
K11332—5 $4.41
K11335—10 $4.41
K11345—25 $4.41

3 ¾ Round Each
K11222—5 $4.41
K11225—10 $4.41
K11235—25 $4.41

OTHER MODELS
Model 331
K11217—0.5 $3.75
K11222—5 $3.90

Model 331A
K11241—0.5 $5.75
K11246—5 $5.90

Model 331B
K11247—0.5 $8.10
K11252—5 $8.25

Model 331C
K11253—0.5 $11.25
K11258—5 $11.50

Model 331D
K11259—0.5 $13.75
K11264—5 $14.00

Model 331E
K11265—0.5 $15.50
K11270—5 $15.75

Model 331F
K11271—0.5 $18.50
K11276—5 $18.75

Model 331G
K11277—0.5 $21.50
K11282—5 $21.75

Model 331H
K11283—0.5 $24.50
K11288—5 $24.75

Model 331I
K11289—0.5 $27.50
K11294—5 $27.75

Model 331J
K11295—0.5 $30.50
K11290—5 $30.75

Model 331K
K11291—0.5 $33.50
K11296—5 $33.75
INSULATED BANANA JACKS AND PLUGS

Plug has set screw for solderless wire connection. Jack fits 3/4" hole and panels up to 3/8" thick. Red or black in standard on both. Specify color desired.

K12915 - Plug 10 For $1.45
Your Cost Each, Either Type 100 For $1.25

PLAIN BANANA JACKS AND PLUGS

Nicked brass. Plug is 13/4" long. Jack is 3/4" long and fits 3/8" hole in panels up to 3/4". K12919 - Plug 10 For $1.25
K12923 - Jack 10 For $1.25
Your Cost Each, Either Type 100 For $1.00

1 PIECE BANANA PLUGS

Solid brass instead of separate springs. Plain plug 1 overall with 3/4" long threaded 6-32 end. Insulated plug has insulating sleeve and setscrew for solderless connection. Red or Black, Specify color desired.

K12920 - Plain plug 10 For $0.30
100 For $0.25
K12921 - Insulated plug 10 For $0.45
100 For $0.40

Midget Banana Plugs and Jacks

Insulated plug is 1 long and jack 3/8" long. Plug is 3/8" long and jack is 3/8" and fits 3/8" hole up to 3/4". Insulated types available in red or black. Specify color desired.

K12905 - Plain jack 4 each
K12906 - Insulated jack 4 each
Per Dozen .50c

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 - Your Prod 4 each
Your Cost 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 post, Red or Black. Specify color desired.

K12913 - Phone tip end 10 For $0.30
K12912 - Spade lug end Each, Either Type 10 For $0.30

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 or black. K12972 - Crystal Any Type Each

(1) - Banana plug with 3/4" d. Luette sleeve. Screw for solderless connection. 1-1/2" long. K12975 - Red K12971 - Black
K12972 - Crystal Any Type Each

(2) - Banana plug with 3/4" Luette head. Fits 1/4" hole in panels up to 3/8" thick. In red or black. K12973 - Red K12974 - Black
K12975 - Crystal Any Type Each

K12978 - Crystal Any Type Each

15c

Amphenol Tip Jacks

Fully insulated, no washer required. Phosphor bronze contacts. All Bakelite body. Mounts easily and securely by means of special spring snap ring. Requires 1-1/4" hole, available in Red or Black. Specify color.

K12765 - Ea. 4²

NEW Dual Circuit Plugs and Jacks

A new dual circuit tip jack and plug hardly larger than the ordinary single circuit overall plug. 1-1/4" jack. 1-1/2" plug. Insulated, with Lucite sleeve. In red or black.

K12931 - Red plug 10 For
K12932 - Red jack 10 For
Any Type Each 24c

Double Handle Type Insulated Alligator Clips

Prevents all types of static electrical shocks. Has 2 prongs, prevents accidental contact when inserted into a jack. Has screw for easy removal. In Red or Black.

K12970 - Red Jack 10 For
K12991 - Black Jack 10 For

Solderless Phone Tipped Test Prods

Tips fit standard phone jack tips. Have knurled collar for solderless wire connection. Tips sharp enough to pierce corrosion and rubber insulation. Insulated handles in Red or Black, Specify color, double insulated.

K12881 - Short prod 6-3/4" long.
Your Cost 14c
K12884 - Long Prod 6-3/4" long.
Your Cost 18c

Phono Needle Prods

Have very small tips and RED or BLACK. Specify color. Red or Black, Specify color.

K12876 & 4 - "Prod.
14c

Solderless Insulated Phone Tip Plugs

All metal tip plug for tip jack. Used on test leads. In red and black. Specify color, double insulated. K12971 - 1-1/4" long prod.
K12974 - 1-1/4" long.
Per Dozen, Either Type .57c

Plain Solderless Phone Tip Plugs

All metal tip plug for tip jack. Solderless connection. 1-1/4" long.
K12943 - 12 For 35c
As above but 1-1/4" long.
K12944 - Per Dozen 30c
Your Cost Each 4c

Standard Nickel Plated brass.
K14881 - 10 For .60c
Per 100 .45c

Insulated Tip Jacks

Have new type springs which prevent grip contact. Mounts in 3/4" hole. In red or black.

Specify color on order. K12879 - Each .65c
K12878 - Each .75c
Per Dozen .65c

Molded Bakelite Insulated Tip Jacks

Large diameter molded Bakelite heads take all phone type terminals. Phosphor bronze springs. With insulating washer. K12877 - Red 7 Each
K12878 - Black 10 Each
Per Dozen .65c

Compact Tip Jack


Specify color on order. K12913 - Your Cost Each .35c
K12912 - Per Dozen .29c

Plain Tip Jacks


Specify color on order. K12918 - Your Cost Each .35c
Per Dozen .29c

Combination Jack

New type, takes both phone tip and lug adapter, insulated, with insulated washer. Red or black.

Specify color on order. K12925 - Per Dz. 85c
Your Cost Each...
**Test Prods and ALIGNING TOOLS**

**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, ½" and ¾ nut wrench, ¾ hex insulated square nut wrench, ²⁻³⁄₄ metal side wrench, insulated driver with metal nib, ¾ hex slotted insulated drive wrench, ½ hex insulated nut wrench, 6" insulated driver.

- **K15088—List $5.00** $2.94
- **K15095—Your Cost, Complete** 2.30

**ICA Unbreakable Test Prods**
Prods of solid brass, nickeled, and covered with shockproof five-wire rubber—1 red, 1 black—and have sharp pointed tips. Other end of 50" kinkless rubber wires have solderless insulated handles. Five foot red and black kinkless leads.

- **K12938—With spade tips**
- **K12939—Phone tips**
- **K12940—All Fenoiline—no metal handles**
- **K12941—Bakelite**

**ICA Fused Test Prods**
Sharp pointed test prods have easily replaced fuses mounted in the handles. Protect meter against burn-outs. Insulated banana plugs at other end of leads. Interchangeable Alligator Spade Lugs and Phone Tips furnished to fit plugs.

- **Complete Set** $1.47

**Laboratory Test Prods**
Improved type. Bronze tip with screw and heavy body. Double purpose—needle point tip and phone tip. Heavy long handles. Five foot red and black kinkless leads.

- **K12976—With spade tips**
- **K12978—Phone tips**
- **K12978—Your Cost, Either Type** 42¢

**TEST LEAD BARGAIN**
37-inch leads equipped with phone tips at one end and 4-inch insulated prods at the other. Flexible leads, black and red prods are red and black.

- **K12989—Your Cost** 22¢

**Needle and Solderless Tip Prods**
Checks and nubs hold plain phonograph needles (Type A). Fibre handles ¼" long, ½" diam., and 6" long, red and black, colored kinkless wire. Type B is solderless tip with long ¼" tail.

- **PHONE NEEDLE TIP PRODS**

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<th>No.</th>
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<td>K12977</td>
<td>Alligator</td>
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**SOLDERLESS TIP PLUGS**

- **K12988—Phone Tips** 25¢
- **K12989—Spade Lugs** 25¢
- **K12990—Alligator** 34¢

**Insulated Hex Wrench**
Hexed entire length; cut worn end and have a new wrench.

- **Size No.** | Length Your Cost | Each |
<table>
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<tr>
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</table>

**FIBRITE Screw Driver**
7" long; driver at both ends for all types.

- **K1350—½" diameter** 19¢
- **K1351—¾" diameter** 25¢

**Leatherette Case**

**ICA Aligning Tool**

**ICA Unbreakable Test Prods**

**ICA Fused Test Prods**

**Handy Neon Circuit Tester**
Made to fit the pocket. Used for detecting open fuses, live lines, open circuit, polarity, continuity tests, etc. Tiny neon lamp will flash when fuse is bad. May be used as a 0.1 ma. Leads are color-coded, metal jack-sulated phone tips. Can be used in making strong waves and oscillators.

- **K12593—Your Cost** $1.10

**Brach Neon Test-O-Lite**
With this new Test-O-Lite you can find burnt out fuses immediately. Will check any voltage between 110 and 500 volts—either a.c. or d.c. Will also check spark-plugs, radio sets, household appliances, etc. Distinguishes a.c. from d.c. in Bakelite case.

- **K12593—Your Cost** 95¢

**New Test Prods With Dual Circuit Plug & Jack**
4¾" prods with 6 of double-brazed cable fitted with the new dual-circuit phone tip plug and jack. Eliminates tangle of separate cords and simplifies connection on panel meter.

- **K12593—Your Cost** 71¢

**Pencil Type Test Leads**
Streamlined plugs with set screw for solidless connections.

- **K12593—Your Cost** 15¢

**MUELLER "Snapper" Insulated Test Probe**
A 6" fibre insulated tube fitted with spring contact jaws that separate by thumb pressure on knob. Each K14316—Red Handle | 38¢
K14317—Black Handle | 38¢

**POLY-IRON Resonator Alignment Wand**
For determining correct alignment. A 6" flexible rubber rod; one end braided and other, core steel. Placing either end in magnetic field of coil will indicate inductive condition.

- **K14317—Your Cost** 59¢

**Solid Tuning Wand**
Similar to above, except that the body is solid insulation.

- **K14317—Your Cost Each** 49¢
SERVICING BOOKS BY GHIRARDI
Modern Radio Servicing
The second revised and greatly enlarged edition of Ghirardi's well-known books, appearing with the latest facts on up-to-the-minute servicing: how to construct and operate modern test equipment: location and elimination of noise: cathode-ray alignment: auto radios, antennas, etc. Profusely illustrated, diagrams, charts, photos, etc. Shpg. wt. 5 lb.
K1959 - Shipped Postpaid in U.S.A. $4.00
Your Cost

"Twin Gadgets"
Two remarkable, ingenious sets of tubes, one for Home Sets, the other for 1200 illustrations covering every phase of radio, public address, talking pictures, television, photo-refs, elements of a, and d.c. electricity—all told in easily understandable everyday language. Used in schools everywhere. Cloth binding. Postpaid in U.S.A. $4.00
K1987 - Your Cost

"AMPLIFIER HANDBOOK—Public Address Guide"
Contains complete essential public address and amplifier data, for sound men, servicemen, dealers, etc. Covers fundamental, amplifiers, microphones, loud-speakers, power supplies, recording, application, sales, etc. Cloth binding. Postpaid in U.S.A. $4.00
K1987 - Your Cost

RADIOCRAFT SERVICEMEN'S LIBRARY
All new and up-to-date, these books are written by experts in their respective fields. All are technically approved by RADIOCRAFT. Written in simple, easy-to-understand everyday language. Volumes are uniformly sized, 5½ x 8½ ("House marked * are 7½x10½"). Each volume contains over 200 illustrations in each volume. List, each, 50c. Shpg. wt. 1 lb.

K19505 - K19508
Your Cost Each, Any Title

MALLOPHY—YAXLEY Encyclopedia — New 3rd Edition—Now 75c!
This is the newest, biggest 75c value in radio books! It's a new (third) edition that will aid the repairman everywhere in his daily work. Contains a great deal of over 48,000 sets. 200 pages, 5½ x 8½.". Shpg. wt. 1 lb.
K19720 - Your Cost, Only 75c

SERVICING Radios
Cathode-Ray Tubes
The latest technical data on all cathode-ray tubes. 123 pages.
K19990 - Your Cost

RAYTHEON Tube Manual
260 pages of characteristic data on all receiving tubes. Includes fundamental data in clear and concise chart and curve data. In addition, a socket diagram section on Locals and other latest types. A completely up-to-date handy reference manual.
K19891 - Your Cost

"Slide Rule & Logarithmic Tables" G. Clark
K19726 - Your Cost

"Electrolytic Capacitors" By P. Mck. Deele
Author is chief-engineer of Cornell Dubilier Electrolytics and an authority on this subject. Supplies thorough data on theory, design and manufacturing of electrolytic capacitors, profusely illustrated. 300 pages.
K19994 - Your Cost $2.94

MALLORY—YAXLEY Encyclopedia — New 3rd Edition—Now 75c!
This is the newest, biggest 75c value in radio books! It’s a new (third) edition that will aid the repairman everywhere in his daily work. Contains a great deal of over 48,000 sets. 200 pages, 5½ x 8½.". Shpg. wt. 1 lb.
K19720 - Your Cost, Only 75c

MALLOPHY—YAXLEY Encyclopedia — New 3rd Edition—Now 75c!
This is the newest, biggest 75c value in radio books! It's a new (third) edition that will aid the repairman everywhere in his daily work. Contains a great deal of over 48,000 sets. 200 pages, 5½ x 8½.". Shpg. wt. 1 lb.
K19720 - Your Cost, Only 75c

Dragons Cyclopedia
The latest revision of this invaluable reference book contains information on radio and allied fields, written in clear, simple language. Practical data on transmitting and receiving equipment, P-A, television, photo-refs, etc. Containing over 1300 illustrations, 8 ½ x 11 inches. Shpg. wt. 5 lb.

K19938 - Your Cost $3.92

Manly's Radio and Electronic Dictionary
Every serviceman and student of radio and electronic devices needs this invaluable reference book. 8 ½ x 11 inches. Contains over 1500 illustrations, definitions, 3800 terms. Maroon cloth binding. 19 x 10½. Wt. 3 lb.

K19894 - Your Cost $2.19
### Name of Radio and Model

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### Stock No.

- **APEX**
  - Gloritone 26-A: K2705 2.20
  - Gloritone 26-P: K2484 2.80
  - Case B: K2211 3.10
  - Case 32: K2423 3.20
- **ATLANTIC KENT**
  - 36, 37 and 38: K2255 2.35
  - 49, 56, 57, 45, 44, 45, 52 Complete Pack: K1375 4.95
  - 46, 47, Complete Pack: K1375 7.25
  - 50 and 55-C, Late Types: K2446 3.95
  - MA and MB Chassis for 110: K1374 2.95
  - 92 Early and Late: K2396 3.75
  - 96 (all models): K2158 5.75
  - 850, 851, 852, 853: K2158 3.75
  - 310, 510: K2178 3.35
  - 812 plate: K2195 9.95
  - 812 plate and flight: K2195 9.95
  - 613: K2197 3.95
- **BOSCH**
  - 5A: K2406 2.50
  - 48: K2260 2.40
  - 58: K2261 2.40
  - 29, 29A: K2158 5.95
  - 73, 74: K2401 2.75
  - 815: K5388 3.95
- **CLARION**
  - 300: K2086 2.95
  - 340: K2087 2.95
  - 51: K2088 2.75
  - 80: K2090 2.95
- **COLONIAL**
  - 31: K2363 4.30
- **COLUMBIA RADIO**
  - Screen Grid 8 (with Choke): K2035 3.75
- **EARTH and FREED**
  - Ear 21, 22, Freq 55, 56: K2286 2.55
  - Ear 24, 31, 32, 33, 41, Freq 65, 78, 79, 90, 95: K2287 3.40
- **EDISON**
  - R-4, R-5 and C-4: K2251 3.85
  - R-6 and R-7: K2256 2.75
  - R-1, R-2 and C-2 (plate): K2256 2.75
- **EVEREADY**
  - 49 and 50 series: K2284 2.75
- **FADA**
  - 41, 42, 43, 44, 46 and 47: K2355 2.65
  - 50, 70, 71, 72 for E-430 Unit: K2336 2.85
- **GENERAL ELECTRIC**
  - H-31, H-51 and H-71, 60 cycle: K2156 2.95
  - T-31, 60 cycle: K2155 1.25
  - S-22, 42, 60 cycle: K2218 2.35
  - T-12, 60 cycle: K2218 2.35
  - K-62, 60 cycle: K2218 2.35
  - K-63, 60 cycle: K2218 2.35
  - H-32, H-72, 60 cycle: K2139 2.95
  - J-7: K2118 0.75
  - J-82 and J-87: K2112 2.75
  - J-83 and J-87: K2112 2.75
  - E-185: K2114 4.95
- **NAME OF RADIO AND MODEL**

### Name of Radio and Model

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### Stock No.

- **APEX**
  - Model 46, 46A...: K1406 $1.70
- **ATLANTIC KENT**
  - 37-38 condenser and choke assembly: K1378 2.10
  - 46, 56, 57, 60, 60C condenser unit: K1369 2.70
  - 56, 55C, 60, 60C: K1368 2.40
- **EDISON**
  - R-1, R-2, C-12: K1220 3.30
  - R-4, R-5, C-4: K1229 2.45
- **EVEREADY**
  - 30, 40, 50 series: K2120 1.95

### Name of Receiver

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### Stock No.

**POWER TRANSFORMERS**

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We can supply the exact duplicate or correct replacement transformer or condenser block for any standard receiver at lowest wholesale prices. Write giving full information and we will promptly quote.
Trutest Power Transformers, engineered by experts and constructed of the finest materials, truly deserve the popularity accorded them by the service field. Each unit is designed to provide ample safety factor under any normal conditions of use. As a result, Trutest Power Transformers are warranted, under 351/2 I.A. standards, for a period of 90 days, against mechanical or electrical defects.

This is your assurance that Trutest transformers will live up to the claims made for them. To simplify installation, and guard against the possibility of error in wiring, each unit is furnished with a schematic diagram showing terminal connections. All Trutest Power Transformers are guaranteed 220-115 volt, 50-60 cycle primaries. All filament secondaries are center-tapped. All employ insulation tested at 1500 volts.

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 A.C. meter, a transformer and a switch, all housed in a cradle 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—33/4 x 4 x 5 1/2". Sthpg. wt. 9 lbs.

Trutest Transformer
New, fully shielded mounting transformers designed for 110 volt, 60 cycle operation. 2000 volt insulation. Finished in at-tractive black ribbed; all are same size: 2 5/8" width, 3 1/4" height, 3" depth. All are center-tapped, provided with heavy insulated leads and are substantially insulated for overload and safety margin. Overall dimensions: 4 1/8" x 3 1/8" x 2 3/4". All 110 volt models. Protection:-primary 1500 volts; secondary 3500 volts.

Popular Type Replacement Power Transformers
For Small AC Sets
Designed especially for replacement in small 4- tube set receivers, or AC power supplies of office amplifiers, etc. Primary for 115 volts, 60-60 Hart-Scott-Russell. High voltage secondary, 220 volts, c.t., to deliver 220 volts, 40 ma. Rectifier secondaries for AC lamps. Filament secondary 6.3 volts at 1.6 amperes, c.t. M/g. area 25/16", m/g. centers 1.2 x 1.5", single half-heel mounting, with soldering lugs. Diagram showing terminal lugs included. Shpg. wt. 3 lbs.

TRUTEST FIELD EXCITER TRANSFORMERS
Open type with long color coded leads. Have primary, high voltage output terminals, and rectifier filament windings. Will step up line voltage to 115 volts, 60 cycle. Filament windings have 14 - 16 turn 30 ampere conductors. Will supply enough current to drive filament. Primary size—6 x 4 x 3". Secondary size—4" x 3" x 3/4". Overall dimensions—6 1/2" x 5 3/4" x 2 1/2". Sthpg. wt. 3 lbs. Price—$7.50.

Tube Tester Filament Transformer
For replacement in all tube testers, including late models, or for constructors. Unshielded and with m/g. brackets. Long color coded leads. Will step up 115 volts, 60 cycle to 45 volts, 60 cycle AC. Secondary tapped as follows: 1.8; 2.0; 2.5; 3.0; 3.5; 4.0; 4.5; 5.0; 6.0; 6.3; 7.5; 8.0; 10.0; 20.0. 80,000 volts insulation. Supplied with code chart.

Trutest Exciter Lamp Transformer
Supplies exciter lamp current for 8 volt filament at 4 amperes. Tapped for 100 volts, 50-60 cycle primary; 80-120 volts, 50-60 cycle secondary. Dimensions: 6 1/2" x 4 1/2" x 3 1/2". Sthpg. wt. 5 lbs.

(Continued on page 105)
UNIVERSAL DUPLICATE POWER TRANSFORMERS

Fit Over 80% Of The AC Sets You Are Called On to Repair Today

These universal transformers perform a choice of Amp mounts—a choice of Amp ranges—a choice of Amp ratings—half a, full, or quarter Amps. They are narrow vertical—wide vertical—and the new Underwriters mounting. ALL SECONDARY WINDINGS ARE CENTER-TAPPED.

### AUDIO TRANSFORMERS

**Single Plate To Single Grid**

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1550     | A-64 | 1:2          |            |      |      |      | .09
| K1552     | A-65 | 1:2          |            |      |      |      | .09
| K1553     | 783  | 2:1          |            |      |      |      | .09

**Push-Pull Inputs (1 Plt. to 2 Gt.)**

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1551     | A-55C| 1:3          |            |      |      |      | .09
| K1552     | A-560| 1:4          |            |      |      |      | .09
| K1554     | A-752| 1:2          |            |      |      |      | .09
| K1563     | A-750| 1:3          |            |      |      |      | .09
| K1586     | A-419| 1:3          |            |      |      |      | .09
| K1580     | A-1561| 2:1          |            |      |      |      | .09

**Push-Pull Interstage (2 Plt. to 2 Gt.)**

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1583     | A-4201| 1:3          |            |      |      |      | .09
| K1561     | A-4208| 1:3          |            |      |      |      | .09

**Replacement Driver Transformers**

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1564     | A-4712| 20M          |            |      |      |      | .09
| K1565     | A-4713| 25M          |            |      |      |      | .09
| K1558     | A-4722| 10M          |            |      |      |      | .09
| K1567     | A-4722| 10M          |            |      |      |      | .09
| K1568     | A-4722| 10M          |            |      |      |      | .09
| K1569     | A-4722| 10M          |            |      |      |      | .09
| K1570     | A-4722| 10M          |            |      |      |      | .09

**Universal Output Transformers**

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1575     | A-4356| 1500, 2000, 4000, |      |      |      | .09
| K1566     | A-3803| 3000, 5000, 6000, 7000, 10000, CT |            |      |      | .09

### Output Transformers

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1563     | A-3897| 250          |            |      |      |      | .09
| K1564     | A-3898| 250          |            |      |      |      | .09
| K1565     | A-3899| 250          |            |      |      |      | .09

### 6 Volt Universal Viberator Transformers

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1576     | P-3010| 250          |            |      |      |      | .09
| K1577     | P-3011| 250          |            |      |      |      | .09
| K1578     | P-3012| 250          |            |      |      |      | .09

### 6 V. DC or 115 V. AC Viberator Transformer

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1577     | P-1555| 250          |            |      |      |      | .09

### Filter Chokes Type A

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1581     | A-3501| 250          |            |      |      |      | .09
| K1582     | A-3502| 250          |            |      |      |      | .09

### AC-DC Chokes Type A

| Stock No. | Type | Turns Ratio | Dimensions | Mfr. | Wtg. | Qty. | Cost
|-----------|------|-------------|------------|------|------|------|------|
| K1570     | C-2231| 40          |            |      |      |      | .09
| K1571     | C-2232| 40          |            |      |      |      | .09
| K1572     | C-2233| 40          |            |      |      |      | .09

### STANCOR Service Guide

This valuable guide lists power and audio replacements for all tube radios. It contains tube set-up and other valuable information about each set. FREE with your order for STANCOR transformers.

104
AC-DC Filter Chokes
Small but highly efficient filtering circuits for AC-DC receivers, intercommunicators, etc. All are 2 1/2" wide, 135° deep and 154" high. Shpg. wt. 1 lb.

<table>
<thead>
<tr>
<th></th>
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<tr>
<td>K467</td>
<td>T-14C61</td>
<td>3B</td>
<td>16</td>
<td>55</td>
<td>200</td>
<td>0.62</td>
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<td>K468</td>
<td>T-14C62</td>
<td>3B</td>
<td>16</td>
<td>55</td>
<td>200</td>
<td>0.62</td>
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<tr>
<td>K469</td>
<td>T-14C63</td>
<td>3B</td>
<td>16</td>
<td>55</td>
<td>300</td>
<td>0.62</td>
<td></td>
</tr>
<tr>
<td>K470</td>
<td>T-14C64</td>
<td>3B</td>
<td>16</td>
<td>55</td>
<td>350</td>
<td>0.62</td>
<td></td>
</tr>
</tbody>
</table>

Low Imp. Source To Single or P.P. Grid

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>No.</th>
<th>Type</th>
<th>Fty.</th>
<th>Ma. Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>K475</td>
<td>T-64A73</td>
<td>DB mike to grid</td>
<td>200 st.</td>
<td>100,000</td>
</tr>
<tr>
<td>K476</td>
<td>T-64A74</td>
<td>DB mike to grid</td>
<td>100,000</td>
<td>11.52</td>
</tr>
</tbody>
</table>

Transceiver Audios
Smallest practical units of their type. Lightweight. Eaily mounted. Highly efficient.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Description</th>
<th>Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K363</td>
<td>T-22058</td>
<td>2B</td>
<td>154&quot; W.</td>
<td>97° C.</td>
</tr>
<tr>
<td>K377</td>
<td>T-22559</td>
<td>2B</td>
<td>154&quot; D.</td>
<td>97° C.</td>
</tr>
</tbody>
</table>

Output Transformers

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Thord.</th>
<th>Class</th>
<th>Ohms Impedance</th>
<th>Max. Mgt. Year</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K455</td>
<td>T-145815</td>
<td>8 or P.P.</td>
<td>7000 Cl.-3 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
<tr>
<td>K456</td>
<td>T-145818</td>
<td>8 or P.P.</td>
<td>1500-3 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
<tr>
<td>K457</td>
<td>T-145820</td>
<td>8 or P.P.</td>
<td>2500-3 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
<tr>
<td>K537</td>
<td>T-145834</td>
<td>8 or P.P.</td>
<td>8000-3 to 6</td>
<td>6</td>
<td>3B</td>
</tr>
<tr>
<td>K592</td>
<td>T-145854</td>
<td>8 or P.P.</td>
<td>7000-3 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
<tr>
<td>K378</td>
<td>T-132970</td>
<td>8 or P.P.</td>
<td>4000-1 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
<tr>
<td>K379</td>
<td>T-132970</td>
<td>8 or P.P.</td>
<td>4000-1 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
<tr>
<td>K380</td>
<td>T-132802</td>
<td>8 or P.P.</td>
<td>2500-1 to 6</td>
<td>5</td>
<td>3B</td>
</tr>
</tbody>
</table>

Filtering Chokes
For receivers, amplifiers and transmitter applications. All inductance ratings shown are with full rated current flowing through the windings. This list contains a large variety of types and ratings. Average shpg. wt. 3 lbs.

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<tr>
<th></th>
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<tbody>
<tr>
<td>K405</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>500</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K406</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>1000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K407</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>2000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K408</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>4000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K409</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>6000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K410</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>8000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K411</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>10000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K412</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>15000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K413</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>20000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K414</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>30000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K415</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>40000</td>
<td>0.53</td>
<td></td>
</tr>
<tr>
<td>K416</td>
<td>T-13C29</td>
<td>7B</td>
<td>16</td>
<td>50</td>
<td>50000</td>
<td>0.53</td>
<td></td>
</tr>
</tbody>
</table>

Push-Pull Input Transformers
Single plate (10,000 ohms) to push-pull grids. Stock No. K451 may also be used as a typical P.P. grid impedance with ratios of 1:1, 1:2, or 1:4 by connecting according to instructions furnished. Shpg. wt. 3 lbs.

<table>
<thead>
<tr>
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<th></th>
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<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>K332</td>
<td>T-14A92</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>500</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K650</td>
<td>T-13A95</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>1000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K381</td>
<td>T-38A91</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>2000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K327</td>
<td>T-86A40</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>4000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K216</td>
<td>T-12A92</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>8000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K283</td>
<td>T-38A40</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>8000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K341</td>
<td>T-12A92</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>10000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K101</td>
<td>T-12A92</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>15000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K603</td>
<td>T-38A91</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>20000</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>K277</td>
<td>T-86A70</td>
<td>3B</td>
<td>16</td>
<td>50</td>
<td>30000</td>
<td>0.73</td>
<td></td>
</tr>
</tbody>
</table>

*Indicates P.P. Plates (10,000 ohms eq.) to P.P. Grids.

Universal Output Transformers

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Class</th>
<th>Adj.</th>
<th>No.</th>
<th>Type</th>
<th>H. W.</th>
<th>Ma. Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>K630</td>
<td>T-13038</td>
<td>10</td>
<td>400 to 7000</td>
<td>5</td>
<td>3B</td>
<td>$0.88</td>
</tr>
<tr>
<td>K278</td>
<td>T-15701</td>
<td>25</td>
<td>800 to 10000</td>
<td>5</td>
<td>3B</td>
<td>$1.18</td>
</tr>
<tr>
<td>K275</td>
<td>T-15702</td>
<td>1000</td>
<td>10000 to 20000</td>
<td>5</td>
<td>3B</td>
<td>$3.42</td>
</tr>
</tbody>
</table>

Universal Line To Speaker

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Line</th>
<th>Input Power</th>
<th>Output Power</th>
<th>Cl.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K545</td>
<td>T-13086</td>
<td>600-4.5-6</td>
<td>2500-4.5-6</td>
<td>2B</td>
<td>$0.13</td>
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</tbody>
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Audio Reactors

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Mgt.</th>
<th>THD</th>
<th>Your Cost</th>
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<tbody>
<tr>
<td>K317</td>
<td>T-674C6</td>
<td>2B</td>
<td>1/2</td>
<td>$1.03</td>
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<tr>
<td>K457</td>
<td>T-28C27</td>
<td>2B</td>
<td>1/2</td>
<td>$1.03</td>
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</tbody>
</table>

Driver Transformers

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Mgt.</th>
<th>THD</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K545</td>
<td>T-13086</td>
<td>600-4.5-6</td>
<td>2500-4.5-6</td>
<td>2B</td>
</tr>
</tbody>
</table>
“Linear Standard” Audios
A line of shielded highest fidelity audio transformers for low and input coils that have lowest hum pick-up of any available, wide range frequency response (within plus or minus 6 db) from 20,000 c.p.s. to 100,000 c.p.s., thorough shielding and dependability. Extensively by broadcast stations. House in all coils that have 24-gauge wire terminals for mounting (top or bottom). Telephone black enamel with threaded inserts for top or bottom mounting. All have lug terminals. Low level units have hum bucking construction. Completely covered with special sealing compound. Overall dimensions: (length, width, height).

Type E Case: 2x5x3 1/4
Type F Case: 2x5x3 1/4
Type G Case: 2x4x3 1/4
Type H Case: 6x4x3 1/4

Line Matching Units
All in Type E Case. Shipped wt. lbs. each.

<table>
<thead>
<tr>
<th>Type</th>
<th>Impedance</th>
<th>Typical Tubes</th>
<th>Case</th>
<th>Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K539-1</td>
<td>100,000/0000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
<tr>
<td>K539-2</td>
<td>3000/3000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
<tr>
<td>K539-3</td>
<td>6000/6000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
<tr>
<td>K539-4</td>
<td>12000/12000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
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</tbody>
</table>

Filter Chokes

<table>
<thead>
<tr>
<th>Stock</th>
<th>Type</th>
<th>Watts</th>
<th>Typical Tubes</th>
<th>Case</th>
<th>Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5580</td>
<td>PA-40</td>
<td>10</td>
<td>200</td>
<td>110</td>
<td>F</td>
</tr>
<tr>
<td>K5581</td>
<td>PA-41</td>
<td>5-25</td>
<td>200</td>
<td>110</td>
<td>F</td>
</tr>
<tr>
<td>K5582</td>
<td>PA-42</td>
<td>25-50</td>
<td>200</td>
<td>110</td>
<td>F</td>
</tr>
<tr>
<td>K5583</td>
<td>PA-46</td>
<td>60</td>
<td>25</td>
<td>450</td>
<td>H</td>
</tr>
<tr>
<td>K5584</td>
<td>PA-100</td>
<td>100</td>
<td>30</td>
<td>450</td>
<td>H</td>
</tr>
<tr>
<td>K5725</td>
<td>PA-35C</td>
<td>100</td>
<td>50</td>
<td>520</td>
<td>F</td>
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</table>

Line Varimatch Transformers

Match any voice coil or group of voice coils to 50,000 ohms input impedance. Will match 1 to 5000 to 50,000 ohms output of amplifier.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Type</th>
<th>Application</th>
<th>Case</th>
<th>Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K539-1</td>
<td>100,000/0000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
<tr>
<td>K539-2</td>
<td>3000/3000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
<tr>
<td>K539-3</td>
<td>6000/6000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
<tr>
<td>K539-4</td>
<td>12000/12000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
</tr>
</tbody>
</table>

Ultra-Compact Audios
Compact high fidelity units having frequency range from 30 or 20,000 c.p.s., with threaded inserts for mounting. Net wt. 6 oz. Shipped wt. 1 lb. each.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Type</th>
<th>Impedance</th>
<th>Primary</th>
<th>Secondary</th>
<th>Your</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K539-1</td>
<td>100,000/0000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K539-2</td>
<td>3000/3000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K539-3</td>
<td>6000/6000</td>
<td>6A9, 6A9G</td>
<td>F</td>
<td>5</td>
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<td></td>
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</tbody>
</table>

Hiperim Alloy Units
Compact units with high permeability nickel iron cores. Uniform range from 30 to 20,000 c.p.s. Hum balanced coils, electrostatic shields. Threaded inserts for mounting. All 12V. Each wt. lbs. Each.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Type</th>
<th>Case</th>
<th>Lbs.</th>
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<tbody>
<tr>
<td>HA100</td>
<td>Low Impedance</td>
<td>100 Ohms</td>
<td>HA100</td>
</tr>
<tr>
<td>HA100X</td>
<td>Same as Above</td>
<td>100 Ohms</td>
<td>HA100X</td>
</tr>
<tr>
<td>HA105</td>
<td>High Impedance</td>
<td>500 Ohms</td>
<td>HA105</td>
</tr>
<tr>
<td>HA105</td>
<td>Same as Above</td>
<td>500 Ohms</td>
<td>HA105</td>
</tr>
<tr>
<td>HA113</td>
<td>Single Plate to Single Plate</td>
<td>Primary 60, 125, 200, 250, 333, 500 ohms;</td>
<td>HA113</td>
</tr>
</tbody>
</table>
VARIATAP 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. Standard stock unit to cover all needs. 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. Unit is finished in black. 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. 12 provides either ONE of the voltages shown

Universal Mounting Transformers (type A)

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>High Volt.</th>
<th>Reel.</th>
<th>Fil. No.</th>
<th>Fil. No. 2</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>5902</td>
<td>R-1</td>
<td>600 @ 50</td>
<td>5 @ 2</td>
<td>6.36 4</td>
<td>8 @ 2</td>
<td>258.90</td>
</tr>
<tr>
<td>5902</td>
<td>R-2</td>
<td>700 @ 70</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>5 @ 2</td>
<td>176.00</td>
</tr>
<tr>
<td>5901</td>
<td>R-3</td>
<td>700 @ 95</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>25 @ 2</td>
<td>235.00</td>
</tr>
<tr>
<td>5904</td>
<td>R-4</td>
<td>170 @ 120</td>
<td>6 @ 4</td>
<td>6.36 4</td>
<td>25 @ 2</td>
<td>294.00</td>
</tr>
<tr>
<td>5905</td>
<td>R-5</td>
<td>700 @ 180</td>
<td>6 @ 4</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>333.00</td>
</tr>
</tbody>
</table>

Vertical Shielded Transformers (type B)

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>High Volt.</th>
<th>Reel.</th>
<th>Fil. No.</th>
<th>Fil. No. 2</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>5954</td>
<td>R-5</td>
<td>600 @ 50</td>
<td>5 @ 2</td>
<td>6.36 2</td>
<td>25 @ 2</td>
<td>162.00</td>
</tr>
<tr>
<td>5911</td>
<td>R-11</td>
<td>700 @ 75</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>88.00</td>
</tr>
<tr>
<td>5912</td>
<td>R-12</td>
<td>700 @ 100</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>25 @ 2</td>
<td>109.00</td>
</tr>
<tr>
<td>5913</td>
<td>R-13</td>
<td>850 @ 200</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>44.00</td>
</tr>
</tbody>
</table>

Flash Mounting Transformers (type C)

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>High Volt.</th>
<th>Reel.</th>
<th>Fil. No.</th>
<th>Fil. No. 2</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>5906</td>
<td>R-6</td>
<td>600 @ 50</td>
<td>5 @ 2</td>
<td>6.36 2</td>
<td>6 @ 2</td>
<td>147.00</td>
</tr>
<tr>
<td>5907</td>
<td>R-7</td>
<td>700 @ 75</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>91.00</td>
</tr>
<tr>
<td>5908</td>
<td>R-8</td>
<td>750 @ 100</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>50.00</td>
</tr>
<tr>
<td>5909</td>
<td>R-9</td>
<td>800 @ 125</td>
<td>6 @ 3</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>32.90</td>
</tr>
<tr>
<td>5910</td>
<td>R-10</td>
<td>1000 @ 200</td>
<td>6 @ 4</td>
<td>6.36 4</td>
<td>6 @ 2</td>
<td>92.00</td>
</tr>
</tbody>
</table>

NOTE: All high voltage and filament windings are center-tapped. Primaries for 115 v., 50-60 cycles A.C. Dimensional Weighting of All Units

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K713</td>
<td>V-0</td>
<td>3 x $1</td>
</tr>
<tr>
<td>K714</td>
<td>V-0</td>
<td>3 x $2</td>
</tr>
<tr>
<td>K715</td>
<td>V-0</td>
<td>3 x $3</td>
</tr>
<tr>
<td>K716</td>
<td>V-0</td>
<td>3 x $4</td>
</tr>
<tr>
<td>K717</td>
<td>V-0</td>
<td>3 x $5</td>
</tr>
</tbody>
</table>

All except V-1 available for 220 volts write for prices.

U.S. Replacement Transformers

NEW! Tropic Sealed Channel Frame Audios

An exceptionally designed series of channel frame TROPICAL WETPROOF audios. In addition to the high frequency coils, all coils are vacuum-pressure treated followed after manufacture with U.S. TOP PROOF to prevent moisture absorption. All have black enamel finish, and have long insulated leads. Average ship wt. each, 2 lbs.

Audio Transformers

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Description of Unit</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5933</td>
<td>R-33</td>
<td>1 Plate to 1 Grid</td>
<td>$0.71</td>
</tr>
<tr>
<td>K5934</td>
<td>R-34</td>
<td>1 Plate to 2 Grids</td>
<td>$0.73</td>
</tr>
<tr>
<td>K5935</td>
<td>R-35</td>
<td>2 Plate to 1 Grid</td>
<td>$0.75</td>
</tr>
<tr>
<td>K5936</td>
<td>R-36</td>
<td>2 Plate to 2 Grids</td>
<td>$0.78</td>
</tr>
<tr>
<td>K5937</td>
<td>R-37</td>
<td>3 Plate to 1 Grid</td>
<td>$0.80</td>
</tr>
<tr>
<td>K5938</td>
<td>R-38</td>
<td>3 Plate to 2, 3 Grids</td>
<td>$0.80</td>
</tr>
</tbody>
</table>

Filament Transformers (115 V. Pri.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5955</td>
<td>R-35</td>
<td>3 Plate to 1 Grid</td>
</tr>
<tr>
<td>K5956</td>
<td>R-36</td>
<td>4 Plate to 2 Grids</td>
</tr>
<tr>
<td>K5957</td>
<td>R-37</td>
<td>5 Plate to 3 Grids</td>
</tr>
</tbody>
</table>

Filter and Audio Chokes

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5955</td>
<td>R-35</td>
<td>3 Plate to 1 Grid</td>
</tr>
<tr>
<td>K5956</td>
<td>R-36</td>
<td>4 Plate to 2 Grids</td>
</tr>
<tr>
<td>K5957</td>
<td>R-37</td>
<td>5 Plate to 3 Grids</td>
</tr>
</tbody>
</table>

Filtering Dimensions of the Same Units

<table>
<thead>
<tr>
<th>Type A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
</tr>
<tr>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
<td>5000-Watt Output</td>
</tr>
</tbody>
</table>

VARIATAP Universal Mounting Audio Transformers

VARIATAP audiophiles appreciate the ease in replacement of transformers. The double shells and universal mounting brackets are nished in high lustre brass. All mounting positions incorporate a special bracket for maximum rigidity. All coils are well shielded, and have tropical wetproof impregnation. Dimensions: Type A—$3.5 x 2.15 x 1.15". Type B—$3.5 x 2.15 x 1.15". Ship wt. each, 4 lbs.

Universal VARITRANS

Similar to the standard VARITRANS, but can be used for any type of transformers. Connections of the 4 terminals may be used as two, three, or four terminals. All units shown below for 115 volt input

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>K729</td>
<td>VL-0</td>
<td>1.5</td>
</tr>
<tr>
<td>K730</td>
<td>VL-1</td>
<td>3.6</td>
</tr>
<tr>
<td>K732</td>
<td>VL-2</td>
<td>3.6</td>
</tr>
</tbody>
</table>

Perfect Merchandise Prompt Shipment Personal Service

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### Exact Duplicate AUDIOS and CHOKES for STANDARD RECEIVERS

**Manufacturer** | Model and Type | No. | Each
--- | --- | --- | ---
**Airline** | 62-101, 62-205; Input | K2247 | 5.15
- **Atwater-Kent** 55, 65C, 60, 60C-P. P. Input and Out. | K2247 | 1.89
- **Atwater-Kent** 67-P. P. Audio and P. P. Input | K2247 | 1.49
- **Clarion** A60 Input | K2149 | 1.45
- **Crosley** 69S, 61S, 625, 63S-P. P. Input 32 | K2149 | 1.45
- **Fela** 42, 44, 46, P. P. Output | K1643 | 1.10
- **General Elec.** H11, P. P. Input | K271 | 1.71
- **General Elec.** 608, 60, Input | K271 | 1.71
- **General Elec.** P70, 75, 77, 80, Input | K271 | .77
- **Generals 50's** 150, 110, 150, P. P. Input | K272 | .35
- **Majestic** 70, 90—int Audio | K2490 | 1.10
- **Majestic** 70, 90, 180—P. P. Input | K1738 | 1.00
- **Philo** 20, 220—P. P. Input | K1738 | 1.00
- **Philo** 20, 220—P. P. Output (2-45's) | K1746 | 1.10
- **Philo** 20, 220—Filter Choke | K1735 | .70
- **Philo** 270, 270—Input | K1746 | 1.25
- **Philo** 76, 77—P. P. Output (240'a) | K1746 | 1.10
- **Philo** 90, 90A (4-45's)—P. P. Output | K1750 | .35
- **Philo** 90, 90A (145)—Filter Choke | K1753 | .98
- **Philo** 95, 96, 296—P. P. Output (5-45's) | K1746 | 1.10
- **Philo** 111, 122 (2-45's) —P. P. Output | K1746 | 1.10
- **RCA-Victor** G37, 88, 120, 320; Input | K5675 | .67
- **RCA-Victor** RCA-140, 240, 340; Input | K5676 | .85

---

### Exact Duplicate REPLACEMENT PARTS

| Manufacturer | Model and Type | No. | Each
--- | --- | --- | ---
**Thordarson** | M-34; Intensifier | K2001 | 1.90
- **RCA-Victor** 41, 41L, 240, 340, Driver | K5679 | 1.62
- **RCA-Victor** R32, 41B, R65, R70; Phono Input. | K5683 | 1.85
- **RCA-Victor** R32, R45B, R52, R76—P. P. Input and Output assembly | K1905 | 1.85
- **RCA-Victor** R51, R16, 18, 50, 51—Dual Audio | K2005 | .95
- **RCA-Victor** R57, 22, 18A, 21—6—P. P. Input and Output assembly | K1999 | 1.52
- **RCA-Victor** R74—P. P. Input and Output | K2098 | 1.95
- **Spartron** 650, 930, 931—P. P. Input | K301 | 1.18
- **Street** 930, 931—P. P. Output | K276 | .88
- **Stormberg** 641, 642, 652, 654—Audio | K331 | 1.35
- **Stormberg** 65—P. P. Input | K2375 | 3.95
- **Stormberg** 68—Driver Input | K1813 | .98

---

### R.C.A. Universal Output

| Manufacturer | Model and Type | No. | Each
--- | --- | --- | ---
**RCA-Victor** | R30-46, 50 | K2524 | .88
- **RCA-Victor** K2576—Your Cost | K2525 | .95

---

### 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 quantities of these high quality, low price units.

**Receiver & Cap Stock Your Cost**

**Model and Type Stock Your No. Cost**

---

**LAFAYETTE “P. A.” Audio Transformers**

Employ a high grade of high permeability core material. Each unit individually checked for response and overall permanent.

#### Vertical Section

| Type | Description | No. | Each
--- | --- | --- | ---
**CLASS A OUTPUTS** | All secondary impedances of units listed below tapped at 600, 250, 15, 8, 5, 3 and 1.6 ohms | Part No. | Cost
--- | --- | --- | ---
**K295—Your Cost** | Primary 1000 and 6000 ohms plate to plate. Type B in all. | K501 | 3.50
- **K296—Your Cost** | Primary 5000 ohms plate to plate. (For 61L’s self-bias). 35 watts. | K502 | 4.50
- **K297—Your Cost** | Primary 3800 to 3300 ohms plate to plate (2 61L’s self-bias). 75 watts. | K503 | 5.00
- **K298—Your Cost** | Primary 2000 to 1500 ohms plate to plate. 3000 ohms self bias. | K504 | 6.50
- **K299—Your Cost** | Primary 1000 to 500 ohms plate to plate. | K505 | 8.50

---

### Universal Audio

Fully shielded in black finished metal case, 2 x 2 x 2.5. Suitable for r.f., s.a., a.f. or push-pull amplifiers. For any single triode, single or p. p. (27, 56, 6C3, etc.); secondary for any single or push-pull tubes. Response 30 to 10,000 cps. Shpg. 3 lbs. Price $5.00.

---

We will Not Knowingly Be Undersold.
Output Transformers

K1553 — Output, Single 45 or 6F6 metal Triode type tube to 6-15 ohm voice coil. 65c
K1554 — Output, Push-pull '45s or 6F6 Metal Triode type tubes to 6-15 ohm voice coil. 67c
K1555 — Output, Single Pentode '47 or 6F6 Metal Pentode to a 6-15 ohm voice coil. 65c

Your Cost

K1556 — Output, P.F. Pentodes, 47's, 6F6 metal Pentodes to a 6-15 ohm voice coil. 67c
K1564 — Output, Push-pull, 49's Class B, to a 6-15 ohm voice coil. 1.10
K1566 — Output, Push-pull, 2A3's, to a 6-15 ohm voice coil of dynamic speaker. (14x23x213/4). $1.79

Microphone and Line

K5444 — Single or double button mike to grid 200 ohms each side of center tap. 82c
K5174 — Single plate like 56, 57, 6C5, etc., to 600, 200 or 50 ohm line. 71c
K5176 — Same as above, p.p. plates. 90c
K5176 — 50, 200 or 500 ohm line to grid. 90c

Your Cost, Any Type

K5134 — 5, 10, 15, 20, 25 or 30 ohm dynamic speaker voice coil to 250 or 500 ohm line. $1.48

Special Line Transformer

A special transformer with coil wound on a 1 1/8" core of special high permeability iron. Frequency characteristics exceptionally fine. K1554 — 50-250 ohm line to 3 1/2-4-6-8-10-14-16-22 ohm lines. Size 3" L x 2 1/4" H. x 2 3/4" D. $2.45

Your Cost

Filament Transformers

Stock | Filament | Your Cost
--- | --- | ---
K1277 | 1277 | 49c
K5667 | Medium | 60c
K1535 | Large | 60c

Universal Line To Speaker Transformer

Strap mounting similar to tube transformers, 1500, 1500, or 5000 ohm line to 6 or 8 ohm voice coil. Dimensions: 2 1/2" high, 2 3/4" long (cross ears), 1 1/8" wide. Mounting centers 2 3/8". Shipping weight 2 lbs.

K1536 — Your Cost 69c

Universal Input Xformer

Matched single or p.p. Triodes or Pentodes to a 2 grid. Class A or B, to any voice coil from 1 to 30 ohm. Diagram furnished. Size: 13x11x3 1/4; mounting centers 3/4" to 2". Shpg. wt. 3 lbs.

Your Cost

Universal Audio

Universal mounting: same size as above.

K1779 — Single-plate to single-grid, 3:1. 50c

Your Cost, Either One

2-BUTTON M. T. TRANS.

F. P. Inputs

Fully shielded, lug terminals at bottom. High grade coiled. Toroidal. K1912-

Your Cost 9c

Single-plate, single-grid 3:1. 50c

Cut-outs, lug terminals at bottom. 2x3x1 1/4.

K1536 — Your Cost 95c

Heavy Duty P. A. Choke

For P.A. amplifiers up to 20 watts. 2000 or more d.c. resistance, 125 ma. maximum, 2700 or more a.c. resistance, 3 3/4" diam. Shpg. wt. 2 lbs.

K5638 — Your Cost 85c

Channel Frame Audios

Type 406-400 — Straight audio, ratio 1:3. Size: 2x3x1 1/4. Shpg. wt. 1 lb.

K5433 — Your Cost 94c

Universal Inputs

For use as direct, p.p. input or double p.p. input. 1 1/4x2x2 1/4. Shpg. wt. 1 lb.

K5445 — Your Cost 1.03

Same as above, but with oversize core. 2 3/4x2x2 3/4.

K5435 — Your Cost 1.32

Channel Frame Audios

Type 467-400 — Straight audio, ratio 1:3. Size: 2x3x1 1/4. Shpg. wt. 95c

K5433 — Your Cost 94c

Universal Inputs

For use as direct, p.p. input or double p.p. input. 1 1/4x2x2 1/4. Shpg. wt. 1 lb.

K5445 — Your Cost 1.03

Same as above, but with oversize core. 2 3/4x2x2 3/4.

K5435 — Your Cost 1.32

Channel Frame Audios

Type 467-410 — Straight audio, ratio 1:3. Size: 2x3x1 1/4. Shpg. wt. 95c

K5433 — Your Cost 94c

Universal Inputs

For use as direct, p.p. input or double p.p. input. 1 1/4x2x2 1/4. Shpg. wt. 1 lb.

K5445 — Your Cost 1.03

Same as above, but with oversize core. 2 3/4x2x2 3/4.

K5435 — Your Cost 1.32

Channel Frame Audios

Type 467-410 — Straight audio, ratio 1:3. Size: 2x3x1 1/4. Shpg. wt. 95c

K5433 — Your Cost 94c

Universal Inputs

For use as direct, p.p. input or double p.p. input. 1 1/4x2x2 1/4. Shpg. wt. 1 lb.

K5445 — Your Cost 1.03

Same as above, but with oversize core. 2 3/4x2x2 3/4.

K5435 — Your Cost 1.32

Universal Audio

Universal mounting: same size as above.
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 mig. flange. Wax impregnated containers. Rated 200 working volts d.c. 2 1/8" long. Insulated leads.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Cap. Mfd.</th>
<th>Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3210</td>
<td>4</td>
<td>5 μF</td>
<td>23c</td>
</tr>
<tr>
<td>K3212</td>
<td>6</td>
<td>5 μF</td>
<td>29c</td>
</tr>
<tr>
<td>K3214</td>
<td>12</td>
<td>5 μF</td>
<td>34c</td>
</tr>
<tr>
<td>K3216</td>
<td>25</td>
<td>5 μF</td>
<td>42c</td>
</tr>
<tr>
<td>K3218</td>
<td>40</td>
<td>5 μF</td>
<td>45c</td>
</tr>
</tbody>
</table>

**Small Dry Electrolytics 525 Volt Surge**

450 working volts d.c. Heavy cardboard case. Wax impregnated containers. Insulated leads. 2 1/8" long.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Cap. Mfd.</th>
<th>Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3219</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K3220</td>
<td>4</td>
<td>10 μF</td>
<td>28c</td>
</tr>
<tr>
<td>K3222</td>
<td>6</td>
<td>10 μF</td>
<td>34c</td>
</tr>
<tr>
<td>K3230</td>
<td>12</td>
<td>10 μF</td>
<td>42c</td>
</tr>
<tr>
<td>K3232</td>
<td>16</td>
<td>10 μF</td>
<td>45c</td>
</tr>
<tr>
<td>K3238</td>
<td>50</td>
<td>10 μF</td>
<td>45c</td>
</tr>
<tr>
<td>K3240</td>
<td>100</td>
<td>10 μF</td>
<td>50c</td>
</tr>
</tbody>
</table>

**Inverted Type Wet Electrolytics**

All tubular metal containers are in negative. Excellent power factor and long life. Self-healing, able to withstand voltage overloads without harm. 500 V. peak. Supplied with nut. Spg. wt. each 1 lb.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K491</td>
<td>1</td>
<td>60 μF</td>
</tr>
<tr>
<td>K492</td>
<td>1</td>
<td>100 μF</td>
</tr>
<tr>
<td>K494</td>
<td>1</td>
<td>150 μF</td>
</tr>
<tr>
<td>K496</td>
<td>1</td>
<td>200 μF</td>
</tr>
</tbody>
</table>

**Shielded Paper By-Pass**

Universal mounting types. Hermetically sealed in drawn aluminized paper shield cans.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Wgt. Mfd.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3260</td>
<td>200</td>
<td>12c</td>
</tr>
<tr>
<td>K3261</td>
<td>250</td>
<td>12c</td>
</tr>
<tr>
<td>K3262</td>
<td>300</td>
<td>13c</td>
</tr>
<tr>
<td>K3263</td>
<td>400</td>
<td>15c</td>
</tr>
<tr>
<td>K3264</td>
<td>500</td>
<td>15c</td>
</tr>
<tr>
<td>K3270</td>
<td>1000</td>
<td>20c</td>
</tr>
</tbody>
</table>

**Tubular Cardboard Replacement Units**

Universal replacement dry electrolytic provided with spade lugs for mounting on cardboard boards. All are 1 1/4" in diameter and 5 1/2" high. Spade mounting bolts. Long color coded insulated leads. Ideal for replacement in midgrid radios.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K3365</td>
<td>8-8-10</td>
<td>300-350</td>
<td>54c</td>
</tr>
<tr>
<td>K3371</td>
<td>12-12-15</td>
<td>200-300</td>
<td>54c</td>
</tr>
<tr>
<td>K3372</td>
<td>12-16-20</td>
<td>200-350</td>
<td>75c</td>
</tr>
</tbody>
</table>

**Dry Electrolytic Filter Condensers**

In heavy cardboard containers, with heavy wax impregnation. 525 volt surge, 450 volts d.c. working voltage. Equipped with 6" leads and mig. flanges. Perfectly sealed; moisture proof.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Cap. Mfd.</th>
<th>Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3351</td>
<td>2</td>
<td>3/4&quot;</td>
<td>23c</td>
</tr>
<tr>
<td>K3352</td>
<td>2</td>
<td>1 1/2&quot;</td>
<td>27c</td>
</tr>
<tr>
<td>K3353</td>
<td>4</td>
<td>1 1/2&quot;</td>
<td>34c</td>
</tr>
<tr>
<td>K3354</td>
<td>4</td>
<td>2&quot;</td>
<td>43c</td>
</tr>
</tbody>
</table>

**Dry Electrolytic Cartridge Condensers**

In waxed cardboard containers with metal ends and 2" wire leads. Hermetically sealed in heavy fiber cardboard. In lots of 10, deduct 10%.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd. Size</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3380</td>
<td>6</td>
<td>18-25-40</td>
</tr>
<tr>
<td>K3381</td>
<td>8</td>
<td>10-20-25</td>
</tr>
<tr>
<td>K3382</td>
<td>12</td>
<td>10-25-50</td>
</tr>
<tr>
<td>K3383</td>
<td>16</td>
<td>5-20-40</td>
</tr>
<tr>
<td>K3384</td>
<td>25</td>
<td>5-50</td>
</tr>
<tr>
<td>K3395</td>
<td>35</td>
<td>10-50</td>
</tr>
<tr>
<td>K3397</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>K3398</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>K3399</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>K3402</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>K3405</td>
<td>450</td>
<td>450</td>
</tr>
<tr>
<td>K3406</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>K3407</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>K3408</td>
<td>750</td>
<td>750</td>
</tr>
<tr>
<td>K3409</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>K3410</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>K3411</td>
<td>2000</td>
<td>2000</td>
</tr>
<tr>
<td>K3412</td>
<td>2500</td>
<td>2500</td>
</tr>
</tbody>
</table>

**Dry Electrolytic Cartridge Condensers**

In lots of 10, deduct 10%.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K3385</td>
<td>8-8-10</td>
<td>300-350</td>
<td>54c</td>
</tr>
<tr>
<td>K3386</td>
<td>8-8-12</td>
<td>300-350</td>
<td>54c</td>
</tr>
<tr>
<td>K3387</td>
<td>12-12-15</td>
<td>200-300</td>
<td>54c</td>
</tr>
<tr>
<td>K3388</td>
<td>12-16-20</td>
<td>200-350</td>
<td>75c</td>
</tr>
</tbody>
</table>

**Vapor Condenser**

Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/8"x1 1/4" with the exception of K3246, which is 1 1/8"x1 1/2".

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K3373</td>
<td>0.1</td>
<td>200</td>
<td>6c</td>
</tr>
<tr>
<td>K3374</td>
<td>0.1</td>
<td>250</td>
<td>6c</td>
</tr>
<tr>
<td>K3375</td>
<td>0.2</td>
<td>200</td>
<td>6c</td>
</tr>
<tr>
<td>K3376</td>
<td>0.2</td>
<td>250</td>
<td>6c</td>
</tr>
</tbody>
</table>

**Deduction 10% when ordering in lots of 10 (may be aggregated).**

**Perfect Merchandise - Prompt Shipment - Personal Service**
Dry Electrolytic Cardboard Carton Filters

Compact impregnated cardboard carton units with universal mounting flanges. Insulated leads. Internal metal shield.

- 250 V, w/kg, have 330 V peak; 450 V, w/kg, have 525 V peak.
- Single Sections

No. Mfd. Volts Size Each
K356 25 20 100/25 x .05 4.50
K355 25 20 100/25 x .05 4.50
K354 25 10 100/25 x .05 4.50
K353 25 10 100/25 x .05 4.50
K352 25 10 100/25 x .05 4.50
K351 25 10 100/25 x .05 4.50
K350 25 10 100/25 x .05 4.50
K349 25 10 100/25 x .05 4.50
K348 25 10 100/25 x .05 4.50
K347 25 10 100/25 x .05 4.50

Inverted Can Type Dry Electrolytics

Compact filters in round cans. With 8" color coded leads. Painted and flat washer finish.

Type RS—Single Sections

Stock Cap. W/kg Size Year
K4033 50 25 16 x 1.05 .62
K4037 50 25 16 x 1.05 .62
K4038 50 25 16 x 1.05 .62
K4039 50 25 16 x 1.05 .62
K4040 50 25 16 x 1.05 .62
K4041 50 25 16 x 1.05 .62
K4042 50 25 16 x 1.05 .62
K4043 50 25 16 x 1.05 .62
K4044 50 25 16 x 1.05 .62
K4045 50 25 16 x 1.05 .62

Type RM—Common Negative

K4023 8-8 250 3 x .85 .85
K4024 8-8 250 3 x .85 .85
K4025 8-8 250 3 x .85 .85
K4026 8-8 250 3 x .85 .85

Type RM—Separate Sections

K4020 8-8 250 3 x .85 .85
K4021 8-8 250 3 x .85 .85
K4022 8-8 250 3 x .85 .85
K4023 8-8 250 3 x .85 .85

Wet Electrolytics

Non-forming containers and efficient vents are standard on all types. Can is indication.

No. Mfd. Peak V. Size In. Each
K4098 8 250 1 x .39 .047
K4099 8 250 1 x .39 .047
K4100 8 250 1 x .39 .047
K4101 8 250 1 x .39 .047
K4102 8 250 1 x .39 .047
K4103 8 250 1 x .39 .047
K4104 8 250 1 x .39 .047
K4105 8 250 1 x .39 .047
K4106 8 250 1 x .39 .047
K4107 8 250 1 x .39 .047
K4108 8 250 1 x .39 .047
K4109 8 250 1 x .39 .047
K4110 8 250 1 x .39 .047
K4111 8 250 1 x .39 .047
K4112 8 250 1 x .39 .047
K4113 8 250 1 x .39 .047
K4114 16 600 1 x .18 .18

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 case with lug terminals (screw); improved power factor (up to better filtering); long life, new, improved sealing prevents deterioration due to heat or humidity—yet condenser will vent under overload.

Compact Tubular Cardboard Dry Electrolytics

Ultra compact unit ideal for use in radios, A.C. D.C., or when close tolerance, high output, and small size are essential. Has insulated leads at one end and has universal mounting tabs; Type A has integral lead wires and an adjustable mounting strap; Type B has bare wire leads both ends.

Universal Replacement Dry Electrolytics

Types HS and HD designed for convenience. Inexpensive electrolyte capacitors are employed (P. A, amplifiers, transmitters, etc.). Types SH and HD are designed for replacement dry electrolytic condenser blocks.

Compact Tubular Cardboard Dry Electrolytics

- Can be supplied in any standard size.

Paper Tubulars

- TYPE TP

Oil treated, non-inductive. Wax impregnated and wax filled.

400 Volts (W.K.G.) D.C.

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Each</th>
<th>Mfd.</th>
<th>Each</th>
<th>$/100</th>
</tr>
</thead>
<tbody>
<tr>
<td>32A</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32B</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32C</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32D</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32E</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
</tbody>
</table>

600 Volts (W.K.G.) D.C.

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Each</th>
<th>Mfd.</th>
<th>Each</th>
<th>$/125</th>
</tr>
</thead>
<tbody>
<tr>
<td>32A</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32B</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32C</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32D</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
<tr>
<td>32E</td>
<td>250</td>
<td>125</td>
<td>150</td>
<td>125</td>
<td>.60</td>
</tr>
</tbody>
</table>

Mounting Plates For Above Condensers

<table>
<thead>
<tr>
<th>Mounting Plate</th>
<th>For Type 250/300 Volts, Size</th>
<th>For Type 600 Volts, Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>168</td>
<td>250/300 Volts, 2-1/2 dia.</td>
<td>600 Volts, 2-1/2 dia.</td>
</tr>
<tr>
<td>169</td>
<td>250/300 Volts, 2-1/2 dia.</td>
<td>600 Volts, 2-1/2 dia.</td>
</tr>
<tr>
<td>170</td>
<td>250/300 Volts, 2-1/2 dia.</td>
<td>600 Volts, 2-1/2 dia.</td>
</tr>
<tr>
<td>171</td>
<td>250/300 Volts, 2-1/2 dia.</td>
<td>600 Volts, 2-1/2 dia.</td>
</tr>
<tr>
<td>172</td>
<td>250/300 Volts, 2-1/2 dia.</td>
<td>600 Volts, 2-1/2 dia.</td>
</tr>
</tbody>
</table>

For Type 250/300 Volts, 2-1/2 dia. | For 13/4 dia. cans | C3767B-Bakelite | K3767-Metal | Any Type |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>168</td>
<td>250/300 Volts, 2-1/2 dia.</td>
<td>600 Volts, 2-1/2 dia.</td>
<td>C3767B-Bakelite</td>
</tr>
</tbody>
</table>
WIRE-WOUND POWER RESISTORS

Machine wound on non-hygroscopic cores; protective coating of special cement. Moisture proof.

<table>
<thead>
<tr>
<th>Ohm</th>
<th>$1.00</th>
<th>$2.50</th>
<th>$7.30</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>500</td>
<td>4000</td>
<td>15000</td>
</tr>
<tr>
<td>2</td>
<td>1000</td>
<td>5000</td>
<td>25000</td>
</tr>
<tr>
<td>5</td>
<td>2500</td>
<td>6000</td>
<td>30000</td>
</tr>
<tr>
<td>10</td>
<td>5000</td>
<td>10000</td>
<td>50000</td>
</tr>
<tr>
<td>25</td>
<td>15000</td>
<td>25000</td>
<td>75000</td>
</tr>
<tr>
<td>50</td>
<td>30000</td>
<td>50000</td>
<td>150000</td>
</tr>
<tr>
<td>100</td>
<td>50000</td>
<td>75000</td>
<td>250000</td>
</tr>
</tbody>
</table>

Type “AB” 10-Watt Rating
30,000 ohms and over are 5 watts. 1 1/4" long, 1/4" diam. Range up to 50,000 ohms (see list).

K5210-Your Cost Each $2.4

Type “DG” 20-Watt Rating
60,000 and over 10 watts. 2" long, 1/4" diam. Range up to 100,000 ohms (see list).

K5213-Your Cost Each $3.00

Type “EP” 50-Watt Rating (Max.)
6 1/4" long, 3/8" diam. Range up to 160,000 ohms (see list).

K5214-Your Cost Each 36c

Type “HA” 100-Watt Rating (Max.)
6 1/2" long, 1 1/4" diam. Range up to 100,000 ohms (see list) with asterisk (see list).

K5215-Your Cost Each 50,000 ohms 50.88

Type “HO” 200-Watt Rating (Max.)
10 3/4" long, 1 1/4" diam. Range up to 100,000 ohms (see list) with asterisk (see list).

K5215-Your Cost Each 100,000 ohms 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%.

<table>
<thead>
<tr>
<th>Specified Resistance</th>
<th>Desired Ohms</th>
<th>1</th>
<th>2</th>
<th>5</th>
<th>10</th>
<th>25</th>
<th>50</th>
<th>100</th>
<th>250</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ohms</td>
<td>1</td>
<td>30</td>
<td>40</td>
<td>1250</td>
<td>1500</td>
<td>2500</td>
<td>5000</td>
<td>10000</td>
<td>25000</td>
<td>50000</td>
<td>100000</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>60</td>
<td>80</td>
<td>1500</td>
<td>2000</td>
<td>3000</td>
<td>6000</td>
<td>12500</td>
<td>30000</td>
<td>60000</td>
<td>125000</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>1250</td>
<td>1500</td>
<td>3000</td>
<td>4000</td>
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<td>25000</td>
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<tr>
<td></td>
<td>10</td>
<td>2500</td>
<td>3000</td>
<td>6000</td>
<td>7500</td>
<td>12500</td>
<td>25000</td>
<td>50000</td>
<td>100000</td>
<td>200000</td>
<td>500000</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>6000</td>
<td>7500</td>
<td>15000</td>
<td>18000</td>
<td>30000</td>
<td>60000</td>
<td>125000</td>
<td>250000</td>
<td>500000</td>
<td>1250000</td>
</tr>
</tbody>
</table>

WIRE-WOUND VARIABLE RESISTORS

In 1/2", 1 and 2-Watt Sizes

An all-purpose line of high-quality units for all radio work. Type BT employ the famous metallicized element sheathed in an overall covering of moisture proof phenolic compound. Type F are the original famous Metallicized units house in Insolinate. Both types are non-inductive. Have pig-tail wire leads. Tolerance± 10%.

<table>
<thead>
<tr>
<th>Ohms</th>
<th>Megs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>1.00</td>
</tr>
<tr>
<td>60</td>
<td>1.50</td>
</tr>
<tr>
<td>450</td>
<td>3.00</td>
</tr>
<tr>
<td>2000</td>
<td>6.00</td>
</tr>
<tr>
<td>10000</td>
<td>10.00</td>
</tr>
</tbody>
</table>

Type BT Insulated Resistors
Type F Metallicized Resistors

Specify Resistance Desired When Ordering

FUSED RESISTANCE ANALYZER

A continuously variable calibrated indicator. Range 0 to 1 megohm. Direct current conductive scale. Attractive Bakelite case. Ranges 0-30,000 ohms on wire-wound rheostats to 20 megs. on metallicized element. 4 leads with alligator clips. Mounting flange.

K5273-Your Cost, Shp. wt. 3 lbs. $4.85 Range 0-1 Meg.

Resisto-Cabinet

Given FREE with any of the following resistor kits. Steel, four drawer (7 compartments in each), cabinets 11 1/2x11 1/2x5 1/2.

Kit No. 1

8 type BT-1/2½ watt resistors, 37 type BT-10, 12 type BT-3, 10 type AB 10 watt fixed resistors, 4-type ABA 10 watt adjustable resistors. Total 69 resistors having a list value of $15.16 Cabinet FREE. Shp. wt. 7 lbs.

K5281-Your Cost, Complete $8.91

Kit No. 2

This kit includes 100 type BT-½ watt resistors in the most used sizes. Catalog Fit No. List value of resistors $17.00.

K5290-Your Cost, Complete $9.80

Kit No. 3

Includes R3 BT-1/2½ watt resistors plus FREE cabinet.

K5282-List Value $16.60. Your Cost, Complete $9.76

PRECISION WIRE WOUND RESISTORS

WW-1—2½x1 1/4" WW-2—2½x1 3/4"

Guaranteed accuracy 1%. These resistors are non-inductive wound. Winding is specially impregnated. Type WW-1 and WW-2 have ferrules with binding post terminals.

K5283-2 000,000 ohms Harsh environment units.

Type WW-4

Stock No. Year Stock No. Year Stock No. Year

K5126 200  K5129 200  K5132 200  K5128 200  K5130 200  K5131 200  K5134 200  K5135 200

$9.00  $9.00  $9.00  $9.00  $9.00  $9.00  $9.00  $9.00

Type WW-1

Stock No. Year Stock No. Year Stock No. Year

K5150 1  K5159 200  K5168 200  K5163 200  K5164 200  K5165 200  K5167 200  K5168 200

$10.00  $10.00  $10.00  $10.00  $10.00  $10.00  $10.00  $10.00

Type WW-2

Stock No. Year Stock No. Year Stock No. Year

K5193 200 000  K5202 115  K5203 115  K5194 115  K5195 115  K5196 115

$4.10  $4.10  $4.10  $4.10  $4.10  $4.10

Specifying Resistors

Type “BA” 10-Watts
1 1/4" long. Range up to 10,000 ohms. See list above.

K5274-Your Cost Each 35c

Type “DAH” 25-Watts
2 1/8" long. Range up to 25,000 ohms. See list above.

K5275-Your Cost Each 6c

Type “HOA” 200-Watts
10 1/16" long. In sizes marked by asterisk in list above.

K5276-Your Cost Each 9c

Type “EPA” 50-Watts
4 1/8" long. In sizes up to 100,000 ohms. See list above.

K5277-Your Cost Each 12c

Extra Sliders
Sliders to fit both 50 and 80-watt resistors.

K5278-Your Cost Each 6c

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
**Vitreous Enamel RESISTORS**

1. **Tolerance Within 2%**
   - These TruTest resistors are wound with genuine nichrome wire on fine ceramic tubing.
   - Guaranteed accuracy ±2%, most are within 1% of their rated value. When ordering, specify size desired.
   - Ohms
     - 5 to 50: 250, 500, 1000, 2000, 5000, 10,000, 50,000, 100,000, 500,000
   - 500 to 10000: 2500, 5000, 10,000, 50,000, 100,000, 500,000
   - 10000: 100,000, 500,000

2. **SPRAGUE “Koolohm” Resistors**
   - Sprague Koolohm resistors are available in 5 watts and 10 watts with a tolerance of ±1/4%.
   - Non-inductive types are available in 5 watts, 10 watts, and 25 watts with a tolerance of ±1/4%.
   - Inductive types are available in 25 watts and 50 watts with a tolerance of ±1/4%.

3. **Standard Fixed Type**
   - Standard Adjustable Resistors
   - 10 Watt 11/4 times
   - Non-Inductive Fixed Resistors
   - 10 Watt 11/4 times
   - Stock No. 2516
   - Your Cost Each
   - $1.49

4. **Sprague Koolohm Resistors**
   - Guaranteed plus or minus 10%.
   - Non-dissipative heat rapidly, have positive lug contacts and do not change in resistance value. Each marked for resistance value.

5. **TruTest 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 can be used without shorting over much resistance. Each unit equipped with one slip-ring contact and bracket.
   - Vitreous enamel coating.

6. **25 Watts (22)%**
   - 50 Watts (44)%
   - 80 Watts (6)%
   - K0740 1  K0770 100  K0800 100  K0870 100
   - K0747 1  K0772 30  K0807 30  K0872 30
   - K0743 5  K0773 40  K0803 40  K0873 40
   - K0745 20  K0775 80  K0805 80  K0875 80
   - K0747 100  K0776 100  K0806 100  K0876 100
   - K0748 200  K0778 200  K0808 200  K0878 200
   - K0750 250  K0780 250  K0810 250  K0880 250
   - K0752 300  K0782 300  K0812 300  K0882 300
   - K0754 400  K0784 400  K0814 400  K0884 400
   - K0756 500  K0786 500  K0816 500  K0886 500
   - K0758 600  K0788 600  K0818 600  K0888 600

7. **TruTest Ohm Indicator**
   - Ideal service men’s tool for determining replacement value for burned out resistors. Wire wound on a vitreous enameled ISOLANT tube and contains two binding posts for connection to circuit and test connections. 2000 ohm. Specify resistance desired.
   - K3999—10 For 72e
   - Your Cost Each 8e
   - WITHOUT CENTER TAP
   - For filament circuits. Available in 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 40, 50, 60, 70, and 80 ohm values. Specify resistance in ohms.
   - K3997—10 For 63c. Your Cost Each 7e
   - IRC Ultra High Range Resistors
   - Tolerance 20%. No surface leakage. Metalized ends for improved insulation. 11/4 times. Stock No. 500
   - K5116—100 Meg...1.00
   - K5128—600 Meg...2.00

8. **TruTest Fil. and C. T. Resistors**
   - With Center Tap
   - Dependable wire wound units, accurately tapered and centered. Use for substitution on circuit boards, plow terminals and mounting feet.
   - Available in 20, 30, 40, 50, 60, 70, and 80 ohm values. Specify resistance desired.
   - K3986—10 For 72e
   - Your Cost Each 8e
   - 5-Watt ZIPOHM Wire-Wound Resistors
   - Ideal for replacement work. They are flat, lightweight, and have a thin 0.008” X 0.001” stranded lead. Element covered by high-temperature electric cement. Size: under 10,000 ohm, 13/16”, above 10,000 ohms, 23/32”. Resistance values stamped on units. Available in following ohmages:
     - 500 2000 5000 10,000
     - 150 750 1500 3000
     - 200 1000 2000 4000
     - 300 1500 3000 6000
     - 400 2000 4000 8000
     - 500 2500 5000 10,000

**PRICES SUBJECT TO CHANGE...WITHOUT NOTICE**
Trupest 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% or average ±%. Ideal for compact wiring of resistors. Insulation permits resistors to touch each other without shorting. This allows a simple construction utilizing high density parts and a convenient horizontal mounting.

Power Clarostats

Heavy duty variable resistors suitable for use by experimenters, radio operators, men, industrial electronic enthusiasts, etc.

Power Clarostats will handle 50 watts continuously. Super Power units handle 100 watts. Resistance material - heavy carbon. Construction, adjustment, etc., are identical in each range. Both single hole mounting. With knob.

Bradley 75 Watt Radiostat

For radio transmitters and industrial uses. Resistance values range from 4 to 1650 ohms. Regular transformers rated 500 watts or more. With 5 hole panel mount. ¾" x 7½" long. Shipped wt. 5 lbs. D14128 Your Cost $4.22

OMHITR Train Controls

MT-16 Rhestat. Patents pending complete control of "HiT" model trains; reverse, stop, speed, etc. All porcelain construction, smooth, silent operation. Fully insulated on all live parts. Supplied with complete instructions for wiring and operation. Shipped wt. 1 lb. K2933 Your Cost $3.85

Model MT-14. For controlling model O gauge trains. With complete instruction for wiring. Shipped wt. 2 lbs. K2826 Your Cost $3.25

NOTE: We can supply all types of voltage dividers not listed above at very special prices. Specify make, model, resistance, etc.

Trupest 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 variation is within 0.5%. Resistances values will not vary at normal voltage. Ideal for replacement across small voltage divider sections, block, etc., Also, for public address amplifiers and for test instrument replacement. Size 2"L x 3/4" D.D.

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Your Cost Each

Per 1005.20 Per 50012.50

FREE! RMA RESISTOR COLOR CODE CHART.

With every purchase of 3 or more Trupest carbon resistors, a pocket size RMA color code chart is offered FREE. Specify on order.

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 in diameter. Shaft 5 x 5/8". Length 12". Capacity 25 to 50 watts. 1/2"; 30 watts. 1/4"; 75 watts. 1/2". All are designed to work at high temperatures without damage.

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Your Cost Each

$1.18

50-Watt Units

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<tr>
<td>10,000</td>
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Your Cost Each

$1.47

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 micro-insulation; adequate spacing of parts. Resistant to moisture, dust, and mechanical strain. Frame and core insulated with treated asbestos. Wire wound. Single hole mounting. Knob supplied. All in diameter. Shaft 8 x 3/16". Length 12". Capacity 25 to 50 watts. 1/2"; 30 watts. 1/4"; 75 watts. 1/2". All are designed to work at high temperatures without damage.

<table>
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Your Cost Each

$1.76
UNIVERSAL SINGLE CONTROLS
Furnished with 3" aluminum shaft (jutted), standard bushing, coverplate, and where necessary, the adjustable bias plate.

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<thead>
<tr>
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<th>Type Res.</th>
<th>Taper</th>
<th>Stock No.</th>
<th>Type Res.</th>
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<td>K6713 HI*</td>
<td>WW</td>
<td>15000 VI</td>
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<td>WW</td>
<td>5 IV</td>
<td>K6714 HI*</td>
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Control Switches

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<tr>
<th>Stock No.</th>
<th>No. Type</th>
<th>6 S.F.P.T.</th>
<th>Your Cost Each</th>
<th>Any Above Controls</th>
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<td>23c</td>
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<td>21c</td>
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Extension Shafts

YAXLEY RHEOSTATS AND POTENTIOMETERS

Type C—2 Watts
Compact series of controls ideal for use where space is limited. Contact arm is ground to the shaft. Diameter 1/8", 3/4" shaft, is 44c.

**RHEOSTATS**

<table>
<thead>
<tr>
<th>No. Ohms</th>
<th>No. K2013 30 Ohms</th>
<th>70</th>
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<tbody>
<tr>
<td>K6311</td>
<td>6 W. 2013 30 Ohms</td>
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</tr>
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<td>K6313</td>
<td>10 W. 2015 40 Ohms</td>
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<tr>
<td>K6314</td>
<td>100 W. 2050 100 Ohms</td>
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<tr>
<td>K6315</td>
<td>1000 W. 2080 1000 Ohms</td>
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**POTENTIOMETERS**

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<tr>
<td>K2026</td>
<td>15 W. 2070 30 Ohms</td>
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<td>K2027</td>
<td>20 W. 2080 1000 Ohms</td>
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<tr>
<td>K2030</td>
<td>30 W. 2080 40 Ohms</td>
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**Your Cost Each, $44**

YAXLEY "T" and "L" Pads

Specially designed to provide a convenient and simple method of controlling the level of low impedance audio circuits, and for volume control of microphones, electronic photographe...
YAXLEY Midget Controls and Accessories

Midget Controls

Ultra-compact controls featuring noiseless composition elements, tamperproof switch-ers, standard or plug-in type shafts. Type MR units have 3" shafts, milled to entire length and furnished with plastic caps for safety and type knobs; Type UM have special shafts that will take any one of the 17 different types of plug-in shafts listed below. All 3/16" thick, 1/8" diameter.

<table>
<thead>
<tr>
<th>Type MR Controls</th>
<th>Your Cost Each, Any Size.</th>
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</thead>
<tbody>
<tr>
<td>Type UM Controls (less Shaft)</td>
<td>Your Cost Each, Any Type Below</td>
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</tbody>
</table>

**"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 types of plug-in shafts.

| Type UM | Your Cost Each, Any Type Below |

**EXPLANATION OF YAXLEY TAPERS**

(1) - Antenna shunt or audio tap. (2) - Chrome-plated or silver. (3) - Modified linear "taper." (4) - Linear "taper." (5) - Special for tapped units. (6) - Like (1) for tapped controls. (7) - Special for "CS" standard controls. (8) - All are linear or "A" taper, except as noted.

**PLUG-IN SHAFTS**

17 types fit all UM and TM midget controls. Adapt controls use with practically all modern auto and home receivers.

** Type "D" Midgets**

Same features as "CS" (at right), but smaller. Case diam. 1/4" depth 0.565, diameter 0.290. Type "B" shaft must be ordered separately. Letter "A" special for tap listed under "UM" controls.

| Type "B" Shaft | Your Cost Each, Any Type |

**"CS" Standard Controls**

Metalized element on bakelite base; multi-contact contact arm; silent push button; steel coil spring at that washer on shaft. Shaft 1 3/4" long, milled. 3/16" bushing, 0.615 as follows: A - Uniform; B - Tone Control for Audio; C - Antenna Shunt or Audio; D - Antenna and "C" Bias; E - "C" Bias; F - Antenna Bias; H - Tapped, Tone Compensation. Units supplied with astrolite include 300 ohm bias resistor.

| Type "CS" | Your Cost Each, Any Type |

**"W" Wire Wound Volume Controls**

All rated at 2 watts. Less switch, but switch cover can be ordered. All are linear or "A" taper.

| Type "W" | Your Cost Each, Any Type |

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*NEW MALLORY ENCYCLOPEDIA NOW 75¢ (SEE PAGE 100)*
<table>
<thead>
<tr>
<th>Stock CRL</th>
<th>Ohms</th>
<th>CRL</th>
<th>Ohms</th>
<th>CRL</th>
<th>Ohms</th>
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**Wire Wound Resistors**

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**Twin Replacement Resistors**

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**Switch Cover Plates**

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**Centralab Midget Indicators**

A line of general purpose volume controls for replacement purposes and for use in the home. Features include: extra hard composition element, multi-point weight contacts, correct, abrasive tapes. In metal housing. Have %" shaft 1/4" long. Bushing 5/32" diam. Switch coverplate fit all. Tapers indicated below are: A - Antenna Shunt, AC- "A" Bias; SV - Screen Voltage; AS - Audio Shunt; T - Tone Control.

- **Your Cost Each:**
  - **28c**

**Truetr-Taper Volume Controls**

- **Your Cost Each:**
  - **$5.00**

**RCA-Volume Controls**

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<th>CRL</th>
<th>Ohms</th>
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</thead>
<tbody>
<tr>
<td>Stock CRL</td>
<td>Ohms</td>
<td>CRL</td>
<td>Ohms</td>
<td>CRL</td>
<td>Ohms</td>
</tr>
</tbody>
</table>

**Genuine RCA Volume Controls**

- **Your Cost Each:**
  - **$1.39**

**LUTA-Carter Wire Wound Controls**

- **Your Cost Each:**
  - **$7.30**

**Utah-Carter Wire Wound Midget Controls**

- **Your Cost Each:**
  - **$6.00**

**“Baby” Volume Controls**

- **Your Cost Each:**
  - **$9.25**

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**Standard Size**

Noted for their noise-less life these famous controls employ a patented non-vibrating contact arrangement. A highly polished metal band is pressed into contact with the arm strip by the rotating arm. Contact between the arm strip and the band is by means of an oil-treated wood button that is absolutely noiseless and perfectly smooth in operation. Control dimensions: Diameter - 1 1/16"; Depth - 1/2"; Shaft length - 2 1/2". Diameter of bushing 1/8". Shaft is milled flat. Listing below includes 40 or 30 controls less than 75 ohms. Numbers after the same are the same except for prefix number which is "62" in place of "72"; "62" in place of "79" and "99" in place of "79." These numbers are given for your convenience and to assist you in obtaining the exact control you need, as listed in CRL Guide. Tapers are indicated as follows:

- A - Antenna Shunt & "A" Bias
- SV - Screen Voltage
- AS - Audio Shunt
- T - Tone Control
- GT - Audio Grid or Tone Control
- P - Series in R.F. Plate

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**Wire Wound Resistors**

- **List Price $1.50**
- **Your Cost $ .80**

**Twin Replacement Resistors**

- **List Price $2.50**
- **Your Cost $ 1.47**

**Switch Cover Plates**

- **Open at clockwise position**
- **With dummy lug**

---

**Centralab Midget Indicators**

Small diameter controls for use in audio set radios or in multi-tube radiograms. In metal cabinet, all potentiometer type, with insulated terminals. Diameter, less leads, 1 1/4" long; shaft centre length. Separate switches easy to install. Same tapper symbols as shown with standard resistors above. CRL Guide numbers given below are less switch - CRL Guide numbers given below have prefix "N." Stock CRL Ohms stock CRL Ohms stock CRL Ohms stock CRL Ohms

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**Switches cannot be used**

- **Open at clockwise position**
- **With dummy lug**

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**A Free Copy of the extremely valuable CRL Volume Control Guide is issued with every control. 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.
YAXLEY Midget Jacks

Extremely compact. Mount in 1/4" hole. Type A-1 "Infant" jack is not illustr.

No. Part Type Each
K642 A-1 Open Circuit 15c
K643 A-2 Circuit Closing 22c
K644 A-2A Two Circuit 25c
K645 A-3A Circuit Reversing 35c

YAXLEY Junior Jacks

Compact, extend only 1/8" behind the panel. Heavily plated springs.

No. 701. Open Circuit 23c
K6405 — Your Cost
K6451 — No. 702. Circuit closing.
K6452 — No. 703. Three gang microphone.

Your Cost, Either Type. 32c
K6453 — No. 704. Intergate.
K6454 — No. 706. Interfaced filament control.
K6448 — Your Cost

YAXLEY Junior Jack Switches

Furnished with round, black knob; on-off-on type. Mounts in 1/4" hole, up to 1/4" thick. 1/8" wide.

Two Position Switches

No Part Type Each
K6470 720 S.P. .09
K6471 780 S.P.D.T. .50
K6472 740 D.P.S.T. .56
K6473 745 3-Switching .75
K6474 760 D.P.S.T. .73
K6475 723 3-Pole .70
K6469 744 4-P.S.T. .94

Three Position Switches (Center Position Off)

K6440 732 S.P.D.T. .50
K6442 762 D.P.S.T. .53
K6443 763 3-Pole .91
K6444 764 4-P.S.T. 1.15

YAXLEY Push Button Switches

Non-Locking

Furnished with black knob.

Make before break.

Your Cost, Either Type
K6465 — No. 2006. 15c
K6466 — No. 2005. 20c

YAXLEY Gang Switches

Contact members are heavily silver plated, and given a smooth hard finish. Contact shock of the self-cleaning type. No leads of silver alloy. All switches are provided with one permanent stop and one adjustable stop. Bushings 3/16", and extend 3/16". Pointer type, Bakelite knob supplied.

SINGLE GANG SWITCHES

- Total No. Stock No. Stock No. Circuits Points
K6247 K6263 1 1 to 6 points $0.59
K6248 K6264 1 1 to 6 points .68
K6249 K6265 2 1 to 6 points each .73
K6250 K6266 3 1 to 6 points each .79
K6251 K6267 4 1 to 6 points each .85

TWO GANG SWITCHES

- Total No. Stock No. Stock No. Circuits Points
K6252 K6268 2 1 to 6 points each .94
K6253 K6263 2 1 to 6 points each 1.01
K6254 K6264 3 1 to 6 points each 1.18
K6255 K6265 4 1 to 6 points each 1.32
K6256 K6266 5 1 to 6 points each 1.47

THREE GANG SWITCHES

- Total No. Stock No. Stock No. Circuits Points
K6257 K6273 3 1 to 6 points each 1.29
K6258 K6274 3 1 to 6 points each 1.38
K6259 K6275 4 1 to 6 points each 1.47

FOUR GANG SWITCHES

- Total No. Stock No. Stock No. Circuits Points
K6260 K6276 4 1 to 6 points each 1.62
K6261 K6277 5 1 to 6 points each 1.76
K6262 K6278 6 1 to 6 points each 2.06

FIVE GANG SWITCHES

- Total No. Stock No. Stock No. Circuits Points
K6279 K6280 5 1 to 6 points each 2.20
K6281 K6282 6 1 to 6 points each 2.70

SIX GANG SWITCHES

- Total No. Stock No. Stock No. Circuits Points
K6283 K6284 6 1 to 6 points each 2.59
K6285 K6286 12 1 to 6 points each 3.29

YAXLEY Ceramic "Hamband" Switches

No. Ganges Circuits Each
K6462 1 1 Point $1.00
K6463 2 1 Point .59
K6464 3 1 Point .59
K6465 4 1 Point .28
K6466 5 1 Point .59

YAXLEY Special

No. 1511: 2-gang, 5 circuit switch; 1/4" spacing between gangs; For "Ham" xmitter meter circuits. 1500 v.d.c. With bar knob and hardware.

$1.06

YAXLEY Etched Plates

Hard aluminum with numbers etched in white. Fit 3/16" bushings. Plates with one-off center bore. Use for use with switches. Order for use with step type controls.

No. Marking
K6221 1 to 2 K6243 1 to 15
K6225 1 to 5 K6247 15 to 30
K6227 1 to 6 K6227 30 to 40
K6229 1 to 7 K6238 40 to 60
K6230 1 to 8 K6239 60 to 80
K6232 1 to 10 K6241 80 to 100
K6242 1 to 12 K6242 100 to 120

Any Type, Your Cost
K6223 — Marked "0-100." Each 15c

Push-Button Switches

Type 2190: New series for use in test instruments, meter switching circuits, etc. Circuit trans. non-shorting type; each button provides d.p.d.t. action. Heavy contact construction. With or without bakelite knobs, blank inserts and transparent strip. For windows. Button Size: 7/16". Each

K6615 4 2 lbs. $2.35
K6616 6 3 lbs. 2.34
K6617 8 3 lbs. 2.53

MALLORY BIAS CELLS

1 and 1/4 volt tubes. Cannot be used with a bias transformer. Our cells are not to be used for biasing power tubes.

K6419 1 volt.
K6424—1/4 volt. Each

$18c

Holders Only For Above
K6420 For 1 cell. 6c
K6423 For 2 cells. 15c
K6424 For 4 cells. 21c

Round Head Jacks

Compact type. Insulated round headed. Panels up to 3/4" thick.

K6533 Red Each
K6535 Black Each
K6536 Yellow Each
K6537—1/8" Head. Per Pair, 1-red, 1-black
K6538—Your Cost Each

$15c

Insulated Tip Jack

No. 46—Bakelite. Phone tips next the way in jack. Mount in a 1/8" hole.

K6535 Red Each
K6539 Green Each
K6536 Black Each
K6467—Your Cost Each

$15c

Molded Twin Jacks

Shorting Type. Circuit is closed when the tips are removed, Red or Black.

Specify color. 10 for $0.50 each.

We can supply any Yaxley products not listed here at a discount of 40% and 2% from list.

"3100" Series Single-Gang Tap and Circuit Selector Switches

Suitable for use in many types of test circuits. 2" notched shafts, 1/4" diam. With bakelite knob and mounting nut. 1/4" bushings. Same features as gang switches. * Have adjustable type. 

Circuit No. of Contacts Per Base Cost
K6477 One 5 .45
K6478 Two 12 .44
K6879 Three 19 .44
K6900 Four 26 .44
K6891 Five 33 .44
K6890 Two 6 .44
K6892 Three 12 .44
K6893 Four 19 .44
K6894 Five 26 .44
K6895 Six 31 .44

YAXLEY CERAMIC PRODUCTS

NEW MALLORY ENCYCLOPEDIA NOW 75c (SEE PAGE 100)
Interference Eliminators & Locators

Cornell-Dubilier Qui-tone Filters
A TYPE FOR USE ON EACH MACHINE
Each have plug end and receptacle, for connecting between noisy device and line.
For These Use For Those Use
Adding Machines IF-18 Dishwashers IF-19
Addressing Machines IF-18 Drink Mixers IF-19
Building Machines IF-18 File Mixers IF-19
Dental Machines IF-19 Food Mixers IF-19
Drilling Machines IF-19 Fans IF-20
Rewiring Machines IF-19 Heating Pads IF-20
Washing Machines IF-19 Juke Extractors IF-20
Air Conditioning IF-20 Radios IF-20
Auto Call Systems IF-20 Refrigerators IF-20
Butter Clipper IF-20 Cash Registers IF-20
Cash Registers If Available in Ivory or Walnut. Specify color.
For 110 V, 8 A. max.
K12495 - Your Cost Each ........................................... 73¢

SPRAGUE Interference Units
Interference Locator
Specially designed, supersensitive receiver with built-in high directionals for complete interference, even on a shoestring budget.
K12723 - Your Cost ................................................. 40$87

Master Interference Analyzer
Device for determining exact inductance and capacity required for removing interference from any electrical apparatus.
K12724 - Your Cost ................................................. 2346$4

SPRAGUE Interference Eliminators
Designed for direct application to interfering device. Use Locators and Analyzers for trouble shooting reduce 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: 2x4x1 1/8" dia. 73c
K12444 - Your Cost ................................................. 73¢
F-25. Double-section Filter. Can size: 3x5 1/8 x 1 1/4 dia. 1.32$6
K12446 - Your Cost ................................................. 1.32$6
F-26. Single-section Filter. Size: 1x4 1/8 x 1 1/4 dia. 38¢
K12448 - Your Cost ................................................. 38¢
F-90. Hi-capacity, single-section Filter. 3x4 1/4x1 1/4 dia. 2118$7
K12447 - Your Cost ................................................. 2118$7
F-11. Dual-section Filter, capacity. Can size: 1x4 1/4 x 1 1/4 dia. 1.69$9
K12438 - Your Cost ................................................. 1.69$9
F-01. Single-section, with insulated filter. Can size: 2x3 3/4 x 1 1/4 dia. 44¢
K12449 - Your Cost ................................................. 44¢
F-02. Radiostar-Capacitive Filter, for high-inductive circuits. Size: 1x4 1/4 x 1 1/4 dia. 82$2
K12450 - Your Cost ................................................. 82$2

CH-1. Shielded choke for RF filtering. 10 amp. rating. Dimensions: 3x8x1 3/4 x 1 1/4 dia. 79$9
CH-2. As above, but 20 amp. rating. 3x8x1 3/4 x 1 1/4 dia. 1.62$6

TOBE FILTERS AND FILTERETTES
PLUG-IN FILTER
Capacitance easily changed for best interference. No need to make a new connection. Plugs into any 110-volt outlet, either a.c. or d.c.
K12607 - Your Cost ................................................. 59¢

Filterette Jr.
For small household appliances. For 110-120 volts. For use with motors up to 1 1/2 horse power. See chart, a.c. or d.c. Shpg. wt. 1 lb.
K12604 - Your Cost Each ............................................ 73¢

Filterette Senior
Similar to above, but for larger noise causing devices. Wt. 4 lbs.
K12606 - Your Cost Each ............................................ 2.79$9

Heavy Duty Filters
For use on motors, generators, farm light systems, chargers. etc. in mobile cut-out box. With necessary fuses. For 110 volts, a.c. or d.c. Available for 220 volts.
K12650 10 7.35 7.75 1.40
K12651 20 7.75 8.25 1.90

K12608 - Your Cost ................................................. 59¢

Power Line Filterette Reduces noise through the power line. Contains high efficiency inductances in both sides of line, to provide maximum filtering. Effective for 110 volt a.c. or d.c. watt receiver. suits 1000 watts. With cord and plug. Metal case, dim. 4x3x2 1/2.
K12608 - Type RF2 Your Cost Each .................................. 2.79$9

Filterette Co., Inc.
Radio Wire television inc. WHOLESALE RADIO SERVICE CO., INC.
1 Tube Battery Operated All Wave Kit

A baby in size but a giant in performance. Easy to build and works well for children's room. Comes with broadcast coils (range 190-550 meters) as standard equipment and short wave coils as only a few cents extra. This is the kind of a set most "hams" start with. Requires only two tubes: 1-15 volt "A" and 1-225 volt "B". Use I type 3 tube. Supplied in complete kit form, but including 7x10" driving panel (finished attractively in black), baseboard and all necessary parts. Instructions furnished. Shpg. wt. 4 lbs.

K20354 Complete Kit & parts for short tube battery and cabinet. (Broadcast coils $3.95, Short wave coils 50c.)

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.

3-Tube AC Operated Short-Wave Kit

Here is a three-tube AC 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 well-aimed receiver might make the most of the tube's sensitiveness and make the best of the tube's sensitivity and make the best of the tube's sensitivity to a very high degree. The coil section covering the standard broadcast band is available. Front panel attractively finished in professional black crackle. Sturdy cadmium plated metal chassis is completely drilled and pinned. 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 suitable set for the amateur and for experimentation. On operation 110 volts, 50 60 cycles a.c.

K20356 3-tube short-wave kit, complete, less tubes. Shpg. wt. 1 lb.

Your Cost $8.75

K20356-1 Set of Broadcast coils for 3-tube Kit. Above. Your Cost 65c

1 Kit Lafayette Tubes (1-6V6, 1-6J7, 1-60). Your Cost $1.46

New "Utility" Amplier Kit

A general all-purpose amplifier for use with a radio tuner, phone-pickup or crystal microphone. Has two input channels—1 for mike—1 for phone or radio. Overall gain of the amplifier is 90 db. Power output—3 watts. It will also furnish 5-8 V. 6J1 plug and 250 v. @ 30 ma. for a radio tuner. The output load impedance required is 2700 ohms. This kit can be used by any speaker with a matching transformer capable of matching this impedance may be used. Speaker should be of the FM (permanent magnet dynamic) type. Input impedance of the amplifier is 150,000 ohms. Tubes employed include 1-6J7, 1-6F6, 1-6K6G and 1-60 rectifier. The amplifier is designed for operation on 110 volt a.c. 60 cycles. The kit is supplied complete with all necessary parts including wiring and all instructions. A speaker, however, is not supplied since many will want to use those they already have on hand. Shpg. wt. 3 lbs.

K20350 (Less tubes and speaker) $6.95

For tubes see pages 33, 34, 35. For suitable speakers see pages 82, 83, 84.

New 4 Tube Improved AC-DC TRF Receiver Kit

A new improved A.C.-D.C. TRF Kit that has been greatly impressed 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 receiver has been replaced by use of an entirely new tone line. The tubes employed include 1-12KT7, 1-6370, 1-500LTG and 1-3Z4C as respectively RF stage, detector, beam-power amplifier and rectifier. The electron tube speaker is 5" in diameter and is capable of excellent tone quality and will easily handle the full output of the receiver without distortion.

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 short wave kit (as listed below.) Wt. 3 lbs.

Your Cost $1.98

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 to build this complete set. All parts furnished. Steel-cadmium plated chassis is drilled and pinned for all necessary holes. Specially matched coils and condensers. Use 1-619, 1-56-198 and 1-116 tubes. Includes magnetic speaker. Shpg. wt. 5 lbs.

K20353 Complete kit of parts, $1.75

K20353-1 Less cabinet and tubes. Your Cost $4.95

K20353-2 Less tubes only. Wt. 2 lbs. Your Cost $3.95

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. Has 3-inch genuine dynamic speaker. High gain mixer-oscillator stage and an attractive second detector make this 4 tube receiver as sensitive and powerful as many larger receivers. Uses attractively black crackle finished driven panel, and cadmium-plated driven chassis. Unusually easy to build. Employs 4 tubes and plus two tubes. Types of tubes used: 1-6AB8, 1-6K7, 1-6F6 and 1-80. With all parts and instructions this kit is complete. Wt. 4 lbs. Shpg. wt. 11 lbs.

K20357-1 Tube A.C. Superhet Kit, less cabinet.

Your Cost $13.95

K20357-2 Kit of Lafayette Tubes.

Your Cost $1.98

4 Tube Loop-Operated Battery Portable

The radio you have always wanted! Can be used anywhere you go—up the mountain—on your boat—no matter where you are it will perform wonderfully well with 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 200 million microamperes): including 1-1AG7 mixer-oscillator; 1-ING7 TP amplifier; 1-1HT7 second detector—AVC—1st audio; 1-1QGT 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 Receiver, Low Sweep Kit, Tubes, Cabinet. Shpg. wt. 8 lbs.

Your Cost $7.75

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 receive all programs broadcast. Tubes used: 2-6SK7, 1-6370, 1-65C7, 2-66G6 and 1-6V6. Complete Receiver Kit

The kit is complete in every detail (except for tubes and speaker) and includes all necessary parts necessary to complete the receiver. turbine, pilot bulbs, hookup wire and solder. All are of top quality. The 7 tube Hi-Fi receiver may be used, a suitable matching transformer is included as part of the kit.

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. 1 lb.

Your Cost, Special $1.95

Photo-Cell Kits

Photo Cell Kits

Definitely not a toy. S.P.D.T. relay handles 1 A. @ 110 V. Operates motors, alarms, etc.


K15667 A.C.-D.C. Relay Kit.

Your Cost $5.90

K15669—Battery Relay Kit.

Your Cost $4.40

K15670 Battery Light Source

$4.40

PRICE SUBJECT TO CHANGE WITHOUT NOTICE.
Here it is! The deluxe, custom-built All-Wave receiver that has everything. It provides uninterrupted reception in five bands covering from 630 to 32.4 mc (900 to 2670 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; 6-Band Pre-Aligned Tuning Unit; large dial with 9 scales, 5-band condenser; Align-Aire (air tuned) coils; Mono-Unit crystal filter (factory assembled and aligned); built-in noise silencer; beat freq. occ.; "TV" indication meter; two-stage Ferrocart (iron core) I.F. channel with electronically variable band expansion; diode second detector; separate bass and treble controls; phone-jack; inverse feedback, 15-watt output, 7.16 to 10.175 mc. Complete with all parts, diagrams, etc. Available with push-buttons (7 stations) or with "Tuning Eye". Complete kit of parts for Push-Button model, less tubes, speaker, cabinet and panel. Shpg. wt. 82 lbs. $58.50

K2120—As above, but for tuning "eye" model. (No push-buttons) $52.04

K2122—Push-Button Kit...$2.06

K2123—Push Button "Tuning Eye" Kit...$2.06

K2145—Cabinet for P-B. Kit...$5.00

K2146—Cabinet for "Eye" Kit...$4.41

Requires: 2-1853's, 1-6SA7, 2-6K7, 1-6H6, 2-6G6's, 2-1X4 and 1-6G6 tuning "eye" or 1-6FY push-button converter (specify type desired). See pages 33-35.

Completely Assembled Tuning Unit

K2121—Only 7 connections to feed into 456 kc. D.C. channel. Uses 1853 r.f. mixer and 6J7G osc. tube. Steatite sockets. $32.03

Your Cost, Less Tubes...$32.03

Portable Battery Set

Complete parts kit, including diagrams, for building the latest type superheterodyne battery operated receiver. Uses five low drain tubes (1-6L6, 1-6BQ, 1-121A, 1-121B and 1-121CG) and includes an efficient P.M. speaker that provides excellent tone. Tuning range from 630 to 1600 kc. Has built-in loop antenna. Uses 1553 r.f. coil. Plays anywhere. Canvas covered portable case only 13" long, 9" deep, 14 1/2" high; weighs only 15 lbs. complete. Space for batteries (requires 1-15 volt "A" like Eveready #742 and 2-4.5 volt "B" like Eveready #762). Less tubes and batteries. Complete Kit, with cabinet. Shpg. wt. 11 lbs. $18.23

K2120—Your Cost...$18.23

Complete Kit, less cabinet. Shpg. wt. 9 lbs. $14.70

K2120—Each...$14.70

Cabinet only...$3.75

K2125—Your Cost...$4.12

Kit of batteries. Your Cost...$2.42

For Tubes refer to pages 33-35.

COMPLETELY ASSEMBLED TUNING UNIT

Your Cost, Less Tubes...$26.75

Broadcast Band Only

Tunes from 630 to 1600 kc. Less tubes, panel, cabinet and speaker. Shpg. wt. 13 lbs. List $34.75.

K2112—Your Cost...$20.44

Broadcast and Short-Wave Bands

Tunes 630 to 1600 kc. and 5.5 to 18.8 mc. (16.2 to 52 meters), covering popular a-w bands. Less tubes, panel, cabinet and speaker. Shpg. wt. 18 lbs. List $22.78

K2125—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. 18 lbs. List $24.55

K2112—List $41.80 Your Cost...$24.55

Accessories for Above Kits

K2147—Front Panel for "Broadcast" Model...$1.09

K2129—Front Panel for all other models...$1.09

K2130—Complete Kit for ALL models...$2.65

Following Tubes Required for ALL Models: 2-6K7's, 1-6AB, 1-6QV, 1-121A, 1-121B and 1-121CG. 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 details.

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 7.16 to 665 meters (640 kc. to 42 mc.) without a skip; Alignaire (air tuned) coils for each band; R.F. STAGE ON ALL BANDS, using the new "transistor" tube; 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 alignment. Black Streak finished chassis and cabinet. For 110 V., 60-60 cycles a.c. $34.99

K2128—Complete Kit of Parts, less tubes, speaker, cabinet and panel. Shpg. wt. 25 lbs. $34.99

YOUR COST...$4.41

Requires following tubes: 2-1853's, 1-6SA7, 2-6K7, 1-6H6, 2-6G6's, 2-1X4 and 1-6G6 tuning "eye." See pages 33-35 and 169.

NOTE: All Kits on this and the preceding page are for 110 volts A.C. only.
PUBLIC ADDRESS TUNERS
High-Fidelity Model
Designed entirely for reception from local, near-by powerful, broadcast stations. Wide band, high fidelity permits true high-fidelity reproduction. Audio response essentially flat from 40 to 12,000 cycles. Band pass TRF circuit employs 4 gang 365 mmf. tuning condenser. Covers complete broadcast band from 580 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 only. Cabinet dimensions 734 x 16 x 7 x 16 3/4" deep. Shipping weight 14 lbs. Kit includes all parts, hardware and full size printed circuit as panel, cabinet and tubes.
K1036A—Complete kit as described a $25.43
K1035—Front Panel. Black crystal finished steel .75c
K1034—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 Ferrocrrat 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.
K1035—Front Panel. Black crystal finished steel 73c
K1034—Steel Cabinet. $2.80

--DUAL-BAND-- P.A. Tuner
Super-het circuit with a stage of R.F. on each band. Covers 540 to 1600 kc. and 5.5 to 18.5 mc. Very good selectivity and employs a cathode-ray tuning eye and double temperature-compensated filter circuit results in low hum level. Monitoring jack on front panel. Output imp. 2800 and 10,000 ohms. Employs 2-6K7, 1-6H6, 1-6F8G, and 1-5Z4 & 1-6G6 (not supplied). Parts, hardware and instructions furnished. Less Tubes, Panel and Cabinet 100+ c. K1037L—Complete kit as described. $22.05
K1037—Front Panel. Black crystal finished Steel .91
K21130—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 Telecast speaker and all the Meissner and other specialized units. Complete technical data, pictorial and schematic diagrams, alignment instructions, etc. 158 pages.
K1022—Your Cost $48.00

DeluxeDual Universal Wave Trap
Tunes 400-4751 kc. to eliminate code signals. Also tunes 580-1950 kc. for broadcast and police band interference. Employs Ferrocarrat iron core for high efficiency.
K1004—Your Cost $1.55

Deluxe Dual Amateur Band Wave Trap. Tunes 1.5 to 7.5 Mc. 40 and 90 or 40 and 160 meters. Screwdriver adjustable.
K1002—Your Cost $1.55

Deluxe Dual Broadcast Band Wave Trap. Similar to Dual Universal model, but for 550-1600 kc. band only.
K9358—Your Cost $1.55

MEISSNER 10 kc Audio Filter
Eliminates 10 kc Squeals and Whistles
Eliminates 10 kc that are common on the broadcast band. Consists of two filter circuits that greatly attenuate the 10 kc note so that it will not go to the output. Connects in circuit of power output tube of radio set or amplifier. Two required for each 10 kc noise. Optional with other 10 kc tubes—carries up to 75 ma. 13/4" square by 2 1/4" high.
K1002—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 beginners' or experimenter and are not toys but real honest-to-goodness radio sets that perform surprisingly well. You can start with the l tube kit and add thereto by means of the "add-on" kits to make it program a.m. and then a 5 tube set. All kits employ the same 3 tube chassis making enlargement a simple matter. Broadcast coil furnished with each kit (except "Add-On" Kit).

ONE TUBE KIT
Employs 1 type E4G tube. 1½ volt d.c. and 1 45 volt "B" battery. Excellent headphone reception. Has regeneration control in addition to main tuning dial.
K10414—Kit, less tubes, batteries and headphones. $2.65

TWO TUBE KIT
Employs 1 type 1C5G and 1 type 1E4G. Requires 1—1½ V. "A" and 2 45 V. "B" batteries. More selectivity and greater distance than 1 tube model.
K10416—Kit, less tubes, batteries and headphones. $2.94

THREE TUBE KIT
A really deluxe job that any operator would be proud of (see listing below) with good volume. Has volume control to adjust volume when using headphones. Employs 1 type 1C5G and 1E4G tubes. Requires 1—1½ V. "A", 2—45 V. "B" and 1—7½ "C" battery. More selectivity and selectivity. Tubes: 2-6K7, 1-6F8G and 1-5Z4 (not included). Kit includes parts, hardware and instructions.
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 $45.00
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 remaining coil is to enable the operator to use all bands in the bands indicated.
K10420—70 to 200 meters Each $2.35
K10421—85 to 70 meters Each $2.35
K10422—17 to 35 meters Each $2.35
K10423—645 to 1500 meters (Long Wave) Each $8.85

4-TUBE AC-DC T.R.F. KIT.
A small compact receiver with amazing sensitivity and tone quality may be constructed from this kit. Tuned the broadcast band, 550 to 1600 kc. Operates from any 110 volt line, either AC or DC. Requires 1-6K7, 1-6F7T, 1-6F6, 1-5Z4 & 1-5Y6. Complete kit includes all coils, condensers, transformers, hardware, etc. Comes with 2 watching coils enabling the operator to use all bands in the bands indicated.
K10524—Complete kit, not including batteries. Your Cost $7.20

5-TUBE AC T.R.F. KIT.
K10546—Kit, less tubes and power supply. Your Cost $12.64

Tubes and Batteries
IC5G Tube Refer to Pages 33 and 35. $1.86
1E4G Tube $4.86
C1228—1½ V. "A" battery $1.32
C1229—7½ V. "C" battery. $4.86
C1231—Single Headset $97.00
C1382B—200 foot microphone cable $97.00
See bottom of page for Speaker

SPAKERS FOR ALL MEISSNER KITS
Specially selected speakers that assure the utmost in performance from every Meissner Kit.

K10365—Punched and drilled chassis for above, 744 x 52" $1.32
K10366—Tubes for above listed on pages 33-35.

K10034—Kit, less tubes and speaker. Your Cost $5.20

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
**NEW! Meissner “Plastic” I.F. Transformers**

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 0.001 in. Trimmer caps are slotted and mounted with a pin that extends through the bottom hole and allows a 0.005 in. gap between the bottom plate and plastic base. Wide range, compact in size, separated by 0.25 in. tall. Underwriters approved live rubber leads, specially served Litz wire. Double tuned. Aluminium shield can. Unaffected by temperature, humidity and vibration. Markedly stable. Excellent replacements for or new receivers.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Use</th>
<th>Range</th>
<th>Set At Kg.</th>
<th>Kg.</th>
<th>Gain</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1037</td>
<td>Input</td>
<td>140-200</td>
<td>175</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>K1037</td>
<td>Intermediate</td>
<td>175-200</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1037</td>
<td>Output</td>
<td>200-210</td>
<td>262</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1038</td>
<td>Output</td>
<td>200-210</td>
<td>262</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1037</td>
<td>Input</td>
<td>300-450</td>
<td>370</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1038</td>
<td>Intermediate</td>
<td>340-450</td>
<td>380</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1038</td>
<td>Output</td>
<td>450-550</td>
<td>456</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1039</td>
<td>Output</td>
<td>450-550</td>
<td>456</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

List: $1.89

**MEISSNER Midget Ant. and R.F. Coils**

High quality compact coils for broadcast band coverage with a 365 mmf. condenser. Pertinent overall gain as large coil. Littler secondary, 5/4" d. form, 13/4" long. Shielded coils mounted in 1 1/8" d. cans, 2" long. 200-466 k.c.

K10006—Ant. Coil
K20004—R.F. Coil Each

**NEW! Compact Ant. and R.F. Coils**

New series of compact coil designs partially for use where space is limited. 190-550 meters with 365 mmf. condenser. High impedance primary. Littler secondary. 5/4" d. form. 13/4" long. Shielded coils mounted in 1 1/8" d. cans, 2" long. Black

K10005—Ant. Coil
K20006—R.F. Coil Each

**MEISSNER Dual Band Coils**

Exceptionally efficient two 15,000, 13,000 and Short-Wave band coils wound on same bakelite form. Two mica-dielectric trimmer mounted in shielded cans. For use with 365 mmf. condenser and 456 k.c. i.f. channel. Can size: 13/4" d. and 215-565 meters.

Stock No. | Stock No. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K1025</td>
<td>2925</td>
</tr>
<tr>
<td>K1026</td>
<td>2926</td>
</tr>
<tr>
<td>K1027</td>
<td>2927</td>
</tr>
<tr>
<td>K1028</td>
<td>2928</td>
</tr>
</tbody>
</table>

**NEW!“Cart-Wheel” I.F. Replacement**

Same size and style of I.F. transformer inserted in most of the $9.95 models on the market such as RCA, Belmont, Emerson, etc. Trimmer bases and supporting dowels made of molded plastic. Actually wound coil may be used as input or as output transformer. Designed for 456 k.c. operation. Can be used as a replacement or as new receiver construction. Size: 13/4" x 13/4" x 1 1/2".

K10385—Your Cost Each $59c

**OSCILLATOR COILS**

For 190 to 650 meter broadcast band. Used with .000066 mfd. condenser; pregapped. Shielded type in 1 1/4" high, 1 1/2" diam. These coils can be used with any I.F. transformers and any r.f. and antenna coils. Padder condenser coils supplied with condensers.

K10029 Shields: Shaded: Mmf. shielded
K10031 456 350
K10032 456 350

**MEISSNER Three-Band Coils**

Similar in design and construction to Dual Band Coils above, but cover the 51-250 meter band, or 800-2200 meters, with 456 k.c. i.f. Also available in shielded cans.

K10338—Ant. Coil
K10339 R.F. Coil
K10340 Oscillator
K10341 Pad. Cond. Kit
K10342 9-gang 456 mfd. Vari-diameter in accordance with above
K10343—3-gang 3-position Rotary Switch for above

**B’Cast-Police and S.W.**

Covers 16.2 to 555 meters with a 456 k.c. i.f.

K10338 Ant. Coil
K10339 R.F. Coil
K10340 Oscillator
K10341 Pad. Cond. Kit
K10342 9-gang 456 mfd. Vari-diameter in accordance with above
K10343—3-gang 3-position Rotary Switch for above

**B’Cast—Long & Short-Wave**

Covers 190-565 inches 16.2-71.5 and 810-2200 meters. For 365 mmf. cond. band, 14100-14800 and 365 mmf. condenser. K10338—3-gang 3-position Rotary Switch for above

**Filament Choke**

For auto sets. .012 ohms. .34" dia. $1.69

K10011 Each
COILS and CHOKES for Every Purpose

Antenna and R.F. Coil Primary Windings
Designed to replace defective or burned-out antennas and r.f. coil primaries. Will fit the old coil. All high impedance.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K10116</td>
<td>4½&quot; O.D. coils</td>
<td>.15c</td>
</tr>
<tr>
<td>K10117</td>
<td>5½&quot; O.D. coils</td>
<td>.14c</td>
</tr>
<tr>
<td>K10118</td>
<td>4½&quot; O.D. coils</td>
<td>.14c</td>
</tr>
<tr>
<td>K10119</td>
<td>4½&quot; O.D. coils, type D</td>
<td>.11c</td>
</tr>
<tr>
<td>K10120</td>
<td>4½&quot; O.D. coils, type A</td>
<td>.14c</td>
</tr>
</tbody>
</table>

“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 A for r.f. coils (3500 microhenries) type B with 15 or 20 mH. (short center lead).

<table>
<thead>
<tr>
<th>Stock Type</th>
<th>Size</th>
<th>Microhenries</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K8559</td>
<td>A ½&quot; x ½&quot; 1700</td>
<td></td>
<td>.14c</td>
</tr>
<tr>
<td>K8560</td>
<td>A 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.15c</td>
</tr>
<tr>
<td>K8561</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.14c</td>
</tr>
<tr>
<td>K8562</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.15c</td>
</tr>
<tr>
<td>K8563</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.14c</td>
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<tr>
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<td></td>
<td>.15c</td>
</tr>
<tr>
<td>K8565</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.14c</td>
</tr>
<tr>
<td>K8566</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
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<td>.15c</td>
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<tr>
<td>K8567</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.14c</td>
</tr>
<tr>
<td>K8568</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.15c</td>
</tr>
<tr>
<td>K8569</td>
<td>B 5/8&quot; x 5/8&quot; 2200</td>
<td></td>
<td>.14c</td>
</tr>
</tbody>
</table>

Your Cost Each, Any Above Type: .16c

TRUDEST 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 shell. All coils are ASTRA color-coded for ease of installation. Size of the finished ceramic metal shield can is 1½ x 1¾ x 3½"; threaded lug mounting. Two springs keep 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:

<table>
<thead>
<tr>
<th>Freq.</th>
<th>Input</th>
<th>Output</th>
<th>Interstage</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>175 kc</td>
<td></td>
<td></td>
<td></td>
<td>10 For 59c 95.50</td>
</tr>
<tr>
<td>175 kc</td>
<td></td>
<td></td>
<td></td>
<td>10 For 59c 95.50</td>
</tr>
<tr>
<td>175 kc</td>
<td></td>
<td></td>
<td></td>
<td>10 For 59c 95.50</td>
</tr>
<tr>
<td>456 kc</td>
<td></td>
<td></td>
<td></td>
<td>10 For 59c 95.50</td>
</tr>
<tr>
<td>175 kc</td>
<td></td>
<td></td>
<td></td>
<td>10 For 59c 95.50</td>
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<tr>
<td>175 kc</td>
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<td>10 For 59c 95.50</td>
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<td>175 kc</td>
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<td>175 kc</td>
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<td></td>
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<td>10 For 59c 95.50</td>
</tr>
<tr>
<td>175 kc</td>
<td></td>
<td></td>
<td></td>
<td>10 For 59c 95.50</td>
</tr>
</tbody>
</table>

SHIELDED LITZ WOUND R.F. AND ANTENNA COILS COVERS 175 TO 550 METERS
Will service over 99% of the receivers on the market. Have high-impedance primaries for screen-grid tubes, and Litz-wound secondaries. Completely shielded in round aluminum construction. Wound over 0.000365 mfd. condenser. 1½" diameter, 2½" high. For 000365 mfd. condenser. With 2-33 spade ports for mounting.

| Each 5-TUBE KIT | $1.03 |
| Each 4-TUBE KIT | $1.03 |

Midget Trimmers
Compact trims for all purposes. K775—Bakelite K777—Ceramic Each 3-10 mfd. K776—Dual 3-80 Each 6" base K777—Antenna Coil Each...10 For...$1.03 Your Cost Each...12 For...$1.03

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 assembly coil which the receiver sometimes contains in the original (except where marked “less shield can”); coils only, for repair work, fully assembled.

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C119</td>
<td>500 mfd &amp; Duals</td>
<td>3</td>
<td>1½</td>
<td>K2495</td>
<td>.15c</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C118</td>
<td>500 mfd &amp; Duals</td>
<td>4</td>
<td>1½</td>
<td>K2496</td>
<td>.15c</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C117</td>
<td>500 mfd &amp; Duals</td>
<td>5</td>
<td>1½</td>
<td>K2497</td>
<td>.15c</td>
<td></td>
<td></td>
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<tr>
<td>C116</td>
<td>500 mfd &amp; Duals</td>
<td>6</td>
<td>1½</td>
<td>K2498</td>
<td>.15c</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C115</td>
<td>500 mfd &amp; Duals</td>
<td>7</td>
<td>1½</td>
<td>K2499</td>
<td>.15c</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C114</td>
<td>500 mfd &amp; Duals</td>
<td>8</td>
<td>1½</td>
<td>K2500</td>
<td>.15c</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Your Cost Each, Any Above Type: .16c

MEISSNER Align-Aire Trimmers
Air-dielectric coaxial cylinder type with a base 3½" dia. x 1¾" long, 3600 degree of microhenry smooth tuning, unaffected by moisture, dust-proof. Ceramic insulation. Capacity automatically adjusted by slotted screw head.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K9441</td>
<td>.25 mmfd</td>
<td>.54c</td>
</tr>
<tr>
<td>K9442</td>
<td>.25 mmfd</td>
<td>.54c</td>
</tr>
</tbody>
</table>

Midget Align-Aire
Similar to above but has Bakelite body 3½" dia. x 1¾" long. Range 1½—10 mmfd. Has mounting brackets.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K9740</td>
<td>.21c</td>
</tr>
</tbody>
</table>

Shielded & Unshielded R.F. Chokes
All purpose r.f. chokes, available unmounted or housed in cradle finished metal cans 1½" in diameter. All types of latest design for use in a.c.-d.c. windings. Each is accurately rated and factory tested. Both types mount to any standard length screw and are provided with solder lug terminals, generally impregnated—will give long, trouble free service.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
<th>Stock Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>C400</td>
<td>3-30 mfd</td>
<td>Stock Cost</td>
</tr>
</tbody>
</table>

Unshielded Stock

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
<th>Stock Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>C400</td>
<td>3-30 mfd</td>
<td>Stock Cost</td>
</tr>
</tbody>
</table>

Pie-Wound R. F. Chokes
For use in high-frequency receivers and powerwired transmiters. On Ceramitec pool.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
<th>Stock Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>C400</td>
<td>3-30 mfd</td>
<td>Stock Cost</td>
</tr>
</tbody>
</table>

NOTE: Refer to pages 150 and 151 for a complete listing of TELEVISION parts.

SHORT WAVE COILS and ACCESSORIES on PAGE 165

129
AMPHEPHOL Standard Tube Sockets

Type "A" is designed for general replacement work and has a steel adapter plate to fit mounting centers from 1 1/4" to 1 3/8". Type "B" is for new work and requires only a single 1/4" hole, being held in place with a "n" retainer ring - usually easy to mount. Both types are available in Bakelite and Steatite. Steatite being especially desirable for transmitters, high power amplifiers, etc. 9 and 11 prong sockets are for Amphephol connectors.

<table>
<thead>
<tr>
<th>No.</th>
<th>Bakelite &quot;A&quot;</th>
<th>Bakelite &quot;B&quot;</th>
<th>Steatite &quot;A&quot;</th>
<th>Steatite &quot;B&quot;</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>K13057</td>
<td>5c</td>
<td>6c</td>
<td>K13104</td>
</tr>
<tr>
<td>5</td>
<td>K13058</td>
<td>6c</td>
<td>7c</td>
<td>K13106</td>
</tr>
<tr>
<td>6</td>
<td>K13059</td>
<td>7c</td>
<td>8c</td>
<td>K13107</td>
</tr>
<tr>
<td>7</td>
<td>K13061</td>
<td>8c</td>
<td>9c</td>
<td>K13107</td>
</tr>
</tbody>
</table>

Special Socket Punches
K13043—for making keyed socket holes, for Amphephol sockets. Standard 1.170". K13044—for making large 1.320" holes.

Terminal Strips
Hi-quality bakelite terminal strips, 1/4" thick, with cadmium plated terminal lugs. Ideal for radio, etc. All are plain markings.

<table>
<thead>
<tr>
<th>No. Term. Length Ea.</th>
<th>14c</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13145</td>
<td>3c</td>
</tr>
<tr>
<td>K13149</td>
<td>12c</td>
</tr>
<tr>
<td>K13152</td>
<td>25c</td>
</tr>
<tr>
<td>K13153</td>
<td>35c</td>
</tr>
</tbody>
</table>

Heavy Bakelite Terminal Strips
Screw and collar terminals mounted on 1/2" bakelite strips, 3/4" wide.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>10 For 45c</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13140</td>
<td>2, 2c, 2c</td>
</tr>
<tr>
<td>K13143</td>
<td>4, 2c, 2c</td>
</tr>
<tr>
<td>K13152</td>
<td>5, 2c, 2c</td>
</tr>
</tbody>
</table>

Wafers Sockets
Sturdily constructed of laminated Bakelite. Cadmium plated, self-aligning, floating one-piece contacts. Midges have 1 1/4" centers; standards 1 1/4". No markings.

Stock No. Prongs | Your Cost Ea. | Your Cost Each
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K13070</td>
<td>4</td>
<td>5c</td>
</tr>
<tr>
<td>K13071</td>
<td>6</td>
<td>6c</td>
</tr>
<tr>
<td>K13072</td>
<td>8</td>
<td>7c</td>
</tr>
<tr>
<td>K13073</td>
<td>10</td>
<td>8c</td>
</tr>
</tbody>
</table>

New Waffer Loktal 1 1/4" Mtg Centers Each 10 For 45c

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Each 10 For</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13075</td>
<td>8-prong, 6c</td>
</tr>
</tbody>
</table>

Midget Size

<table>
<thead>
<tr>
<th>No. Prongs</th>
<th>Each 10 For</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13114</td>
<td>Four</td>
</tr>
<tr>
<td>K13121</td>
<td>Six</td>
</tr>
<tr>
<td>K13122</td>
<td>Seven</td>
</tr>
<tr>
<td>K13127</td>
<td>Eight</td>
</tr>
</tbody>
</table>

Bakelite Combination Box Panel Sockets
Molded Bakelite.

Standard Sockets

<table>
<thead>
<tr>
<th>Stock No. Prongs</th>
<th>Each 10 For</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13363</td>
<td>12-prong, 6c</td>
</tr>
<tr>
<td>K13366</td>
<td>15-prong, 9c</td>
</tr>
</tbody>
</table>

Terminal Boards
Tempered steel tinned contacts securely eyedletted on 1/4" centers on genuine Bakelite strips.

<table>
<thead>
<tr>
<th>Lugs on 1/4&quot; Bakelite strip</th>
<th>Each 10 For</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13031</td>
<td>3</td>
</tr>
<tr>
<td>K13032</td>
<td>4</td>
</tr>
<tr>
<td>K13033</td>
<td>5</td>
</tr>
<tr>
<td>K13034</td>
<td>6</td>
</tr>
</tbody>
</table>

Copyright 1940, National Industries for the Blind, Inc.
CLAROSTAT Rotary Switches
Compact, positive contact Under
writer's Approved. Designed for Bakel
ite molded construction. Rated 1
amp., 250 volts; 8 amp., 125
volt. Each is 1\(\frac{1}{4}\)" dia., 1\(\frac{1}{2}\)" body depth; bushings are \(\frac{3}{4}\)" in. dia., with \(\frac{1}{4}\)
shaf.
Stock No. Description Each
K12045 S.P.S.T. 4-P.D.T. 1.35
K12047 S.P.D.T. 1.85
K12048 4-Wire, S.T. 2.25

Porcelain Base Knife Switches
Especially suitable for aeral
and ground. Comes with contact and blade.
Stock No. Type Your Cost
K16620 S.P.S.T. 3c
K16621 S.P.D.T. 4c
K16622 D.P.T. 1.15
K16623 D.P.D.T. 1.50
K16625 3-P.D.T. 4.35

Miniature Bakelite Push-Button Switches
Plated metal parts. Single pole
1\(\frac{1}{2}\)" long, double pole 2\(\frac{3}{4}\)".
Stock No. Type Your Cost
K16630 S.P.S.T. 3c
K16631 S.P.D.T. 4c
K16632 D.P.T. 1.15
K16633 D.P.D.T. 1.50
K16635 3-P.D.T. 4.35
K16636 4-P.S.T. 8c
K16637 4-P.D.T. 14c

FEDERAL Anti-Capacity Switches
Springs are phosphor bronze silver
plated, setuated by a cam roller.
Minimum capacity 6 amp. at 125
volt. Stock No. Type Your Cost
K12652 S.P.S.T. 4c
K12654 D.P.S.T. 1.35
K12655 4-P.D.T. 1.85

Canopy Switch
Rotary type, composition top.
Turns lead. Rated 6
amp. at 125
volt. Stock No. Cost
K13142 10 For $1.65

CUTLER-HAMMER Switches
S.P.S.T. Slide Switch
Approved by Under
writer. Bakelite
case, metal
"off-on" plate,
6 amp., 125
volt. Required

K12841 - Your Cost $3.10

Single Pole-Single Throw
Rated 10 amp.
Your Cost, Each 17c
K12836 - Your Cost 17c
10 for $1.53
K12835 - Your Cost 20c
10 for $1.75
Single Pole-Double Throw
Your Cost, Each 20c
K12834 - Your Cost 10 for $1.00
K12833 - Your Cost 20c
10 for $1.00

"On-Off" Switch Plates
Heavily nickel plated.
With loading projection. Marked "on" and "off"

K12818 - Your Cost Each 2c
10 for $0.24

C-H POWER SWITCHES
Heavy duty switches. Ratings at 250 volts A.C. or D.C.
Wiping contacts. \(\frac{1}{16}\)" bushings.
H.P. Ea. For 10
K12723 6 amp. 4c $12.00
K12724 8 amp. 5c $13.00
K12725 10 amp. 5c $15.00
K12726 15 amp. 6c $22.00
K12727 20 amp. 6c $28.00

CENTRALAB “Positive” & “Spring Return” Switches
Lever Action
Space lever action
switches. Knob
supplied with each
switch. Plate availa
ble for mounting
 singly or in groups up to 10.
K12782 2 2c 3 Positive
K12783 2 3 Positive
K12784 3 3 Positive
K12785 3 1 Positive
K12786 3 2 Positive
K12787 3 4 Positive
K12788 4 1 Positive
K12789 4 2 Positive
K12790 3 3 Positive
K12791 3 2 Positive
K12792 3 1 Positive
K12793 3 4 Positive
K12794 4 4 Positive
K12795 4 3 Positive
K12796 4 2 Positive
K12797 4 1 Positive
K12798 4 4 Positive

Heavy Metal Binding Post
Nickel plated bronze. Ap
proximately 1" high.
K13246 - Your Cost Each 6c
10 for $0.55

Switches and Binding Posts
RELIABLE EQUIPMENT AT REASONABLE PRICES
<table>
<thead>
<tr>
<th>Type</th>
<th>Requires panel opening</th>
<th>Your Cost, Either Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>1½x4 1/2&quot;; Ratio 7:1 over 180°</td>
<td>$1.41</td>
</tr>
<tr>
<td>B.</td>
<td>1½x3 1/2&quot;; Mgr. holes in front plate</td>
<td>$1.18</td>
</tr>
</tbody>
</table>

### CROWE Slide-Rule Dials

#### 6% Sliding Dial 2-Band
- Dial calibrated from 500 to 1000 and 1500 to 2500 ke. for clockwise and counter-clockwise rotation.
- Cable and pulley driven. Ratio 6 to 1 in 180 degrees.
- Knob shaft is 7/16" in diam. Hub takes ¾" and ¾" condenser shafts.

#### 4½/4" Slide Rule Dial
- Calibrated from 650 to 1500 and 1500 to 650 ke. for clockwise and counter-clockwise rotation.
- Takes ¾" and ¾" condenser shafts.

### Special 3¼" Airplane Dial
- A highly attractive full-vision airplane dial at an exceptionally low price. Has a 2 ½" diameter dial protected by a glass lens. Ratio 1,500 to 360 degrees.
- Double edged pointer covers both scales; easy to read. Upper scale graduated from 550 to 1000, lower scale calibrated from 0 to 100. Takes ¾" or ¾" condenser shafts. Ideal for dual wave sets (combining short wave and broadcast) and with two pilot light sockets and a 3½" bronze finished escutcheon.

### 3¼" Modern Airplane Dial
- This attractive modern dial will dress up any receiver. Scale supplied is universal for use with either clock, clockwork, etc. counter-clockwise condenser.
- 3½" round opening. With escutcheon. $1.05

### Phosphor Bronze Dial Cable
- Maximum strength, stretch, 16 strand, typexisciously braided, 42 strands wound over liner core.

### Linen Dial Cable
- Finest black linen braided cord. Breaking strength 200 lbs.; 1000 feet.

### Replacement Dial Belts
- **Molded Belts 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 dial sets of popular makes. The assortment is housed in a handy enamelled steel case and is furnished with a measuring chart and full instructions.

### FADA Drums & Brackets
- Complete stock of hard to get replacement parts.

### MAJEYST Dial Scale
- **Dial Plate for 92.5° E, 92.5° E, 100B, 110A and 210 A and B, etc.**
- Brass with black enamel and gold numerals. Replaces the zinc and celluloid type.

---

**Additional Text**: 
- **Phosphor Bronze Dial Cable**
- **Linen Dial Cable**
- **Replacement Dial Belts**
- **Molded Belts Kit**
- **FADA Drums & Brackets**
- **MAJEYST Dial Scale**
**VARIABLE CONDENSERS and Accessories**

### Push Complete assembly duplicate replacement RCA Part No. 2999. Used in Models R-7A, R-8, R-40, R-10, R-4, RE-18, RE-26, RE-16A, R-4 and R-6. Comes complete with friction rubber, screws and lock-washers.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Ganges</th>
<th>Your Cost</th>
<th>Stock No.</th>
<th>Ganges</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K7310</td>
<td>3</td>
<td>$0.72</td>
<td>K7312</td>
<td>3</td>
<td>$0.72</td>
</tr>
<tr>
<td>K7311</td>
<td>2</td>
<td>$0.89</td>
<td>K7312</td>
<td>2</td>
<td>$0.89</td>
</tr>
<tr>
<td>K7312</td>
<td>3</td>
<td>$1.29</td>
<td>K7335</td>
<td>3</td>
<td>$1.29</td>
</tr>
</tbody>
</table>

### Dial Drive For RCA Sets

Duplicate replacement RCA Part No. 3000. Used in Models 6-7A, 7A, TDC, 7, 9DC, 7LW, 10DC, 46, 48, 50, 64, 75, 84, 85, 90, 91, 104, 114, 115, 116, 122, 244, 222, 281, 381.

RCA Drive Clutch Assembly Complete assembly duplicates replacement RCA Part No. 4422 for Models 116, 128, 234, 282, 281-381.

**COUNTER-CLOCKWISE**

- Stock No. K7302: $0.89
- Stock No. K7335: $1.29

**CLOCKWISE**

- Stock No. K7302: $0.89
- Stock No. K7335: $1.29

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Ganges</th>
<th>Your Cost</th>
<th>Stock No.</th>
<th>Ganges</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K7312</td>
<td>3</td>
<td>$0.72</td>
<td>K7312</td>
<td>3</td>
<td>$0.72</td>
</tr>
<tr>
<td>K7311</td>
<td>2</td>
<td>$0.89</td>
<td>K7312</td>
<td>2</td>
<td>$0.89</td>
</tr>
</tbody>
</table>

### Dial Scale Assemblies

Complete assembly duplicates replacement RCA Part No. 6801. Dial scale for Model M-34.

- Stock No. K7366: $0.0014
- Stock No. K7379: $0.0015

### Modern Bakelite Knobs

- All of attractive brown molded bakelite. Fits 3/4" shafts. Set screw included.
- Type | Stock No. | Ganges | Your Cost |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>K6382</td>
<td>3</td>
<td>$0.72</td>
</tr>
<tr>
<td>B</td>
<td>K6383</td>
<td>3</td>
<td>$0.72</td>
</tr>
<tr>
<td>C</td>
<td>K6736</td>
<td>3</td>
<td>$0.72</td>
</tr>
<tr>
<td>D</td>
<td>K6650</td>
<td>3</td>
<td>$0.72</td>
</tr>
<tr>
<td>E</td>
<td>K6657</td>
<td>6c</td>
<td>$0.72</td>
</tr>
<tr>
<td>F</td>
<td>K6658</td>
<td>6c</td>
<td>$0.72</td>
</tr>
<tr>
<td>G</td>
<td>K6681</td>
<td>3c</td>
<td>$0.72</td>
</tr>
<tr>
<td>H</td>
<td>K6386</td>
<td>3c</td>
<td>$0.72</td>
</tr>
</tbody>
</table>

### FLEXIBLE 1/4" SHAFT COUPLER

For use in coupling two 1/4 inch shafts or for extending a shaft at an offset angle. Insulated. Stock No. K7350: Ceramic. Your Cost Each: $2.35

### Pointer and Lever Knobs

All highly polished bakelite knobs; modern and attractive in appearance. Extensively used on lead amplifiers, transmitters and receivers. All except type "D" have filled pointers; "D" has ridged top which serves as indicator mark.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Ganges</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>K3071</td>
<td>10 For</td>
</tr>
<tr>
<td>B</td>
<td>K3072</td>
<td>10 For</td>
</tr>
<tr>
<td>C</td>
<td>K3073</td>
<td>10 For</td>
</tr>
<tr>
<td>D</td>
<td>K3074</td>
<td>10 For</td>
</tr>
<tr>
<td>E</td>
<td>K3075</td>
<td>10 For</td>
</tr>
<tr>
<td>F</td>
<td>K3076</td>
<td>10 For</td>
</tr>
<tr>
<td>G</td>
<td>K3077</td>
<td>10 For</td>
</tr>
<tr>
<td>H</td>
<td>K3078</td>
<td>10 For</td>
</tr>
<tr>
<td>I</td>
<td>K3079</td>
<td>10 For</td>
</tr>
</tbody>
</table>

### SHAFT COUPLINGS, BUSHINGS, FITTINGS AND SHAINING

**For Dials, Volume Controls**

Variable Condensers

Coupings for connecting two or more condensers, rheostats, switches, etc., in tandem. Extenders for lengthening shafts of same, machined to exact size as specified. 06-02 machine screws used on all couplings and extenders.

**FIBRE AND BRASS SHAFTING**

Full length, and straight, 1/8" diameter. Stock No. K7370: Your Cost Each: 1/8" long. $1.60

### Panel Bearing Assembly

For use with rigid or flexible couplings when mfg. volume controls, condensers, etc., back from panel. For up to 4" panels.

**FRICTION DRIVE RUBBERS**

Eight different types friction drive rubbers for popular receivers, including Atwater Kent, R.C.A., Stewart-Warner, etc. Indispensable kit for servicing.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Kit of 24 Rubbers</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3400</td>
<td>$1.25</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

### Replacement Part Headquarters for Dealers and Service Men
UNIVERSAL Ballast Resistors

Three separate adjustable types, which will replace 99% of all ballast tube used. Removable pins permit obtaining any necessary adjustment or balanced tube arrangement. Complete chart furnished with each, showing how to replace any one of over 1000 ballast tubes. Excellent for servicemen, service shops and designers. Eliminates 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.

K-856 Type A, 6 prong. Each $1.90
K-858 Type C, 4 prong. Each $1.75

CLAROSTAT Metal Tube Resistors

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

Replace...

Type
K-1229 40K...K-1235 50K...K-1238 60K...
K-1247 75K...K-1251 85K...K-1254 100K...
K-1257 125K...K-1259 150K...K-1261 200K...
K-1262 250K...K-1265 300K...K-1267 400K...
K-1268 500K...

For your free copy of the new revised and up-to-date replacement AMPERITE Ballast Chart.

Your Cost, Each $1.75

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.

Type
K-8611 60 $1.25
K-8612 100 $1.25
K-8613 150 $1.25
K-8614 200 $1.25
K-8615 250 $1.25

Replacement Ballasts

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

Type
K-8605 Brunswick $1.75
K-8606 Clarion $1.75
K-8607 Grebe $1.75
K-8611 Majestic 70 $1.75
K-8617 Majestic 72 $1.75
K-8619 Majestic 90 $1.75
K-8623 SW 900 $1.75
K-8624 SW 900 $1.75
K-8625 SW 900 $1.75

Your Cost Each $1.75

Automatic Line Volt. Control

Fit any standard 110 V. outlet. For any set up to 9 tube. Automatically compensates for line voltage variations. Wt. 1 lb.

Type
K-6955...Your Cost $1.37

LITTFUSE for Radio Sets and Amplifiers

Approved by the Underwriters Laboratories. Type 3AG

Type
K-1239 1/4" $2.50

For Your Cost Each $2.50

LITTFUSE Auto Fuses

Lower resistance than a.c. standard fuse. Wt. 1/8 oz.

Type
K-1230 5 amp...K-1231 10 amp...K-1232 20 amp

For Your Cost $3.00

Fuse Mounts

Panel Type

Composition base, nickel plated brass.

Type
K-1239...Your Cost $6.00

Shielded Fuse Mounting


Type
K-1235...Your Cost $12.00

Universal Resistor Cord

One cord fits any type set. Any normally used resistance from 22 to 380 ohms included. Wt. 1 lb.

Type
K-1223 Each $1.00
K-1224 Each $1.00

TRUTEST Ballast Resistors

For use as filament dropping resistors in radio tubes. Each type has 4-prong bases. Metal tube has 5-prong bases. The 18SR and KTS types are for 24/4 and 25/5 volt tubes; types 165R and 349 are for use with 3-6 and 2-25 volt tubes.

Tru-Test Resistors, Inc., 49-51 E. 42nd St., Chicago 17, Ill.

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 (C) are special units.

FREE: Write for your free copy of the new revised and up-to-date replacement AMPERITE Ballast Chart.

Type

Type 40-125-4 Propr replaces the following types:

Type

For Your Cost Each $1.37

CUT 1 lb.

Radio and Auto Fuses

Type 3AG

Extractor Fuse Post


Type
K-12326 Panel Mount $1.00
K-12327 Panel Mount $1.00

For Your Cost Each $1.00

Universal Resistor Cord

For any set up to 7 tubes. American made, equipped with standard male plug and female receptacle; European type receiver has foreign plug and standard receptacle. Wt. 1 lb.

Type
K-2232 Standard $1.00
K-2244 Foreign $1.00

European or Standard Plug

For any set up to 7 tubes. American made, equipped with standard male plug and female receptacle; European type receiver has foreign plug and standard receptacle. Wt. 1 lb.

Type
K-2232 Standard $1.00
K-2244 Foreign $1.00

Perfect Merchandise - Prompt Shipment - Personal Service
Jewelled Pilot-Brackets
Fine quality jewelled pilot-brackets, for amplifiers, transmitters, etc. All have faceted jewels, highly polished chrome-plate brass base. Standard jewelled brackets have 1/4" jewel requiring a 1/4" hole. Jumbo jewelled brackets have a 1/2" jewel requiring a 1/2" hole. Available with Candelabra 110 V, Miniature Bayonet and Miniature Screw Base sockets.

**Standard Size**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K6432</td>
<td>Red</td>
<td>10c</td>
<td>10c</td>
<td>10c</td>
</tr>
<tr>
<td>K6434</td>
<td>Green</td>
<td>10c</td>
<td>10c</td>
<td>10c</td>
</tr>
<tr>
<td>K6434</td>
<td>Amber</td>
<td>10c</td>
<td>10c</td>
<td>10c</td>
</tr>
<tr>
<td>K6427</td>
<td>Red</td>
<td>18c</td>
<td>18c</td>
<td>18c</td>
</tr>
<tr>
<td>K6426</td>
<td>Green</td>
<td>18c</td>
<td>18c</td>
<td>18c</td>
</tr>
<tr>
<td>K6426</td>
<td>Amber</td>
<td>18c</td>
<td>18c</td>
<td>18c</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jumbo Jewels Only, For Above</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K6530</td>
<td>33c</td>
<td>33c</td>
</tr>
<tr>
<td>K6533</td>
<td>35c</td>
<td>35c</td>
</tr>
</tbody>
</table>

**Jumbo Jewel Bracket**
For test panel mount in 1/4" hole. 1/8" jewel requires 1/8" hole. 1/4" thick, bulb can be replaced from front of panel. Miniature screw base.

- K6416 - Red
- K6417 - Green
- K6418 - Amber

- Each $24

**Genuine MAZDA Pilot Lite Bulbs**
Write for additional discounts on large quantities of pilot lamps, an all one type.

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K12250</td>
<td>48</td>
<td>1.25</td>
<td>50</td>
<td>9c</td>
<td>4.90</td>
</tr>
<tr>
<td>K12255</td>
<td>48</td>
<td>1.25</td>
<td>3.56</td>
<td>12c</td>
<td>7.65</td>
</tr>
<tr>
<td>K12252</td>
<td>48</td>
<td>1.25</td>
<td>2.68</td>
<td>16c</td>
<td>6.40</td>
</tr>
<tr>
<td>K12254</td>
<td>48</td>
<td>1.25</td>
<td>2.68</td>
<td>16c</td>
<td>6.40</td>
</tr>
<tr>
<td>K12256</td>
<td>48</td>
<td>1.25</td>
<td>2.68</td>
<td>16c</td>
<td>6.40</td>
</tr>
</tbody>
</table>

**Round Bulb, Miniature Screw (C)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K12273</td>
<td>50</td>
<td>6.20</td>
<td>10c</td>
<td>59c</td>
<td>5.39</td>
</tr>
<tr>
<td>K12259</td>
<td>49</td>
<td>2.06</td>
<td>15c</td>
<td>88c</td>
<td>8.14</td>
</tr>
<tr>
<td>K12268</td>
<td>48</td>
<td>2.06</td>
<td>15c</td>
<td>88c</td>
<td>8.14</td>
</tr>
<tr>
<td>K12249</td>
<td>48</td>
<td>1.95</td>
<td>15c</td>
<td>88c</td>
<td>8.14</td>
</tr>
<tr>
<td>K12248</td>
<td>48</td>
<td>1.95</td>
<td>15c</td>
<td>88c</td>
<td>8.14</td>
</tr>
</tbody>
</table>

**Victor Pilot Bulbs**
Intermediate base, frosted bulb. 110 volts. For Colonial, Victorian and other receivers.

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>K12283</td>
<td>45</td>
<td>2.5</td>
<td>10c</td>
<td>59c</td>
<td>4.90</td>
</tr>
<tr>
<td>K12284</td>
<td>45</td>
<td>2.5</td>
<td>10c</td>
<td>59c</td>
<td>4.90</td>
</tr>
</tbody>
</table>

**Color Coding Enamel**
For color coding coils, terminals, etc. Green, blue, red, yellow and a bottle of thinner. Two brushes are included. Buy your own system of color coding. Adds greatly to appearance of your job.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>K12254</td>
<td>50</td>
<td>6.20</td>
<td>10c</td>
<td>59c</td>
<td>5.39</td>
</tr>
<tr>
<td>K12259</td>
<td>49</td>
<td>2.06</td>
<td>15c</td>
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<td>48</td>
<td>1.95</td>
<td>15c</td>
<td>88c</td>
<td>8.14</td>
</tr>
</tbody>
</table>

**NEON GLOW LAMPS**
Used extensively in test instruments. On d.c. only one electrode glow (the negative). Operate on 105-125 volts a.c. or d.c. except the 5/8 watt take 6 volts for operation on a.c. only (this voltage is the maximum stringing voltage). Minimum operating volts (approx.): on a.c.—60 volts; on d.c.—16 volts.

10% Discount in Lots of 10 (Assorted)

<table>
<thead>
<tr>
<th>Type</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-3%</td>
<td>54c</td>
<td>4.86</td>
</tr>
<tr>
<td>G-4%</td>
<td>54c</td>
<td>4.86</td>
</tr>
<tr>
<td>Argon Blue</td>
<td>36c</td>
<td>3.25</td>
</tr>
<tr>
<td>Red</td>
<td>49c</td>
<td>4.40</td>
</tr>
<tr>
<td>Green</td>
<td>49c</td>
<td>4.40</td>
</tr>
<tr>
<td>Amber</td>
<td>49c</td>
<td>4.40</td>
</tr>
<tr>
<td>White</td>
<td>49c</td>
<td>4.40</td>
</tr>
<tr>
<td>Yellow</td>
<td>49c</td>
<td>4.40</td>
</tr>
</tbody>
</table>

**RESISTORLESS TYPE Double Contact Bayonet Base**
Used in test instruments, noise silencers, voltage regulators, etc. Either S. I. or Euro-GE lamps; highest quality and construction.

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Color</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K12268</td>
<td>41c</td>
<td>36c</td>
<td>41c</td>
<td>36c</td>
</tr>
</tbody>
</table>

**PORCELAIN RECEP TACEENTs For Neon Glow Lamps**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Color</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13331</td>
<td>33c</td>
<td>33c</td>
<td>33c</td>
<td>33c</td>
</tr>
</tbody>
</table>

**Mechanical Enamel**

- K15120 - Brown, 2-oz. can.
- K15128 - Black, 1-oz. can.
- K15124 - Silver, 1-oz. can.

**AMPHENOL “Liquid—912”**

Poly styrene Base
New rupture resistant, clear, colorless resin that is non-hygrosopic and has no loss factor. Ideal for ultra-hi-frequency coils, and for impregnating tubing, fibre, fabrics, etc. It is humidity proof and will keep out moisture from any item that it covers.

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Color</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K15162</td>
<td>4 oz.</td>
<td>22c</td>
<td>22c</td>
<td>22c</td>
</tr>
</tbody>
</table>

**“916-8” Thinner for “912”**

Thinner or solvent for above. Better than any other solvent, since it has a DC resistance of 1000,000 ohms.

<table>
<thead>
<tr>
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<th>Type</th>
<th>Color</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K15164</td>
<td>2 oz.</td>
<td>15c</td>
<td>15c</td>
<td>15c</td>
</tr>
</tbody>
</table>

**MEISSNER Coil & Cement**

**High “Q” Cement. Ideal for R.F. coils, etc. Maintains “Q.” Sticks fast. In 2 oz. cans.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Color</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K13561</td>
<td>3 oz.</td>
<td>29c</td>
<td>29c</td>
<td>29c</td>
</tr>
</tbody>
</table>

**Radio Cement. For use where great tensile strength must be maintained.**

<table>
<thead>
<tr>
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<th>Type</th>
<th>Color</th>
<th>Min. Sc.</th>
<th>Cand.</th>
</tr>
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<tr>
<td>K13562</td>
<td>2 oz.</td>
<td>29c</td>
<td>29c</td>
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<td>29c</td>
<td>29c</td>
<td>29c</td>
</tr>
</tbody>
</table>

**We Will Not Knowingly Be Under sold**
Bamant Tube Shields

Designed especially for the new 1,5 volt bamant glass tubes or other 7 Tubes. Unique close-fitting shields which effectively shield against gas and light from 1. With available with and without grid-cap shields, as described below.

K13289 - Plain shield, with cap. One-piece, and automatic $5.50

K13260 - Same as above, but with short cap and without top grid cap. Type B, 10 For ... 45c

K13261 - Type A. With lead-grid cap and ground clip. 10 For ... 45c

FANNESTOCK Spring Battery Clips

Type A, Screw Mount Double Clip $1.75
Type B, Heavy Duty Battery Clip $1.85
Type C, Screw Wa Mount Single Clip $1.85
Type D, Solderless Mount Clip $1.85
Type E, Solderless Mount Clip $1.95

Stock Lth. Per 50
No. Type Ins. Doz. For
K14323 C 1 10c
K14824 C 1 10c
K14825 A 1 10c
K14826 A 1 10c
K14800 B 1 ea.
K14801 D 1 ea.
K14802 E 1 ea.

Mounting Lugs of cadmium-plated steel. Hole in flat end for 6-32 screws; threaded end 6-32. For securing shield to chassis, bases, etc.

K14395 - Per 10 $2.50

RUB-R-SHIM

Strips of lively sponge rubber coated with adhesive on one side. 10 ft. rolls.

Stock No. Width, l. 5.5 x 6.5
K14861 1/4" 20c
K14862 1/2" 20c
K14863 3/4" 20c

Battery Clips

K16060 - 1/4" long 10 For 25c, Each
K16061 - 1/4" long 10 For 25c, Each
K16062 - 2/4" long 10 For 25c, Each
K16063 - 3/4" long 10 For 55c, Each

Insulating Pitch

K14846 - 1-pound can

Your Cost $1.39

K14845 - 1-gallon can

Your Cost $29.00

Jacket Type Tube Shields

Will form-fit all Type A tubes. Shields consist of two halves held snugly to the tube by a spring ring. Comes complete with ground clip to be held between mounting bolts against shield.

K12258 - For ST-14 bulbs with or without cap, such as 24A, 3A, 25A, 0A, 28, 29, 34, etc...

Your Cost Each $5.00

“ST” Type Tube Shields

For 56, 57, 58, etc., type tubes. Three pieces—base, bell cap, shell diameter 1/8". Overall height 1/8". Natural bright aluminum.

K13265 - $7.50

K13271 - $10.00

Metail Tube Grip Cap Shilds

For use with screen grid metal tubes. Oxidized finish.

K13127 - $4.00

Aluminum Coil Shields

Bright finish aluminum. Laminates near bottom for bolts.

K12650 - $2.45

K12654 - $2.45

Your Cost Either Type $9.00

Bakelite Tubing

In nature smooth black. 9/16" thick wall.

Cut to your length, any Stock Out. Per Per Doz. Foot. For
K13150 1" 34c 3c
K13155 1 1/4" 45c 3c
K13160 1 1/2" 55c 3c
K13165 1 1/2" 55c 3c
K13170 2" 60c 3c
K13175 2 1/2" 65c 3c
K13180 2 1/2" 65c 3c
K13185 2 1/2" 65c 3c
K13190 3" 70c 3c
K13195 3" 70c 3c
K13200 3 1/4" 75c 3c
K13205 3 1/4" 75c 3c
K13210 3 1/4" 75c 3c
K13215 3 1/4" 75c 3c
K13220 3 1/4" 75c 3c
K13225 3 1/4" 75c 3c

Metal and Glass Tube Cap

For Standard Glass Tubes. With wire mesh and clips.

Your Cost Each $1.00

K14985 - Per Doz. 8c

Screen Grid Clips

Miniature Clips for Metal Tubes. Wire mesh.

For Glass Tubes $8.00

Your Cost Each $1.00

“ST” Type Tube Shields

For 56, 57, 58, etc., type tubes. Three pieces—base, bell cap, shell diameter 1/8". Overall height 1/8". Natural bright aluminum.

K13265 - $7.50

K13271 - $10.00

Metal & Glass Tube Cap

Fits either type. With 1/16" hole and pin tip. Red or black. Specify color with order.

Your Cost Each $1.00

K11728

Rubber Insulated Clip

Screw for tapping on. Fits any tubular Sharp, with adjustable grip. Each with approx. 1/2" lead. Type Each $7.50

K11620 - For 866, etc., 5c
K11621 - Glass tubes, etc., .50c
K11622 - Metal tubes.

X'mitting Tube Plate Cap

With cooling fins and heavy contact. Dia. 1 1/2".

K11623

Your Cost Each $59.00

Adjustable Clip-on Service Bench Lamp

Sways 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 swivel at lamp socket. Arms 34" long; clamp forms to 2" thickness. With shade, cord, and plug. Statu- ary bronze finish. Shpr. wt. 9 lb.

Your Cost Each $4.90

"Brush-on" Metal Cleaner

Comes and polish all metals, instantly. Noninflammable. Non-abrasive. 4 oz. bottle.

K13361 - Each $20.00

DUCCE Cement

Excellent for repairing speaker cones, cementing grill cloth, etc. 5 oz. 8c

K13571

6-RYARD Spool of Spaghetti

High grade varnished cambric tubing, No. 12 size. American made.

K13552 - Red $8.50
K13553 - Yellow $8.50
K13554 - Black $8.50

Per 6-Yard Spool $53.00

MEUILLER Battery Clips and Insulators

Spring actuated battery and test clips. Insulators as shown, cover entire clip.

K11324 - $5.25

K116030 - For 54c.

K116031 - For 72c.

K116032 - For 90c.

K116033 - For 1.00.

PEE WEE CLIP – 1/4" cadmium plated. No. 45...

K116034 - For 29c.

K116035 - For 32c.

K116036 - For 36c.

K116037 - For 40c.

You Cost Each $4.00

K116038 - For 45c.

You Cost Each $7.00

K116039 - For 54c.

You Cost Each $7.00

K116040 - SMALL CLIP—2" end plate. No. 46B...

K116041 - For 54c.

K116042 - For 63c.

K116043 - For 72c.

You Cost Each $9.00

K116044 - For 54c.

You Cost Each $9.00

K116045 - For 63c.

You Cost Each $9.00

K116046 - For 72c.

You Cost Each $9.00

K116047 - For $1.37.

You Cost Each $17.00

MEULLEER Wee-Pee-Wee Clips

Ferrous R.F. Clip

With No. 60 wire in high-freq. circuits. Ideal for tapping coils. Length 1 1/4". Completely insulated with Red or Black rubber jacket. Specify color No. 88-88

K113605 - $1.90

K113606 - For 40c.

You Cost Each $8.50

MEUILLER Insulated Grid-Clip Assembly

Specially constructed to grip and stand erect on any grid cap. Complete with 10 1/2” wires. Black rubber-mounted plate. No. 24...

K116025 - For 50 c.

K116026 - For 65 c.}

K116027 - For 80 c.

You Cost Each $15.00

K116028 - Rubber insulators for either of the above. No. 85, as above, less tip.

K116029 - Each $5.00

K116030 - Each $10.00

K116031 - Each $10.00

No. 27 Laboratory Clip

High-grade clip, with mesh teeth on three sides. For lab and shop test. 8 lb. mesh. 7/8" dia. Brass-plated. No. 27...

K116032 - For 60c.

K116033 - For 75c...

K116034 - For 90c.

You Cost Each $16.00

K116035 - For 82c.

You Cost Each $12.00

To Speed Handling of Your Order — Use Our Order Blank
Tapered Lugs
Fits over all screws up to No. 10; Shank fits banana plugs 1¼" long, ¼" wide. Use with any soldering. K12954

Wing Nuts
Brass, nickel-plated. Have numerous uses. Each
K12926 3-32 4c
K12927 8-32 4c
K12928 10-32 5c
K12929 ¼-20 6c
Per 100 (assorted) $2.95

Escutcheon Pins
Antique Bronze finish—long. For fastening all types of escutcheons or nameplates. Each
K14765 ¼" x 32 10 for $0.15

Stock No. Thread 

Per Dozen

Wing Nuts 12c

Round Head Mach. Screws (A) Nickel-plated

No. Quantity Size
K14650 100 4-36 x 1/4" long
14c
K14652 100 6-32 x 1/4" long
14c
K14655 70 6-32 x 1 5/16" long
14c
K14656 75 6-32 x 1 7/8" long
14c
K14657 70 8-32 x 1 5/16" long
14c
K14658 65 8-32 x 1 7/8" long
14c
K14659 60 10-32 x 1 5/16" long
14c
K14660 50 10-32 x 1 7/8" long
14c

Nickel Plated Hex Nuts (B)

No. Quantity Size
K14663 100 4-36 x 1/4" long
14c
K14664 100 6-32 x 1/4" long
14c
K14665 90 6-32 x 3/8" long
14c
K14666 80 6-32 x 5/8" long
14c
K14670 45 10-32 x 1/4" long
14c

Washers (D)

No. Quantity Type
K14671 150 #6 Plain Brass
14c
K14672 150 #8 Plain Brass
14c
K14673 100 #10 Shakerproof
14c

Radiator Hardware

The most convenient, neatest way to keep your small hardware in glass jars with screws on cap.
Your Cost, Any Jar 24c

P-K Self-Tapping Screws (C)

No. Quantity Size
K14665 50 No. 4 x 1-1/4"
14c
K14667 45 No. 6 x 1-1/4"
14c
K14668 40 No. 8 x 1" long
14c
K14669 35 No. 10 x 1" long
14c
K14670 45 No. 10 x 1-1/4"
14c

100 Piece Set Builder’s Hardware Assortment Contains 20 each 6-32x10, 8-32x10; 50 6-32x10, 80 6-32x10 nuts, 60 lockwashers. K14830—Per Kit 35c

Nickedel Brass Machine Screws

6-32 Round Head Screws Stock No. Length: Dz. Gross
K14750 ¾" 3c 26c
K14752 1" 3c 36c
K14753 1¼" 5c 56c

8-32 Round Head Screws
K14755 ¾" 5c 50c
K14756 1" 6c 1.00
K14757 1¼" 7c 60c

6-32 Flat Head Machine Screws
K14760 ¾" 3c 36c
K14762 1" 4c 40c
K14764 1¼" 5c 50c

6-32 Oval Head Machine Screws
K14770 ¾" 3c 40c
K14772 1" 4c 40c
K14774 1¼" 5c 60c

Cadmium-Plated Steel Machine Screws & Nuts 6-32 Round Head Steel Screws Stock No. Length Per 100 Per Kilo
K14922 10c $0.58
K14923 11c 1.10
K14924 12c 1.70
K14925 13c 1.80
K14926 15c 1.85
K14927 1¾" 20c 1.80

8-32 Round Head Steel Screws
K14929 10c 0.60
K14930 11c 0.65
K14931 12c 0.70
K14932 13c 0.75
K14933 15c 0.80
K14934 1¾" 25c 1.40

Cadmium-Plated Steel Hex Nuts K14439 6-32x1¼" 15c 1.40
K14440 8-32x1¼" 15c 1.55

Nickel-Plated Brass Round Head Wood Screws Stock No. Size Length: Dr. Gross
K14780 6-32x1 4c 40c
K14781 8-32x1 1.5c 50c
K14782 10-32x1 1.5c 50c

Hex Nuts, Knurled Nuts, & Washers, Nickedel Brass

K14804—6-32x1¼" hex. nuts. Envelope of 20; Net 5c
K14805—8-32x1½" hex. nuts. Envelope of 20; Net 7c
K14806—6-32x1½" hex. nuts. Envelope of 16; Net 5c
K14807—8-32x1½" hex. nuts. Envelope of 16; Net 7c
K14808—6-32x1¼" knurled nuts. Envelope of 6; Net 5c
K14809—No. 8 washers. Envelope of 25; Net 5c
K14810—No. 8 washers. Envelope of 100; Net 8c

Heavy Duty Copper Lugs

For battery terminals, for lines carrying high currents, etc. 1¾" long. No. 8 slot. 100 No. 6, 100 No. 10; K14922—Your Cost per 10 6c

Perfect Merchandise - Prompt Shipment - Personal Service 137
Cotton Twisted Pair
18 Gauge, 4% R.C. wire with a cotton covering offered at prices below the actual market. 2 colors—white or yellow and green. Specify color you desire.
K1122 — Your Cost Each
100 Ft. 250 Ft. 1000 Ft.
95c $2.25 $8.40

Heavy Twisted Pair
Standard rubber wall, 14 gauge, finest wire obtainable for jobs that call for a wire of large current carrying capacity. Shpg. wt. 6 lbs. per 100 ft.
K13890 — Your Cost, Per Foot
Per 100 Feet $2.15

RESISTANCE WIRE
Three standard sizes furnished on one spool, to speed care of all repair shops. 10 ft. coated, 100 ft. uncoiled and 50 ft. of ribbon. Shpg. wt. 3 lbs.
K13325 — 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 to be easily separated without fear of ruining the insulation. In black, ivory and brown, any color desired. Shpg. wt. per 100 ft., 3 lbs.
K12050 — 18 Gauge—Your Cost Each
$1.10 ARMORED CABLE
For auto, radio, outdoor, O.P. systems and oil burner installations. Armored when grounded acts as shield. Ship No. 100 Ft. 8 lbs. Stock No. 100 Ft. 3 lbs.
K20855 — 1-Cond. 2c $1.60
K20856 — 2-Cond. 4c $3.75
K20857 — 3-Cond. 6c $5.40
K20858 — 4-Cond. 7c $6.90
K20859 — 5-Cond. 9c $8.75
K20860 — 6-Cond. 11c $10.50
K20861 — 7-Cond. 13c $12.50
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. Per Ft.
K20945 — 15-wire 25c $2.75
K20946 — 16-wire 4c $3.75
K20947 — 18-wire 6c $4.60
K20948 — 19-wire 8c $5.40
K20949 — 20-wire 10c $6.25

Asbestos Heater Cord
Heavy asbestos covered wire with an overall braid of tightly woven rayon. Used on toasters, electric cooking pads, etc.
K20931 — Your Cost Per Ft. 100 Ft. 500 Ft.
$1.25 $5.50

Cable Outlets
Replace conventional type. Metal rubber protective boot. Take cables with
CABLE CLAMP (A)
K11545 — Plug Receptacle 24c Ea.
K11546 — Plug Receptacle 21c Ea.
WITH SIDE OUTLET (B)
K11547 — Plug Receptacle 24c Ea.

1.25

AMPHENOL Flush-Plug Receptacle
Set in drawn steel, burnished nickel- plated shell. For below surface mounting on all types of appliances. Heat and compact. Overall diameter of shell mounting center 1 3/4". K11504 — Female Plug Receptacle
K11505 — Male Plug Receptacle.
Your Cost Each, Either Type Listed above.

1.25

Parallel Silk Lamp Cord
Popular type for connecting radio receivers, lamps, etc. Overall covering of silk braid.

12 Gauge—4 Wire
K20836 — Brown K20837 — Old Gold
100 Ft. 85c $3.90
20 Gauge—4 Wire
K20838 — Maroon K20845 — Brown
100 Ft. 65c $2.10

1/2" $5.10

Power Cord and Plug
Attractive, hi-quality 6-foot cord with sturdy plug. For replacement on sets, appliances, etc.
K13305 — Your Cost Each
$12.00

Plug Fuses
High quality house fuses. Have crystal mic, windows for easy inspection. All are plainly marked.
K13206 — 6 A K13209 — 30 A
100 Ft. 69c 500 Ft. 3.95
K13207 — 15 A K13210 — 20 A
100 Ft. 55c 500 Ft. 2.95

CARTRIDGE FUSES
STANDARD CARTRIDGE FUSE TYPES
10 F. Each $5.95 15 For $1.75

Feeds-Through Switch
Bakelite, Compact and very sturdy.
Push Button
Pearl button. General Purpose. K12830 — 10 F.
$1.10

Bell Ringing Transformer
Primary 110 volts. Secondary 6-8 volts. Wire leads on primary, posts on secondary.
K13245 — Each 45c

Flattiron Element
Fits over 90% of the standard irons, including G.E. Hot Point, Sun- beam, etc.
K12960 — Each 19c
$1.83

Heater Elements
Best grade resistance wire, truly standard base to fit all heaters.
K13305 — Straight 27c
$2.50
K13304 — Shape 10 For $1.55
K13307 — Shape 10 For $1.83

Nickel Chrome Element
For unit spiral wound elements. Exact size.
K13317 — dia. 6" Ea. 7c
K13318 — dia. 6" Ea. 12c

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
**H LOG-UP and MAGNET WIRE**

**Plain Enamelled**
- Stock Size: 4 lb., 3 1/2 lb., 1 lb.
- Your Cost: 90¢

**Spaghetti and Bus Bar**
- Highest grade of enamelled tubing.
- 6¢ per 10-inch length
- Your Cost: 5¢

**Round Tinned Copper Bus Size No. 14—2-Foot Lengths**
- 10 ft., 100 ft.
- Your Cost: 14¢

**BELDEN Test Pro Lead Wire**
- Stock: 18 ga., 14 ga., 12 ga., 10 ga., 8 ga.
- Your Cost: 22¢

**Batterv Cable**
- A high-grade, heavily insulated cable with each lead labeled and color for easy identification.
- Stock No. 16-200, 22-200, 24-200
- Your Cost: 6¢

**Service Wire Kit**
- Contains about 200 feet total of lengths from 4" to 24".
- 18 gauge wire, rubber insulated, color-coded.
- Includes spool, hooks, etc.
- Your Cost: 25¢

**Double Silk Covered**
- Stock: No. 18-20, 20-24, 24-28, 28-32, 32-40
- Your Cost: 10¢

**HANDY SIZE SPOOLS OF MAGNET WIRE**
- For those needing less than 1/4 lb. of magnet wire, these handy-sized spools have been made available.
- All are wound on spools and marked. Number of sizes and sizes available:
  - Your Cost: 13¢

**TELEPHONE WIRE**
- Great use in general work, especially for inter-communication phones in private residences.
- No. 19 Gauge: 2-Conductor
- Your Cost: $0.15

**WIND CHARGER WIRE**
- For windchargers and farm power plants.
- Your Cost: $0.15

**Belden Television Wire**
- For high-voltage voltage circuits and television receivers, etc.
- Made of special rubber compound with Pyro-glaze neoprene and braided fiberglass to protect from sun and heat.
- Your Cost: $0.15

**Stranded Tinned Copper Core Type**
- Very flexible wire of multi-stranded tinned copper; equivalent to No. 20. Copper clad; easy to work. Available in 4 colors.
- Your Cost: 11¢

---

**Silk-Covered Litz Wire**
- Has lower risistance than any other wire for t.f. coils, loop antennas, etc.
- 12¢

**Giant Sleeving**
- 7/8" inside diameter, 56" long. Black, Red, yellow, green, red.
- Your Cost: 24¢

**Bujee Wire**
- An excellent grade of No. 20, 22, 24, 26, 28, 30, 32, 36, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320, 340, 360, 380, 400, 420, 440, 460, 480, 500, 520, 540, 560, 580, 600, 620, 640, 660, 680, 700, 720, 740, 760, 780, 800, 820, 840, 860, 880, 900, 920, 940, 960, 980, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000, 3200, 3400, 3600, 3800, 4000, 4200, 4400, 4600, 4800, 5000, 5200, 5400, 5600, 5800, 6000, 6200, 6400, 6600, 6800, 7000, 7200, 7400, 7600, 7800, 8000, 8200, 8400, 8600, 8800, 9000, 9200, 9400, 9600, 9800, 10000, 12000, 14000, 16000, 18000, 20000, 22000, 24000, 26000, 28000, 30000, 32000, 34000, 36000, 38000, 40000, 42000, 44000, 46000, 48000, 50000, 52000, 54000, 56000, 58000, 60000, 62000, 64000, 66000, 68000, 70000, 72000, 74000, 76000, 78000, 80000, 82000, 84000, 86000, 88000, 90000, 92000, 94000, 96000, 98000, 100000, 120000, 140000, 160000, 180000, 200000, 220000, 240000, 260000, 280000, 300000, 320000, 340000, 360000, 380000, 400000, 420000, 440000, 460000, 480000, 500000, 520000, 540000, 560000, 580000, 600000, 620000, 640000, 660000, 680000, 700000, 720000, 740000, 760000, 780000, 800000, 820000, 840000, 860000, 880000, 900000, 920000, 940000, 960000, 980000, 1000000.
Neon Arresters

BRACH "Visi-Glow" Neon Arresters

Uses a neon tube instead of an arc or spark. Fully Underwriters Approved. Shipped w/t 11" for the doublet type of antenna. Is of the air-gap type and carefully insulated from ground. Housed in heavy, glazed porcelain. K16956—10 for $1.40

Your Cost Each 17c

Arrester for Doubles

A new approved arrester with built-in r.f. shield. Shipped w/t 5" for the doublet type of antenna. K16701—Your Cost 78c

Porcelain Arresters

ONLY 7c EACH

Housed in brown, glazed porcelain. Approved. With insulated parachute terminals. 1x13x334" overall. K16753—Your Cost Each 7c

Doublet Lead-in Strip

Consists of two rubber-covered insulated wires. Well insulated and not affected by heat or cold. Glazed porcelain. K16952—Your Cost Each 9c

Per 10—73c

Single With Clips

K1702—10 for 23c

Your Cost Each 3c

Single With Terminals

Copper core with water-proof insulation. 12" long. Has new screw terminals which permit tightening connections. K16700—10 for 46c, Each 5c

Pipe Strips

Broad copper clamp adhesive material that fits any size pipe up to 3" in diameter. Has clip for attaching ground strap. K1702—Your Cost Each 3c

10 for 25c

100 for 2.25

Special Ground Clamp

Makes a wise-like grip on pipe. Sharp-pointed screw penetrates paint and rust and makes perfect contact with clean metal. Has nut on screw. K1704—Your Cost Each 1c

10 for 22c

100 for 1.95

Plated Ground Rods

Used wherever a ground pipe is not available. Heavy steel yoke for driving head. 1/2" unthreaded. K1787—No. Feet Each Per 10 7c 1.20 6 3c 5.40

K17188

RCA Magic Wave Antenna Coupler

For use with all types of antienna standards. Doubles or vertical rod reduces noise on all bands. Easily installed. May be adapted to existing installations. For any length antenna and transmission line. K17076—Your Cost Each 49c

Universal Coupler

With Change-Over Switch For ALL BANDS

K17086—Your Cost Each 1.00

Made of the finest copper obtainable. All rolls are guaranteed to be for any type aerial. K16041—Stock No. Size Per 10 25c 52c 1.13 1.25 5c 1.55 4.00

K16043—25c 25c 2.40 3.50

Bare Stranded—75 Ft. Coils

Stock No. Size Per 10 25c 52c 1.13 1.15 5c 1.55 3.00

K16116—7/24 34c $3.30 $5.60

K16127—7/22 32c $3.20 $5.30

K16129—Stock No. Size Per 10 25c 52c 10c per ft. 1-1/2

K16118—No. 14 35c $3.35 $5.25

K16123—No. 12 30c $3.00 $5.00

K16125—No. 10 25c $2.75 $4.75

K16104—No. 8 25c $2.50 $4.35

K16105—No. 6 25c $2.20 $3.75

K16107—No. 4 25c $1.85 $3.30

K16109—No. 2 25c $1.50 $2.80

ENAMELED STRANDED COILS

K16188—Stock No. Size Per 10 25c 52c 1.13 1.25 5c 1.55 4.00

K16190—25c 25c 2.40 3.50

Bare Stranded—100 Ft. Coils

K16116—7/24 34c $3.30 $5.60

K16127—7/22 32c $3.20 $5.30

K16129—Stock No. Size Per 10 25c 52c 10c per ft. 1-1/2

K16118—No. 14 35c $3.35 $5.25

K16123—No. 12 30c $3.00 $5.00

K16125—No. 10 25c $2.75 $4.75

K16126—K16124—No. 8 25c $2.50 $4.35

K16125—No. 6 25c $2.20 $3.75

K16125—No. 4 25c $1.85 $3.30

K16109—No. 2 25c $1.50 $2.80

100-FOOT SPOOLS

These 1000-foot spools are put up especially for servicemen, dealers, and amateurs. The purchase of aerial wire in this quantity eliminates loss due to "leftovers" or short, unusable pieces. Enamelled Stranded—75 Ft. Coils

K16044—7/24 25c $2.40 $5.90

K16045—7/22 33c $3.00 $7.90

K16217—1000-ft. spool

Your Cost Each 3.30

Transmission Cable

K16045—7/22 33c

Transmission Line K16217—1000-ft. spool

Your Cost 3.30

K16219—500-ft. Roll

Your Cost 4.45

K16220—50 ft. Roll

Your Cost 95c

K16221—500 ft. Roll

Your Cost $4.45

Shielded Transmission Line

A 10-strand wire covered with live rubber, a lacquered cotton braid and a woven, tinned shield. K16240—60 ft. 100 ft. 500 ft. Your Cost Each 45c 85c $1.95

Universal Coupler

With Change-Over Switch For ALL BANDS

K17086—Your Cost Each 1.00

For 10 $1.00

For 100 $5.00

Porcelain Insulators

Strain insulators made of glazed porcelain. K16826—2-1/4"

Your Cost Each 21/2c

For 10 $1.70

For 100 $17.00

RCA Wave Magic Antenna Coupler

K16776—Built-in lightning arrester. Wi.

K16751—Your Cost 1.18

Wind-Pole Aerial

Case consists of three steel sections totaling 8 feet 10" in length. Mounts on any window sill by means of the finished steel clamp. Requires no wires, or roof work. Insulated wind-in strip included. K1647—Your Cost 1.95

Indoor Antenna Wire

Consists of 20 strands of flexible copper wire covered by a mercurisedgalvanised steel. Suitable for a.c. or d.c. antennas. 25-ft. length.

K15155—Your Cost 10c

"QUICK-UP" AERIAL

Low resistance wire mounted on adhesive tape. May be concealed anywhere with no work. K1560—Your Cost 35c

Insulated Staples

For holding inside lead-in and ground wires in place. K15550—Your Cost Each 10c

Glass Insulators

Special tempered glass, unaffected by heat or cold. High tensile strength. Ridge. K16348—No. 7-1/4"

Your Cost Each 1/2c

Lots of 100 $1.60

K16349—1-1/2"

Your Cost Each 2c

Lots of 100 $2.20

K15851—3-1/2"

Your Cost Each 5c

Screw-In-Knobs

For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain knob in screw 3/4". K1672—Net each 10 for 17c 100 for $1.60

K1686—7-1/2"

Your Cost Each 2c

10 for 26c 100 for 52c

Aerial Tension Spring

Automatically keep proper tension in aerial and prevents sag. Case consists of 2 hooks with porcelain rings interconnected with 50-ft. Shp. wt. 1 lb. K1647—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 60 feet stranded lead-in. K1647—Your Cost Each 1.95

No-tenna

Does away with outdoor antenna. Eliminates fire and lightning hazards. Compact, easy to connect. K1629—Your Cost Each 59c

25-ft. hank.

K15135—Your Cost 10c
Antenna Loops for Midgets and Portables

Ideal for battery and midget set or portable. Replaces antenna coil, coil, giving优良 fall-out and excel- lent selectivity. Inductance slightly higher than original, permitting removal of turns for adjustment.

K14650
Your Cost Each $4.49
K14651
Your Cost Each $4.75

ICA "Tenna-Scope"
New style, built-in tuned radio antenna for connection to 4-wire and 2-wire receivers. No circuit changes necessary. Provides better selectivity and higher signal-to-noise ratio. Ajustment on unit wire. Wt. 2 lbs.

K14670
Your Cost Each $1.03

JFD Vertical 12 Foot Antenna

Easily and quickly attached to Globe type 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 coupling new or old sets. 4-section, 12 ft. in length extended. Made of Admiral, metal, nickel plated. De-Luxe Model, supplied complete with adjustable bracket, lightning arrestor, stand-off insulator, 40 ft. lead-in wire and mfr. screws.

K21222
Each $2.50
K21236—Standard Model. Same as above, but made of Brass, nickel plated. 12 ft. length extended in bracket and 40 ft. stranded lead-in wire.

Your Cost Each $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. Permits lightening rod to be used as window pole antenna if so desired. Fits into problem of good aerial in minimum of space. Built-in lightning arrestor for better protection; prevents accumulation of lightning charges in vicinity of aerial thus acting as a lightening rod. Ordinary lead-in wire may be used with this kind of aerial. Separate lead-in kit available, includes: 40 ft. lead-in wire, 6" standoff insulator; 2 nail knobs; lead-in strip; 10 ft. ground wire; ground clamp. Shpg. wt. 1 lb.

K17140
Your Cost Each $1.76
K17148—Lead-In Kit

Radio Wire Television Inc. Wholesale Radio Service Co., Inc.
**Belden Aerial Wire**

- **Finest grade copper**, heavily enamelled. The 1000 ft. length is wound on a steel tower soil. Shpg. wt. per 100 ft. .4 lbs.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16252-7</td>
<td>7x20 Belden</td>
<td>.50</td>
<td>.58</td>
</tr>
<tr>
<td>16299-7</td>
<td>7x22 Belden</td>
<td>.60</td>
<td>.66</td>
</tr>
<tr>
<td>16271-14</td>
<td>14 ft.</td>
<td>.20</td>
<td>.20</td>
</tr>
<tr>
<td>16270-100</td>
<td>100 ft.</td>
<td>.05</td>
<td>.05</td>
</tr>
</tbody>
</table>

**Solid deldenamel**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16220-12</td>
<td>12 ft.</td>
<td>.00</td>
<td>.00</td>
</tr>
<tr>
<td>16179-500</td>
<td>500 ft.</td>
<td>2.67</td>
<td>2.67</td>
</tr>
<tr>
<td>16221-100</td>
<td>100 ft.</td>
<td>.00</td>
<td>.00</td>
</tr>
<tr>
<td>16179-1000</td>
<td>1000 ft.</td>
<td>.03</td>
<td>.03</td>
</tr>
</tbody>
</table>

**Lead-in Wire**

- Easy strip—easily soldering. All made of 7 strands tinned copper with heavy rubber sheath. Shpg. wt. per 100 feet, 3 lbs.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16225-14</td>
<td>14 O.D.</td>
<td>.174</td>
<td>.174</td>
</tr>
<tr>
<td>16357-1250</td>
<td>1250 ft.</td>
<td>.60</td>
<td>.60</td>
</tr>
</tbody>
</table>

**Belden Indoor Aerial**

- Special non-kink flexible wire. Ideal for A-D-C, secta and winding loops. Made of 65 strands of .038 copper wire.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16152-5</td>
<td>Brown Rayon</td>
<td>.59</td>
<td>.59</td>
</tr>
<tr>
<td>16152-10</td>
<td>Brown Rayon</td>
<td>1.24</td>
<td>1.24</td>
</tr>
<tr>
<td>16152-100</td>
<td>100 ft.</td>
<td>.26</td>
<td>.26</td>
</tr>
</tbody>
</table>

**Cables**

- **TRANSMISSION LINE CABLE**

**Shielded Rubber Sheathed Gray Cable**

- 20 Gauge stranded tinned conductor with rubber wall. Very flexible. Conductors are tinned, rubber, and shielded, covered with rubber sheath. Fine for carbon mikes.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>20876-2</td>
<td>.280</td>
<td>.32</td>
<td>.32</td>
</tr>
<tr>
<td>20878-4</td>
<td>.355</td>
<td>5.59</td>
<td>5.59</td>
</tr>
</tbody>
</table>

**Unshielded**

- Specially designed for portable amplifiers with one to three remote mikes. Conductors are 1/0 gauge, copper, solid, .04" rubber wall, colored code. They are suitable for general use, including rubber sheath and winter conditions.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>20871-2</td>
<td>.245</td>
<td>3.21</td>
<td>3.21</td>
</tr>
<tr>
<td>20871-4</td>
<td>.300</td>
<td>3.85</td>
<td>3.85</td>
</tr>
<tr>
<td>20871-6</td>
<td>.375</td>
<td>5.20</td>
<td>5.20</td>
</tr>
</tbody>
</table>

**Shielded Wire**

- All-around rubber cord with rubber molded plug at each end. Rubber molded plug at each end; deluxe "Core" heat plug, factory sealed. ABS. All the above are new design.

<table>
<thead>
<tr>
<th>No.</th>
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<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16160-14</td>
<td>14 ft.</td>
<td>.15</td>
<td>.15</td>
</tr>
<tr>
<td>16160-300</td>
<td>300 ft.</td>
<td>.30</td>
<td>.30</td>
</tr>
<tr>
<td>16160-1000</td>
<td>1000 ft.</td>
<td>.03</td>
<td>.03</td>
</tr>
</tbody>
</table>

**Extension Cords**

- All purpose service extension cords with duplex Belden breakable rubber service blocks (two-way tap) at one end and all rubber molded plug at the other. Belden 71000 extra flexible lamp cord. Fully Underwriters' Approved.

<table>
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<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16100-14</td>
<td>14 ft.</td>
<td>.15</td>
<td>.15</td>
</tr>
<tr>
<td>16100-300</td>
<td>300 ft.</td>
<td>.30</td>
<td>.30</td>
</tr>
<tr>
<td>16100-1000</td>
<td>1000 ft.</td>
<td>.03</td>
<td>.03</td>
</tr>
</tbody>
</table>

**Deluxe Iron Cord**

- 8-FT. 3000 cycle cord. Unbreakable soft rubber plug at one end; deluxe "Core" heat plug, factory sealed. ABS. Combination-proof, heavy wire braid over conductors gives longer life than any other cord. In handy transport box.

<table>
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<tbody>
<tr>
<td>16160-14</td>
<td>14 ft.</td>
<td>.15</td>
<td>.15</td>
</tr>
<tr>
<td>16160-300</td>
<td>300 ft.</td>
<td>.30</td>
<td>.30</td>
</tr>
<tr>
<td>16160-1000</td>
<td>1000 ft.</td>
<td>.03</td>
<td>.03</td>
</tr>
</tbody>
</table>

**Light Duty**

- 6-ft. 3000 cycle cord with rubber plug and standard light duty receptacle. 7 Millimeter. Ideal for use in radio installations. One of standard 7 mm. lacquered rubber covered by corded shielded protector. Shpg. wt. 100 ft. .6 lbs.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16124-14-1</td>
<td>14 ft.</td>
<td>.15</td>
<td>.15</td>
</tr>
</tbody>
</table>

**Ignition Wire**

- 7 Millimeter. Ideal for use in car radio installations. One of standard 7 mm. lacquered rubber covered by corded shielded protector. Shpg. wt. 100 ft. .6 lbs.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per 100 ft.</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>16124-14</td>
<td>14 ft.</td>
<td>.15</td>
<td>.15</td>
</tr>
</tbody>
</table>
PHILMORE CRYSTAL RADIO RECEIVERS

THE “SUPERTONE”

The glass-enclosed super-sensitve crystal set is complete with a matching bakelite case and at home with a screwdriver plug, all consolidated. Single control knob. Extra crystal is meter-tested after selection on actual reception. K13888 — $6.99 Your Cost *

THE “LITTLE WONDER”

Uses a super-sensitive detector crystal and tunes over the broad, cast band. Will furnish top priced radio receiver ever made. Uses single-contact side-tuning. Just connect phones and aerial and many stations are heard with good volume.

K13889 — $5.29 Your Cost

The “Selective” Cabinet Model

The circuit of this metal-cabinet-encased 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. K13880 — $2.35 Your Cost, Complete with crystal.

“TINY-TIM” 1 Tube


“DWARF” 1-Tube Portable

Now using the new type 1E4G tube this very popular model is available with more volume than ever before. Two controls. Comes complete with 1-1/224" eggphone, 2 two-cell #900 batteries and complete instructions. 65 x 45 x 3 1/2". New airplane luggage case. Weighs only 3 lb. Shpg. wt. 3 lbs. K13849 — $3.90 Your Cost, Complete.

NEW PHILMORE 3-TUBE BATTERY KIT

A real sensation! A complete 3 tube-all-wave battery set complete with a permanent magnetic speaker in form, so that you can enjoy and quickly assemble at home with a screwdriver plug, all consolidated. Single control knob. Extra crystal is meter-tested after selection on actual reception. K13901 — $10 for $1.10.

Cost.

Super-Sensitive Crystal

More stations and gets them louder. Easy crystal is meter-tested after selection on actual reception. K13900 — $5.00 Your Cost

Mounted Galena Crystal

Galena (lead sulphide) has been used for years because of its extreme activity. These units have been carefully selected and tested. 10 crystals for $1.10.

K13916 — $22.00 Each

Midget Model—TEE-NIE Complete Crystal Outfits—Deluxe Model

Looks like a real power set. Genuine walnut cabinet. Pre-tested crystal. Calibrated dial. Complete outfit to include 3 tubes of crystal. Wire, 43 1/2 x 5 1/2 x 2 1/2". Shpg. wt. 3 lbs. Your Cost $1.31 K13821 — Set only, less phone and wire.

ICA Crystal Set Kit

A complete kit for building your own radio set. Easy to build—has good volume and is a real nice looking job. Adjustable glass crystal covered receiver. K13855 — $2.00 Your Cost, Each

Steady with Crystal

Ball and socket swivel arm for contacting any point on crystal quickly and easily. Attractive. Mounted. Furnished with a clip terminal tested for extra sensitivity. Clip terminals. K13817 — $12.00 Your Cost

Fixed Crystal Detector in Bakelite Case

Supersensitive point by meter and fixed permanently. In Bakelite case with screw connections. K13313 — $4.30 Your Cost

CRYSTAL SETS and Accessories

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 tuning into yourself—it’s simple and instructive. It employs plug-in coils which permits tuning from 13 to 530 meters; this covers foreign and American broadcasts, ships at sea, etc. The standard broadcast coil is supplied and if you should want either a.c. or d.c. tubes 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 $1.65 Eveready batteries: No. 585 (65 v.), No. 6 (1 1/2 v.).

2-TUBE A.C.-D.C. SET


K13846 — As above, but wired. Your Cost $2.65 Two type 6 tubes. Net .56

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 finish. More sensitive than ever. Complete with one coil for broadcast (14-240 meters). K13853 — Kit, less tubes. Your Cost $3.23 Two type 76 tubes. Net .56

ICA Crystal Set Kit

A complete kit for building your own radio set. Easy to build—has good volume and is a real nice looking job. Adjustable glass crystal covered receiver. K13855 — $2.00 Your Cost, Each

Steady with Crystal

Ball and socket swivel arm for contacting any point on crystal quickly and easily. Attractive. Mounted. Furnished with a clip terminal tested for extra sensitivity. Clip terminals. K13817 — $12.00 Your Cost

Fixed Crystal Detector in Bakelite Case

Supersensitive point by meter and fixed permanently. In Bakelite case with screw connections. K13313 — $4.30 Your Cost

Midget Model—TEE-NIE Complete Crystal Outfits—Deluxe Model

Looks like a real power set. Genuine walnut cabinet. Pre-tested crystal. Calibrated dial. Complete outfit to include 3 tubes of crystal. Wire, 43 1/2 x 5 1/2 x 2 1/2". Shpg. wt. 3 lbs. Your Cost $1.31 K13821 — Set only, less phone and wire.

To Speed Handling of Your Order—Use Our Order Blank

143
BRANDES "Admiral" Headphones
Compact, efficient phones featuring powerful magnets, molded caps, stainless steel headbands with new type adjustable clamps, concealed spring. With 6-ft. cord $1.89
Per Set  K13928—2000 ohms $2.06
K13929—3000 ohms $2.49
Your Cost  K13930—6000 ohms
Your Cost Your Cost $2.50

BRANDES "Superior" Headphones
The old standby in the radio field. Similar to above, but with exposed screw terminals. 2000 ohms. $1.79
K13935—Bakelite Cap (fits all models). Each  $1.36
K13936—Aluminum Cap (fits all models). Each  $1.87
K13937—Diaphragm only (fits all models). Each  $2.00

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 2000-Ohm Set $1.48
K13933—Per Pair 6000-Ohm Set  $1.65

Headphone Adapter
On liberal panel 24 x 24. For all sets. Three positions: phone, speaker, and both phone and speaker. Full instructions. K13942—Your Cost 85¢

Headphone-Speaker Switching Adapters
Toggle switch disconnects the speaker when phones are in use. Can be attached to any radio. Single adapter $1.45; double adapter $1.63

COTTON BALL BRAID INSULATION
In 6 types. Feet Each
K13955—Double 0.41 18¢
K13956—Double 1/6 6¢
K13957—Single 1/12 6¢

All-Rubber Insulation
New double braid cord for hospitals, institutions, etc. K13959—Double 6-ft. Extension Cords—Timing Center Double cotton braid insulation. Stock No. Feet Your Cost K13960—Yes 15¢
K13961—No 20¢

Cotton Braid Insulation
In 6 types. Feet Each
K13955—Double 0.41 18¢
K13956—Double 1/6 6¢
K13957—Single 1/12 6¢

Phone and Speaker Cords
Extension Cords—Timing Center Double cotton braid insulation. Stock No. Feet Your Cost K13960—Yes 15¢
K13961—No 20¢

"EMPIRE" DX TYPE HEADPHONES
Made especially for DX fans. Have featherweight aluminum shells and one-piece adjustable headband of stainless steel with adjustable clips. Each has a powerful, bi-polar magnet, and a BAKELITE CAP. Highly sensitive. 2000-Ohm Headset K13892—Complete. Your Cost 1.25
K13893—3000 ohms $1.25
Your Cost  K13894—Cap for above, Ea. 12¢
K13895—Diaphragm, Ea., 5¢

"EMPIRE" Single-Unit Headsets
Similar to above, but one phone. Clock-striker band permanently attached; with 4 1/2 ft. cord. K13896—1000-ohm single set. 66¢
K13897—1600-ohm single set. 79¢

TRIMM Featherweight Phones
K13918—4,000 ohms resistance. $5.88
Your Cost Each  K13919—2000 ohms. $2.00
Your Cost Per Pair  K13922—Chrome steel magnets. $2.00
Professional Headset: Similar but 4,000 ohms. K13915—Each 5.27
Either Type

WE'VE BEEN IN BUSINESS FOR 45 YEARS

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 added adjustable headset. With 5 ft. cord. List Price $8.00. K13924—Your Cost $5.29
Single Headset. Fig. B, Metallic headband with rubber end cushion. With 5 ft. cord. List Price $5.50. K13923—Your Cost 2.94
Longmeotse Phones: Fig. C. Single phone. Metal headband and black embossed handle. Extends from 12" to 17", 8 ft. cord. Shpg. wt. 1 lb. $3.82

Brush "Communications" Xtal Phones
Type "B" Hermetically sealed aluminum cartridge construction with a soft rubber cover and built-in switch. A phone and speaker in one. K13924—Your Cost $7.06

BRUSH Lightweight Xtal Phones

Press-To-Talk Transceiver Handset

Phone Cushions
Sponge rubber. Protect ear from 10 lb. for 1.65. K13940—Per Paire 22¢

Hearing Aid Volume Control
Cord control for headsets. Imp. 50,000 ohms. 2 1/8 x 1 1/2 x 1/2. With 4 ft. cord. Shpg. wt. 1 lb. K13830—Each 1.59

TRIMM "Quiet Radio" Headphone Attachment
Outil 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—Your Cost 64¢

FOR PHONE PLUGS SEE PAGE 79
Hammarlund

"HQ-120X"  
Modern 12-tube superheterodyne, covering complete and continuous range from 31 to 54 mc (R-F 555 meters) in 6 bands. Features: Newly developed crystal filter circuit, variomatic control of tuned r.f. variable selectivity crystal filter; noise limiter; sensitive "S" meter; full electrical band spread; b.f.o.; 3-stage audio. 110 volts 60 cycles; 44 lbs. 21½x12½x15". Shpg. wt. 47 lbs. K21011-New HQ-120X Model (includes crystal filter circuit with Speaker and Tubes. Wt. 61 lbs. YOUR COST $129.00 $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. 110 volts 60 cycles. In table cabinet 21½x12½x15". Shpg. wt. 115 lbs. 7.5-240 Meter Models K21043-Table Model SPR210X, with tubes, power supply and 8" dynamic speaker. With crystal. List $279.00 YOUR COST... $279.00 K21047-Rack Model SPR210X complete with dust cover. YOUR COST... $289.50

HOWARD Model 438  
8-Tube Receiver covering 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; 2½ watts out; built-in dynamic speaker; headphone jack; doublet or Marconi antenna connections; provision for external speaker; provision for "S" meter. Black cabinet with silver trim; 8¼x14½x8½". For 110 volts, 50/60 cycles, a.c. with provision for 6 volt Type 618 "B" power pack (pack is $12.50 additional). Model 418—Complete with tubes. Less crystal. Shpg. wt. 27 lbs. K21001-L CUR COST... $49.95 As above, with crystal. K21002-YOUR COST... $59.95

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 noise 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, 1-6ES, 1-6ESG, 1-6KG, 1-LESQ, 1-6V6G, 1-6SF5, 1-80. Crockie finished steel cabinet with silver trim, 9½x18½x9½" 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. K20999—YOUR COST... $89.95

RME DB-20 Preselector  
Signal amplifier and image rejector covering from 550 to 3200 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 colloid; broad tuned i.f. band. Uses 2X67 and 1X60. In gray crinkle finished case 9¼x2½x2½". For 110 volts, 50/60 cycles a.c. Shpg. wt. 21 lbs. Mode DM-20—With tubes. K21197—YOUR COST... $42.60

Other RME Products:  
Available for prompt shipment.  
Model 36-A—Band Expander... $39.60  
Model DM-36A—Band Expander... $32.00  
Model DM-36A—Band Expander... $49.50  
VHHP-5 (Vickrapack operation)... $29.95  
Model LF-90—Low Freq. Expander... $19.50  
Model ME-14—Battery Portable... $38.75  
Model HF-10—Compact H.F. Rec. ... $79.20

Browning Preselector  
Famous signal booster that covers from 5 to 50 meters (1.6 to 64 mc) in five bands. Features: Improved signal to noise ratio; low loss colloid forms; may be used as a.w. converter; image rejection ratios of 500 or more; smooth regeneration control; 3½-inch nickel finish laboratory type dial with vernier control; no power supply switch; built-in filament transformer (B voltage obtained by means of clip connected to output of receiver). Uses 1A152 tube at 110 volts, 50/60 cycles. In metal finished steel cabinet 7x16x6". Wt. 9 lbs. K21198—Browning SDX Preselector complete, less tube. YOUR COST... $16.50  
Model SDX—Some as above, but in kit form with parts. Includes all parts, cabinet, hardware, etc. Less tube. K21199—YOUR COST... $13.50

LES-TET 5 and 10 Meter Converter Kit  
Adopts 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 S.S.U.L.Y.; stand-by switch; oscillator pads plugged in with oscillator coil; Alasmag insulation. Tubes used: 1853 R.F. Amp. 2A3, P-157-A grid and plate; 3-80 grid and plate; 3X180-80 power supply rectifier. Steel cabinet 7x14½x2". For 110 volts, 50/60 cycles. K21180—Les 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 Page 33-35.
Professional type Communications receiver featuring two 1000 Watt preamplifier stages that give remarkable image frequency suppression, weak signal reception and high input to noise ratio. Two high gain i.f. stages employ Litz wound coils and are coupled with and used in conjunction with the preamplifier stages. Useable sensitivity and selectivity are exceptional. Incorporates AVC and manual volume controls. VT voltmeter calibrated in "S" units, phone jack, Lamp single signal crystal filter, E.C.O. Combed plug-in receiver cover and tuning motor. Cabinet size: 8 1/4" h., 11 1/2" w. \$179.70

BROWNING Frequency Monitor

For precise frequency measurement. Equips a stable 100-500 kHz osc. as a standard. Feb. 1953: Violet (tuning tube) and Audior zero beat indicator; checks against WWV; accuracy greater than 1 part in 10,000; complete band spread; built-in mixing circuit; 5 1/2" laboratory dial calibrated to 5 amateur bands; provision for signal receiver, and check receiver calibration and check frequency of incoming signals. By attaching a spare cathode ray tube to the monitor, the signal from xmitter, exciter, etc. may be impressed on the mixer tube and frequency accurately determined. Case 14x7x8." For 110 volt a.c. or d.c. Wired. Wt. 13 lbs. \$27.45

GUTHMAN Freq. Monitor

Improved model U-10A. Temperature controlled, extremely stable. Fundamental range 800-1000 kHz. Covers all amateur bands from 5-160 meters. 7 1/4" etched chrome dial can be accurately set on WWV or 19 broadcast stations in its range. Volt- age regulated for keying. Added: a frequency standard through built-in 100 kc osc. Detector audio monitoring and zero beating; cathode ray tube for visual frequency deviation reading. Ganged cabinet 10 1/2x8 1/4x7 1/4". For 115-125 v., 25-60 cycles a.c. or d.c. Shpg. wt. 15 lbs. \$28.65

Meissner Signal Calibrator

New amateur device featuring 1-200, 50 and 10 kc markers up to 60 mc; silver plated 100 kc crystal; identifies band marker level; delivers modulated or unmodulated signals; enables operator to maintain constant check of oscillator; push button control of frequency; uses "television" tubes. Has attenuator and test signal levels. In well ventilated cabinet. Operates on 110 volts, 60 cycles. Uses 2-1852's, 2-467G. 1-1852, 1-467G. \$39.10

Signal Calibrator

New amateur device featuring 1-200, 50 and 10 kc markers up to 60 mc; silver plated 100 kc crystal; identifies band marker level; delivers modulated or unmodulated signals; enables operator to maintain constant check of oscillator; push button control of frequency; uses "television" tubes. Has attenuator and test signal levels. In well ventilated cabinet. Operates on 110 volts, 60 cycles. Uses 2-1852's, 2-467G. 1-1852, 1-467G. \$39.10

5-10 Meter Converter

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 electronic details of both receivers are identical in every respect, but the Junior has been simplified by omitting the Lamb Single-Signal crystal filter, the "S" meter, and by designing coils for simpler construction. The Junior can also start with the Junior, and add the open units ("S" meter, etc.) Price of these attun- itional units furnished on request.


YOUR COST. Either Model. K21279-MRR Relay Rack, panel capaci-
20 M. C. o. (21216 - Taylor Kit of Tub.
MRR Relay Rack: 100-1000 kHz. \$13.50

New! Preselector

Incorporates 3 tuned circuits to provide maximum selec-
tivity and image attenuation. Complete coverage from 455 to 6045 kc. \$9.15

Meissner AMATEUR APPARATUS

Incorporates 3 tuned circuits to provide maximum selec-
tivity and image attenuation. Complete coverage from 455 to 6045 kc. \$9.15

Signal Indicator

A variable frequency, electron coupled exciter unit with balanced buffer stages 3-position switch permits automatic built-in relay to cut off transmitter while receiver is tuned to keep exciter on while checking; or to stand by. Uses plug-
cables. Uses 6F6, 6L6, and one 60 tube. Cabinet 11x9x2 3/16". Wt. 15 lbs. \$110.90

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 f.t.

Meissner AMATEUR APPARATUS

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A variable frequency, electron coupled exciter unit with balanced buffer stages 3-position switch permits automatic built-in relay to cut off transmitter while receiver is tuned to keep exciter on while checking; or to stand by. Uses plug-
cables. Uses 6F6, 6L6, and one 60 tube. Cabinet 11x9x2 3/16". Wt. 15 lbs. \$110.90

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 f.t.
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 6L6 First detector and oscillator having exceptional stability and conversion gain. Other features include: two 456 kc i.f. stages; 2nd detector and a.c.v.tube; CW oscillator and a 5SL6G beam power output tube that provides 2 watts of power. Separate controls for A.F. and "on-off" switches for AVC and CWO circuits. Accurate tuning is insured by the use of a full vision dial calibrated in frequency from 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 8½", high, 17" wide, 10½" deep. For 110 volts, 50/60 cycles a.c. or d.c. Shpg. wt. 45 lbs.

K21272-NC-44 complete with tubes, coils and speaker in matching cabinet. List $292.50.

YOUR COST $49.50

NC-44B-Same as above, but for 6-volt battery operation. Less batteries. List Price $165.

K21274 YOUR COST $49.50

**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. ACCORDING to 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 8½x17x10½". For 115 volts A.C. or D.C.; self-contained power supply.

NC-80X-Complete with tubes, crystal, power supply and built-in crystal filter. 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. Has covers over the band ranges (10, 20, 40 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

NC-101X is an 11-tube communications type superheterodyne receiver built strictly for amateur bands, and covers only the following ranges: 1.7-2.1, 3.5-4.0, 7.6-7.9, 14.0-14.4 and 28.0-30.0 mc. Completely self-contained (except for speaker) in tube metal 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 selectivity. Separate r.f. and a.f. gain controls. Signal strength meter mounted on front panel. Also has tone control. Crystal oscillator, AVC with amplified and delayed action, "on-off" switch and phone jack. With crystal filter. Black Crackle finish cabinet 8½x7½x11½" deep. For 110 volts 50/60 cycles a.c. Shpg. wt. 88 lbs.

NC-101X-Complete with tubes, crystal, power supply, 8" meter and speaker in matching case.

K2124—YOUR COST $129.00

NC-101X-A—Same as above, but with direct reading band spread dial such as shown on NC-100A listed at right. 17x10½x11¼" Crackle finish cabinet. Complete with tubes and crystal filter. For use on models NC-80 and NC-81X. Only necessary to connect two wires to install meter.

YOUR COST $6.00

NC-100A-100XA

These communications type receivers are similar in circuit design to the NC-101X described at left but with added capacity, 555 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 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 varic-ter dial provides extremely high precision in logging. The NC-100A is similar to the NC-100XA but is equipped with a built-in crystal filter. Size: 17x10½x11¼". Complete with all tubes and a 10-inch speaker in cabinet.

YOUR COST $120.00

K21257-NC-100A-100XA—Similar to above, but with built-in crystal filter. Complete with tubes and crystal filter.

YOUR COST $142.50

For use on models NC-80 and NC-81X. Only necessary to connect two wires to install meter.

YOUR COST $6.00

For Better Reception
New SKYRIDER SX-23

Latest 11-tube communications receiver that sets a new high for frequency stability, selectivity and noise reduction. A 200-channel 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 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 and, unlike most others, 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 5 units and decades is balanced on the panel by a frequency range indicator. Both are indirectly illuminated. The large venetian blind type tuning dial is also indirectly illuminated and has large, readable numbers.

Tubes used: 6SK7 first r.f.; 6SA7 first detector; 6SJ7 h.f. oscillator; 6SK7 first i.f.; 6SK7 second i.f.; 6SQ7 second detector. A.c. amplifiers: 6AC7 power output; 6SJ7 F.P.O.; 80 rectifier and 6HS noise limiter. Audio output 3-watts. For 110 volts, 50/60 cycles a.c. I.F. frequency 455 kc. (iron core transformers). Steel case 1/4" high, 19" wide, 121/2" deep.

K21181 - Model SX-23 11-Tube Receiver complete with tubes and crystal. Less speaker. Shpg. wt. 56 lbs. YOUR COST .................. $115.50

K21192 - 10" PM Dynamic Speaker in matching cabinet. $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 MCJ) on 4 bands. Employs a 338° directly tuned 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 I.F. transformers. Other incorporated Features are: • Built 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. YOUR COST .................. $64.50

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 1600 kc, providing a band width of 20 kc at 10 tunes 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; 617 first det.; 665 h.f. oscillator; 6P7 i.f. and h.f. oscillator; 6EQ7 second det., a.c.v. and first audio; 6H6 noise silencer stage; 6FS power output and 80 rectifier. Housed in sturdy steel cabinet 18"G.E.x8/4"H x 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 4-Volt Battery Operation for SKYRIDER MARINE and 5-10 Receivers. Shpg. wt. 11 lbs. YOUR COST .................. $16.17

HT6 25-WATT TRANSMITTER

A new 9-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: 6L5 oscillator and detector, 807.9 power amplifier, 6FS microphone amplifier, 615 audio amplifier, 2A66G modulators and 252 rectifiers. Coils for any bands may be plugged in and pre-tuned. All circuits from crystal to antenna switch by front panel knob. Oscillator tubes act 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-in arrangement is used which eliminates most of the switching jacks. Additional units available to convert any set of coils in the range of 10 meters to 600 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 microphone 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 125 watts at 6 volts and 225 watts phone. Operation for 110 volts, 50/60 cycles a.c. In competitive steel cabinet 211/2 x 12 x 9". 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

K21188 - 160 meters .......................... 54.95
K21194 - ... 80 meters .......................... 4.95
K21185 - ... 40 meters .......................... 4.95
K21186 - ... 20 meters .......................... 4.95
K21187 - ... 10 meters .......................... 4.95
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 .................................. 53.45
K21190 - 80 meters .................................. 3.45
K21191 - ... 40 meters .................................. 3.45
K21192 - ... 20 meters .................................. 3.45
The SPECIAL SUPER SKYRIDER

This special model S-17, which by popular demand replaces the well known model S-16 Super Skyrider, incorporates every innovation for efficient reception. Covers a frequency range of 52,000 to 545 kc in six bands, all directly calibrated on the large dial, plus over 1000 of unique mechanical-electrical band spreading, if incorporated. Wide Range, Variable Selectivity—permits selection of single signal bands or high fidelity, or offer the broadest of variable selectivity of 30 to 1. Features include:

TWO STAGES OF PRE-SELECTION: Wide Diaphragm Automatic Noise Limiter for better U.H.F. reception; "S" meter on panel; inertia detent mechanism; A.V.C. circuit, easy to use, control knobs. Tubes used: 46K7's, 1-EL7, 1-ER7, 1-6SV6G's, 1-6J5, 247's and 1-6AM7, and attractive crankle-finished steel case, 39% W., 9 1/4 H., 11 1/2 D. For 110 volts, 50/60 cycles a.c. Shpg. wt. 70 lbs.

Model S-17 Special SUPER SKYRIDER complete with tubes, less crystal and cost.

$125.50

K21071—YOUR COST.

The New SKYRIDER DEFIANT

This new receiver is an amateur's dream come true. It incorporates modern advancement to insure outstanding performance, yet is priced to fit the "slim" budget. The Defiant covers 540 kc to 45,555.5 meters) in four overlapping bands and includes the following features: FREQUENCY METER TUNING—band spread dial is accurately calibrated for the amateur bands, and once set, maintains a high degree of accuracy throughout the band, bringing in signals on their frequency indicated on the dial. BUILT-IN NOISE LIMITER reduces the noise level on all frequencies; VARIABLE SELECTIVITY, governed by a 6-position switch, permits razor sharp to high fidelity reception; CRYSTAL FILTER consisting of a brittle crystal in a new Hallicrafters low crystal capacity holder allows high degree of rejection of unwanted signals; BUILT-IN "S" switch provides relative carrier intensity at a glance; ELECTRICAL BAND SPREAD with directly calibrated, translucent illuminated dial; BREAK-IN RELAY OPERATION provided for terminals on rear panel. For operation on 110 volts, 50/60 cycles a.c. (plug on rear with battery or vibrator operation). Nine tubes used, including: 5-ESK7's, 1-ESX8, 1-6Q7, 1-6FG6, 1-76, 1-80 and 1-6H6. 11" D. For 110 volts, 50/60 cycles a.c. Shpg. wt. 41 lbs.

$69.50

K21194—YOUR COST.

10" P.M. Dynamic Speaker in matching cabinet.

Shpg. wt. 17 lbs. YOUR COST.

$12.00

The SKY CHAMPION

An 8 tube Amateur's Communication Receiver with complete coverage, from 1-600 kc to 545 kc in 4 bands. Incorporates Pre-Selection, Built-in Speaker, Beat Frequency Oscillator, Separate Bond Spread Dial, Individual Coils for each band, Inertial Tuning Mechanism, A.V.C. circuit, and Sensitivity Control as well as A.F. Gain Contol, Phone Jack, Send-Receive Switch, Pitch Control, Tone Control, and many other improvements. The 8 tubes in this Superheterodyne receiver are used as follows: 6X7-B.F.; Stage; EL7-first Det.; 6J5-B.F.; Oscillator; 6X7-T.F.; Stage; 6Q7-second Det.; A.V.C. and first Audio; 6S-Power output Tube; 80-rectifier; 6S-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 handsome stainless steel cabinet dimensions 18 1/2" wide, 9 1/4" deep, and 8 1/2" high. Shipping wt. 34 lbs. For 110 volts, 50/60 cycles AC operation only.

$49.50

K21193—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 540 kc to 44000 kc; 10-meter band; electrical band spread; separate band spread dial; beat-frequency oscillator with pitch control; send by phone, call for lockout switch; A.V.C. switch; built-in speaker. Tubes used: 1-6KG7, 1-6X8G, 1-6Q7G, 1-76, 1-41 and 1-80. Equipped for either doublet or Marconi antenna. Black crystaline cabinet, 17 1/4" x 8 1/2," For 110/120 volts, 50/60 cycles a.c. (has built-in plug for battery or vibropack operation).

$29.50

K21176—YOUR COST, with tubes.

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

K21021—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, coil for 5000 kc. $195.00

K21013—Model HT-7 Frequency Standard (see page 92). $295.00

COMMUNICATIONS RECEIVERS
**New Lafayette Television Tubes**

**NEW 7 INCH SIZE!**

An amazing new Cathode-Ray Television Tube that directly replaces the 5 inch type but 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 type provides a picture 4½" by 6½". Its technical characteristics are:
- Heater Voltage A.C. or D.C. -- 6.3.
- Heater Current -- 6 amps.
- Overall length -- 16½" (4 ½ x 4 ½). Max. diameter -- 7 ½".
- Glass -- Rock-Phosphate.
- White Picture Detail greater than 441 lines; Maximum while noise voltage (tube #2) -- 800 volts.

Special 7 Inch Price: $25.00

**Brach Television Antenna**

A well designed, highly efficient antenna system for the reception of television signals. The complete system consists of a single antenna and reflector rods together with suitable mounting brackets, cross arm and 60 ft. transmission line. For the very best results, a complete system that both reflector and antenna be used. However, where the signals are strong enough, no reflection of signals from nearby buildings, etc. are experienced good results can be obtained with a single antenna and reflector.

K12830 -- TACO Television Antenna. Consists of Antenna Rod, swivel and 60 ft. transmission line (no reflector). Shpg. wt. 5 lbs.

$4.41

K12845 -- TACO Reflector Complete with wooden cross arm. Shpg. wt. 5 lbs.

$4.41

**Note:** The two units listed above make up the complete Antenna System as illustrated.

K12845 -- TACO Reflector Rod only. No cross arm. Shpg. wt. 6 lbs.

$3.09

**Magnal or Television Socket**

Standard socket used for television tubes. Accommodates up to 11 contacts. Top diameter 1½". Mounts in hexagon hole measuring 1¼" square flats. Supplied with press-on mounting rings. Adaptable to panels from ½" to ¾" thick.

K11089 -- Your Cost

$27.00

**LOOK & LISTEN by M. B. Sleeper**

Up-to-the-second information about new TV products and new TV programs, written by a regular consultant to both TV Builders, Experimenters, Students and Servicemen. As new as the Empire State & Chrysler Building transmitters. Over 100 illustrations, 96 pages.

K19743 -- Your Cost

$98.00

**MEISSNER TELEVISION BOOK**

An instructive and entertaining Manual on how to assemble your own TV, written by one of the most important and experienced broadcast television technicians in the world. 605 pages. 8½ x 11 inches.

K19742--YOUR COST

$25.00

**MONITOR Service**

**COAXIAL CABLE**

We can furnish all types of coaxial cable in stock covered, synthetic resin covered, vulcanized rubber covered, steel tape covered, etc. Also types of the Transmission Line. All made to specifications of the Ampex, etc.

**“Video” Littlefuses**

Vacuum enclosed, low current, high voltage fuses. For protecting television equipment, past failures due to loss of bias, insulation breakdown, shorts, etc. Also used for protection against lethal shock. For this purpose use sizes from 1/200 ampere and less. Will break up to $5,000 volts peak. All are 1½ x ¾".

K12331 1/100 K12338 1/100
K12334 1/500 K12337 1/25
K12335 1/200 K12336 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 oscillographs. Special mold top with dielectric terminals. Straight 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 Cap. W. g. Can Size Your
Cap. W. g. Can Size Your
K13529 03 700 2 1/2 x 4 1/4 $3.53
K13530 03 700 2 1/4 x 4 1/4 $3.53
K13531 06 400 2 1/2 x 4 1/4 $4.13
K13532 06 400 2 1/4 x 4 1/4 $4.13
K13533 06 400 2 3/4 x 4 1/4 $4.13
K13534 06 400 2 3/4 x 4 1/4 $4.13
K13535 05 750 2 1/2 x 4 1/4 $5.30
K13536 05 750 2 1/4 x 4 1/4 $5.30
K13537 00 200 3/4 x 4 1/4 $2.21
K13538 00 200 3/4 x 4 1/4 $2.21
K13539 00 200 1 1/2 x 4 1/4 $2.65

**JEFFERSON Reflecting Yoke**

For use with magnetically deflected tubes of standard TV and cathode-ray oscillographs. For use with the proper output transformers. Designed for high scanning efficiency and maximum freedom from distortions and defocusing. Inside diameter fits all standard picture tubes. Dim. O.D. -- 3 ½" over 7 ½". Shpg. wt. 2 lbs.

K1465 -- Your Cost

$5.88

**JAPANESE TELEVISION**

**NEW 7 INCH SIZE!**

An amazing new Cathode-Ray Television Tube that directly replaces the 5 inch type but 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 type provides a picture 4½" by 6½". Its technical characteristics are:
- Heater Voltage A.C. or D.C. -- 6.3.
- Heater Current -- 6 amps.
- Overall length -- 16½" (4 ½ x 4 ½). Max. diameter -- 7 ½".
- Glass -- Rock-Phosphate.
- White Picture Detail greater than 441 lines; Maximum while noise voltage (tube #2) -- 800 volts.

Special 7 Inch Price: $25.00
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 scissors 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 lining 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 service men 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 sets of their own making. The set is designed to receive the standard R.M.A. signal (411 lines). It is provided with a switch to tune in both the 44-50 and 50-56 megacycle channels. And spare is provided in the switch assembly for the addition of two more coils so that the set can 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" Videocon, 1-6JS, 1-682A, 1-696, 1-6P8, 2-K7T-2, 1-K7T-3, 1-K7T-5, 1-L707, 1-696, 1-879 and 1-5V4C. 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. Super Size 50 lbs. $136.71
K2240—Less Cabinet Your Cost Complete 
Beautiful walnut cabinet especially designed for the Meissner Television Receiver. Overall dimensions are 10 3/4 x 14 1/4 x 22" Deep. 75 lbs. $19.60
K2243—Your Cost Complete

PARTS FOR RCA 5 INCH ELECTRO-STATIC DEFLECTION KINESCOPE

K1074—Your Cost $1.03
K1075—Your Cost $1.03
High Voltage Capacitor Part K3320—10 mfd. @ 2500 V. 05 mfd. @ 3000 V. with bracket. List $2.65
K1076—List $2.65
Your Cost $1.56

Low Voltage Reactor Part K3329—8 henries 6 amp. D.C. Resistance 315 ohms. List $2.35
K1077—List $2.35
Your Cost $1.91

Low Voltage Capacitor Part K3329—2 sections 50 mfd. @ 450 V. 1 section 10 mfd. @ 150 V. List $1.60
K1078—Your Cost $1.47

H. V. 4-Prong Socket Part K3323—Non-dust collecting. List $3.00
K1079—Your Cost $2.96

H. V. 13-Prong Power Transformer Part K3340—100 mfd. @ 300 V. List $5.15
K1080—Your Cost $4.75

H. V. 10-Prong Power Transformer Part K3341—.005 mfd. @ 3000 V. List $2.35
K1081—Your Cost $2.00

H. V. 13-Prong Power Transformer Part K3340—100 mfd. @ 300 V. List $5.15
K1080—Your Cost $4.75

H. V. 10-Prong Power Transformer Part K3341—.005 mfd. @ 3000 V. List $2.35
K1081—Your Cost $2.00

Features

Black-and-White Reproduction
Sound and Video in one unit, both operating on the same voltages.
Latest type RCA Victor Videocon with Push-Pull Electrostatic Deflection—prevents "key-stoning," permits perfect focusing at extreme edge of picture.
Wide band picture I.F. Channel with high-gain tuned coils.
14 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.

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, 67-72, 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 installations, etc. are available. RCA K9871.
K1853—List Price $7.80
Your Cost as Described $2.36

We can furnish all new RCA Television Products as soon as available at our regular low prices.

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.
K1854—List $13.75
Your Cost (Reflector only) $8.09

For Prices on Indoor and Outdoor Transmission Cables

Double "V" Television Antenna
A popular price antenna for use where reflections are not a problem suitable for most suburban areas. For reception of 50 and 50-56 Mc. bands. Can be adjusted for other channels except for poles. Has 90 ft. transmission line.
List $4.80
K1852—Your Cost $2.36

PARTS FOR RCA 9 & 12' MAGNETIC DEFLECTION KINESCOPES

YOKE
Part #9585—Windings for horizontal and vertical deflection circuits.
Core inductance, Vertical 4.5 MH Horizontal 1.5 MH D.C. resistance, 0.650 ohms
List $1.75
K1071—Your Cost $1.03

H. V. Power Transformer Part K1074—Primary 500 V. 11,000 Primary Ohms. List $2.50
K1074—List $2.50
Your Cost $1.33

K1075—List $17.56
K1076—Your Cost $10.29

Vert. Output Transformer Part #9586—D.O.—D.C. resistance—1,102 ohms; Sec.—8 ohms. Ratio 15.951. List $5.50
K1076—Your Cost $3.24

K1074—List $1.75
K1075—Your Cost $1.03

H. V. Capacitor Part #3301—0.85 mfd. @ 7500 V.
K1077—List $3.75
K1078—Your Cost $2.31

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
HAM TRANSMITTERS

HALLCRAFTERS HT-8

The HT-8 consists of a 25-watt transmitter and a receiver housed in a single cabinet that can be mounted on a wall, table or shelf. TRANSMITTER: Power output 25 watts into antenna; uses 6L6, 807 class C amplifier, 6F5 speech amp, and 26L66 modulator. Frequency control means of low drift quartz crystals. Frequency range: marine frequencies, in range 5000-9000 kc, or if desired, one or two of the 5 in range 3000-6000 kc. RECEIVER: Uses 6K7 f.t. a.m. amplifier, 6L7 detector, 6S7 f.t. o.c. 6K7 f.i.f. amplifier, 6SQ7 as e.d. slot in final. Frequency range: 1600-3000 kc. Output: QAV suppressor prevents static, and no noise when no carrier is present. OPERATION: By press-to-talk system. Telephone handset, when lifted from hook, transfers output from speaker to handset.

NATIONAL NTX-30 Transmitter

Compact, efficient transmitter for CW or Phone, having an output of 30-watts on 10, 20, 40, 60 and 80 meters. Employers some 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 465L or crystal oscillator and doublet and 26L66's in the final stage. Power supply uses 345's. Dual-range illuminated meter for metering all circuits by means of selector switch. Keying is in final amplifier or in i.f. for break-in operation.

Marine Radiotelephone

CONTROLS: Transmitter frequency switch, receiver frequency switch, transmit-recv. switch, tuning to match antenna, controls transmitter and receiver "on-off". POWER SUPPLY: Separate power unit, supplied. With connecting cable. Operates on 12 volts d.c. or 110 volts a.c. with transformer. Controls, coil, and crystals supplied. All parts plated or with wrinkle finish. 20" wide, 15" deep, 3" high. Includes two tubes, components, and power supply. Less crystals. Shp. wt. 103 lbs.

K21218—YOUR COST $270.00

Bulldog mtg. model available on order at additional $50.00. Mounted crystals for any range within 2000-3000 kc. supplied at $24.50 each. Specify frequency desired. All 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.

RTL Model HFM Wide Range Transmitter

 Useful in Amateur, Commercial and Experimental services. Standard coils cover the 5, 10, 20, 40, 60, 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" transformer, 6L7 amplifier, 6E5 and a 6L6 "beam" output tube. Power output is a minimum of 12 watts output, 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 for antenna is 1500 mc. Only two crystals are necessary: 40 meter and 160 meter. Emission. Output circuit for antenna coupling is for 72 ohm unbalanced line. In table mounting cabinet with black wrinkle finish used. K21219—YOUR COST $117.00

Same as above, but for relay rack mounting.

K21220—YOUR COST $123.00

GUTHMAN U-39 Converter

Efficient 1-10 METER converter in kit form. For mobile or ham shack use. Has steering post clamps. Connects between antenna and set. Output transformer is 110 volt auto, 55 volt radio frequency, and filterable to any frequency from 1350-1600 kc. Two antennas and two oscillator circuits selected by panel knob. Two gang, rigid type, adjustable, band-pass, tuning section. Shp. wt. 6 lbs. $34.50. 25 volt, 6.3 volt at 5 aamps. EXTRAS: Mounting instructions, 10 volt, 2.M. voltage. Less radial. $2.00. K21231—Complete kit of parts, cabinet, panel, instructions, and tube. Shp. wt. 6 lbs. YOUR COST $12.94

NOTE: Shipments write for complete details on Hallcrafters, Temco, Marine telephone ship-to-shore apparatus. We can supply all standard equipment at lowest net prices.

GUTHMAN U-31 "Send-Ceiver"

Complete amateur station, comprising receiver and transmitter. Receiver is 3-tube regenerative tuning from 10 through 7000 meters in 5 bands. Uses 7C7 Loktal detector, 7CS Loktal power amplifier delivering 4.25 watts, and 80 regulator. Headphone jack on panel, speaker terminals on rear of chassis, switch selects standby, receive and send positions. Basic transmitter is a 3-tube crystal controlled oscillator with band switching. Uses 7CS Loktal tube and delivers nearly 10-watts, 3-position crystal switch allows operation upon 3 amateur bands (6 bands when 7CS power amplifier is added). Oscillator plate circuit has 3-position switch to select one of three coils covering 5-10, 20-40 or 40-160 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. Shp. wt. 20 lbs.

K21224—YOUR COST $29.37

K21227—Metal cabinet 17x8x711/2" EACH . . . . $2.91 Tubes listed on pages 33-35. Power amplifier and modulator kits also available. Prices and details on request.

侍 HAM TRANSMITTERS

GUTHMAN U-50 11-Tube "Super"

Highly efficient communications type receiver, for use in 3000 kc. in s.s.b. work. Each band calibrated on the laboratory type dial which has gain-sight indicator that magnifies desired signal. Excellent image rejection, selectivity, selectivity and signal to noise ratio. Three gang tuning condenser. Eleven tube circuit unit available, 6L6, 605, VR-117, 4G57's, 27C's and 1-M. Controls include: 5-meter dial, 5-position "on-off" switch, jack, send-receive, antenna, trimmer, vernier dial tuning, A.C. on-off, gain, b.o. switch, selector switch for band, and speaker terminals on rear of chassis. For operation on 110 volts, 50/60 cycles. U-50 KIT: All parts and complete wiring instructions. Less tubes, speaker and cabinet. Shp. wt. 20 lbs.

K21228—YOUR COST $48.95

K21229—Metal cabinet 17x8x711/2" . . . . $3.43

K21230—4" Speaker in matching case . . . . $9.70

Tubes listed on pages 33-35.

152
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 telecommunication, U.I.F.F. receivers, etc.

Coil Forms
Forms proper are of "Quartz Q", for ultra-low loss. Plug-in bases, each form of isodiam. Low Jack Bar. K8006 - Type 4001, 1.5 x 12", Your Cost Each 90c. K8007 - Type 4401, 1.5 x 6", Your Cost Each 1.20.

Standoffs
Made of Quartz Q, with fitted metal top. May be used for ultra-low loss coil forms. No. Type Diam. - .125" Each. K8008 0001 0002 0003 0004 0005 0006 0007 0008 35c 55c 65c 21c 15c 10c 5c.

Plugs and Jack Bars
K8012 - Type 40025 Plug, as used on 43001 blank form. Your Cost Each .24c. K8013 - Type 41206 Jack Bar. Each .35c. K8014 - Type 40035 Plug, as used on 44001 blank form. Your Cost Each .45c. K8015 - Type 41301 Jack Bar. Each .48c.

1 1/2" Diam. Coil Form
Plug-in type "Quartz Q", coil form, for critical amateur who wants the finest for his transmitter. Employed Isolantite wafer base, to prevent damage when soldering. All are standard 1 1/2" diameter forms and have shoulder. Stock No. Mfrs. No. Prongs Each. K8019 46004 6 75c. K8020 46006 1 55c. K8021 46000 None 65c.

"Quartz Q" Sheet
For panels, condenser mg., or insulation, etc. Drills and cuts readily. Stock No. Mfrs. No. Qty. Price. K8024 - Type 55001. Size 3 x 8 1/2". Your Cost 35c.

Dual Variable Condensers
New, improved dual variable condensers for modern transmitters and receivers. Semi-circular plates provide straight-line frequency tuning. Available high gear (A) for right-angle drive; or less gear (B) for end drive.

Stock No. Mfrs. No. Mid. per Sec. Air-Gap V. Res. Length Each. K8026 (A) 11050 25 0.77 3000 3 5/8" 55.75. K8025 (B) 11070 25 0.77 3000 3 5/8" 5.95. K8028 (A) 12030 35 0.77 3000 3 5/8" 0.75. K8029 (B) 12050 35 0.77 3000 3 5/8" 1.80. K8031 (A) 13000 50 0.77 3000 3 5/8" 4.90. K8032 (B) 13020 50 0.77 3000 3 5/8" 6.00. K8033 (A) 14000 75 0.77 3000 3 5/8" 10.00. K8034 (B) 14020 75 0.77 3000 3 5/8" 13.00.

Neutralizing Condensers
Type A is a Quartz Q dielectric neutralizing condenser. Type B is a novel telescoping cylinder type with quartz Q dielectric for use where high ambient temperature is prevalent, predicated on type A.

Stock Mfrs. No. Cap. Volt. Your Cost. K8035 (A) 0101 1500 0.75. K8036 (B) 0102 2000 0.75. K8037 (A) 0103 25 0.77 3000 6 1/2" 5.95. K8038 (B) 0104 4000 0.77 3000 6 1/2" 10.75. K8039 (A) 0210 3 12 6000 0.77 3000 6 1/2" 10.00. K8040 (B) 0211 4700 0.77 3000 6 1/2" 13.00. K8042 (A) 0320 7 12 6000 0.77 3000 6 1/2" 16.75. K8043 (B) 0321 4700 0.77 3000 6 1/2" 19.75.

Shaft Couplings
Permit angle drive as high as 45°. "A" is of standard flexible design; "B" is double flexible Isolantite construction. Each. K8044 - Type 04920 4-14" M.D. 36c. K8045 - Type 04921 4-14" M.D. 42c. K8046 - Type 04925 7-14" M.D. 45c. K8047 - Type 04926 7-14" M.D. 55c. K8048 - Type 04927 7-14" M.D. 75c.

Wave Traps
Practical wave traps covering the amateur bands. K8042 - Type 07430 7-14" M.D. Your Cost Each. 1.75c. K8043 - Type 07431 7-14" M.D. Your Cost Each. 1.90c.

The "Hetrolco"—Audio Wave Trap
For receiving communications; for rejecting or suppressing interfering signal or audio beat note. When receiving 2 CW stations simultaneously, or for audio use. Connects in audio circuit, or in output of receiver. Adjustable knob on unit. Dimensions: 3 x 3 1/2". Ship. wt. 2 lbs. K8044 - Type 00271. Your Cost Each. $3.50.
**HAMMARLUND**

**Type "MC" Midget Units**

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Number of Midgets</th>
<th>Max.</th>
<th>Min.</th>
<th>Cost</th>
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<td>1</td>
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**"HD" Dual Units**

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<th>Number of Midgets</th>
<th>Max.</th>
<th>Min.</th>
<th>Cost</th>
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<td>6</td>
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**"MCD" Split-Stacker**

<table>
<thead>
<tr>
<th>Stock No.</th>
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<th>Midgets</th>
<th>Each</th>
<th>Cost</th>
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<tbody>
<tr>
<td>K8534</td>
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<td>1</td>
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<td>K8535</td>
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**STAR Midget Condensers**

<table>
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**"TC" Single Units**

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<td>177</td>
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**"TCD" Dual Units**

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<td>12</td>
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</tr>
</tbody>
</table>

**TRANSMITTER FOUNDATION Kits**

**"PA-300" Amplifier**

For a low (808-1000 A-25, 110, etc.) or a medium power (808 B, 2k37 A, T55, etc.) transmitter. Plate condenser has .040" spaced upper 1000 V. Assembled size: 13x8x5/8. Stock No. 9399 - Hardware Kit including brackets, screws, washers and nuts. List $3.25 

**"PA-500" Amplifier**

Similar to the above but for power up to 600 watts and over. Tubes such as RK-38's, 100-Ts, 50-Ts, etc., may be used. 15/16x10/16" D. Stock No. 9411 - Hardware Kit with brackets, screws, nuts, etc. $2.55  

**"BD-40" Buffer-Drive**

Buffer-Drive-Multiplexer for multi-stage transmitters or as driving unit for the PA-300 amplifier. Uses low power beam tube (907, RK-38, etc.). Output power: 40 W. Stock No. 9391 - Hardware kit includes bracket, tube shield, screws, washers, etc. $8.94  

**"OD-10" Oscillator-Doubler**

Standard Tri-Tet oscillator-doubler, used as low power transmitter or with "BD-40" and "PA-300" units. Sizes: 84x7x10x3/4. Stock No. 9313 - Hardware Kit consisting of brackets, base plate, crystal mounting, screws, nuts, etc. With instructions. List $2.80  

**"EU-4" Exciter Unit**

Four band exciter covering 80, 40, 20 and 10 meter bands. Four stages, using 6L6 tubes. Powers up medium power beam or pentode tubes and low power triodes. Size: 17x1.75" high. Stock No. 9414 - Hardware Kit including switches, chasis, nuts, screws, etc. and instructions. List $13.50  

**"EU-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: 7x4x3/4 high. Stock No. 9415 - Complete Kit including hardware, 1-ETU-30, 1-ETU-40, 1-ETU-20, 1-ETU-10 tuning units, 1-XS-2 and 4-40 and 25 A. B. C. D. switches, double pole and complete instructions. List $40.00 Stock wt. 6 lbs. $24.00  

**"MTC" Xmitting 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 0.026" spaced plates spaced .171". Type B - .026" rounded edge plates spaced .070". Type C - .026" standard plates spaced .050". Volts range are A - 600 Volts; B - 300 Volts; C - 1000 Volts. Stock No. 9394 - Complete Kit including hardware, 1-ETU-30, 1-ETU-40, 1-ETU-20, 1-ETU-10 tuning units, 1-40 and 25 A. B. C. D. switches, double pole and complete instructions. List $21.25 Stock wt. 6 lbs. $31.95
“XP53” SHORT-WAVE Plug-In COILS

Provide maximum signal strength and greatest selectivity on all bands. Precision wound on natural, amber-colored ribbon forms. Flange grips for easy handling, and meter index for wave-length inscriptions. 1½” diameter, 2½” long, exclusive of prongs. Has shelf for
paddling condenser. Fit standard sockets.

SWK4 - 4-PRONG KIT
Kit of four 2-winding coils covering from 270 to 2700 m, with 150 mmf. condenser. $1.80

Individual 4-PRONG COILS
Stock No. Meters List Net Your Cost
K8500 10 to 20 $1.00 50c 80c
K8525 30 to 50 65c 30c
K8475 60 to 75 45c 25c
K8476 120 to 175 30c 15c
K8477 250 to 260 25c 15c

SWK6 - 6-PRONG KIT
Kit of four 3-winding coils covering from 170 to 2700 m, with 150 mmf. condenser. $2.25

Individual 6-PRONG COILS
Stock No. Meters List Net Your Cost
K8500 10 to 20 $1.25 75c 60c
K8475 30 to 50 75c 50c
K8480 60 to 75 50c 30c
K8477 190 to 270 40c 25c
K8479 250 to 260 30c 15c

SFW 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 index for wavelength in-
scription. Size 1½” diameter, 2½” long.

K9370 - 4-prong
K9371 - 6-prong

Your Cost Each
21c
24c

TCF Giant Transmitter Forms
Similar to above but for large transmitting coils. Groove ribbed for air-spaced winding. Supplied with mounting, 2½”
winding diameter, 3” long exclusive of prongs. Fits standard 4 and 6
pronged sockets.

K8470 - 4-prong
K8471 - 5-prong

Either Type, Each
$2.40

Isolantite Coil Forms
Equipped with a black
eamedled grip handle, 2½”
high, form only. Ampule
goals are provided for

K10005 - form
K10006 - form

K8474 - 5-prong
K8741 - 5-prong

Your Cost, Ea.
75c
60c

Air-Padding Condensers

Isolantite base; sol-
dered brass base; 0.16” air-gap; only 1½×1¼” high. Screw-down
diment; maintain con-
capacitance under all climatic condi-
tions. Type APC.

Stock No.
K6622
K6623
K6624
K6625
K6626
K6627
K6628
K6629

Your Cost Each
30c
50c
75c
1.02
1.14
1.35

Equalizers
Mica dielectric; Bakelite base; phosphor bronze
tube, red, of base 1½” by 1¼”.

K10056 - 4-form
K10057 - 5-form
K10058 - 6-form

Your Cost Each
42c
46c
50c

Mica Trimmers

Type "MIC"; Mounted on Isolantite base.

Stock No.
K2020
K2030

Your Cost Each
50c
65c

Isolantite Tube and COIL SOCKETS
Ideal low loss sockets for improved high fre-
quency reception. Constant resistivity and con-
tact eliminate noise. Glazed top and sides. "Cresin" treated underneath. Circular tube with
"guide groove". Subpanel or base mounting.

K8532 - 8-prong octal.

Your Cost Each
36c

Heavy-Duty R.F. Choke

For high-
power working in 40, 80, and 160-meter
bands. Suits pickups on

Isolantite core carry 500 ma., con-
duction 2.5 millihs., resistance 1 ohm.

K8532 - Your Cost
$1.05

Isolantite R.F. Choke

For short andultra-short wave
receivers and transmitters. Four
waddings carry 125 ma., inductance
8 m., d.c. resistance 70 ohms.

K8534 - Type PTS.

Your Cost
$2.40

Iron Core Transformers

Have extremely high

gain and sensitivity.

For use with all tubes. Mica trimmers on Isolantite. Overall
1½” square, 6½” high. Spade
molding, ¼” centers.

K7721 - Single stage input. 1CT-1
K7730 - Single stage input. 1CT-2
K7733 - Single stage input. 1CT-3

Your Cost, Any Type
$1.50

Litz-Wound Air-Tuned I.F. Transformers

These units will remain

their original settings to

within 1/10 of 1%. They are

Litz-wound, condensers of air-dielectric type. Essential of 115 with gain of 200 per

stage. Peak oscilla-
tor has leve to obtain

1000 or 1500 kc. note.

K8475 - 6-form
K8476 - 9-form

Your Cost Each
$2.70

Exciter Tuning Unit

Ideal tuning units for constructing high fre-
quency i.f. transformers for U.H.F. superhets and

for use in squeezer exiter units. Has two 32 condensers on Isolantite base. Form ¾”
diam., 2” long. In shield

can 2¼” x 1¼”.

K8531 - Your Cost
$2.40

Neutralizing Condensers

A new type high voltage horizontal adjusting neutralizing condenser. Thick, polished aluminum plates with
mounded insulation. Steel thraed screw provides adjustable control. "Cresin" nut for permanent setting.

Isolantite insulation. Two-hole mounting.

New Crystal Socket
Isolantite. For flush mounting in X.P. form, or on sturdies.

K8496
K8497

Your Cost Each
30c
90c

Accounting
WHOLESALE RADIO SERVICE CO., INC.
155
CIR Isolantite Sockets

Isolantite body is made of metal that can be rotated and locked. All but octal mount on ceramic stand-off (furnished). Two metal pillars with octal type.

No. Promts Stock No. Stock
K14534 4 4 14537 7 small
K14535 6 6 14538 7 large
K14536 8 octal

Your Cost Each, Any Type $1.05

Isolantite Sockets

These isolantite sockets reduce noise to a minimum. Suitable for either standard or baffle board mounting.

Type Stock No. Promts Stock No. Promts
K14425 2 4 14433 7 small
K14426 5 6 14434 7 large
K14427 6 1 44477 8 octal

Your Cost Each, 26c

Shell Type Sockets


K14524 Your Cost Each $1.05

Type XM-10, for all UX-base tubes.

K14566 Your Cost Each 26c

Pentode Acorn Socket

Type XMA. On square copper base with built-in by-pass condensers.

List 52.00

K14556 Your Cost Each $1.20

Triode Acorn Socket

Type XCA. Of Isolantite.

K14505 Your Cost Each 90c

Screen Grid Coupler

Type S-101

Used to couple the output of a screen grid tube to an audio amplifier. One tube contains a 700 Hen.

R100, 100U, 300 Choke

K14509 Your Cost Each $3.60

High-Power R.F. Choke

Isolantite core. 10,000-volt insulation. 0.6 ampere rating. 5-ft. long. 8-ma. d.e.r. 50 ohms, 1.25 ma. d.e.r. 500 ohms, 0.1 ma.

K14399 R-152. Each $1.35

Each

K14421 Your Cost Each 36c

FI00—Same specifications as above, but for chassis m.tg. like stand-off insulator.

K14422 Your Cost Each 36c

FI00—Like R100, but 1 m. in. d.c. leads (10 ma. D.C.) 200 ohms 1 m. d.e.r. d.c. d.e.r.

K14580-450-550 k.I.

K14582-450-550 k.I.

Your Cost Each 36c

Vicitron Terminals

Strip & Posts

For antenna connections in H.F. and B.W. Only. Requires two posts, described below. B.W.

K14409—Strip Only

Each

K14410-15c

E.F. Wire Binding Posts, accepts banana plug at top and wire thru hole. Positive clamp action.

K14411-15c

E.F.

Vicitron Terminals

For H.F. application. Ideal for mounting condensers, through chassis mounting insulator, etc. Dim. 1/4 x 1/4 in.

K14413 New Gird Grip

Each

Your Cost 3c

Steatite Bushing

For R.F. application. Ideal for mounting condensers, through chassis mounting insulator, etc. Dim. 1/4 x 1/4 in.

K14415 New Gird Grip

Each

Your Cost 3c

Buffer Coil Forms

Type XR-13 is 1 3/8 x 1 3/8 in.; type XR-18 is 2 3/8 x 2 3/8 in. Both types drilled 1.5 in. to 12 in. for 650 pl. Insulated. Shpg. wt. 2 lbs.

Your Cost Each $1.50

Type XR-13—Your Cost $0.75

Type XR-18—Your Cost $1.00

Stand-Off Insulators

Isolantite

2 in. stand-off. Insulated. 650 pl. Insulated. Shpg. wt. 2 lbs.

Your Cost Each $0.75

Stand-Off Insulators

Isolantite

1 in. stand-off. Insulated. 650 pl. Insulated. Shpg. wt. 2 lbs.

Your Cost Each $0.50

Ceramic Coil Forms

Consists of the XR-18A with form (for 20 and 40 meters), the new Isolantite insulator core and base and socket. Plugs for high. The socket clamps on to carriers of TMA condensers. Slowly the socket clamps on to a higher frequency circuits.

K14347—XR-10A coil form only. 26 turns. 25 5/8 x 25 5/8 in;

Your Cost Each $2.10

K14348—XR-18. Each $0.85

Yon Your Cost Each 3c

K14451 XR-18. Each $0.85

Your Cost Each $0.10

Edger Coils and Forms

Unglazed Isolantite form drilled for leads (at left).

K14513—XR-18 coil form 36c

K14515—XR-16 coil form 30c

AIR SPACED COILS


K14583 80 20 36c

K14584 20 20 30c

K14585 80 30c

K14586 20 80 30c

K14587 80 30c

Stand-Off Insulators

Steatite

Stands 1 1/4 in. high. Milled mounting centers 1 1/2 in. GS-8 has bead nut. hardware. GS-9 is equipped with a standard jack. These units are used for mounting apparatus such as coils, condensers, sockets, etc.

K14406 GS-8 Your Cost Each $21

K14479 GS-7 Your Cost Each $30

High-Frequency Bushings

Steatite A new construction. Each pair including bushing and centres. 1 3/4 in. GS-8 has bead nut; hardware. GS-9 is equipped with a standard jack. These units are used for mounting apparatus such as coils, condensers, sockets, etc.

K14448 XS-1 Your Cost Each $0.45

K14449 XS-2 Your Cost Each $0.35

K14450 XS-3 Your Cost Each $0.30

K14451 XS-4 Your Cost Each $0.25

K14452 XS-5 Your Cost Each $0.20

XR Ultra-41-Freq. Coil Forms

Made of 39. Excellent power factor. Machinable, high, mounting, drilling and grooving. Excellent for high frequency circuits. XR-16A. probes. 1 x 1/4 in.

K14448 Each $21

K14449 Each $30

K14450 Each $30

K14451 Each $30

K14452 Each $30

Feeder Spreader

Steatite Conv. Conventional in design, smaller, higher, efficiency. Diam. 1.5 mm. Excellent for 600 ohm surge protection. Impedance with 12 wire. Type AA-3.

K14490 List per 10c

K14491 List per 10c

ANTENNA INSULATOR

Steatite. 4 1/2 long. 1/8 diameter. Very strong. Type A-6.

K14492 List 15c

K14493 Your Cost Each $18

K14494 Your Cost Each $25

166

Perfect Merchandise - Prompt Shipment - Personal Service.

NATIONAL Amateur EQUIPMENT
**“TMC” Heavy Duty Units**

Plates of heavy aluminum with buffered rounded edges. Isolantane insulating 1/4-hole bolt-screw panel mts.; 1/4" shafts; 3/4" long; 3/4" wide; 3/4" high (except TCN). Have double spiral type rotor wiping contacts. *Note:* For neutralizing 203A, 862, 204A, etc.

**“NC” NEUTRALIZING CONDENSERS**

Type NC-600 (A) is suitable for plates and similar tubes. Range from 1/2 to 5 mmols. Pigtail wire leads.

**Midget Receiving Condensers**

<table>
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<th>Mfd. Plate</th>
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<tr>
<td>K1429</td>
<td>ST55</td>
<td>36</td>
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<td>K1431</td>
<td>ST50</td>
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<td>100</td>
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<tr>
<td>K1427</td>
<td>SF-H385</td>
<td>385</td>
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</tbody>
</table>

*For neutralizing tubes like 10, 45, 47, etc.; 3000 volts peak.*

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**Ultra Midget Condensers**

For ultra high frequencies. Condensers suitable for isolantane base 1 1/2". Can be built in in shield can. Shaft extends above condenser. Type UM B28 has 4 stations on single rotor.

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Nat’l Mfd.</th>
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<tbody>
<tr>
<td>K1436</td>
<td>UM-15</td>
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<td>K1438</td>
<td>UM-20</td>
</tr>
<tr>
<td>K1439</td>
<td>UM-10</td>
</tr>
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*0.05 air-gap; all others .017.*

---

**Precision Condensers**

For circuits, and Labs.

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Nat’l Mfd.</th>
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<tbody>
<tr>
<td>K1441</td>
<td>UM-15</td>
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<tr>
<td>K1442</td>
<td>UM-10</td>
</tr>
<tr>
<td>K1443</td>
<td>UM-5</td>
</tr>
</tbody>
</table>

**For Circuits and Labs**

Rotors insulated from frame; plate insulated. Pre-loaded worm gear with 20:1 ratio. Micro-polar condensers.

---

**Interlocking Push Switches**

B-39 insulation. Silver-plated contacts are d.p.t. ACS-4—4-gang, with trigger bar. K1430—Each $1.50 ACS-1—Single section, less trigger bar. K1430—Each $1.75

---

The 9.13 1" Oscilloscope

Employ 9T12 type tube have a l l i n s e n s e . Power supply, 60 cycle sweep by type A Metal case. Is 44x41x12 1/2". Wt. 16 lbs. Furnished low tubes (918, 6X5). List $38.50. K1540—Each $11.15

---

The “O” Dial Drive & Vernier

Designed especially for 1C circuits. Jigsaw bushing and lock nut, 1C-11, 1C-12, 1C-16. Black Bakelite knob. K1437—Your Cost $36.00

---

The “N” Precision Dial

Engine divided scale and vernier of solid German silver. Reads to 1/10 of a division. Planetary drive ratio 4:1. 4:1. Scale knob. K1436—Each $4.05

---

The “B” Vernier Dial

Type “BM.” Similar to above but without variable ratio, 3" dial. K1450—Each $1.00

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The HRO Dial

And Knob

Plated nickel silver, 1 1/4" long. Takes 4" shafts. K1450—Each $9.00

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The Price SUBJECT TO CHANGE WITHOUT NOTICE

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**MIGRIT CONDENSERS**

A low-priced unit for receivers, transmitters and experimental work. Non corrosive brass plates. Bakelite insulation, 1/4" shafts.

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Mfd.</th>
<th>Plate</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1437</td>
<td>15</td>
<td>0.25</td>
<td></td>
</tr>
<tr>
<td>K1438</td>
<td>25</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>K1439</td>
<td>35</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>K1440</td>
<td>45</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>K1441</td>
<td>55</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>K1442</td>
<td>65</td>
<td>2.50</td>
<td></td>
</tr>
<tr>
<td>K1443</td>
<td>75</td>
<td>3.00</td>
<td></td>
</tr>
</tbody>
</table>

- 36C
- 50C
- 60C
- 75C
- 90C
- 100C
- 125C
CROWE Mathematical 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 8 dial scales, combined reading of which afford 600 graduations in 180° condenser rotation. Gear drive, with take-up to prevent backlash. Has built-in fly-wheel. Connects to condenser shaft, through coupling. Shpg. wt. 3 lbs.
K9303 - Your Cost $3.73

RAYTHEON Transmitting Tubes
A complete line of triodes, pentodes, beam power tetrodes and rectifiers. From "flea power" to a kilowatt the Raytheon line is complete, offering highest quality, most efficient design and long life. Hard glass bulbs, isolantite insulation and the best plate material for the type assure top performance.

<table>
<thead>
<tr>
<th>Type</th>
<th>Purpose</th>
<th>Net Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK-11</td>
<td>Med Mu—R.F. Amplifier</td>
<td>$2.50</td>
</tr>
<tr>
<td>RK-12</td>
<td>Zero Bias Mod. Amplifier</td>
<td>$2.50</td>
</tr>
<tr>
<td>RK-20A</td>
<td>R.F. Pentode — 15 Watts</td>
<td>$15.00</td>
</tr>
<tr>
<td>RK-25</td>
<td>R.F. Pentode — 22 Watts</td>
<td>$3.95</td>
</tr>
<tr>
<td>RK-33</td>
<td>U.H.F. Triode — 225 Watts</td>
<td>$3.50</td>
</tr>
<tr>
<td>RK-39</td>
<td>Beam Tetrode — 36 Watts</td>
<td>$3.50</td>
</tr>
<tr>
<td>RK-47</td>
<td>Beam Tetrode — 120 Watts</td>
<td>$17.50</td>
</tr>
<tr>
<td>RK-43</td>
<td>Beam Tetrode — 25 Watts</td>
<td>$2.10</td>
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<tr>
<td>RK-52</td>
<td>Zero Bias Mod. R.F. Amplifier</td>
<td>$6.50</td>
</tr>
<tr>
<td>RK-7B85</td>
<td>Zero Bias Mod. R.F. Amplifier</td>
<td>$13.50</td>
</tr>
<tr>
<td>RK-63</td>
<td>U.H.F. Triode — 255 Watts</td>
<td>$22.00</td>
</tr>
<tr>
<td>866</td>
<td>Mercury Vapor Rectifier</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Western Electric Tubes
Table 316A—Illustrated at the left is the famous "door knob" 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 480. Filament 8 volts or d.c.

Type No. | Type        | Cost Each |
---------|-------------|-----------|
304B     | Triode      | $12.50    |
305A     | Tetrode 60 plate digs. | $13.50    |
306A     | Triode, 60 plate digs. | $10.00    |
307A     | Triode, 50 plate dials. | $15.50    |

Clips and Sockets for New Tubes
Acorn Socket—Made of genuine Mycalex, 1/4" square for 954 and 955 type tubes. Rugged spring contacts assure tight noiseless connections.

K13117 - Your Cost $50.00

New Vornier Dial
A new friction drive vernier dial, 2 1/2" diameter. Smooth point-back latch. Polished nickel silver with etched black markings. For 4 1/2" shaft.

K14236 - Your Cost Each 73c
K14237 - Same, but 4" diameter. 1.03

JOHNSON Sockets
Low-absorption porcelain material base. Heavy coating of chrome contacts, cadmium-plated with double filament springs. Heavy nickel plated shells.

K14240 - Standard UX base. $50.00
K14241 - UX Insulex Socket. $73c

JOHNSON Alsimag Wafer Sockets
K14155 - New Alsimag low-loss material socket for 631 tube. $73c
K14156 - New Alsimag low-loss material socket for 952 tube. $10.03

Sunco Neon Tuning Wand
Measures peak currents, modulation, indicates neutralization of stage to maximum antenna output, 850 long, 14° Dia.
K11307 - Your Cost $1.50

CROWE Planetary Dials
Red speed transmitting dials, with stationary micrometer markers. Has smooth Vornier planetary movement concealed in knob. Ratio about 61:1 in 360°. All are calibrated 0-100, chromium plated, and fit 1/4" shaft.
K12432 - 24" dia. $180.00 calibration. List $4.15 Each
K12445 - 4", 270° calibration. List $4.90 Each

Ultra-High Frequency R.F. Choke Excellent for ultra-high frequency receiver elements, transmitters, etc. Single layer winding on enamel covered terminals with convenient strap leads at each end. Inductance: 6.7 mH; resistance 1.4 ohms.
K10108 - Your Cost Each 15c

Transmitter Knobs
New process makes these black wood knobs almost impossible to distinguish from Bakelite. Each have engraved white color lettering or color screw with brass insert.
K13007 - 2 1/4", 16c. Each
K13010 - 2 1/2", 1 1/2", $1.95. Each

Etched Metal Name Plates
Rectangular aluminum plates, 1 1/2 x 3 1/2". Raised aluminum letters on black etched background, for ham transmitters, oscillators, or incandescent and amplifiers for public address or sound systems.

A.C. Input
- Amplitude Grid. Cur.
- Amplifier Screen Cur.
- Antenna
- Antenna Feeder Cur.
- Buffer Plate Current
- Buffer Plate
- 1st Buffer Grid
- 2nd Buffer Plate
- 2nd Buffer Grid
- Modulator Plate
- Monitor
- Neut. Condenser
- Oscillator

Filament Voltage
Fil, 1st ON; 2nd OFF
Gain Control
50 Ohm Input
125 Ohm Input
200 Ohm Input
500 Ohm Input
Plate Voltage
Plate Voltage
Plate Voltage
Plate Voltage
- 1st OFF
Power Amp. Grid
Power Amp. Plate
Rectifier
Speaker

Osc. Plate Current
50 Ohm Output
125 Ohm Output
200 Ohm Output
500 Ohm Output
Plate
Plate
Plate
Plate
- 1st OFF
Power Amp. Grid
Power Amp. Plate
Rectifier
Speaker

5c.
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 efficient 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 insures on quality.

Type TZ-40—The Type TZ-40, 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 tube with a carbon anode. Your Cost $1.00. Your Price $0.60.

Type TZ-40—Similar to the above but a zero bias tube good for RF and Class "B" AF circuits. Your Cost $2.50.

Type T-20—A small grid converter. Maximum plate dissipation—20 watts. Your Cost $2.25.

Type T-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. 56 watts plate dissipation. Your Cost $11.50.

Type T-200—Similar to the above but 200 watts dissipation. Extra large carbon anode (21/4 x 1/2”). Price $7.75.

Type T-203-Z—Zero bias tube for Class "B" Audio (300 watts). Metal plate. May also be used for RF. Your Cost $10.00.


Type B 86—New shielded type Mercury vapor rectifier. Each $1.50.

Type B 86 Jr.—Similar but lighter duty. Your Cost $1.00.

Type B 1—Another excellent medium power pentode. Ideal for 1 kW transmitters. Your Cost $5.00.

Type TW-150—Brass base. Naval “Thin Wall” 150 Watt. Guaranteed to withstand temporary loads of up to 800%! Very easy to drive—a single T-20 will do it.

Your Cost $15.00.

Heinz-Kaufman GAMMATRONS

Type 24—Plate dissipation 25 watts. Max. plate volts 1600; Fil. V. 6.3; Power output 87.5 watts—25 volts at 1000 (2000) MA’s. Each $3.50.

Type 54—Plate dissipation 55 watts. Max. plate volts 2400; Fil. V. 6.3; Power output about 210 watts. Frequency at full ratings 100 MC. Each $6.75.

Type 254—Plate dissipation 100 watts. Max. plate volts 3000; Fil. V. 6.3; Max. power output 450 watts. Max. frequency at full ratings 80 MC. Each $2.25.

Your Cost $38.50.

HYFRETRANSMITTING TUBES

Bantam Tubes

A special line of laboratory-built Bantam tubes that are being used for use in high frequency communication receivers, and have been especially selected for gain and circuit stability needed.

6AG8TX—Pentagrid converter. Replaces metal 6A8 and glass 6AG8. Each $0.95.

6JGT—Medium-muntriode. Replaces 6J6 and 6G7C. Each $0.95.

6JGT—Sharp cut-off pentode. Replaces 6J7 and 6G7C. Each $0.95.

6K7GT—Remote cut-off pentode for higher frequency work. Replaces 6K7 and 6K7G. Each $0.95.


HYFRETRANSMITTING TUBES

6L6GX Ceramic Beam Power Tube

Replaces 6L6 and 6L6G types in high frequency and audio work as an excellent tube in both grid and plate coupling. Ceramic base practically eliminates microphonics, and increases output due to the improved filament and plate grids. Plate and grid leads are at top. Overall height 31/4", diameter 1 1/4". Each $1.25

HY-111—HY-615 U. H. F. Tubes

HY-111—A new ultra high frequency pentagrid unit, designed to be used in power amplifiers. Ceramic base practically eliminates microphonics, and electrical and mechanical stability. Plate and grid leads are at top. Overall height 4 1/4", diameter 1 1/4". Each $2.00

HY-111—same as above but 6.3 Ma. flanged. Each $2.00.

Radio Wire Television Co., as the largest distributor of RCA tubes carries a complete stock of transmitting and experimetal TV tubes. For type pos. and price list please write for quotation. Following are abbreviations used in tube description:

O = Oscillator; R = RF Power Amplifier; M = Modulator; C = Class B Modulator; B = Beam Power Amplifier; T = Triode; P = Pentode.

HIGHTVOLTAGENETWAVE RECTIFIERS

CATHODE RAY TUBES

CATHODE RAY REJECTORS AND GAS TRIODES

EXPERIMENTAL TELEVISION TUBES

PHOTOTUBES

MISCELLANEOUS TUBES

Radio Wire Television Inc., formerly WHOLESALE RADIO SERVICE CO., INC.
## 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 shipp. wt., each 1 lb.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Primary</th>
<th>Power Supplied</th>
<th>Case</th>
<th>Weight</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K8114</td>
<td>S-14</td>
<td>2400, 4000, 7000</td>
<td>10</td>
<td>G-2</td>
<td>2.06</td>
<td></td>
</tr>
<tr>
<td>K815</td>
<td>S-16</td>
<td>4000, 6000, 10,000</td>
<td>12</td>
<td>G-2</td>
<td>2.06</td>
<td></td>
</tr>
<tr>
<td>K817</td>
<td>S-37</td>
<td>3000, 3800, 6000</td>
<td>55</td>
<td>G-5</td>
<td>3.82</td>
<td></td>
</tr>
</tbody>
</table>

## Universal Output Transformers

Designed to match any modulator tubes to any RF load. See N. 1 for new price list.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Audio Power</th>
<th>Case</th>
<th>Weight</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K818</td>
<td>S-18</td>
<td>12</td>
<td>G-3</td>
<td>2.06</td>
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</tr>
<tr>
<td>K819</td>
<td>S-19</td>
<td>30</td>
<td>G-4</td>
<td>2.79</td>
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</tr>
<tr>
<td>K820</td>
<td>S-20</td>
<td>65</td>
<td>G-5</td>
<td>1.82</td>
<td></td>
</tr>
<tr>
<td>K821</td>
<td>S-21</td>
<td>110</td>
<td>G-7</td>
<td>5.88</td>
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</tr>
<tr>
<td>K822</td>
<td>S-22</td>
<td>25</td>
<td>G-9</td>
<td>8.25</td>
<td></td>
</tr>
</tbody>
</table>

## Matching Transformers

Average shipping weight, each 4 lb.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Application</th>
<th>Pri. Ohms</th>
<th>Sec. Ohms</th>
<th>Case</th>
<th>Weight</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K811</td>
<td>S-11</td>
<td>Single 56, 6C5 triode, 6C5 or similar tube</td>
<td>2000, 500</td>
<td>2000</td>
<td>G-2</td>
<td>1.74</td>
<td></td>
</tr>
<tr>
<td>K812</td>
<td>S-12</td>
<td>Line to speaker, 15 watts</td>
<td>10,000</td>
<td>2000, 500</td>
<td>G-2</td>
<td>2.06</td>
<td></td>
</tr>
</tbody>
</table>

## Universal Driver Transformers

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Type</th>
<th>Application</th>
<th>Case</th>
<th>Weight</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K858</td>
<td>S-8</td>
<td>Single driver plate to push-pull grids</td>
<td>G-3</td>
<td>3.23</td>
<td></td>
</tr>
<tr>
<td>K859</td>
<td>S-9</td>
<td>P.P. Driver plates to grids of class B tubes up to 400 watts output</td>
<td>G-3</td>
<td>2.21</td>
<td></td>
</tr>
<tr>
<td>K810</td>
<td>S-10</td>
<td>P.P. 56, 6C5 triode, 6C5, or similar plates to 45's, 2A3's, or 6L6's self or fixed bias</td>
<td>G-3</td>
<td>2.06</td>
<td></td>
</tr>
</tbody>
</table>

## Multiple Secondary Filament Windings

Primary tapped 105, 115 volts, 60/60 cycles a.c. All secondaries center tapped. Shipp. wt., each 8 lbs.

<table>
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</thead>
<tbody>
<tr>
<td>K866</td>
<td>S-64</td>
<td>120</td>
<td>2.5</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>6</td>
<td>G-5</td>
<td>3.25</td>
<td></td>
</tr>
<tr>
<td>K865</td>
<td>S-65</td>
<td>120</td>
<td>2.5</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>3</td>
<td>G-5</td>
<td>3.25</td>
<td></td>
</tr>
<tr>
<td>K866</td>
<td>S-66</td>
<td>120</td>
<td>10</td>
<td>7.6</td>
<td>6.5</td>
<td></td>
<td></td>
<td>6</td>
<td>3</td>
<td>G-5</td>
<td>2.35</td>
<td></td>
</tr>
<tr>
<td>K867</td>
<td>S-67</td>
<td>120</td>
<td>6</td>
<td>6.3</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>6</td>
<td>G-5</td>
<td>2.35</td>
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</tr>
<tr>
<td>K868</td>
<td>S-68</td>
<td>120</td>
<td>6</td>
<td>6.5</td>
<td>6.5</td>
<td></td>
<td></td>
<td>7</td>
<td>5</td>
<td>G-5</td>
<td>2.35</td>
<td></td>
</tr>
<tr>
<td>K869</td>
<td>S-69</td>
<td>120</td>
<td>6</td>
<td>6.3</td>
<td>7.6</td>
<td></td>
<td></td>
<td>6</td>
<td>5</td>
<td>G-5</td>
<td>2.35</td>
<td></td>
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<tr>
<td>K870</td>
<td>S-70</td>
<td>120</td>
<td>6</td>
<td>6.3</td>
<td>6.5</td>
<td></td>
<td></td>
<td>6</td>
<td>6</td>
<td>G-5</td>
<td>2.35</td>
<td></td>
</tr>
<tr>
<td>K872</td>
<td>S-72</td>
<td>120</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td></td>
<td></td>
<td>6</td>
<td>6</td>
<td>G-5</td>
<td>2.35</td>
<td></td>
</tr>
</tbody>
</table>

All 3000 volt insulation except S-71 (10,000 v) and S-72 (5000 v).

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## Filter, Swinging and Audio Chokes

### Filter Transformers

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Service</th>
<th>Hy.</th>
<th>Ma.</th>
<th>Ohms</th>
<th>Case</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K823</td>
<td>&quot;-88</td>
<td>Audio</td>
<td>500</td>
<td>5</td>
<td>6000</td>
<td>G-2</td>
<td>5.32</td>
</tr>
<tr>
<td>K825</td>
<td>&quot;-87</td>
<td>Filter</td>
<td>100</td>
<td>20</td>
<td>2500</td>
<td>G-2</td>
<td>1.18</td>
</tr>
<tr>
<td>K827</td>
<td>&quot;-27</td>
<td>10</td>
<td>60</td>
<td>2500</td>
<td>G-2</td>
<td>1.18</td>
<td></td>
</tr>
<tr>
<td>K828</td>
<td>&quot;-28</td>
<td>10</td>
<td>100</td>
<td>2500</td>
<td>G-2</td>
<td>1.18</td>
<td></td>
</tr>
<tr>
<td>K829</td>
<td>&quot;-29</td>
<td>10</td>
<td>175</td>
<td>95</td>
<td>G-6</td>
<td>1.62</td>
<td></td>
</tr>
<tr>
<td>K830</td>
<td>&quot;-30</td>
<td>Swing</td>
<td>5/26</td>
<td>175</td>
<td>G-6</td>
<td>1.62</td>
<td></td>
</tr>
<tr>
<td>K831</td>
<td>&quot;-31</td>
<td>Filter</td>
<td>225</td>
<td>120</td>
<td>G-5</td>
<td>2.06</td>
<td></td>
</tr>
<tr>
<td>K832</td>
<td>&quot;-32</td>
<td>Swing</td>
<td>6/25</td>
<td>225</td>
<td>G-5</td>
<td>2.06</td>
<td></td>
</tr>
<tr>
<td>K833</td>
<td>&quot;-33</td>
<td>Swing</td>
<td>250</td>
<td>90</td>
<td>G-7</td>
<td>2.94</td>
<td></td>
</tr>
<tr>
<td>K834</td>
<td>&quot;-34</td>
<td>Swing</td>
<td>250</td>
<td>300</td>
<td>G-7</td>
<td>2.94</td>
<td></td>
</tr>
<tr>
<td>K835</td>
<td>&quot;-35</td>
<td>Filter</td>
<td>200</td>
<td>85</td>
<td>G-8</td>
<td>3.82</td>
<td></td>
</tr>
<tr>
<td>K836</td>
<td>&quot;-36</td>
<td>Swing</td>
<td>250</td>
<td>85</td>
<td>G-8</td>
<td>3.82</td>
<td></td>
</tr>
<tr>
<td>K837</td>
<td>&quot;-37</td>
<td>Swing</td>
<td>250</td>
<td>50</td>
<td>G-7</td>
<td>5.29</td>
<td></td>
</tr>
<tr>
<td>K838</td>
<td>&quot;-38</td>
<td>Swing</td>
<td>250</td>
<td>50</td>
<td>G-7</td>
<td>5.29</td>
<td></td>
</tr>
</tbody>
</table>

### Swinging Transformers

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Service</th>
<th>Hy.</th>
<th>Ma.</th>
<th>Ohms</th>
<th>Case</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>K841</td>
<td>&quot;-77</td>
<td>Audio</td>
<td>500</td>
<td>5</td>
<td>6000</td>
<td>G-2</td>
<td>5.32</td>
</tr>
<tr>
<td>K842</td>
<td>&quot;-78</td>
<td>Filter</td>
<td>100</td>
<td>20</td>
<td>2500</td>
<td>G-2</td>
<td>1.18</td>
</tr>
<tr>
<td>K843</td>
<td>&quot;-79</td>
<td>Filter</td>
<td>100</td>
<td>20</td>
<td>2500</td>
<td>G-2</td>
<td>1.18</td>
</tr>
<tr>
<td>K844</td>
<td>&quot;-80</td>
<td>Swing</td>
<td>6/25</td>
<td>175</td>
<td>G-6</td>
<td>1.62</td>
<td></td>
</tr>
<tr>
<td>K845</td>
<td>&quot;-81</td>
<td>Swing</td>
<td>6/25</td>
<td>175</td>
<td>G-6</td>
<td>1.62</td>
<td></td>
</tr>
<tr>
<td>K846</td>
<td>&quot;-82</td>
<td>Swing</td>
<td>5/26</td>
<td>175</td>
<td>G-6</td>
<td>1.62</td>
<td></td>
</tr>
</tbody>
</table>

### Audio Chokes

- **Type**: S-3, S-31, S-33, S-34
- **Hy.**: 2000
- **Ma.**: 500
- **Ohms**: 50
- **Case**: G-5

### Plate Transformers

**For 115 v., 50/60 cycles a.c.**

- **Type**: S-1, S-2, S-3, S-4
- **Hy.**: 400-400-400-400
- **Ma.**: 175, 175, 250, 250
- **Ohms**: 250, 250, 250, 250
- **Case**: G-2

### Plate and Filament Transformers

- **Type**: S-3, S-4, S-5
- **Hy.**: 500-500-500
- **Ma.**: 250, 250, 250
- **Ohms**: 250, 250, 250
- **Case**: G-2

### Single Secondary Filament Transformers

- **Type**: S-3, S-4, S-5
- **Hy.**: 250-250-250
- **Ma.**: 175, 175, 250
- **Ohms**: 250, 250, 250
- **Case**: G-2

---

**Radio Wire Television Inc.**

**Formerly WHOLESALE RADIO SERVICE CO., INC.**
TRU-FIDELITY AUDIO UNITS

LINE, MIXER OR SINGLE TO GRID T-90A0- Primary 500*250/250/250/250/250, max. operating level 80 db. M.T.C. 100 ma. per side. Secondary 500*250/250/250/250, max. operating level 80 db. M.T.C. 100 ma. per side. $10.00 Cost.

SINGLE PLATE TO PULL-PUSH GRIDS T-90A0-Primary 200,000/000 ohms for 56, 76, 846, 607, 670, etc. Max. operating level 20 db. M.T.C. 100 ma. per side. Secondary 200,000/000 ohms for 56, 76, 846, 607, 670, etc. Max. operating level 20 db. M.T.C. 100 ma. per side. $8.82 Cost.

PUSH-PULL PLATES TO PULL-PUSH GRIDS T-90A0-Primary 200,000/000 ohms for 56, 76, 846, 607, 670, etc. No d.c. in primary. Max. operating level 20 db. M.T.C. 100 ma. per side. Secondary 200,000/000 ohms for 56, 76, 846, 607, 670, etc. Max. operating level 20 db. M.T.C. 100 ma. per side. $9.70 Cost.

PUSH-PULL POWER TUBES TO VOICE COIL T-9050B-Primary 600/000/1250/750 ohms for 56, 76, 846, 607, 670, etc. No d.c. in primary. Max. operating level 20 db. M.T.C. 60 ma. per side. Secondary 600/000/1250/750 ohms. $6.97 Cost.

LINE TO VOICE COIL T-9052S-Primary 600/000/250/200/125/60 ohms. Max. operating level 30 db. Secondary 2.5/3.75/5/7.5/10/15 ohms. $8.23 Cost.

C H T "MULTI-MATCH" MODULATION TRANSFORMERS

Features plug-in terminals for input and output, complete matching for any tube to any plate load. Variation in primary and secondary obtained with plug-in jacks which are furnished with each transformer.


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 Multi-Match Modulation Transformers.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K612</td>
<td>T1M13</td>
<td>5</td>
<td>60</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>6</td>
</tr>
<tr>
<td>K613</td>
<td>T1M14</td>
<td>5</td>
<td>60</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
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<tr>
<td>K614</td>
<td>T1M15</td>
<td>5</td>
<td>60</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>4.6</td>
</tr>
<tr>
<td>K615</td>
<td>T1M16</td>
<td>10</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>4.5</td>
</tr>
<tr>
<td>K616</td>
<td>T1M17</td>
<td>10</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>4.1</td>
</tr>
</tbody>
</table>

* Designed for doubleductor. Will deliver both ratings simultaneously.

UNIVERSAL BIAS TRANSFORMERS

Type 2N Multi-Mags. Primaries for 115 volts, 50-60 cycles. Both types have secondaries rated at 200 ma. Voltage steps are approximate.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K562</td>
<td>T1R31</td>
<td>10 to 100 in 6 steps</td>
<td>3% x 3% x 4%</td>
<td>7</td>
<td>$3.23</td>
<td></td>
</tr>
<tr>
<td>K563</td>
<td>T1R32</td>
<td>1000 to 1600 in 6 steps</td>
<td>3% x 4% x 4%</td>
<td>11</td>
<td>4.26</td>
<td></td>
</tr>
</tbody>
</table>

* Primary for 500 ohm line.
Truetest Filament Transformers
All have 115 V. 60/50 cycles a.c. primaries and 2500 V. insulation except. K5612 which has 5000 V. insulation.
All are 3/4 x 3/8 in. Stock No.

<table>
<thead>
<tr>
<th>Description</th>
<th>Voltage</th>
<th>Current</th>
<th>Description</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>K2547</td>
<td>10 V. CT</td>
<td>6 1/2 A</td>
<td>K2549</td>
<td>6 V. CT</td>
<td>6 A</td>
</tr>
<tr>
<td>K2033</td>
<td>3 sec. 75 V.</td>
<td>3 A</td>
<td>K5508</td>
<td>2 V. CT</td>
<td>0.1 A</td>
</tr>
<tr>
<td>K5509</td>
<td>7 1/2 V. CT</td>
<td>4 A</td>
<td>K5511</td>
<td>5 1/2 A</td>
<td>2 V. CT</td>
</tr>
<tr>
<td>K5512</td>
<td>2 1/2 V. CT</td>
<td>1 1/2 A</td>
<td>K5513</td>
<td>6 1/2 A</td>
<td>6 V. CT</td>
</tr>
</tbody>
</table>

Special Plate

Transf.
Ideal for low-voltage circuits such as those in 6 L6's, etc.
Contains tapped high-voltage secondary—500-125-0-125-500 volts a.c. at 250 milliamperes. Also, 6.5 volts c.t. at 3.5 amps; 5 volts a.c. at 3.5 amps. Dimensions 6 1/4 x 4 1/8 x 3/8 in. Shpg. wt. 9 lbs. Ideal for experimental case.

K5474 — Your Cost $2.95

Smoothing Choke
Heavy duty smoothing and filter choke, especially designed for amateur or public address application. Full advanced design in the best case. Stand-off terminals with lug. Inductance—20 henries; rated at 200 m.m. D.C. Dim. 5 1/4 x 3 x 3/8 in. Shpg. wt. 10 1/2 lbs.

K5465 — Your Cost $2.85

Special "Ham" Units By Stanco

Very popular size power transformers by Stanco at a very reasonable price. Complete instructions furnished.
Type M-1535—Primary 15 V. 60/60 cycles. Secondaries: 1200 V. CT at 200 Ma; 7 1/4 V. CT at 3 A. 6 V. CT at 10 Amps. Mgt. area—3 1/4 x 1 1/2 x 3/8 in. Shpg. wt. 13 lbs.

K1773 — 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 Cap. Depth Your Cost

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
<th>Capacity</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>K044</td>
<td>15</td>
<td>0.047</td>
<td>1 1/2</td>
</tr>
<tr>
<td>K047</td>
<td>35</td>
<td>0.08</td>
<td>1</td>
</tr>
<tr>
<td>K052</td>
<td>1.0</td>
<td>0.65</td>
<td>3 1/4</td>
</tr>
<tr>
<td>K054</td>
<td>4.0</td>
<td>0.30</td>
<td>3</td>
</tr>
</tbody>
</table>

We can supply your needs for all types of amateur equipment at sensible prices. Write, giving details.

SANGAMO ECONOMY MICAS
Voltages given are D.C. Test Volts

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>UBS</th>
<th>Value</th>
<th>Capacity</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3600</td>
<td>1sc</td>
<td>120</td>
<td>60 µf</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3601</td>
<td>1sc</td>
<td>105</td>
<td>75 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3602</td>
<td>1sc</td>
<td>100</td>
<td>80 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3603</td>
<td>1sc</td>
<td>80</td>
<td>100 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3604</td>
<td>1sc</td>
<td>60</td>
<td>125 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3605</td>
<td>1sc</td>
<td>35</td>
<td>250 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3606</td>
<td>2sc</td>
<td>35</td>
<td>80 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3607</td>
<td>2sc</td>
<td>25</td>
<td>120 µf</td>
<td>$1.29</td>
</tr>
<tr>
<td>K3608</td>
<td>2sc</td>
<td>12</td>
<td>220 µf</td>
<td>$1.29</td>
</tr>
</tbody>
</table>

SANGAMO X'mitting Micas
For low and high power transmitters, power supplies, power amplifiers, etc. Employ the finest ruby mica dielectric. Completely cast in molded bakelite housings with screw terminals on each end. Sizes 1/4", 1/2", 3/4" (thick) and 1 1/2" (slightly thicker, no cost increase). Immerse in oil to measure.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Value</th>
<th>Capacity</th>
<th>Your Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K3050</td>
<td>24c</td>
<td>100</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3051</td>
<td>24c</td>
<td>115</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3052</td>
<td>24c</td>
<td>120</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3053</td>
<td>24c</td>
<td>125</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3054</td>
<td>24c</td>
<td>130</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3055</td>
<td>24c</td>
<td>135</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3056</td>
<td>24c</td>
<td>140</td>
<td>$0.92</td>
</tr>
<tr>
<td>K3057</td>
<td>24c</td>
<td>145</td>
<td>$0.92</td>
</tr>
</tbody>
</table>

OHMITE Dummy Antenna Resistor
A special 100 watt dummy, constant in resistance and impedance at high radio frequencies and built into a vacuum tube for convenient mounting. For checking tube power and tuning up transmitters. Presents low inductance-constant resistance load. 4-prong Bayonet base.

K12920 — 75 ohms 100 Watts
K12921 — 150 ohms 100 Watts
Your Cost Either Type $3.23

OHMITE R.F. Plate Chokes

Solenoid chokes designed to cover all main radio amateur bands, to avoid fundamental or harmonic resonances in these bands. Single-layer winding on ceramic tube, moisture-proofed; all 1000 ma. D.C. current rating. Non-magnetic mica brackets; will not break down on high field potentials. 6 meter chokes without bracket but with pigtails. Stock Band Dc. Msms. Your Cost.

K1007 | 5 | 5 1/8 | 5 1/8 | $1.47
K1008 | 10 | 4 1/4 | 4 1/4 | $2.94
K1009 | 20 | 4 1/4 | 4 1/4 | $6.76
K1010 | 30 | 4 1/4 | 4 1/4 | $12.48

OHMITE 3-Point Band Switch
Features porcelin-insulation, wide spacing, silver contacts, and floating graphite contact shoe. For up to 1 kw. With knob and bracket. Shpg. wt. 2 1/2 lbs.

K12996 — Your Cost $1.76

Tap Switches
Non-shorting type. Porcelain and vitrified enameled construction. Only 1 1/4" diameter. Silver contact shoe.

K12978 — Your Cost $2.79
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 microhenry choke having a d.c. resistance of 0.008 ohms. 15 x 15 x 4 3/4 D.

K10078 — Your Cost 88¢

IRC "NAB" Parasitic Suppressor
50 ohm non-inductive wire-wound resistor used to suppress parasitics in audio driver or power amplifier tubes. Shpg. wt. 1/4 lbs.

K5103 — Last 90c.

Your Cost 53¢

IRC Universal Bleeder Resistor
25,000 ohms, tapped at 70.049, 10,000, 12,500, 15,000, 20,000, 25,000. Rated at 18 watts attached flat to metal chassis. Insulated 1000 volts.

K5104 — Each 73¢
Hyvol oil filled and impregnated transmitting condensers. Hermetically sealed in metal containers. Rated capacity remains constant overall 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" can be used on any type of condenser. Type "B" welded steel aluminum finish. Shpg. wt. 2 lbs.

K4191 A 1.0 2 x 2" 1.54 $0.47
K4180 A 2.0 2 x 2" 1.54 $0.74
K4181 A 4.0 2 x 2" 1.85 $1.29
K4190 B 1.0 2 x 2" 1.54 $0.74
K4320 B 4.0 2 x 2" 2.06 $1.95
K4520 B 8.0 3 x 2 4/6" 1.91 $1.99
K4321 B 1.0 2 x 2" 1.54 $0.74
K4526 C 1.0 2 x 2" 2.06 $2.00
K4527 C 2.0 2 x 2" 2.06 $2.50
K4534 C 4.0 2 x 2" 5.00 $3.25
K4528 C 8.0 2 x 2" 5.28 $4.00
K4529 C 2.0 2 x 2" 2.06 $2.50
K4530 C 4.0 2 x 2" 5.28 $4.00

Cylindrical Case Condensers

Newly hermetically sealed cylindrical design with ceramic insulators and adjustable clamp type lug. Uses PYRANOL oil. Can be operated in any position, and at voltages up to 10% above rated value. Shpg. wt. 2 lbs ea.

K6725 2 600 3 x 4" 128.92
K6726 1 1000 3 x 4" 140.92
K6727 2 1000 3 x 4" 140.92
K6728 4 1000 3 x 4" 127.92
K6729 2 2000 3 x 4" 139.92
K6730 2 2000 3 x 4" 139.92

TOBE Capacitors

Manufactured in Micronet. Metal container. Terminals mounted on porcelain standoff insulators. Type "A" are low profile, and "D" are higher. Can be used as transmitting condensers. 3000 volts d.c. and 4000 volts a.c. working voltage. Tested at 6000 volts d.c.

K725-1.0 mfd.

Your Cost $1.67 $2.45

MALLORY Oil Impregnated Tubular By-Pass Units

Type "OW" and "OT" paper tube units are oil impregnated with special high temperature wax. Suitable for voltages 200 to 1000 volts d.c. working voltage. Type "OT" metal tube units are oil impregnated. Completely sealed. Externally insulated with cardboard tubes and supported by mounting brackets. Rated 5000 volts d.c. working voltage.

K0400 250 0.026 $3.20
K0401 250 0.026 $3.20
K0402 250 0.026 $3.20
K0403 250 0.026 $3.20
K0404 250 0.026 $3.20
K0405 250 0.026 $3.20
K0406 250 0.026 $3.20
K0407 250 0.026 $3.20
K0408 250 0.026 $3.20
K0409 250 0.026 $3.20
K0410 250 0.026 $3.20
K0411 250 0.026 $3.20

Perfect Merchandise Prompt Service - Personal Service.
**CARDWELL CONDENSERS**

**TYPE X TRANSMITTING CONDENSERS**

A standard for years. Heavy aluminum-nickel plated; frames and connecting rods of nickel clad brass; rotor bearing of ball thrust type; phosphor bronze rotor contact; nichel brass bushings; steel shaft supports the rotor plates and spacers. Insulation on all units listed is Mylar. 

**DOUBLE STATOR CONDENSERS**

Capacitances and number of plates are given per section.

**BUD Dual Spaced Condensers**

Rotor and stator plates of hard drawn brass soldered to the rotor. Rotor plates 11/16" dia. double spaced with minimum end plates with closely fitted brass bearings. Isolantite insulation placed outside of the electrostatic field.

**BUD Midget Condensers**

Similar to the above but single spacing. At real low prices.

**CARDWELL Isolantite Couplings**

(A) Type -*E*., Flexible. Alumag disc 1 1/2" dia. in dia. on spring saddles with bushings, for 3/4" and 1 1/2" shafts; double set screws.

**CARDWELL Isolantite 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, sturdy bearing terminals for heavy wiring, single-hole mounting feature, etc. Shaft is of brass and 3/4" in diameter, plated to resist corrosion. Supplied with midget nut.

**Trimm-Air Midgets**

Sturdy midget construction. Ideal for portable gear. For use as isolation. 3/4" Solid shafts, with new, thicker locking nut. Width 3/4", high 1 1/4".

**BUD Tiny-Mite Air Padders**

Ideal for circuits requiring a constant capacity under all conditions, such as oscillator, discriminator, mixing circuits. I.F. transformers, fixed-tuned circuits, etc. Also available standard 1/16" dia. forms. Insulation and assembly as above. Adjusted by screwdriver or hex wrench.

**BAND SPREAD MODELS**

**F. H. X'mitting Condensers**

Designed especially for 6, 10 and 20 meter, application. Isolantite insulation. Single hole, front panel mounting, with air gap for chassis mounting "NT" have .070" air-gap; "NP" have .084" and "EU" have .171".

**Mounting Brackets**

*(A) Type -*M*., for mounting "M" and "N" type condensers.

*(B) Type -*EW*., fit B.&W. "B" & "W" Jacks, Beru MT100GD, MG Universal, etc.

*(C) Type -*WJ*, for mounting Tri-Air Neutral on Mounting Plate.

**Sheet Metal Mounting**

*(A) Type MGNSD 1.76 .070" .084" .171" .171" .084" .070"

*(B) Type MGNSD 1.76 .070" .084" .171" .171" .084" .070"

*(C) Type MGNSD 1.76 .070" .084" .171" .171" .084" .070"

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**CARDWELL CONDENSERS**

**SINGLE**

![Image of a page from a document containing technical specifications and pricing for various types of condensers and coupling materials.](image-url)
BUD Oscillator & Buffer Coils
Small air-wound coils for all transmitter stages with 50 ohm or less input. For tuning from 5 to 160 meters. Glass bonded ins. Base, 5 prongs.

K1062 160M 60 0.025 .004 2.5 .003 2.5
K1063 80M 0.047 .004 2.0 .003 2.0
K1064 20M 0.104 .004 1.6 .003 1.6
K1065 10M 0.175 .004 1.2 .003 1.2
K1066 5M 0.256 .004 .8 .003 .8

10 0.256 .004 .8 .003 .8
20 0.175 .004 1.2 .003 1.2
30 0.104 .004 2.0 .003 2.0
50 0.047 .004 2.5 .003 2.5
100 0.025 .004 3.2 .003 3.2

BUD Jr. X'mitting
Conolvers
Excellent suited for low and medium power transmitters, when enclosed by a 3x2½" rigid and perfectly spaced. Alnico stator in...
TRANSMITTING KEYS & ACCESSORIES

SPEED-X Transmitting Keys & Accessories

Model 501 Hi-Speed Key
A professional high-speed key for the amateur and commercial operator. Has 3/4" coin silver contacts, pig-tail connections to the vibrator arm, no current to the case-hardened bearings; polished chrome finish on all machine parts and base. Adjustable from 0 words per minute to as high a speed as desired. Equipped with switch and cord and plug. Base dim.: 3 3/4 x 5 1/2 x 1/2". With rubber legs. Shipps w/t. 6 lbs. $10.29

Model 500 Taxi Key
Same as above, but in black wrinkle finish. $7.94

Model 515 For the amateur who needs durable, heavy-duty key. The parts are finished in heavy nickel, with black wrinkle finish base giving it an outstanding appearance. Equipped with switch and cord and plug. Base dim.: 3 3/4 x 5 1/2 x 1/2". No switch or plug. Shipps w/t. 4 lbs. $5.44

Model 321 Senior Key
For the old timer and the ham who is to start right into the silver contacts. All chrome finish. All metal base highly insulated. $2.06

Model 300 Prewound Key
Two adjustments: base is of molded Bakelite; machines ideal parts finished in bright nickel; coin silver contacts. K14001 - Manual Key, without Switch. $1.47

K14002 - With Switch. Your Cost $1.76

Model 301 Ham Key
Designed for the amateur, Silver contacts. Bakelite base; metal parts nicked. K14003 - Your Cost $1.26

K14004 - As above but with switch. $1.47

Bakelite Key Knobs

Hi-Frequency Buzzers
Constant frequency buzzer for prass as modulation work. 2 ohms resistance. K14021 - Your Cost 73c

NATIONAL Code Practice Oscillator
Requires 4 cells to supply all voltages to a 600,000 ohm load as audio signal source, code practice oscillator, etc. Type CPO. Shipps w/t. K14021 - Oscillator $3.60

McELROY’S Keys & Accessories

De-Luxe MacKey

Standard MacKey

Junior Model, Same main lever as above model. Somewhat lighter in construction. K14009 - Shipps w/t. 6 lbs. $5.50

Straight Keys
De-Luxe

Professional Model
Same as above, but with black wrinkle base and chrome parts lacquered. Wt. 2 lbs. $1.65

Amateur Model
Perfectly designed and balanced. Black wrinkle base with chrome plated parts. Less switch. K14093 - Your Cost $1.00

“MAC” Practice A.F. Oscillator
A new improved 3-tone A.F. oscillator, by McElroy. S-position switch selects either 600, 800 or 1000 cycle tone and a baltonde. Beautifully molded bakelite case; binding posts for key terminals and for the 200 ohm output for matching mike input. Phone tip jack for the operator. Can be used as a tone source for bridges, etc. Operates from 110 volts A.C. or D.C. Supplied with 2 6CG6 glass and 1 metal ballast tubes. Shipps w/t. 3 lbs. K14004 - Mac A.F. Oscillator $5.95

MARTIN Professional

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. Supplied with hammer and book of directions and 80 selections. 12½ x 8½ x 9½. Shipps w/t. 6 lbs. K14043 - Your Cost $4.50

GUTHMAN “Keytuner”
Much easier to master code with this audible keytuner monitor. Cabinet is 7 x 6 x 4. Consists of loudspeaker, 71017C tube (not supplied), AC-DC power supply, switch for producing 5 tones, etc. Power output is 1 1/2 watts. With full instructions. B/wt. 6 lbs. K13798 - Complete kit K13799 - Wired ‘Keytuner’, less tube. Wt. 6 lbs. $6.76

K13799 - Wired ‘Keytuner’, less tube. Wt. 6 lbs. $9.70

SIGNAL Keys And Practice Sets

R-50 Amateur Key
Black, cast base. Coin silver contacts. Nickel plated. Shipps w/t. $88c

Heavy Duty
Arm, base and supporting posts of heavy cast brass. Coin silver contact points. Stock No. Type Contacts $2.25
K14002 - R62 2.35
K14003 - R64 2.50

K14004 - R68

Key with Switch
A telegraph key with a switch to close contacts. Polished lacquered brass base. Key and switch lever nickel chrome plated. $2.00

K14001 - Each

R68 Code Practice Set
Key and high frequency buzzer. Adjustable type. Crystalline case. $82c

Two-Way Code Set
Ideal for the code learner. A switch on each set permits radio code buzzer, blinder (bun), 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. $1.85

K14006 - Your Cost

One-Way Code Set
Single unit, for learning code, blinder or navy signals. Same as above, but only one key. With full instructions. Shipps w/t. $10.29

K13405 - Your Cost Nickel plated. $11.71

G.L. Automatic Tape Sender
For code practice. Speed can easily be adjusted. Complete with cone friction drive w/p/m as low as. 10 w/p.m.; 80 w/p.m.; 110 volts, 60 cycles a.c. Cast aluminum case, 6 sq. 3½ high in black cloth. With 6¼ cord and plug and 5 rolls of tape. Shipps w/t. 4 lbs. Postpaid Anywhere in U. S. A. $12.50

K14007 - Your Cost

K14022 - 1000-ft. roll of tape. Your Cost $1.00

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
**BLITLEY MOUNTED CRYSTALS**

**Type SMC-100**

Economically priced crystal units for 40 and 160 meter bands. Powerful oscillation. Figure only 24 cycles/Mc. Each crystal is mounted in a special Bakelite holder. Holds a standard 6-prong socket. Specify frequency and tolerance for 40 or 80 meters.

- **Type 5C**
  - A superior low-drift crystal unit for 40 and 40 meter bands. Guaranteed less than 5 cycles/Mc. The unit has a high output power handling capacity. Mounted in a low loss holder that fits a standard 6-prong socket.
  - Stock: Freq. $5.50
  - Type: 120-574, 120-578
  - Price: $7.75

- **Type HF2**
  - Mounted, precision crystal unit for 10- and 20-meter bands, of specified frequency.
  - Stock: Freq. $7.75
  - Type: 120-576, 120-579
  - Price: $5.50

- **Type LD2**
  - A rugged low-drift crystal for the 40 and 80 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. Special specifications required. Set screw in holder plugs into 5-prong tube socket.
  - Stock: Freq. $5.50
  - Type: 120-577, 120-578
  - Price: $5.90

**GUARDIAN Transmitting Relays**

Use pure silver relay contacts. Mounted in Bakelite insulation. Strong magnetic coil. 2000 cycles. Guard to avoid shorting. Each unit has a complete set of contacts. Specify frequency and tolerance for 40 or 80 meters.

- Model 1000, 450-600, 500 $6.50
- Model 1001, 460-600, 500 $6.50
- Model 1002, 470-600, 500 $6.50

**STACO Relays**

Antenna channel relays; all U.S. with insulation for RF circuits. Also good for panel. Sharp snapping, tank switching, etc. All use 1/4 pure silver contacts; ball-bearing pivots; floating armature. Type AB relays use XPLP low power loss bakelite type AM use Mylar base and brass arms. Large shading coil eliminates AC chatter.

- Stock No. Type Coil Voltage
  - 14101 A 1 4 volts D.C.
  - 14114 ABD 6 volts D.C.
  - 14115 ABD 6 volts D.C.

**DUNCO Radio Relays**

Compact relays having two isolated contacts suitable for operation in high or low loading circuits and at any frequency, including short waves, broadcast, big and medium power, frequencies, voice, frequencies as well as 60 cycles or d.c. circuits. Type A - 1408-5/16 x 6. S.P.D.T. wt. 2 lbs.

- Stock: Each $1.25
  - Type A-5: $1.25
  - Type A-6: $1.25

**GUARDIAN Transmitting Relays**

Use pure silver relay contacts. Mounted in Bakelite insulation. Strong magnetic coil. 2000 cycles. Guard to avoid shorting. Each unit has a complete set of contacts. Specify frequency and tolerance for 40 or 80 meters.

- Model 1000, 450-600, 500 $6.50
- Model 1001, 460-600, 500 $6.50
- Model 1002, 470-600, 500 $6.50

**STACO Relays**

Antenna channel relays; all U.S. with insulation for RF circuits. Also good for panel. Sharp snapping, tank switching, etc. All use 1/4 pure silver contacts; ball-bearing pivots; floating armature. Type AB relays use XPLP low power loss bakelite type AM use Mylar base and brass arms. Large shading coil eliminates AC chatter.

- Stock No. Type Coil Voltage
  - 14101 A 1 4 volts D.C.
  - 14114 ABD 6 volts D.C.
  - 14115 ABD 6 volts D.C.

**DUNCO Radio Relays**

Compact relays having two isolated contacts suitable for operation in high or low loading circuits and at any frequency, including short waves, broadcast, big and medium power, frequencies, voice, frequencies as well as 60 cycles or d.c. circuits. Type A - 1408-5/16 x 6. S.P.D.T. wt. 2 lbs.

- Stock: Each $1.25
  - Type A-5: $1.25
  - Type A-6: $1.25

**WARD LEONARD Midget Relays**

Designed for use in automatic control systems, the Midget relay is extensively used for antena transmitting to remote feeding of any type. Features: Mycalex base and cross arm; silver to silver contacts, cadmium plated spring parts; coil consumption 3 watts. Base: 10 V.D.C. Insulation: 1500 volts, double pole, double throw, single break. Weight: 1 lb.

- Stock: Each D-2 $5.50
  - Type D-2: $5.50
  - Type D-2: $5.50

**ALLIED Relays**


- Stock: Each $1.90
  - Type DPT: $1.90
  - Type DPT: $1.90

** Transitional M'tals 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. AT cut, accurate to 0.005% or calibrated frequency. Crystal holders designed to be exchanged, take less room than multiple holders. All within 5 kc. of desired frequency. 1/4 full 150%.

- Stock No. Frequency
  - Type: $15.00
  - Frequency: $15.00

**Mounted Test Crystals**

These crystals are mounted in a holder similar to our 507-508. As above, but coil is insulated metal mount.

- Stock: Each $5.50
  - Frequency: $5.50

**Commercial Frequency X'tals**

Guaranteed accuracy to 0.2%. 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 800 to 7000 kilocycles. Complete with holder.

- Stock: Each $15.00
  - Frequency: $15.00

**Crystal Holders**

Similar in style to above illustration; slightly different in construction. Dim.: 1/4" high, 11/16" wide.

- Stock: Each $15.00
  - Type: $15.00

**TRANSMITTING CRYSTALS & RELAYS**

**Perfect Merchandise - Prompt Shipping - Personal Service**
**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. VR-318 is a special lamp for brown-glass porcelain held in compression between malleable iron castings. VR-318 is brown-glass porcelain mounted on special post and has center hole for axial lines of straight brass tubing or transmission, lead-ins, etc. Ball diem, for coaxial cable, photo-cell box of 250 beads.

**Aluminum Radiators**

Lightweight, corrosion resisting and adequate strength for exciting conditions. 20 Meter Vertical Radiator consists of 3 sections of heavy-gauge aluminum alloy tubing, approx. 1/2" diameter at base, 3/8" at top. Completely telescopic and adjustable from 7 ft. to 17 ft. in 5 ft. steps. Granite porcelain insulator with new clamping device. Will withstand wind strains up to 60 miles per hour. Easy to operate and dependable in action.

**PREMAX Worm-Drive Rotomount**

Finest type mtg. for Rotary Beams. Supplies worm-drive reduction gear and ingenious shock absorber. With "V" pulley for motor or hand drive. Shpg. wt. 45 lbs.

**PREMAX Tubular Steel Masts**

Welded steel tubing with green baked-on enamel. Fits within each other. Guy wire disc on top sections for proof. Fits into 3/8" copper wire. 250 beads sufficient for 60 ft. of line.

**PREMAX Mast**

A solid 1/4" red steel with flattened base. A mast which will be bent to any desired angle. Fits into all type roofs, mounts solidly. Security lock porcelain insulator knob at top; cadmium plated finish, 4 ft. long. Guy wire disc. Wt. 5 lbs.

**PREMAX All-Steel Vertical Antennas**

New tubular steel antenna, easy to erect, saves space. Reduces local noises to minimum. Conists of 4 cadmium plated tubes, extending to 24 ft., and 17 ft. high post. Heavy wood insulated unit 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 instructions.

**LUCITE Insulators**

New! Are excellent for RP insulation. Tensile strength is 7000 lbs. per sq. inch, and weight is approx. one-third of that ceramic. Unbreakable, transparent, highly polished, moisture proof, and weatherproof.

**Call Letter Emblem**

For mounting on x'mitter, car, or wall. Frame is black with polished chrome, size: 6 3/4" x 2 1/4". Letters are green on black; 2 complete sets with instruction card. Each.

**Wall Insulator**

For supporting wiring for all types. 3/8" red porcelain. Ribbed body for increased surface, 4" long. Hole for wire.

**Large Stand-off Insulator**


### Prices

- **No. 14 Gauge**
  - Stock No. 30628 $1.83
- **No. 12 Gauge**
  - Stock No. 20086 $1.00
- **No. 14 Gauge**
  - Stock No. 20088 $1.00
  - Stock No. 20060 $1.00

**Prices Subject to Change without Notice**
MIMS DeLuxe Rotator
A sturdy rotator, for all types of beam antennas, constructed of high-steel content castings. It is a sturdy "heavy duty" type. The shaft diameter is 3/4" 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. Standard diameters are for 110 V, 50/60 cycles A.C. Shpg. wt. 7 lb. K17196 — DeLuxe Rotator as described.
Your Cost F.O.B. Texarkana, Ark., Tex. $69.50

MIMS Standard Rotator
A smaller lighter unit for use only with a 2 element 10 meter array. Shpg. wt. 3 lb. K17197 — Standard Rotator. Less Inductor stub.
Your Cost F.O.B. Texarkana, Ark., Tex. $35.00

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 rotator and indicator. Shpg. wt. 6 lbs. K17198 — For DeLuxe Rotator K17199 — For Standard Rotator
Your Cost, Either Type F.O.B. Texarkana, Ark., Tex. $24.50

"HAM" SPECIALS!
Oil-Impregnated X'mitting Condenser
2 Mfd. — $1.00 4 Mfd. — $2.00 Usualy well made unit encased in a bright metal can and fitted with porcelain leads. K938 2 Mfd. — $1.00 Volts. 85c Your Cost

New Low Prices On Crystals!
Trutest Unmounted
40, 60 & 160 M. Crystals
Guaranteed at crystals at a sensation- ally 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. 22 cut. Calibration accurate to ± 50 kHz. Stake desired frequency and we will ship nearest stock crystal or within whatever limits you set — we carry large stock and can usually supply the frequency you want.
K13398 — 40 meter
K13399 — 80 meter "X" cut
K13400 — 160 meter "Z" cut
Any Type Above, Each $1.49

New Crowe Colored Strayended Knobs
A complete line of very attractive stream-lined knobs made of the new bright-colored "Crowe-plastic" material. (A) New stream-lined bar knob suitable for transmitters, test instruments, radio receivers, etc. For 3/4" shaft. Color Black K10565 Ivory K10566 Red K10666 Each Each Each 1.00c 8.00c 11c (B) New highly attractive round knobs. All are 1/4" diameter. For 3/8" shaft. Color Black K10569 Ivory K10567 Red K10667 Each Each Each 1.10c 8.00c 11c (C) Round knob with transparent pointer. Use the 3/4" size for the plates listed opposite side of this page. Color Black K10669 Ivory K10671 Red K10667 Each Each Each 17c 15c 14c

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 3/4-wave matching section of aluminum tubing. This permits using the "Q" system with 3/4-wave doublet, reflector-director, horizontal or vertical. Also the "Q" Beam system. Complete, with instructions.

Filament Transformers
Heavy duty filament transformers. Open frame type with mounting feet. Tubulars on an insulating strip. All terminals clearly marked. Feature high quality core material and 6000 volt insulation. Impregnated coils and amply windings. Size 3/4 x 3/8 x 5/32". Mounting centers 2 1/2; 3". Primaries tapped for 110-150 volts 50/60 cycles. For use with secondary center tapped. Shpg. wt 4.42 lbs. K1510 2.5 volts c.t. at 12 amperes K1542 4.5 volts c.t. at 5.5 amperes Your Cost, Either Type F.O.B. Texarkana, Ark., Tex. $95c

Electronic Converter
6 to 300 V.D.C.
For mobile x'mitters. Miller's new type of converter will permit 800 volts at 100 ma. d.c. Rated 30 watts continuous with a 5700 watts intermittent. Plug-in unit. Solder is furnished. Draws 9 amps at full load. Plated 50 cts.
K14223 — Electronic Converter (1) Each $14.70

BUY NOW—QUANTITIES LIMITED — 169

MIMS "Signal Squirter" Beam Antenna Kits
The only rotary beam antennas with all of the following exclusive features: continuous polarization in either direction; Inducto-tub high efficiency feed; two brand operations; positive electrical brake; non-resistant feed line. They employ the rotors described here, and have every desirable feature. They are sturdy, durable and accurately designed and built. Kits are complete including: Rota-tube with mounted Inductor, assembly, center section, elements, insulators and all hardware ready for installation. For economical shipping, the center section is sent with the cross arms unmounted. All holes are drilled and hardwires included. The Kit is complete for installation except for tower (if needed) and open wire feed line. The latter should be of #12 wire with 2" spacers. For 110 V, 50/60 cycles A.C. Direction Indicators are not included.

J IC 20Q4* — 20 Meters $39.00
K17201 10 2 element Standard $17.11 K17202 10 2 element DeLuxe 171.50 K17203 20 3 element Standard 216.50 K17204 20 3 element DeLuxe 219.50 K17205 10 & 20 Dual 3 element DeLuxe 350.00

ALL ABOVE PRICES ARE F.O.B. Texarkana, Ark., Tex.
Standard model kit furnished with standard rotator described at left—others with DeLuxo model also described at left.

ROWY BEAM ANTENNAS
Micamold 1000 V. "Kodacap" Tubulars
Sensational new wave-condenser derivative makes these new 1000 V. tubulars smaller and longer lasting than ordinary 600 V. paper types tested at 3000 V.

K13588 .001 .001 $ .06 K13589 .002 .002 2.40 K13590 .003 .003 3.00 K13591 .006 .006 5.30 K13592 .010 .010 6.35 K13593 .015 .015 7.35 K13594 .050 .050 12c K13595 .100 .100 24c K13597 .250 .250 50c K13598 .500 .500 25c

2.5 V. Filament Transformer
Simple open-strap mounting type with leads. Delivers 2.5 volts at 3.5 amperes. Suitable for receivers and low powered transmitters. Primary 110 volts 60/60 cycles a.c. Shpg. wt 2 lbs.

K1356 Your Cost 45c

"Modern" Dial Plates
Anodized aluminum plates with black letters. Anodized aluminum plates with black letters. Use as opposite side of plate for knobs.

K10659 Each, Any Type .18c

K10669 Each, Any Type .18c

K10659 Each, Any Type .18c

K10669 Each, Any Type .18c

K10659 Each, Any Type .18c

Western Electric 211E
Popular amplifier—oscillator. Replaces 21A and 211D. Fdc. 10 V. at 3 amqs., Plate voltage 700—1900. Plate current 65 ma. average. 4 pin UX base. Shpg. wt 5 lbs. Quantity limited. $3.95 Your Cost Each
**Leadin Bushings**

For antenna lead-in or overhead bushings, or other applications insulated mountings are desired. Ruggedly made and efficiently designed, with long-leakage path in proportion to size. Type "A" is of Alabim 196 material. Both materials are well known for their efficiency on high voltage and high frequency work. Furnished with necessary hardware. "B" is famous Johnson "56."

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Diameter</th>
<th>Wall Thickness</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17020</td>
<td>3/8&quot;</td>
<td>1/4&quot;</td>
<td>$0.12</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K11101</td>
<td>1/4&quot;</td>
<td>1/32&quot;</td>
<td>$0.14</td>
</tr>
<tr>
<td>&quot;C&quot;</td>
<td>K11102</td>
<td>5/32&quot;</td>
<td>1/32&quot;</td>
<td>$0.31</td>
</tr>
</tbody>
</table>

**Thru-Panel Insulators**

Made of white glazed porcelain. Non-hygroscopic, feature great mechanical strength and increased insulating power. Can not break when dropped. Made with all high frequency work. Furnished with necessary hardware. "B" is famous Johnson "55."

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Diameter</th>
<th>Wall Thickness</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17377</td>
<td>40J.</td>
<td>7/32&quot;</td>
<td>$0.18</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K17379</td>
<td>42, 7/32&quot;</td>
<td>7/32&quot;</td>
<td>$0.12</td>
</tr>
</tbody>
</table>

**Stand-Off Insulators**

Made of white glazed porcelain. Furnished with all hardware. Screw and jack types.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Diameter</th>
<th>Wall Thickness</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17650</td>
<td>40J.</td>
<td>7/32&quot;</td>
<td>$0.88</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K17652</td>
<td>44, 7/32&quot;</td>
<td>7/32&quot;</td>
<td>$0.15</td>
</tr>
</tbody>
</table>

**Handle Indicators**

Johnson bush with Bakelite handles 4" dia. same as No. 204. 6" on No. 206. For 1/4" or 5/16" shank. Scales B-D0, zero on left.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Hot Plate</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K13015</td>
<td>No. 204</td>
<td>$0.59</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K13016</td>
<td>No. 206</td>
<td>$0.73</td>
</tr>
</tbody>
</table>

**Feeder Spreader**

White glazed porcelain overall. Jacket of all sizes in 3/4" dia. With end grooves for line conductors and holes for tie-wires.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K1028</td>
<td>4&quot; long</td>
<td>$0.90</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K1029</td>
<td>6&quot; long</td>
<td>$1.15</td>
</tr>
</tbody>
</table>

**Round & Twisted Stand-Offs**

Type "A" has insulation 1/2" in dia. "B" insulation 1/2" over brass insert in top. Type "C" is similar to "B," except twisted for long-leakage path.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Diameter</th>
<th>Wall Thickness</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K11104</td>
<td>1/2&quot;</td>
<td>1/32&quot;</td>
<td>$0.18</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K11105</td>
<td>1/2&quot;</td>
<td>1/32&quot;</td>
<td>$0.19</td>
</tr>
</tbody>
</table>

**PYREX Double Lead-Ins**

Diameter 2 1/2". With brass rod, 4 brass nuts, 2 brass washers and 2 tubing washers. Unaffected by temperature or extreme moisture.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K16813</td>
<td>15&quot; rod</td>
<td>$0.19</td>
</tr>
<tr>
<td>&quot;B&quot;</td>
<td>K16814</td>
<td>20&quot; rod</td>
<td>$0.69</td>
</tr>
</tbody>
</table>

**PYREX Stand-Offs**

Are absolutely non-hygroscopic. Unaffected by temperature changes. Oval base size 3x1 1/2". Diameter 0.35". Have flash-over value of 21.5 and 64 kv. respectively. Sphg. wt. 2 lbs.

<table>
<thead>
<tr>
<th>Type</th>
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<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K16085</td>
<td>7&quot; high</td>
<td>$1.79</td>
</tr>
</tbody>
</table>

**MALLORY Vibrapacks and Vibrators**

Flexible, heavy-duty vibration supplier designed to provide the most dependable and economical method of producing "B" voltage from storage batteries. Special designed for supplying high voltage d.c. for amplifiers, receivers and transmitters in on and off, too.

<table>
<thead>
<tr>
<th>Model</th>
<th>Stock No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K16902</td>
<td>VP-556 Special Dual Pack 6 V. operation</td>
<td>225-250-275-300</td>
<td>$22.05</td>
</tr>
</tbody>
</table>

**Transmitter Lead-In Insulators**

For 6 V.D.C. Coil resistance 120 ohms. Contacts rated at 35 V.D.C., operation at 120, 6 ma.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Voltage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17008</td>
<td>VP-566 Same as 558, 544, but for 30 V.D.C., operation</td>
<td>600-700</td>
<td>$22.05</td>
</tr>
</tbody>
</table>

**X'mitting Plugs & Jacks**

Improved, heavy-duty type. Positive grip contacts. Heavy insulated brass hardware.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K12787</td>
<td>Black &amp; Red</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

**BIRNBACH Stand-Off Insulators**

Made of white, brilliantly glazed porcelain, for maximum efficiency. Ideal for mounting in coars, coil bases, tube sockets, and other high frequency applications. Complete with nickelled brass hardware.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17240</td>
<td>66, 5/16&quot; H.</td>
<td>$12.00</td>
</tr>
</tbody>
</table>

**Metal Base Stand-Offs**


<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17588</td>
<td>10-32 &quot;bee&quot; type</td>
<td>$12.00</td>
</tr>
</tbody>
</table>

**Transmitter Feeder Spreaders**

With tube rectifier.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17008</td>
<td>VP-566 Same as 558, 544, but for 30 V.D.C., operation</td>
<td>600-700</td>
</tr>
</tbody>
</table>

**Feeder Spreaders**

a.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17008</td>
<td>VP-566 Same as 558, 544, but for 30 V.D.C., operation</td>
<td>600-700</td>
</tr>
</tbody>
</table>

**Transmitter Feeder Spreaders**

With tube rectifier.

<table>
<thead>
<tr>
<th>Type</th>
<th>Stock No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot;</td>
<td>K17008</td>
<td>VP-566 Same as 558, 544, but for 30 V.D.C., operation</td>
<td>600-700</td>
</tr>
</tbody>
</table>
Radio Amateurs' Course
A thoroughly authoritative, clearly worded, ground-work in amateur radio for beginners. Includes constructional articles on transmitters and receivers for ham use. Theory and practice fully illustrated. 142 pages. (6½x9½) K1995—Your Cost $50

Short-Wave Beginner's Book
Prepares the information needed to get the most out of short-wave reception. Covers construction, short-wave serials, winding of coils and inks. K1992—Your Cost $25

10 Most Popular Short-Wave Receivers
How to Make and Work Them Each of the receivers described in this book has been built and tested by the editors of SHORT-WAVE CRAFT magazine. Ship. wt. 2 lbs. 4½x5½. 1K992—Your Cost $25

101 Most Popular Short-Wave Hookups
Everything from a 1-tube to a 16-tube receiver. These circuits have proved themselves in the laboratory and in the homes of numerous builders. K1998—Your Cost $38

How to Get Best Short-Wave Reception
With the knowledge of short-wave reception in this book, every S-W listener can pull in more of those ecstatic DX stations. Tells how to listen when to listen—how to identify stations—what changes in reception—how to get verts, etc. K1990—Your Cost $38

S-W Coil Data Book
How to make your own short-wave coils

How to Become an Amateur Radio Operator
72 large pages chock full of amateur radio theory, construction and regulations. K1992—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. K1995—Your Cost $35

“Communication Engineering”—Evert

A.R.R.L. Publications

Radio Amateurs' Handbook
The recognized authority on all technical problems involved in short-wave circuits, transmitters, theory and practice. Latest 1939 edition. 560 pages illustrated with diagrams, instructions, h.f., Q signals, etc. Shpg. wt. 3 lbs. K1939—Your Cost $1.00

How to Become a Radio Amateur
A thorough, easy-to-read booklet covering the subject of operating the amateur bands. 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. K1931—Same as above, in Spanish K1931—Your Cost $1.50

The Radio Amateurs' License Manual

New! A.R.R.L. Antenna Book

How to Send and Receive
Volume Two. A collection of the selected practical money-saving ideas of 236 experimenters. 126 pages; numerous diagrams and illustrations. K1993—Your Cost $50

A.R.R.L. Lightning Calculators
K2001—TYPE A—Solves problems of frequency, capacity, voltage, resistance, power. Either Type Above, Your Cost Each $1.00


A.R.R.L. Radio Map
Made by Rand-McNally in 6 colors on heavy paper, 30x40. Shows time zones, WAC, countries, districts prefixes, etc. A handsome and necessary addition to the "ham" shack. K1994—Your Cost $1.25

A.R.R.L. Transmitter Guides
K2002—Detailed transmitter guide to the whole 15 MHz band, B-H, from 1.8 MHz to 29 MHz. Contains complete 15 MHz band plan. K2004—Your Cost $1.25

How to Pass Radio License Exams
A simple, practical, up-to-date book by Charles E. Vinyard, for all who want government radio operator's licenses of all types. 201 pages. K1993—Your Cost $1.96

SPS Amateur Log Book

Radio Operating Questions and Answers
By Nilson and Hornberg. Latest edition. Has 447 pages of typical radio operator license examination questions and answers. Profusely illustrated. Covers spark, crystal, tube transmitters; batteries, generators, broadcasting, short-wave, radio compass, etc. Heavy cloth binding, 60,000 stations. K1994—Your Cost $2.45

RCA Transmitting Tube Manual

Raytheon Handbook of Amateur Radio Tubes
6 pages complete full of useful information and technical data on the use of amateur radio tubes. Price includes 25¢ to cover color. K1998—Your Cost per Copy $0.50

Thordarson Transmitter Guide
Latest 16th issue. Fundamental circuit, grid bias systems, modula
tion, etc. Presents 11 transmitters from a 'e' controlled portable to a 1000-watt. Plenty of graphs, charts, etc. 48 pages. K2002—Your Cost $9

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Radio AMATEUR Call Book
Fall and Winter Edition
The only publication listing all ama
teurs throughout the world. Contains complete lists of S-W stations, interna
tional abbreviations, "Q" readability, "R" repeater systems, S-W press and weather schedules; international pre
scriptions; numerous other data. Lists 60,000 stations. K1994—Your Cost $1.25

Radio Publications

Radio "Radio" Handbook
Very Latest Edition. Beyond a doubt the finest handbook on short-wave receivers, transmitters, serials, television, medical therapy, theory, elementary electricity. 892 pages; hundreds of illustrations, diagrams, charts, tables, etc. K1998—Your Cost $1.50

Antenna Handbook
Complete alphabetic index, 100 pages. Directional "beams" included. Your Cost $75

Telephone Handbook
Covers entire field of amateur radio theory, telephone: Theory, design, construction and operation. Contains complete license information. Includes data found in no other Jones book. It's really NEW! K2006—Your Cost $75

Noise Reduction Handbook
Tells how to stop or reduce all kinds of "nose" except static. K1998—Your Cost $35

RADIO AMATEUR CALL BOOK
Fall and Winter Edition
The only publication listing all ama
nteurs throughout the world. Contains complete lists of S-W stations, interna
tional abbreviations, "Q" readability, "R" repeater systems, S-W press and weather schedules; international pre
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SPS Amateur Log Book

NOTE: TECHNICAL BOOKS ARE NOT RETURNABLE.
### Steel Cabinets for Rack Panels

#### Standard Models

- **Construction:** Steel, with black ripple finish. Takes Amatuer or W.E. drilled 19" rack panels. Rigorously welded joints; ventilation louvers; latch covers. All models take 13" chassis.

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K22134</td>
<td>110</td>
<td>8 3/4</td>
<td>19&quot;</td>
<td>12 3/4</td>
<td>35 3/4</td>
<td>22 lbs</td>
<td>$4.70</td>
</tr>
<tr>
<td>K22070</td>
<td>112</td>
<td>12&quot;</td>
<td>36 3/4</td>
<td>13 3/4</td>
<td>35 3/4</td>
<td>24 lbs</td>
<td>$5.88</td>
</tr>
<tr>
<td>K22071</td>
<td>113</td>
<td>8 3/4</td>
<td>19&quot;</td>
<td>12 3/4</td>
<td>35 3/4</td>
<td>24 lbs</td>
<td>$5.88</td>
</tr>
<tr>
<td>K22072</td>
<td>114</td>
<td>12&quot;</td>
<td>36 3/4</td>
<td>13 3/4</td>
<td>35 3/4</td>
<td>24 lbs</td>
<td>$8.75</td>
</tr>
<tr>
<td>K22073</td>
<td>115</td>
<td>8 3/4</td>
<td>19&quot;</td>
<td>12 3/4</td>
<td>35 3/4</td>
<td>24 lbs</td>
<td>$8.75</td>
</tr>
</tbody>
</table>

#### Do Luxe Models

- **Construction:** Cold-rolled steel; rigidly welded joints, rounded front corners, chrome trim, ventilation louvers, latch covers. For 13" chassis. Black ripple finish.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K22074</td>
<td>112</td>
<td>12&quot;</td>
<td>36 3/4</td>
<td>13 3/4</td>
<td>35 3/4</td>
<td>24 lbs</td>
<td>$8.75</td>
</tr>
<tr>
<td>K22075</td>
<td>113</td>
<td>8 3/4</td>
<td>19&quot;</td>
<td>12 3/4</td>
<td>35 3/4</td>
<td>24 lbs</td>
<td>$8.75</td>
</tr>
</tbody>
</table>

#### Deluxe Speaker Cabinets

- **Construction:** Substantially made from steel sheet with louvered back cover and slots for wall hanging. Finished in black ripple enamel.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K22110</td>
<td>110</td>
<td>10&quot;</td>
<td>16 1/2</td>
<td>8&quot;</td>
<td>10 3/4</td>
<td>18 lbs</td>
<td>$3.67</td>
</tr>
<tr>
<td>K22111</td>
<td>112</td>
<td>12&quot;</td>
<td>18 1/2</td>
<td>8 1/2</td>
<td>13 1/2</td>
<td>22 lbs</td>
<td>$4.85</td>
</tr>
</tbody>
</table>

### Sloping Front Cabinets

- **Construction:** Trimmed with red-stripped chrome moulding, with slate grey rippled surface. Recessed for ventilation, heads, etc. Less chassis.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K22047</td>
<td>110</td>
<td>8 x 10 3/4</td>
<td>4&quot;  7/8</td>
<td>8&quot;</td>
<td>7 1/2&quot;</td>
<td>20 lbs</td>
<td>$2.05</td>
<td></td>
</tr>
<tr>
<td>K22049</td>
<td>112</td>
<td>11 1/2 x 13 3/4</td>
<td>4&quot;  7/8</td>
<td>8&quot;</td>
<td>7 1/2&quot;</td>
<td>20 lbs</td>
<td>$2.75</td>
<td></td>
</tr>
</tbody>
</table>

### Steel Channel Racks

- **Construction:** Built of 1/4 "steel with spot-welded and finished in rippled black. Designed for use with standard 19" long panels and are drilled for both Amateur and W.E.; panel hole spacing. Available in 16", 20", and 24" widths. Hinges are not supplied. Base is braced to insure freedom from warping and keep units in alignment.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K22145</td>
<td>110</td>
<td>42&quot;</td>
<td>36 3/4</td>
<td>11 3/4</td>
<td>28 1/2</td>
<td>57 lbs</td>
<td>$23.50</td>
</tr>
</tbody>
</table>

### Enclosed Steel Racks

- **Construction:** Deluxe type, streamlined, Drilled for both Amateur and W.E. panel hole spacing. Stainless steel molding trimming at top and bottom. Door and rear panel are not supplied. Base is braced to insure freedom from warping and keep units in alignment.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>K22145</td>
<td>110</td>
<td>42&quot;</td>
<td>36 3/4</td>
<td>11 3/4</td>
<td>28 1/2</td>
<td>57 lbs</td>
<td>$30.85</td>
<td></td>
</tr>
</tbody>
</table>
Blank Steel Chassis

Substantially constructed for heavy-duty use. Formed from one piece of steel, with all corners and bottoms reinforced. All furnished with bolted-on legs and all mounting holes. Ends are drilled to fit standard mounting brackets (not included here).

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22155</td>
<td>8 x 17 x 2&quot;</td>
<td>9 lbs.</td>
<td>$1.59</td>
</tr>
<tr>
<td>K22229</td>
<td>8 x 17 x 2&quot;</td>
<td>10 lbs.</td>
<td>$1.76</td>
</tr>
<tr>
<td>K22231</td>
<td>11 x 17 x 2&quot;</td>
<td>11 lbs.</td>
<td>$2.06</td>
</tr>
</tbody>
</table>

Cadmium Plated Chassis

Ideal for mounting transceivers. Designed for heavy-duty use and are furnished with bolted-on legs and all mounting holes. Ends are drilled to fit standard mounting brackets (not included here).

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22109</td>
<td>8 x 17 x 2&quot;</td>
<td>14 lbs.</td>
<td>$1.59</td>
</tr>
<tr>
<td>K22110</td>
<td>8 x 17 x 2&quot;</td>
<td>16 lbs.</td>
<td>$1.75</td>
</tr>
<tr>
<td>K22177</td>
<td>11 x 17 x 2&quot;</td>
<td>18 lbs.</td>
<td>$2.25</td>
</tr>
</tbody>
</table>

Portage Cabinets

Made of sheet steel, reinforced on all edges, spot-welded and face-welded at all joints. Front and back panels are removable, held in place by self-tapping screws that are supplied. Black rippled finish. With carrying handle for portable work.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22778</td>
<td>11 x 12 x 8&quot;</td>
<td>3 lbs.</td>
<td>$0.75</td>
</tr>
<tr>
<td>K22079</td>
<td>11 x 12 x 8&quot;</td>
<td>4 lbs.</td>
<td>$0.95</td>
</tr>
</tbody>
</table>

Chassis for Above

Chassis for above, 6 1/2 x 6 1/2 x 1/2", ideal for mounting transceivers, portable test equipment, etc. Shpg. wt. 3 lbs. Cost $0.80.

1/4" Steel Mfg. Brackets

Black Ripple Finish

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Size</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22222</td>
<td>2 x 2&quot;</td>
<td>5 lbs.</td>
</tr>
<tr>
<td>K22223</td>
<td>2 x 3&quot;</td>
<td>6 lbs.</td>
</tr>
<tr>
<td>K22224</td>
<td>2 x 4&quot;</td>
<td>7 lbs.</td>
</tr>
</tbody>
</table>

General Utility Steel Cabinets

Can be used for a multitude of purposes. They are substantially made of sheet steel, with spot-welded and face-welded reinforced corners. The tops and bottoms are removable, held in place by self-tapping screws that are furnished. In black rippled finish.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22222</td>
<td>8 x 17 x 3&quot;</td>
<td>12 lbs.</td>
<td>$1.80</td>
</tr>
<tr>
<td>K22223</td>
<td>8 x 17 x 3&quot;</td>
<td>14 lbs.</td>
<td>$2.05</td>
</tr>
</tbody>
</table>

Radio Panels for All Uses

Black hard rubber and Bakelite panels, 3/8" thick, solid sides cut to order at 1/8" per square inch. Dimensions listed below, only.

<table>
<thead>
<tr>
<th>Size</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 x 10</td>
<td>10 lbs.</td>
<td>$0.88</td>
</tr>
<tr>
<td>10 x 12</td>
<td>12 lbs.</td>
<td>$1.45</td>
</tr>
</tbody>
</table>

Steel Cabinets

Made from sheet steel, spot welded and reinforced corners. Covers removable, held in place by self-tapping screws. Finishes in black rippled finish.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22127</td>
<td>7 x 11 x 2&quot;</td>
<td>5 lbs.</td>
<td>$1.45</td>
</tr>
<tr>
<td>K22128</td>
<td>9 x 7 x 6&quot;</td>
<td>8 lbs.</td>
<td>$2.23</td>
</tr>
</tbody>
</table>

Grill Chassis

19" Grille Panels

Doors for panel have cast aluminum doors. Grill on plain panels 14 3/8" I. Shpg. wt. 10 lbs. each.

<table>
<thead>
<tr>
<th>Door Color</th>
<th>Grille Size</th>
<th>Grille Color</th>
<th>Grille Height</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray</td>
<td>10&quot; x 14&quot;</td>
<td>Black</td>
<td>14 3/8&quot; L</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

ICM Metal Cabinets

With Sloping Panels

Front and rear panels removable. Black rippled finish.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22217</td>
<td>9 x 9 x 5&quot;</td>
<td>6 lbs.</td>
<td>$1.10</td>
</tr>
</tbody>
</table>

Blank Chassis

Tempered Masonite, non-magnetic, sturdy and easily worked with ordinary wood-working tools. All panels are finished in black rippled. No panels are provided with the cabinet. Shpg. wt. 10 lbs. Each.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22087</td>
<td>7 x 7 x 2&quot;</td>
<td>3 lbs.</td>
<td>$0.50</td>
</tr>
<tr>
<td>K22088</td>
<td>7 x 7 x 2&quot;</td>
<td>3 lbs.</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Electrolyt Black Chassis

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22322</td>
<td>10 x 12 x 3&quot;</td>
<td>6 lbs.</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

Cadmium Plated Steel Chassis

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22807</td>
<td>7 x 7 x 2&quot;</td>
<td>3 lbs.</td>
<td>$0.80</td>
</tr>
</tbody>
</table>

Gray and BLACK Finished Steel Panels

Another step forward by Lafayette. Something new—something different. In addition to the black rippled finished steel panels, we now make available for the first time, zinc cadmium plated commercial ripple slat gray—by BM. These panels do not collect dust and they don't show finger marks. 12% x 19" x 3", whether it is 5-matter or a kilowatt. All are sturdy constructed of 1/8" steel and there are 12 standard sizes to fit practically every requirement.

Table: Stock Number, Width Wt., Your Cost

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22169</td>
<td>11 x 17 x 2&quot;</td>
<td>13 lbs.</td>
<td>$1.55</td>
</tr>
</tbody>
</table>

Steel Cabinets

Tempered Masonite, non-magnetic, sturdy and easily worked with ordinary wood-working tools. All panels are finished in black rippled. No panels are provided with the cabinet. Shpg. wt. 10 lbs. Each.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K22087</td>
<td>7 x 7 x 2&quot;</td>
<td>3 lbs.</td>
<td>$0.50</td>
</tr>
<tr>
<td>K22088</td>
<td>7 x 7 x 2&quot;</td>
<td>3 lbs.</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Cadmium Plated Steel Chassis

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Dimensions</th>
<th>Shpg. Wt.</th>
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<td>7 x 7 x 2&quot;</td>
<td>3 lbs.</td>
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Blank Chassis

Tempered Masonite, non-magnetic, sturdy and easily worked with ordinary wood-working tools. All panels are finished in black rippled. No panels are provided with the cabinet. Shpg. wt. 10 lbs. Each.

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Electrolyt Black Chassis

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Cadmium Plated Steel Chassis

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ESICO High Quality Soldering Irons

Preferred by technicians everywhere. All sturdyly constructed, with high grade elements and new 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, telephones. For 110 volts a.c. or d.c. Wt. 4 lbs.

Your Cost
K1485 - 110-Watts $3.23
Your Cost
K1484 - Extra tip $0.20

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. Body of stand and plastic. Black steel handle. Consumes 66 watts. Shpg. wt. 3 lbs. Wt. 2 lbs. K14846 - Extra tip $0.26

Your Cost
K14849 - With 2 Tips $0.75

ESICO Thermostatic Control Stand

Use of this unit makes it impossible to overheat iron or burn off its tip. 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 iron with up to 1" dia. tips.

Your Cost - Stand Only $3.82

JACKSON IRRONs

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. For 110 volts. Shpg. wt. 2 lbs. K14850 - List $1.25. Your Cost $6.50

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. 1/4" tip. K14874. Your Cost $0.65

100 watt iron. 1/4" tip. K14853 - Your Cost $2.20

Adjustable Tip Irons

Supplied with adjustable cop- per tips with screw sets. 6 ft. Cord and removable black handle. K15177 - 75-watt iron. 1/4" copper plunger tip. Shpg. wt. 12 oz. Your Cost $1.76

K15178 - 100-watt iron. 1/4" copper plunger tip. Shpg. wt. 16 oz. Your Cost $2.40

K15179 - 150-watt iron. 3/8" copper plunger tip. Shpg. wt. 20 oz. Your Cost $3.80

Soldering Iron Tips

Replacement plunger type tips of quality copper. Stock No. Iron Size Cost Per Dzen $2.05

K14873 - Your Cost $2.77

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 1/2". With 4 1/2" cord and plug. Shpg. wt. 1 lb. K14875 - Your Cost $0.50

Electrical Maintenance Irons

Soldering Irons

from 110-120 volts. Constructed of plastic, with cord and attachment plug. Shpg. wt. 3 lbs.

Your Cost
K14864 - $1.03
K14867 - Extra tip $0.16

JACOBY SOLDERING IRON

Compact and lightweight. Has insulated handle and cork finger guard. With 6 ft. appl.-proved cord and plug and removable tip. Rated at 26 watts. Shpg. wt. 2 lbs.

Your Cost
K15150 - 110 V, A.C. or D.C. $7.72 Each
K15151 - For 6 V. operation $7.22 Each
K15154 - 40 Watt, Heavy-Duty Iron. Operates from 110-120 volts. Constructed as above, but without a handle. Your Cost $1.15

Blanket Full Cycle Irons

Compactly designed for heavy duty work. High grade elements and new well insulated. With 26" cord and plug.

Your Cost
K14858 - 100 Watt, A.M., 3/4" tip. $1.45

Easy to use. Controls placed on rear. Have screw tips. All models are supplied WITH STAND. Operate on 110 volts.

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 2 1/2" tip and 6 ft. cord. Stand supplied. Shpg. wt. 2 lbs.

Your Cost
K15151 - Your Cost $5.85
K15170 - Extra tip for above. Each $0.35

50-Watt, Model 576


Your Cost
K15172 - Your Cost $3.45
K15173 - Extra tip for above. Each $0.20

AMERICAN BEAUTY Stand

For 110 Volts A.C.

Thermostatically controlled stand, for regulation of temperature of soldering iron. The wood, with metal shank. Body of stand of molded plastic, with cord and attachment. plug and replaceable, copper tip. Shpg. wt. 3 lbs.

Your Cost
K15160 - Stand only $3.46

Compact Pencil-Type Irons

Compact and lightweight. Has insulated handle and cork finger guard. With 6 ft. appl.-proved cord and plug and removable tip. Rated at 26 watts. Shpg. wt. 2 lbs.

Your Cost
K15155 - 110 V, A.C. or D.C. $7.72 Each
K15156 - For 6 V. operation $7.22 Each
K15154 - 40 Watt, Heavy-Duty Iron. Operates from 110-120 volts. Constructed as above, but without a handle. Your Cost $1.15

DELUXE SOLDERING IRONS

Approved by Underwriter's

Sturdily constructed. Resistance wire elements wound on porcelain tubes. 60-watt iron furnished with one 1/4" and one 3/4" screw-on tips; 75-watt iron with one 3/8" screw-on tip: 100-watt iron with one 1/4" plunger-tip. All with 6 ft. attachment cord and plug. K14892 - 60-Watt Iron. Your Cost, with 2 tips $3.85

Your Cost
K14843 - 100-Watt Iron $5.85

“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 6 1/2-foot asbestos heater type cord.

85-WATTS. 3/4" tip. Wt. 2 lbs. K14849 - Your Cost $2.35

100-WATTS. 3/4" tip. Wt. 2 lbs. K15140 - Your Cost $2.65

150-WATTS. 1/2" tip. Wt. 2 lbs. K14841 - Your Cost $3.23

DRAKE Compact Iron


DRAKE Electric Pot

For light tinning purposes. Bottom of pot 6" in diameter, 1 1/2" deep. Replacable element, 150 watts. Complete with rubber plug. Approved. Shpg. wt. 3 lbs. K14837 - Replacement Element. Each $2.65

NOTE: We can quote special prices on quantity orders, placed by Industrial, Schools, Laboratories, etc.
NOKORODE Core Solder
Made of virgin tin and lead. Superior paste used for flux. K14882—Your Cost 8¢

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-flux type and is furnished with cleaning material and instructions.

<table>
<thead>
<tr>
<th>Rosin Core</th>
<th>Acid Core</th>
<th>Alum. Solder</th>
</tr>
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<tbody>
<tr>
<td>Per Tin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K14857</td>
<td>.05 lb. 7&quot;</td>
<td>$1.17</td>
</tr>
<tr>
<td>K14858</td>
<td>.10 lb. 7&quot;</td>
<td>$1.50</td>
</tr>
<tr>
<td>K14859</td>
<td>1 lb. Spool</td>
<td>$2.80</td>
</tr>
<tr>
<td>K14870</td>
<td>5 lb. Spool</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

KESTER Tinning Block
Clears and tin soldering iron quickly. Is Poured Bar. K14875—Your Cost 15¢

KESTER Paste Flux
Non-corrosive. Results in clean, solid soldered connections. In 5 oz. cans. K15278—EA. 12¢

All Purpose Utility Box
Waterproof construction, with rounded corners, recessed handle and spill-proof snap catch. Trim and compact. Finished in baked Moss Green enamel. Dim.: 11½x5½x3½. Shpg. wt. 3 lbs. K14869—Your Cost 39¢

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 rests in holder. K15212—Wt. 3 lbs. Each 67¢

Double Grider
Standard 4" grinding and polishing head, equipped with 4½" wide grinding wheels; one fine and one course. Has adjustable tool rest, ½" threaded spindle and 1" steel pulley for ½"-V-belt. Shpg. wt. 6 lbs. K14719—Your Cost $1.55

Cabinet Repair Kit
For plastic and bakelite cabinets, as well as wood cabinets. Has 9 shades of shellac sticks, bottle of light and dark oil stain, bottle of metal shading lacquer, Magic scratch remover, lamp and lamp parts. K15221—Your Cost $1.91

Cabinet Touch-up Kit.
Same stains, etc., as above, but less scratch remover, shellac sticks, lamp and lamp parts. K15252—Your Cost 35¢

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. Can not peel or crack.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Made from electric furnace full nickel chrome steel. With side cutters. 6¾&quot; long. 10,000 V. test.</td>
<td>K14943—Your Cost $3.43</td>
</tr>
<tr>
<td>Diagonal Pliers (Bernard)</td>
<td>Same high-grade steel as above. Insulated test 10,000 V. 6¾&quot; long. K14947—Your Cost $3.62</td>
</tr>
<tr>
<td>Socket Wrenches</td>
<td>Forged and tempered steel blade, hardened socket. Lengths 6½&quot;, 8½&quot;, 10½&quot;, 12½&quot;.</td>
</tr>
<tr>
<td></td>
<td>K14950—6½&quot; long. Each $0.88</td>
</tr>
<tr>
<td></td>
<td>K14951—9½&quot; long. Each $1.09</td>
</tr>
</tbody>
</table>
| SIGNAL Light-Duty Portable Drill
| High-quality, for intermittent service. Has air-cooled handle with comfortable grip and built-in shut-off. | K15276—Your Cost $1.05 |
| Taps, Wrench and Drills Only
| Three taps (4-40, 6-32, 8-32) and three matching drills and tap wrench in wood case. Shpg. wt. 2 lbs. | K14958—Your Cost $1.05 |
| “RAPID” Electroplater
| A complete, small, portable electroplating outfit for home or workshop. Can be used for reparing utensils, jewelry, etc. Fine for hams who wish to silverplate wire, jewelry for HF or VHF installations. Good for auto mechanics, for repainting of nickel-plated fittings, etc. Kit consists of: 1 oz. of plating compound, as listed below; 1 oz. metal polish; 1-ounce brush; with clips attached; Emery paper; 2-batteries, and battery holder with insulated panel. Shpg. wt. 14 lbs. Each $1.38 |
| Shellac Patch Sticks
| For repairing cabinets. All are 7" long; in various shades. K15253—Light Walnut 15¢ |
| K15254—Dark Walnut 15¢ |
| K15255—Black 15¢ |
| K15256—Maple 15¢ |
| Utility Electroplating Kits
| Kits listed are same as above, but do not include batteries or battery holder. Two No. 6 cells are required. K15355—Nickel. K15356—Copper. Each 75¢ |

Radio Wire Television Inc. FORMERLY WHOLESALE RADIO SERVICE CO., INC.
Sheet Metal Hole Punch

- Stick No. K15295
- Cost $1.67

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 steel. Shpg. wt. 2 lbs.
- Stick No. K15244
- Cost Each $1.37
- Stick No. K15245
- Cost Each $1.64
- Stick No. K15246
- Cost Each $1.81
- Stick No. K15247
- Cost Each $2.00
- Stick No. K15248
- Cost Each $2.17
- Stick No. K15249
- Cost Each $2.34
- Stick No. K15250
- Extra 3/8" Cap Screw 11/2 $1.75

Cut holes in brass, aluminum, steel, wood, bakelite, etc. Nos. 1, 2
and 4 cut holes from 1/8" to 4" in diam. No. 6, heavy duty type,
has an extra beading cutter. All but No. 6 fit either round or square holes either in power-driven or
hand drills. Of fine heat-treated steel.

K14713
- No. 3, 1/4" round shank.
- Cost $1.88
K14715
- No. 5, 1/4" square shank.
- Cost $1.10
K14711
- No. 1, Above Three.
- Cost Each $1.25
K14718
- No. 2, Extra Blades. Your Cost Each $24c

PAWOOD All Purpose Circle Cutters

- Stick No. K15250
- Cost $4.35

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PAWOOD Jr. Circle Cutter

- Stick No. K15250
- Cost $4.35

ICA Circle Cutter

- Cuts Holes Up To 8" Diameter.
- A rugged, improved circle cutter for making holes from 1/8" to 8" inches in diameter. Hexagonal shank for either brace or eccentric drill. Cutting bar holder 1" size, accommodates center drill or any size pilot pin. Cuts wood, bakelite, aluminum, etc., cleanly. Shpg. wt. 3 lbs.

K15068
- Cost $1.10
K15068
- Replacement drill for above. Your Cost $2.35
K15078
- Replacement cutter for above. Your Cost $2.25

UTICA Pliers with 4 Wire-Cutters

- Sturdy, efficient pliers with four wire cutters. Well-balanced and nicely finished. Made for high-grade tempered tool steel. Designed to grip wire with one end when cutting. Positive grip grooves in jaws make this pliers especially useful. Quantity Limited. Length 4 1/2".

K15077
- Blade Length Each 1 1/4".
K15077
- Grip Length Each 2 1/2"

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Servicer's Test Kit

- Thirty-pieces for test and repair. Include two 6" hex, (1/4" and 3/4"), two 9" hex (1/2" and 1 1/2"), and two 6" offset hex wrenches (1/4" and 3/4"), three size insulated screwdrivers, three size flat, thin wrenches, one length (1/2") each of red and black wire, one neutralizing tool and one 5" compensating screwdriver, an assortment of red and black test parts including test probes, alligator clips, etc., box of assorted radio hardware.

K12885
- 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.

K14977
- Your Cost $1.49

Wire Stripper

- Strips insulation from wire quickly and cleanly. Saves time. Cutting edge of tempered steel.

K15064
- Your Cost $2.25

Chassis Cradle

- Holds any make or model radio chassis in any desired position for testing, aligning, repairing, replacing parts, or for counter dynamometer tests. Special mechanical clamp grip chassis firmly and leaves hands free to work on radio.

K15072
- Extra set of clamps.

Radio Wire television Inc. WHOLESALE RADIO SERVICE CO., INC.

176

17 Piece Polishing Head Outfit

- A complete, dependable workshop outfit that will drill, grind, polish, buff, saw, scratch, etc., and turn out fine, 1/8" diameter recommendations. Comprises 3/4" drill chuck, 4" steel circular saw, saw table and guide, 4" wire brush, 3" cotton buffer, 1/4" emery wheel, 9 twist drills, 1/2" to 1/6" bel, pulley and stand. Shpg. wt. 8 lbs.

K14745
- Your Cost $3.35

Rivet-O-Punch Tool

- Makes Solderless Lugs, Etc.

K15046
- Your Cost $59c
K15047
- Box of 150 rivets, 10c

Handy Scratch Remover

- For removing mars and scratches from furniture. Just a touch of the stain with the brush and the blemish disappears in durable container.

K15520
- Each 22c
K15521
- 6 Pack 55c

Multi-Use Rule and Gauge

- Four inch quick-reading 32nd and 64th inch scale, drill point gauge, square ruled, travel prismatic center finder, circle divider, tap drill table. Stainless steel—highly polished. Wire case included.

K14998
- Your Cost $95c

Drill and Wire Gauge


K14977
- Each 95c

Stainless Steel Rule and Depth Gauge

- A handy, accurate pocket rule for quick measurements. Made of stainless steel, with convenient pocket clip for depth measurements. Length—6 inches, graduated in quick reading 64ths.

K14956
- Your Cost Ea. 95c
**VACO Grip-Point Screwdriver**

A screw-holding screwdriver that does not interfere with the head of the screw. A dip of the thinnest at taches or detaches the tool from the slot of the screw. Permits inserting screws to recessed holes. Amber plastic handle—hardened alloy steel pointed blade.

**Stack Screw Length**

- No. Sizen. Cost
- K1322
  - 1 to 6
  - 7 1/4
  - 66c
- K1323
  - 4 to 14
  - 8 1/2
  - 75c

---

**VACO “Amberly” Radio Screwdrivers**

Transparent amber colored plastic handles. Oil tempered steel blade. Rust proof, break-proof, shock-proof. Smallest (6") size only has pocket dip.

**Stack No.**

<table>
<thead>
<tr>
<th>Blade Each</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1323</td>
<td>1/4</td>
</tr>
<tr>
<td>K1324</td>
<td>1/2</td>
</tr>
<tr>
<td>K1325</td>
<td>1</td>
</tr>
<tr>
<td>K1326</td>
<td>3/4</td>
</tr>
</tbody>
</table>

10% discount in lot of 6

---

**“RHINO” Amberlite Heavy Duty Screwdrivers**

Finest screwdrivers, for rough, tough service. Chrome-Valadium blade over half-way into handle. K13435 — 3 1/2" blade. Ea. 28¢

K13436 — 6 1/8" blade. Ea. 36¢

K13437 — 8 1/8" blade. Ea. 45¢

---

**Special Value**

**Diagonal Cutting Pliers**

A very popular plier with all services. 5/8" long. Shpg. wt. 3 lbs.

K13705

Your Cost Each 32¢

Long Nose Pliers

5/8" polished forged steel. Side cutting telegraphic type. Shpg. wt. 3 lbs.

K13706

Your Cost Each 39¢

---

**Steel Drills**

Nine assorted drills; sizes 1/4" to 1/2". Good, fast cutting steel. Correctly ground; will hold their edge. All popular sizes for radio work. In round wood box.

K13821

Your Cost Each 32¢

---

**BLACK & DECKER Junior Drill**

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 1/8"), 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.

K14760

Specify $13.95

Your Cost Less 2 1/4" $11.50

---

**MICKEYS FALLS Radio Screw Driver**

Long slender blade especially suit- able for radio work. Small flat slot set screws in radio knobs. 3 1/2" blade.

K14545

Your Cost Each 23¢

---

**Small Screw Drivers**

Two useful small screw drivers. Fine for small screws in radio knobs, etc. Blades 1 1/2" and 2 3/4" long.

K15024

Your Cost Per Pair 9¢

---

**Flexible Screw Driver**

Strong, unbreakable, flexible shaft and insulated movable screw locator finds slots of screws.

K15062

Your Cost 88¢

---

**Insulated Screw Drivers**

Insulated shaft and handle. Sturdy tempered steel blades.

K15226

Each 14c

K15226

6 1/4" Each 18¢

---

**Phillips Recessed Screw Drivers**

Many sets now use this type of screw requiring this new model driver. Heavy molded handle—5000 volt test.

---

**KLEIN’S STEEL PLIERS**

Finest tempered tool steel with case hardened cutting edges that stay sharp.

K15222 (A) Oblique Cutting Pliers with Wire Stripping Notch. 4 1/2" point; narrow head. 6 1/2" long. Shpg. wt. 3 lbs.

K15223 (B) Long Nose Side Cutting Pliers. Pointed nose—sharp cutters. 5" 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 Tempar Finish Pliers**

The line of tools listed below are from the Krauter “Standard” series, and are not to be confused with the lower line of “K” series.

As Fig. No. Length Your Cost

K14542 5" $1.01

K14543 7 1/2" $1.20

K14544 9 1/2" $1.50

---

**Diagonal Cutting Pliers**

A — Cutting jaws meet perfectly. Cuts insulation as well as the wire. No. Length Your Cost

K14546 5" $1.05

K14547 6" $1.16

K14548 7" $1.31

---

**Needle Nose Pliers (C)**

Made especially for difficult and odd jobs where a small jaw is required. Finely tempered steel. 113/4", 1/4" across flats. Good for small screws. Your Cost $2.20

---

**Electrician’s Cutters**

"K" Series (D)

Modified electrician’s pliers with fitted lap joint, hardened cutters. No. Length Your Cost

K14535 6 1/8" 74c

K14536 8 1/2" 97c

---

**HEX-NUT Socket Wrenches**

**Straight and Offset Types**

Firm grip, ribbed wooden handles. Cadmium plated shank. Have deep holes in ends of shanks which will take long size hex-nut and no f. t. flats. Sizes 7/8" and 9/16" long. Offset types in 7/8" overall. Take all standard hexagonal nuts.

**Size 7/8 Offset (A)**

Size 6" Straight (B)

Size 9" Straight (C)

Size 6 1/2" Offset

Size 9 1/2" Offset

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**AMBER HANDLE WRENCHES**

Spin Type Socket

Volume Control

These socket wrenches have shock-proof, unbreakable clear plastic handles. Overall length, all types, is 7 1/4". Handle diameter 1". Cadmium plated steel shank. Will take up to No. 10 socket wrench.

No. Size No. Size No. Size

K15330 7/16" K15333 1 1/16" K15336 1 15/16"

Your Cost Each 9¢

---

**K15337** — Complete Set Above Wrenches 2.21

**VOLUME CONTROL WRENCHES**

— shafts to 4" long x 1/4, 1/2 & 3/4"

Set—35¢

K15329 — For nuts 1/4" across flats 35¢
Neon-Light Screw Drivers
Quality screw drivers with neon lamp built into amber Pyrosil stock. For R.F. and spark plugs. K11548 — 4" long. Each 59c
K11549 — 7" long. Each 95c

P A L W I N Pock et Screw Driver
Cannnot tear of fray clothing. Blade is sheathed in handle. Cap of good tool steel; handle of transparent plastic. Measurements: 3-1/2" over all.
K15530 — Your Cost Each 15c

G.M. Co. Geared Chuck
7 to 1 gear chuck to use drills up to 1/4" 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 wheel, saws, etc. 1/4", 3/8", 1/2", and 5/8" jowls.
Stock Unit Motor Your No. No. Shaft Cost
K15095 $490
K15096 490 490 59c
K15098 490-A 490-B 79c

I N D E S T R O 8-Piece Radio Socket Set
Contains six hexagon sockets, 1/8", 5/32", 3/32", 1/4" and 5/16", with 1/4" round knurled socket for thumb nuts and 6-32"" spinner type handle. All 1/4" hex drive. K15611 — Your Cost 36c

LE N K Alcohol and Gasoline Torches
Type A — Compact, leak-proof torch for serviceman and home mechanic. Size: 6x21/2". Wt. 1 lb. K14688 — Alcohol. Your Cost 88c
Type B — Double burner torch—provides either broad or needle flame point. Clearing pin in handle. 7x51/2x21/2" Wt. 2 lbs. K14687 — Alcohol. Your Cost 1.25
Type C — Gasoline torch. Has flame control, shut off valve and many other features. 7x4x31/2 base D. Polished brass. Cap 5/4 pint. Wt. 2 lbs. K14685 — Your Cost 1.30
K14684 — Same but for alcohol. Your Cost 1.47

Q U A L I T Y T O O L S

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. For 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 34" 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. No. 2AB. Your Cost $10.41
K15353 — Custom HANDEE kit, with grip-sleeve to rest fingers. In steel carrying case with 27 accessories. No. 2AB.
Your Cost $14.66
K15354 — De Luxe HANDEE, complete with 7 accessories as follows: 1/8" collet; 3-wheel; 1-Rubber Polishing Wheel; 1-Wheel Dressing Stone. Speed 25,000 R.P.M. No. 2AB.
Your Cost $15.72

ST EEL 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 in black.
6 Drawer Cabinet—133/4" long, 103/4" wide and 113/8" high. Two drawers have 4 sections, two have 2 sections. Shpg. wt. 4 lbs., one has 12 and one has 15 sections. Card holder on each drawer for labeling. Shpg. wt. 20 lbs.
K22247 — Your Cost $3.48
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.
K22248 — Your Cost $1.76
2 Drawer Cabinet—113/4" long, 93/4" wide and 53/4" deep. Fine for stationery and other papers. Each drawer 2" deep. No sections in upper drawer, 2 in lower drawer. Shpg. wt. 6 lbs.
K22249 — 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—73/4", 33/4" adjustable swing table. Two guide pulleys; Drive pulley keyed to sliding spindle; spindle travel 11/2". With 3/4" chuck. Requires 3/4" round belted V belt (recommended) and corresponding pulley on motor or drive shaft. Wt. 6 lbs.
K15333—Drill Press $2.75

6" TABLE SAW
K15356 — 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 degree either direction. 1/4" with drive shaft runs in cast iron bearing with adequate provision for oiling. Rocker arm and Pitman rod drive. With 2-step die-cut "V" cone-drive pulley. 3/8" stroke; permits handling up to 1" material and cuts to center of 18" circle. Use any 5" straight-end blade. K14678 — Overall H. 123/4". Less motor and blade. Shpg. wt. 65 lbs.
K14680 — Set of six 5" blades $1.49

Hand Sprayer
Operates from any spark plug or gasoline automobile. Will spray paint, lacquer, enamel, varnish, any free flowing material with compressor valve and spare jar. Will spray approximately four jars of paint from one tank containing 36 lbs. of pressure. K14705 — Your Cost $5.92

Power Sprayer
6 1/2" wood handle, 6 1/2" ell, 36" extension adapter, 3/4", 5/8", 3/8", 5/16" hexagon sockets, two square sockets 1/4" and 5/16"; one internal knurled socket. All bright cadmium finish. In stock box. Shpg. wt. 1 lb.
K15615 — Your Cost 73c

Eleven-Piece Kit
K15120 — Your Cost 69c

Expansive Bits
Clark pattern. 6 3/4" wood handle, 3 1/2" dia. K15117 — From 3/16" to 3/4" Each 95c

B R E A S T D R I L L
Sturdy construction. Holds up to 1/2" drill. 3 spring-controlled steel jaws with Mahogany hardwood handles. For heavy work. Red, black and nickel finish.
K14933 — Your $4.50
2 SPEED Cost $1.95

HAN D D R I L L
Finely machined hand drills with 1/4" hardened and ground 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 die cutting sets 1/4", 5/32", and 3/16", with plug and hand tape to match, also tap wrench and die holders. Shpg. wt. 1 lb.
K15229 — S.A.E. Thread 89c
K15230 — U.S.B. Thread $1.25

Tool Steel Reamers
Made of heat treated steel.
K15049 — 1/4" to 5/8", 5/32" overall "T" handle. K15050 — Same for Bit Shpg. wt. 3 lbs.
Either Type Above, Each 69c

S o c k e t Wrench Set and Screw Driver
Compact 3/8" wood handle screw driver with a 1/4" x 1/2" head and a 3/16" x 1/2" socket extension; five hex sockets 3/4", 5/8", 5/16", 3/8" and 1/4"; two square sockets 1/4" and 5/16"; one internal knurled socket. All bright cadmium finish. In stock box. Shpg. wt. 1 lb.
K15159 — Your Cost 73c

We Will Not knowingly Be Undersold.
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. Includes standard RCA Photo-cell and amplifying tube. Operates from 110-115 V, 50/60 cycles a.c. and will handle loads up to 200 watts at 110 V, 60 cycles a.c. Relay box dim.: 4 x 3 x 1 1/2". Light source: 3 1/4" x 1 1/2". Will operate over a distance of 25 feet. For greater distances special light sources are available.

Your Cost
K15872 $19.75
Complete, with Tubes

EBY Photo-Electric Experimental Kit
A complete Kit for the experimenter who wants to build his own equipment. All parts and accessories for eight (8) control circuits. Includes standard EBY photo-cell and the support necessary to form a working circuit. Many interesting and educational operations can be performed by this device and it is unaffected by continuous exposure to light. It is sensitive to both visible and invisible light. Fits 4 prong sockets and requires a recommended voltage of 150 and a maximum of 250. Maximum current—200 microamperes. The D.C. Relay has a maximum of 1000 ohms available and the A.C. Relay is available as low as 1.25 ohms. Wt. 3 lbs.

Your Cost
K13485 $7.94
K14171—Write for Kit List
K14171—Relay Only $3.82
K14170—Eye Only $2.06

WESTON Photronic Cell
Current varies with light intensity from 1/15 microamps on 1 foot candle to approximately 5 million microamps in daylight. Baskets case 2 1/4" in diameter and 1" thick. Has many uses for research, photography, relay work, etc. Has found numerous applications in work machinery application and light measurement.

Shpg. wt. K14139 $7.50
Your Cost Each

PESE Photo Cell
A compact rugged photo-cell to be used in conjunction with one step of amplification. Suitable for many on-off operations of a semi-industrial nature. Complete instruction for operation and simplified wiring diagrams furnished.

K14188 $1.50
Your Cost

Cetron Cells
Standard Cetron Photo-Cells are used in most of the popular sound projectors. CE-1—4 prong plug-in type base. 3 1/2" high. Cathode area 3.4 sq. CE-2—4 prong base. 2 1/4" high. Cathode area 1.33 sq. CE-3—Flexible leads with phone tips. Cathode 15" square.

Your Cost
Any Type $5.40

NOTE: We are prepared to furnish any type of combination Cetron Cells for industrial purposes. Write us giving full details.

Kwik-Klip Fasteners
Fastens wire quickly and easily to post insulators. Made of heavy galvanized wire.

Clip only. K15967 $3.99
Box of 100 Clips, 10 Boxes for $3.50

Kwik-Gate
Consists of enamelled wood handle and hardwood knobs. Each consists of 6 c. and will hold a strong spring. Installed as per illustration. Avoids trouble when opening or closing fence gate.

K15868—Each $1.50

FENCE ACCESSORIES

Insulators
Glazed porcelain knobs for insulating electric fence poles. A
K15680 $4.00
Each 100 for $2.50

Glazed porcelain knobs for insulating on corner posts (B) K15681 2 1/2" Each 100 for $2.00

New fence insulator, for attaching wire without kicking. (C) K15682—Each 4" Insulator Kit Contents: 60-type A; 4-type B. All K15683—Your Cost 63'

Electric Fence Sign
A necessity for electric fences. Should be posted at conspicuous intervals.

Largel black letters on bright yellow enamelled steel plate.
K15864—25 For 90c
Your Cost Each

EVEREADY 6-Volt "Hot Shot" Batteries
Steel case batteries containing 4 volts. Designed to operate photo-electric fence, etc. Wt. 4 lbs.
K120144—109'4" L, W. 7/16" H. $1.75
K120148—4 3/4" W., 7/16" H. Lots of 6. Each $1.26
Your Cost Each

LAFAYETTE ELECTRIC FENCE CONTROL UNITS

Young © 1915

Deliuxe 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 in the fence. Has Hi-Lo switch to conserve current on wet and normal days and to provide extra protection on dry days.

10 x 11 x 7" deep. Fully weatherproof. Shpg. wt. 10 lbs.
K15679 $18.16
Less Battery $10.44
Your Cost

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 in the fence. Has Hi-Lo switch to conserve current on wet and normal days and to provide extra protection on dry days.

10 x 11 x 7" deep. Fully weatherproof. Shpg. wt. 10 lbs.
K15679 $18.16
Less Battery $10.44
Your Cost

WORNER Photo-Electric Burglar System
Employes 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 110 volt power supply will also set off the alarm bell. The total distance between light source and receiver (either direct or reflected by mirrors) can be up to 75 ft. For operation from 110 volts, 50/60 cycles K15875—Light Source and Receiver with inside Alarm Bell and batteries for bell. Shpg. wt. 12 lbs.
Your Cost Each K15876—External Bell and batteries in weatherproof case with 25 ft. of cable for connection to receiver. 10 x 11 x 5". Shpg. wt. 10 lbs.
K15876—Your Cost $7.64

WORNER "Invisible Servant"
Can be used as an alarm unit, announcing unit, equipped 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 500 feet. 4 1/2" x 4 1/2". For 110/115 volts, 50/60 cycles a.c. Wth Mirror. Shpg. wt. 6 lbs.

Your Cost Each K15877—Your Cost, with Bracket $16.76

Reflecting Mirror For Photo-Cell Units
For use with various makes of photo-cell units. For visible or invisible light.

K15877—Your Cost, with Bracket $2.65

We Will Not Knowingly Be Undersold
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 five homes in the United States have Radios which regularly need service, new tubes, etc. Servicemen can earn good commissions too. If you own new or old Radios, or any other electronic gear, you have no knowledge of Radio or electricity, I will train you at home in your spare time to sell and install all types of Radio sets, to start your own Radio repair and service business and build up an income which you can make in your spare time while learning. You need not give up your present job or 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 lists which start teaching you how to do Radio repair jobs. Throughout your training I send plans and directions that you have good spare time money—$200 to $500—for hundreds while training and you need Radio equipment to conduct experiments and build circuits. This explains the tools and equipment you will need to get ready to go, and what you can expect to make. You can get started right away. I will train you at home.

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 29,000,000 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 6,000,000 auto Radios are in use and thousands more are being sold every day. In every branch of Radio there are opportunities—opportunities for which I can give you the required knowledge of Radios 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-paying positions with advancement. Radio jobbers and dealers employ installation and service technicians. Many Radio Technicians operate 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.

You Are Trained for Television

With N.R.I. you take up Television principles right along with Radio principles—the correct method—since Television receivers combine both sight and sound. You also get more than ten text books devoted entirely to Television.

I Will Train You
To Start a Spare Time or Full Time
Radio Service Business

Without Capital

The free book has helped

MAIL THIS COUPON NOW!
HOW TO ORDER
Use our convenient order blank (additional blanks sent on request). Please write in legible ink. Specify how you wish to ship. Make sure you write the exact stock number and that the price is the one quoted for the item you want. Specify how you wish to pay; we accept checks, drafts, or credit cards. Make sure you include sufficient postage; all overpayments are promptly refunded. We will ship C.O.D. if desired, providing a deposit of at least 25% accompanies your order. Domestic orders are shipped by parcel post unless otherwise specified. Foreign orders are shipped by express and freight. Do not send cash. If absolutely necessary to return cash, send by registered mail only.

DOMESTIC ORDERS
We buy for cash and sell for cash; this explains our low price policy. We do not carry credit accounts, and insist on prompt payment of all savings affected by the elimination of costly bookkeeping. We will ship C.O.D. if desired, providing a deposit of at least 25% accompanies your order. C.O.D. orders shipped by parcel post unless otherwise specified. Domestic orders are shipped by parcel post unless otherwise specified. Foreign orders are shipped by express and freight. Do not send cash. If absolutely necessary to return cash, send by registered mail only.

FOREIGN ORDERS
On foreign orders we require payment in the United States by irrevocable and confirmed letter of credit against documents, or 50% deposit with balance due in 30 days. All payments to be made to our warehouse, with slight additional charge for additional packing. Orders over $250 should be made in full advance, including postage. All remittances payable in U.S. funds.

2% TRANSPORTATION ALLOWANCE
On all orders over $25.00 or more, we allow you to deduct 2% (transportation allowance) from the total cost of your order. This does not apply to customers in the 48 states of the U.S. By special arrangement, orders are shipped at cost, including transportation charges.

FINAL PRICES
Prices shown in this catalog are net, and exclude where marked POSTPAID, do not include post-

POSTPAID ITEMS
Items marked "Shipped Postpaid" do not re- quire postage. Postpaid items refer only to ship-

SENDING MONEY
The safest and best way to send money is by: American Express; Post Office Telegraph; Money Order; draft; bank drafts; firm checks; stamps. Do not send cash. If absolutely necessary to remit cash, send by registered mail only.

INSURANCE
Parcel post insurance rates are: $4 for parcels up to $8.00; $15 for parcels from $5.00 to $25.00; $25 for parcels from $25.00 to $60.00; $35 for parcels from $60.00 to $100.00. After $100.00 the charge is $15.00. For each additional $50.00 the charge is $4.00. All parcels that we ship are insured. Express insurance rates are: for shipments under $25.00, $2.50 to $100.00; for shipment values from $25.00 to $100.00, the charge is 15$. For the limit of $100.00 the charge is $15.00. For each $100.00 over $25.00 the charge is $5.00. We also offer 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.

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 $25; $5.00 to $25.00 the extra charge is 17$: $25.00 to $50.00 the extra charge is $2.00; $50.00 to $100.00 the extra charge is 2$: $100.00 to $150.00 the extra charge is 4$: $150.00 to $200.00 the extra charge is 6$: For each $50.00 value above $200.00 the charge is in (more including insurance). The Post Office also offers an extra small money order fee on each C.O.D. Parcel. Save these fees by remitting in full.
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If you are in need of any merchandise which you cannot find in any of our catalogs, including any nationally advertised radio receiver, write us telling just what you need, and we will supply it without delay at the lowest prices. We have on hand at all times the world's largest stock of radio parts and equipment, representing the products of every nationally known manufacturer.

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Completely stocked warehouses in New York, Chicago and Atlanta assure you immediate delivery regardless of your location. Or, if possible, visit our beautiful display rooms in New York, Boston, the Bronx, Chicago, Newark, Jamaica and Atlanta; there you will find a cordial reception at the hands of trained technicians who are always ready to solve your problems at no cost to you.
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Our 5 Point Plan

IS YOUR GUARANTEE OF PROTECTION

1. QUALITY MERCHANDISE...To Photography we have brought a business policy as old as this company—recognized merchandise, honestly presented, economically priced. Since 1921, this has been our aim. It pays us both.

2. SATISFACTION GUARANTEED...We believe the customer is entitled to complete satisfaction—always. We guarantee satisfaction, with a 10-day Free Trial offer on all cameras sold, a money-back-if-not-entirely-pleased pledged on every item. You need not hesitate to order by mail. You are given ample time to examine and test the camera you select without cost to you.

3. LIBERAL EXCHANGE SERVICE...Our unusually high cash prices for used camera equipment makes owning a new, better camera easy. If you have salable equipment you wish to sell for new equipment, this is the place to come. Our check, or the merchandise you select, will be forwarded upon arrangement of terms mutually satisfactory.

4. PRICES RIGHT...Let an item—any item—appearing in this catalog be advertised elsewhere at a lower price, and we will meet that price—or beat it! We will not knowingly be undersold. This has been our policy since the founding days of our business.

5. EXCELLENT SERVICE...We maintain seven branches, strategically located throughout the country, fully equipped to serve you speedily. Complete stocks of all nationally advertised cameras and photo supplies are maintained at all times.

The World of Photography at Your Finger Tips
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

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 (13.6-55 meters).

Lafayette

Gives more for your money

Operation is further simplified by the large "slide tube" 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 6KGG oscillator-mixer, a 6SB6 i.f. amplifier, a 6E7G second detector, a.c. and first audio, a 6FSG phase inverter, two 6V6's in a push-pull "beam power" output stage, an 80 rectifier and a 6US 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 station; Phonograph Terminals to permit easy addition of a record player (thus converting it into a phone-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, 26½" wide, 13¾" deep. Sbpq. wt. 70 lbs. Code CABAS.

YOUR COST
For 220 volt, 40/60 cycle a.c. operation, add . . . $1.00

$29.95 Complete
LAFAYETTE PERFORMANCE
CASED IN JEWEL-LIKE CATALIN
THE MIRACLE PLASTIC

SPECIAL 5-TUBE AC-DC

WITH THE MAGIC ANTENN-AIRE
No more expensive roof aerials that break down or more ugly lead-in wires to stretch around the room. "Antenn-Aire" gets all the stations and there are no wires to connect!

HIS is the 1950 today's receiver! It's astonishingly new! It's different! It's popular. Your friends will be proud to show it off in various rooms. For it has all the qualities of a priceless jewel. Features include: either A.C. or D.C. outstanding economy possible.

And built in method with the popular gold tone tube extender... "Antenn-Aire" makes beautiful your set a new magic standard for compact radios. It's uniformly engineered. The super heterodyne in combination itself features that are not usually associated with the set in this price range. For example...

"ANTENN-AIRE", the latest Lafayette development, eliminates the need for any external connection. No stones will ruins across the room, to get in the way of a wooden. Portable outside aerial is included. For use in moving locations where visual reception is difficult.

PUSH-BUTTON TUNING permits without limitations of your favorite setting. Each button is prewired, and they're keeps it in. There's an illuminating push feature of the new modernity.

DISTORTIONLESS EXCEPTION. Due to the use of the latest type "Beam Power" tube (Tube used: 1A7GT, 1N5GT, 1N3GT, 5Q1GT). "Beam Power" tube is new and eliminates the superhet leak from 540 to 2200 kc. A magnetic Permanent Magnetic dynamic speaker reproduces all tones with direct clarity.

Model E-42 in Onyx Catalin Case

Model E-63 in Ivory Catalin Case
Same as above, but in Ivory Case. Code #1802. $13.95

FOR FOUR EASY PAYMENTS
A. C. - D. C.

"L"L entertain you no matter where you go" says the Rambler with charming lack of modesty. But it can afford to brag, 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, 1N3GT, 5Q1GT "beam" tube and 352GT rect. "ANTENN-AIRE", built-in, eliminates the need for any aerial, except in outlying districts (terminal for outside aerial included). Dial is calibrated for the tuning range, from 545 to 1700 kc. Batteries required: 1-1½ volt "A" and 2-4 volt "B". Case is covered in smart airplane ingot, covered and provided with carrying handle.

Model T-56 "Rambler"
Lafayette 5-Tube "3-In-One" Portable. Complete with tubes. Sizes: 12½" wide, 9¼" deep, 9¼" high. Shpg. wt. 22 lbs. Code CANOE.

YOUR COST, LESS BATTERIES...
K20155—Kit of batteries for above...$2.60