

Spring & Summer
RADIO CATALOG
1932



WHOLESALE RADIO SERVICE CO., INC.
100 SIXTH AVE., Just North of Canal Street
NEW YORK, N. Y.

WHOLESALE RADIO OFFERS

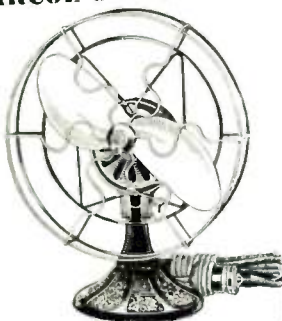
SIGNAL 10-Inch OSCILLATING FAN



For service and satisfaction this fan cannot be surpassed. Almost a necessity in the home and office. A high quality fan offered to you at our price is a really remarkable value which is one of the many reasons why this fan is so popular. It is equipped with an induction motor which causes no radio interference. It is made with cast base, felt base pad, two speed toggle switch and an eight foot cord and rubber plug. The thumb screw adjustment permits straight or oscillating operation. Finished in a cool shade of green. Shpg. Wt. 13 lbs. List \$14.00. **\$9.60**
2V18250—
Your Cost

BARCOL 8" FAN

A preferred fan. One need not be warm when a fan like this can be had at our low price. The large blades 8 ins. in diameter enable it to deliver approximately 1265 cubic feet of air per minute with a velocity of 1300 feet per minute. Its airplane type propeller is of correct design to provide maximum air movement with minimum noise. This dependable fan is equipped with a six-foot cord and two part plug, also cord switch. Shpg. Wt. 5 lbs. **\$3.43**
2V18251—List, \$5.00. Your Cost



Same as above, but without cord switch. **\$3.09**
2V18252—List, \$4.50
Your Cost

An extra 5% discount will be allowed on fans when purchased in lots of 6 or more. Fans are Guaranteed by the manufacturer for one year.

A Page of SPECIAL BARGAINS

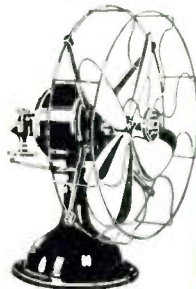
MASTER-BILT 8" FAN

The "Master-Bilt" Fan brings comforting coolness in hot weather. Eight inch blades, large enough to blow breezes to every corner of a room and sufficiently small to be placed conveniently wherever required. Constructed with Chromium plated blades and guards to prevent rust or tarnishing. It is equipped with a newly developed Master Guaranteed Motor, Induction Type, that does not "heat up"—causes no radio interference. This fan is constructed from MECOLITE, a compound used in constructing base and housing which makes the Master-Bilt fan more attractive, light in weight and easy to handle. It will not "creep" when running, and base cannot mar polished surfaces. Built with slot in metal bottom for bracket mounting and supplied with a six-foot Rayon cord and durable plug. May be had in colors of Walnut, Green or Black. Operates on A.C. current only. Shpg. Wt. 4 lbs. **\$3.45**
2V18253—List, \$6.00—Your Cost



Signal 8" Oscillating

Out of the hot sun into a cool room fanned by a Signal 8-Inch Oscillator. Cool air brings renewed energy to all in the home, office and factory. This eight-inch fan is constructed with a Universal Motor. It has cast base, felt base pad, toggle switch and six-foot cord and rubber plug. Its high quality design will bring years of service and satisfaction. Finished in a handsome shade of green. This Universal Motor may be operated on both alternating and direct current. Shpg. Wt. 5 lbs. **\$5.45**
2V18254—List, \$7.95
Your Cost



Signal 8-inch Oscillating Fan similar to our No. 2V18254 described above but constructed with Induction Motor. Shpg. Wt. 6 lbs. **\$6.14**
2V18255—List, \$8.95. Your Cost

VICTOR NO. 2 VICTOR DRAFT FAN

With the coming of hot, muggy weather, flagging energy and listlessness is only too apparent. In the office "PEP" is imbued to the help by the spreading of cool breezes. Enjoy true economy both in increased production and economy of operation. At home, in the hot kitchen or at your leisure you will be amazed at the marvelous comfort this 12-inch fan will bring. Its rugged, dependable motor specially equipped with an oil impregnated bearing is guaranteed for FIVE YEARS which is proof of dependable performance. The induction type motor does not cause radio interference. Equipped with 3 speeds and the double duty base that can be adjusted to hang on the wall. Its most amazing feature is the six blades fitted with the patented Breeze Spreader which eliminates unhealthy and disagreeable drafts. The blades and guards are silvered in contrast to the black of the base and motor. Shpg. Wt. 15 lbs. **\$11.40**



2V18257—List, \$19.00—Your Cost

Similar to the fan described above, our No. 2 but with four blades and on and off switch. The entire fan is finished in Bronze, effecting a very rich and impressive appearance. Shpg. Wt. 15 lbs. **\$9.00**
2V18258—List, \$15.00—Your Cost

Signal 6 1/2" Cool Spot



Bring cheer to flagging spirits in hot weather by the cool air delivered by this fan. It operates on either alternating or direct current and is made with cast base, felt base pad, six-foot cord, rubber plug and strong guard. Finished in Black Enamel. Shpg. Wt. 4 lbs. **\$2.91**
2V18256—List, \$1.25
Your Cost

A Modern Counter Service for Our Customers in New York Area

RAPID MAIL ORDER SERVICE

Many of our local customers prefer to telephone their orders to us and have us send their merchandise through the mails to them. For the convenience of those who wish to order from us in this way, we maintain a sufficient number of telephone trunk lines to insure prompt service.

Our Telephones Are
Walker 5-8883 Walker 5-8887
8884 8888
8885 8889
8886

We have always realized the fact that our customers appreciate rapid service. With this thought in mind we have installed the most modern equipment throughout our large new store and warehouse, in order to facilitate the handling of the thousands of orders that come to us daily. We believe that never before has such efficiency been equalled in the handling of mail and counter sales. We are now able to ship your merchandise the same day we receive your order, except in rarest cases.

Our service staff is made up of skilled, experienced people who have been trained to the watchword of accuracy. Your orders must be filled quickly and accurately.

Every Wholesale Radio Service Co. offer is a genuine bargain, a liberal discount from the usual prices quoted through regular channels. Our staff of merchandise experts know values. They have at their command the markets of the world. Behind them is the huge purchasing power of this company. The result is that they obtain for our customers the lowest possible prices always.

MAKE OUR SALESROOM YOUR HEADQUARTERS

We extend a cordial invitation to all Radio Men in the New York vicinity to make our modern new home at 100 Sixth Avenue their headquarters.

No expense has been spared to make this new Sales Room sufficiently convenient and attractive to merit a visit from you when you have need for anything that we can supply.

We believe that you will find it a pleasure to do business with an organization like our own. . . . we believe that you will find our salesmen the most courteous, our service entirely satisfactory and our prices the fairest in the city.

We have been in business for many years and we have a long record of fair dealing and financial stability. We are pioneers in the radio business and allied lines. From a modest beginning we have grown to be the largest in this field. Such growth bears unmistakable evidence of a constantly increasing number of friends; and if you are not yet one of them we want you to come in and get acquainted.

But we believe that a house like this one owes something to the public beyond the mere gathering and selling of merchandise. . . . we believe it our duty to show our appreciation for your patronage by giving you something else besides what you pay for. For instance, we have a corps of skilled radio technicians here in our organization whose advice and counsel is yours for the asking, and—

We have a private Theatre in which we are planning to bring together the Service Men and Factory Experts in a schedule of regular meetings to discuss the various angles of radio servicing. If you wish to be notified concerning the date and subject of these discussions please leave your name and address with any of the store salesmen or notify us by letter (attention Mr. Strack).

RELIABLE SERVICE

Our reputation for fair dealing has been earned by more than eleven years of honest merchandising—a service that dates back to the very beginning of radio.

The thought of the future influences every transaction made by this company. If its great business is to continue to grow and to extend into the long future it is evident that the foundation must be made deep and firm in the confidence of the public. Every transaction is a stone in that foundation. Every satisfied customer adds to the feasibility of our aim to make this institution the first thought of every Radio Man in America. Recognizing this it is evident that we would sanction no transaction which did not in every way make for the best interest of our customers. Should any transaction be found otherwise by any person at any time it is far from our desire and will be readily corrected if our attention is called to the matter.

SOUND VALUES

What you get for your money is as important as the amount you pay. It is not economy to jump at every "catch-penny" offering that is made. True economy lies in the purchase of reliable merchandise at a fair price, in doing business with those who have the integrity to describe their merchandise accurately and honestly and to guarantee that their listings will do the things and answer the purposes claimed for them. The tide of popular patronage that has flown our way during the past ten years convinces us that we have the right idea. Straight-dealing pays.

CONVENIENTLY LOCATED NEAR TRANSPORTATION LINES

100 SIXTH AVENUE IS JUST NORTH OF CANAL STREET

100 Sixth Avenue is served by the 6th and 9th Avenue Elevated Lines, the 7th and new 8th Avenue Subway Lines, the New Jersey Bus Lines, all of which have nearby stops. The Holland Tunnel also emerges at a point within two blocks. By means of these transportation systems it is readily accessible from practically any point in Greater New York and surrounding communities.

HOW TO REACH US

From Upper Manhattan and Bronx: 7th Ave. Subway express to 14th St., local to Canal St., walk 1 block East and 1 block North. 6th Ave. Elevated to Grand St., walk 1 block West.

From Lower Manhattan including Cortlandt St. and Hudson Terminal Area: 7th Ave. Subway local to Canal St., walk 1 block East and 1 block North. 6th Ave. Elevated to Grand St., walk 1 block West.

From Brooklyn: 7th Ave. Subway I. R. T. to Chambers St., local to Canal St., walk 1 block East, 1 block North. B. M. T. to Canal and Broadway, walk West to 6th Ave., 1 block North to our door.

From Queens: 7th Ave. Subway, I. R. T., to Times Square, downtown express to 14th St., local to Canal St., walk 1 block East and 1 block North.

From other points on Long Island, Nassau and Suffolk Counties: L. I. R. R. to Pennsylvania Station, I. R. T.

express to 14th St., local to Canal St., walk 1 block East, 1 block North.

From Newark and Jersey City, N. J.: Bus Line No. 108 from Public Service Terminal via Holland Tunnel. Stops in front of our door at Grand St. and 6th Ave.

From all New Jersey Points via busses entering New York through Holland Tunnel: Leave busses at 6th Ave. and Grand St. (in front of our building).

From Newark, Journal Square, Exchange Place, Erie Station, and Hoboken via Hudson Tubes: Tube to Cortlandt St., New York, change at Hudson Terminal for 7th Ave Subway to Canal St., walk 1 block East and 1 block North.

From all New Jersey Points via Busses using Electric Ferry: 6th Ave. "L" or 7th Ave. Subway and get off at nearest station to our building as shown in above information covering respective lines, or 9th Ave. "L" to DeBrosses St.

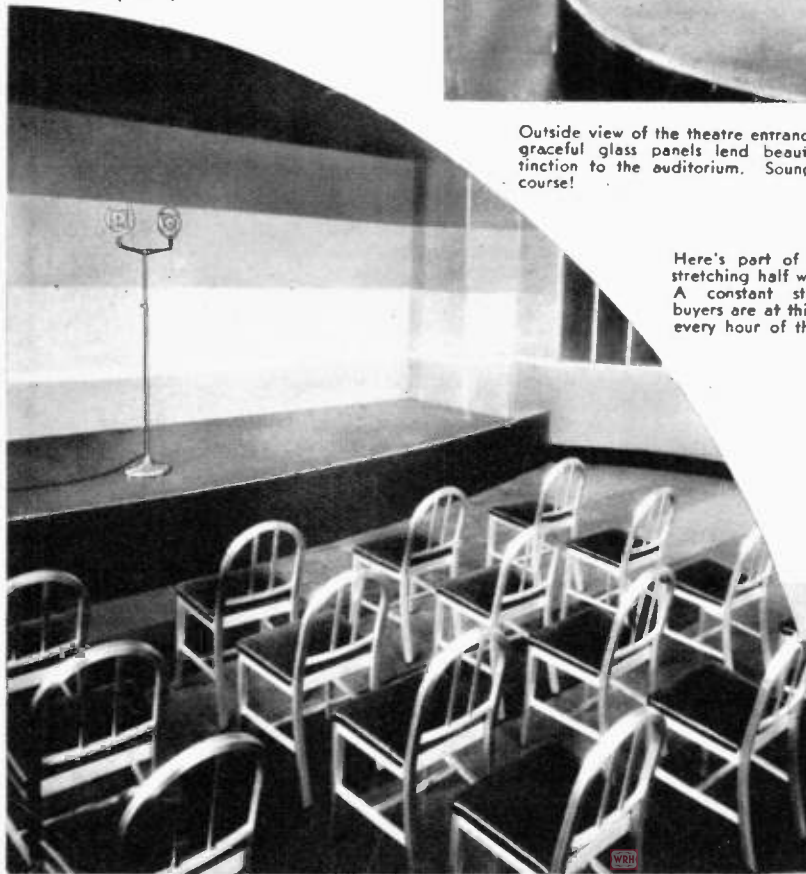
NOTE: The new 8th Ave. Subway which has not yet been placed in operation also has a station on 6th Ave. and Grand St., which is one block South of our building.

Views of Our MAGNIFICENT

An easily accessible corner where a huge tester—the latest of its kind—tests radio tubes free of charge. An added convenience for our visitors.



A small view of our theatre. Wide aisles, comfortable chairs, and a full stage add to your enjoyment when listening to the various demonstrations. (Below)



Outside view of the theatre entrance. Slender, graceful glass panels lend beauty and distinction to the auditorium. Sound proof, of course!



Here's part of the main counter, stretching half way across the floor. A constant stream of buyers are at this counter every hour of the day.



A group of buyers at one of the counters. Skilled radio-men answer questions, display new merchandise, and give proper, careful service.



NEW RADIO SHOWROOM

FINEST OF ITS KIND!

One floor of the magnificent building at 100 Sixth Avenue, New York, is occupied by our new radio showroom—the **finest radio display floor in America!** No finer tribute to a policy of honest merchandising could be paid than our growth from a small corner space in downtown New York to our present imposing quarters. We're proud to invite our friends and customers to visit radio's new show place. Tasteful, modern decoration! A fully equipped miniature theatre where the newest inventions are displayed and demonstrated. Everything designed for the comfort and convenience of visitors.

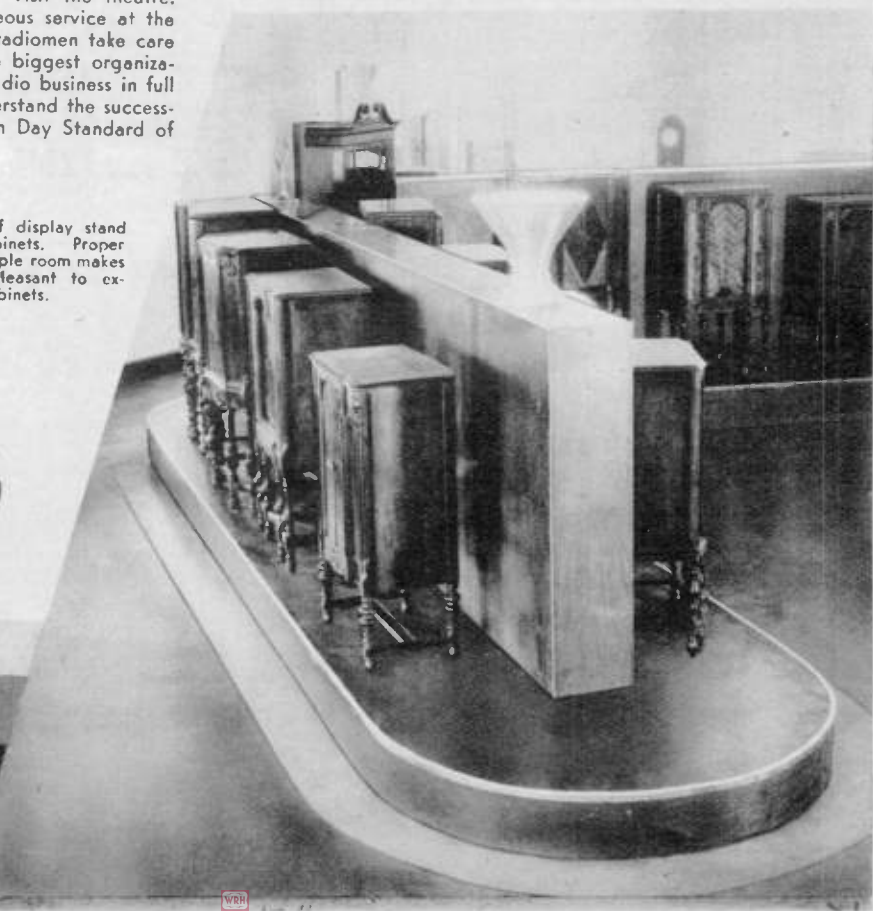
EQUIPPED TO GIVE YOU A NEW STANDARD OF SERVICE

Radio buyers from New York and vicinity make Wholesale Radio Service Co.'s new showroom their headquarters. Our thousands of out-of-town customers are cordially invited to visit us whenever they come to New York. Be sure to drop in when you have the opportunity. See the display by prominent manufacturers of their newest products. Talk to factory representatives. Visit the theatre. Note the prompt courteous service at the counters, where skilled radiomen take care of your needs. See the biggest organization of its kind in the radio business in full swing, and you will understand the successful policy of a "Modern Day Standard of Service."

A new type of display stand for radio cabinets. Proper lighting and ample room makes it easy and pleasant to examine these cabinets.



A comfortable lounge to rest, smoke or chat. Plenty of room, and a wide, soft lounge away from the crowd and noise. Another sound-proof booth in background.





It PULLS in the STATIONS from Coast to Coast

LAFAYETTE "THRILLER"

The Lafayette "THRILLER" is available with a choice of one of two Chassis: one tuning 200 to 550 meters and the other extending from 60 to 570 meters. Both of these chassis are identical with the exception of the Dual-Wave feature and are designed around the new type tubes which have just been announced. Due to the superior performance capabilities of these new tubes, this new receiver provides Sensitivity, Selectivity and Power which is in every way the equivalent to that of previous six and seven tube sets.

THE DUAL WAVE FEATURE

The Dual Wave "THRILLER" will provide unending hours of exciting entertainment by its ability to take advantage of those wave lengths which hold the most interesting features of radio below 200 meters. Police signals in all principal cities of the U. S. are broadcast on wave lengths attainable with this receiver and listening to them never loses its fascination. In addition to police calls there are numerous amateur 'phone conversations which are always interesting as well as short-wave foreign broadcasting which may be tuned in under exceptionally favorable conditions.



The Lafayette THRILLER is provided with a small tho' handsome cabinet finished in American Walnut and measuring 9x11x13½ inches high. It is small and light enough to be readily carried from room to room and placed in operation wherever an electric light socket is available. An ideal "second" receiver for home; in the den, bedroom or for the office. Employs chassis Model 50 described below. Tubes used: 1-'58, 2-'57s, 1-'47 and 1-'80.

Prices, Complete With RCA Tubes

200-550 METERS—For 105-120 volts, 50-60 cycle A.C.
Code (Cello)
2Y22063— **\$16⁹⁵**
Your Cost

200-550 METERS—For 200-240 volt, 50-60 cycle A.C.
Code (Eagle)
2Y22064— **\$18⁵⁰**
Your Cost

60-550 METERS—For 105-120 volts, 50-60 cycle A.C.
Code (Trans)
2Y22X66— **\$18⁴⁵**
Your Cost

60-550 METERS—For 200-240 volt, 50-60 cycle A.C.
Code (Tonal)
2Y22068— **\$20⁹⁵**
Your Cost Each ..



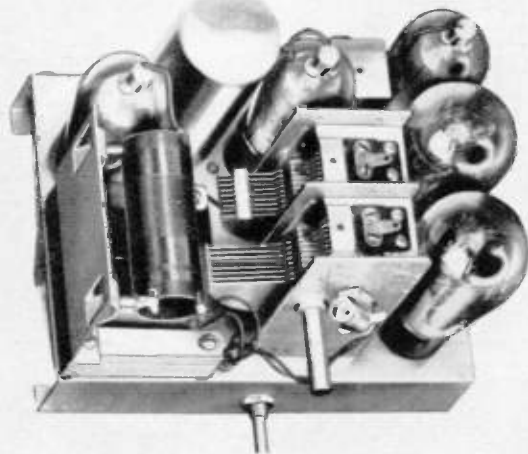
MODEL 50 CHASSIS

The Lafayette Model 50 Chassis is designed around the new type tubes and offers a definite improvement of similar circuits employing the older type tubes. Its Superheterodyne employs two Thetype '57 Triple-Grid tubes which serve as oscillator and Detector. These are followed by one type '58 Triple-Grid Super-Control Amplifier which is designed to operate effectively over a wide range of signal voltages. Rectification is provided by one '80 full-wave rectifier tube.

While designed primarily as a "second" receiver the Power and Tone Quality of this chassis will provide entirely adequate to satisfy almost anyone, even though it has to do the job alone. Its extreme portability and high efficiency will win for it many friends wherever it is shown. Size of Chassis 6'x8'x6' inches high. Net weight of complete receiver (including cabinet) 14 pounds.

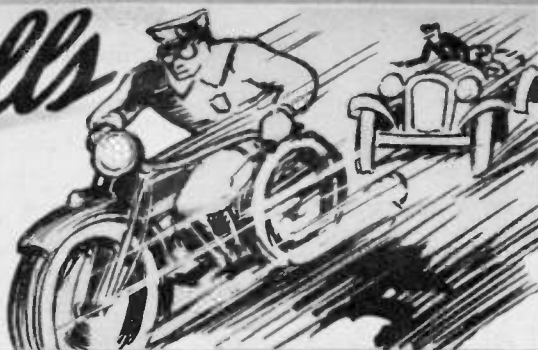
30 DAY TRIAL

You may order this Lafayette Receiver with the privilege of testing it for a full thirty days without obligating yourself to keep it permanently. If at the expiration of 30 days you are not pleased with it you may return it to us and your full purchase price, less any transportation charges we have paid, will be promptly and cheerfully refunded to you.



All wave lengths on the Dual-Wave Models are covered without the use of plug-in coils. A switch on the radio panel changes over from Broadcast to Short Waves.

GET Police Calls Tunes 60-570 Meters



AFAYETTE MINSTREL SUPER- HETERODYNE

The Lafayette Minstrel Superheterodyne is available in two models. The Standard Model which tunes 200 to 550 meters and the Dual Wave Model which tunes 60 to 550 meters. For over-all efficiency the world of Radio has never had a receiver that will match its performance, tube-for-tube.

WONDERFUL TONE

While intended primarily as a "second" receiver in the home, for use in the bedroom, den or sun parlor, it will be found entirely adequate to meet all ordinary demands for radio entertainment even though it must do the job alone. Its Sensitivity is far greater than one would expect to realize from five tubes and it has Selectivity that is nothing short of amazing.

BUILT-IN ANTENNA

The MINSTREL has an antenna built right in its cabinet . . . not necessary to string wires about to provide one. It is ready to place in operation anywhere there is an electric outlet available, immediately.

Phonograph Connection

The MINSTREL has connections to which an electric phonograph pickup can be connected and used to produce ultra-fine reproduction.

You may try ANY LAFAYETTE RECEIVER for 30 DAYS in your own home. If you are not pleased at the expiration of that time you may return it and your money will be refunded (less transportation).

MODEL 51 CHASSIS

200-550 Meters

The Model 51 Chassis represents a definite step forward in superheterodyn design. In an entirely new circuit one tube has been made to serve the double purpose of a dynatrol oscillator and first detector without curtailing the effectiveness of either function.

FULL SIZE THREE GANG CONDENSER

No sacrifice in number of tuned circuits in this Superheterodyne; it employs a full size three gang tuning condenser with a pre-selector stage ahead of the i.f. In this way ultra-sharp tuning has been realized. In fact its selectivity compares most favorably with that of seven and eight tube superheterodynes.

SIZE AND TUBES USED

The Model 51 Chassis is very compact, being only 9 $\frac{3}{4}$ inches wide, 7 $\frac{1}{2}$ inches deep and 6 inches high. Vari-Mu and pentode tubes are used as follows: 1-35, 2-24s, 1-47 and 1-80.

OTHER FEATURES

Phonograph Jack, Full Vision Dial, Built-In Antenna, High-grade Dynamic Speaker, Tapered Volume Control, Over-size Power Transformer and Shielding where needed.

DUAL WAVE FEATURE

The Lafayette "MINSTREL" is available with either the Model 51 Chassis described below or the Model 50 Dual-Wave Chassis described on page 4. The Model 51 Chassis is an especially efficient superheterodyne employing a full-size three gang condenser in a special circuit which provides exceptional Selectivity for a receiver of this number of tubes.

The Ideal Small Receiver

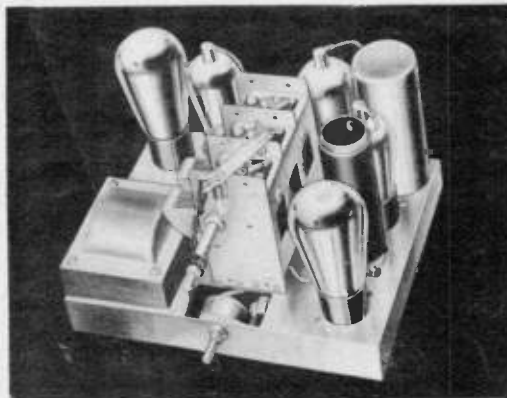
In the "MINSTREL" Lafayette engineers have accomplished the "impossible". They have produced a receiver so small and compact that it can be carried from room to room and placed in operation anywhere . . . yet one in which neither Selectivity, Sensitivity or Power has been sacrificed to size. The Tone Quality of the marvelous little receiver, too, will be a revelation to your. Programs are reproduced with bell-tone clearness and with a remarkable absence of background noises. Tuning hisses are entirely absent and its efficient Dynamic Speaker reproduces all audible frequencies without perceptible partiality.



\$20.95
COMPLETE
WITH TUBES

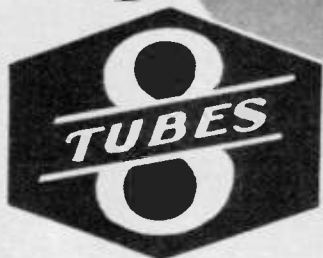
Lafayette MINSTREL with MODEL 51 CHASSIS (THREE GANG CONDENSER) for 110 volt 50-60 cycle A.C.
2Y22067—Code (Melba). List, \$39.50.
Your Cost, **\$20.95**
Complete with Tubes

Lafayette MINSTREL with MODEL 50 CHASSIS (60-550 METERS) for 110 volt 50-60 cycle A.C.
2Y22068—Code (Orpheus). List \$42.50.
Your Cost, COMPLETE WITH **\$22.95**
RCA TUBES



30 DAY FREE TRIAL

This receiver can be ordered with the privilege of a full thirty-day free trial period. If at the end of that time it does not please you, you may return it and your full purchase price, less transportation charges, will be cheerfully refunded.



AUTOMATIC VOLUME CONTROL

This is our finest Dual Wave Receiver. Designed around the NEW TYPE TUBES, it represents a new Superheterodyne circuit in which the usual difficulties and peculiarities of short wave reception have been minimized.

FOUR DIFFERENT FREQUENCY BANDS

Band No. 1: 194 to 555 meters on which general Broadcasting is done. Band no. 2: 72.4 to 216 Meters. Band No. 3 32.3 to 96.2 Meters and Band No. 4 12 to 33 Meters. These bands afford coverage of Foreign Shortwave Stations, Radio Amateur Broadcasting, Aircraft and Police Calls.

Available 15—555 Meters

The Automatic Volume Control tends to maintain volume of all stations received at a constant level, determined by the position of the manual volume control, and minimizes station fading.

CALIBRATED DIAL

The Receiver has a wide celluloid dial, accurately calibrated in all the bands covered. All wave bands are tuned by means of the single station selector and switch from one band to the other is accomplished by means of a knob conveniently situated on the radio panel.

TUNING CONTROL

The Tuning Control has too speed, one of very high ratio which is especially useful in tuning short waves. In tuning these wave-lengths the control knob is pulled forward to engage the vernier. Normal ratio is engaged by the normal position of the knob.

NEW TYPE TUBES IN IMPROVED SUPERHETERODYNE CIRCUIT

The tubes used in this receiver are: 1-56, 2-57s 3-58s, 1-47 and 1-80. Due to the superior performance capabilities of these new tubes a remarkably improved circuit results.

GREATER STABILITY

Considerable improvement has been realized on the stability of operation, especially of short waves. Here at last seems to be a receiver which offers consistent reception of short waves as well as the regular broadcast bands.

FINE CABINET

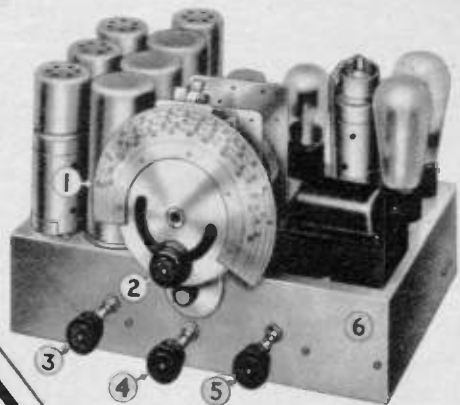
The cabinet selected for this receiver is much heavier than that of the ordinary receiver, because of the tremendous power of the chassis. Both walls and front have been made thicker to provide adequate baffle area. The Dynamic Speaker thus properly baffled produces tones of extraordinary purity and volume. Size of cabinet, 19 inches high, 16 inches wide, 11 1/2 inches deep.

Two Marvelous

LAFAYETTE

Dual-Wave DeLuxe

Uses New Type Tubes



Model

80 CHASSIS

CHASSIS SPEAKER AND TUBES

2Y22054—Model 80 Chassis, Matched Dynamic Speaker and RCA (New Type) Tubes, For 110 volt 50-60 cycle A.C. Code (Jupio) **\$33.50**

List, \$67.00, Your Cost, **\$36.00**

2Y22055—As above for 200-240 volt 50-60 cycle A.C. Code (Nepto) **\$36.00**

List, \$72.00, Your Cost, **\$37.75**

Lafayette Mantel Dual-Wave DELUXE Receiver, Complete with New Type RCA TUBES. For 110 volt 50-60 cycle A.C. **\$40.25**

2Y22X53—Code (Memori) **\$37.75**

List, \$75.50, Your Cost, **\$40.25**

As above for 200-240 volt 50-60 cycle A.C.

2Y22053—Code (Bloom) **\$40.25**

List, \$80.50, Your Cost, **\$40.25**

New Receivers



SUPER-HETERODYNE!

WITH NEW TYPE TUBES

Here is a radio that will impress you more every time you hear it! Big Performance from Compact Construction! Never before has so much been realized from 7 tubes. Never before has such keen Selectivity, such amazing Sensitivity and such abounding Power been possible. It will sell itself wherever it is shown because it is modern. Not simply a rehashed Superheterodyne, but a brand new Superheterodyne, built around a new type '56, '57 and '58 tubes.

POWER TO SPARE

There is a world of power in this new Lafayette. Power that isn't ordinarily needed but a source of satisfaction when weak or distant signals must be greatly amplified.

FLAWLESS TONE

No mantel receiver, however expensive, can surpass this set in Tone Quality. So greatly have the new tubes improved its fidelity of reproduction that nothing finer could even be expected.

10 Kilocycle Selectivity

Modern Broadcasting Conditions demand a receiver of knife-edge Selectivity if all available radio entertainment is to be taken advantage of. Here is a receiver engineered to meet such a situation. Every line on the dial marks the point of a different station, separated sharply and clearly.

Balanced Dynamic Speaker

In order that set and reproducer can function as a single unit the Dynamic Speaker of this Superheterodyne has been exactly matched to every requirement of its chassis. Such exact balancing not only results in a greater input to output efficiency but insures reproduction of all frequencies constituting the original broadcast.

Attractive Cabinet

The quality of the cabinet is in keeping with the quality of the chassis and speaker. No "cutting off corners," no skimping of material has been permitted. A good substantial piece of furniture, adequately braced and glued and finished with the finest of lacquers.

Great Distance Reception

This Lafayette has a magic reach into the vast mystery of space—the extreme sensitivity of the new type tubes employed bridges great distances and brings in stations beyond the reach of sets less modern in design. Endless hours of pleasure will be yours as you turn the illuminated dial and bring in station after station thousands of miles away.



NEW TYPE TUBES

This receiver has been designed to take full advantage of the new type tubes. It uses 2-57s, 2-58s, 1-56, 1-47 and 1-80. The added efficiency of which results in a receiver of uncommon performance capabilities. So wonderful, indeed, is the improvement in reception made possible by them that now seven tube receivers are comparable with eight and nine tube sets of a year ago.

Lafayette 7-Tube Superheterodyne Chassis, Matched Dynamic Speaker and New Type RCA Tubes

For 110 volt 50-60 cycle A.C.
2Y22080—Code (Septis)
Your Cost

\$23⁷⁵

LAFAYETTE 7-TUBE MANTEL TYPE RECEIVER

Complete with Genuine RCA New Type Tubes.
For 110 volt 50-60 cycle A.C.
2Y22079—Code (Septis)
Your Cost

\$26⁹⁵

PHONO-RADIO Combination

Seven Tube Vario-Mu Pentode

Superheterodyne

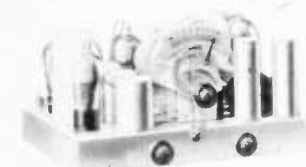
HANDSOME AND SUBSTANTIAL CONSOLE

The Console of this Combination is made of carefully selected hardwood veneers, beautifully shaded and finished in lustrous lacquer. Extra heavy top and sides for proper baffling. Conveniently located for changing from Radio to Phonograph. Illuminated dial. High Grade Phonograph and Ultra-sensitive cobalt steel electric Pick-up. Size of console, 15x17 ins., 20 1/2 inches high.

2Y22081—SYMPHONY PHONO-RADIO COMBINATION for 110 volt 50-60 cycle A.C. Complete with RCA New Type Tubes. Code (Septis)
Your Cost

\$53⁵⁰

The above Chassis is also available in a small cabinet housing a complete electric Phonograph Turntable and Pick-up. This combination not only provides its owner with the luxury of an extra fine Radio receiver but a modern and efficient phonograph as well. Ultra-fine reproduction of electrically cut phonograph records can be had with this combination. The music from the records is gathered up by the sensitive electric pick-up and fed to the audio system of the radio where it is amplified and delivered through the powerful dynamic speaker with tremendous volume and faultless clarity.



AUTOMATIC
VOLUME
CONTROL

DUAL
SPEAKERS

RUBBER
FLOATING

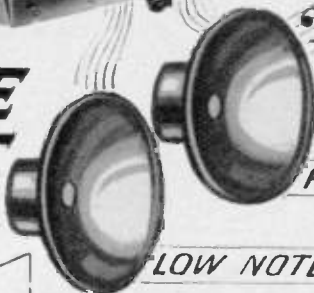
tone
BLENDER

VARI-MU
PENTODE



The New
LAFAYETTE

Ortho-Tone



HIGH NOTES

LOW NOTES

An
**ENGINEERING
TRIUMPH!**

TREMENDOUS.

POWER

Automatically

CONTROLLED

The

Page 8

Most Perfect Lafayette

The new Lafayette Ortho-Tone Chassis embodies features hitherto not available in any except the most expensive custom built receivers. In performance it is so far superior to previous ten tube superheterodynes that it seems conclusive that here, at last, is the ultimate receiver for home and general uses.

TWIN SPEAKERS

No single Dynamic Speaker, however expensive, can be designed to respond with equal fidelity to the entire spectrum of audible frequencies. They may be designed to favor either the higher or the lower frequencies; but any attempt to make them universal results, at best, in a compromise with its resulting penalties.

To escape such a compromise, the Ortho-Tone has been provided with **TWO DYNAMIC SPEAKERS**—each designed with precision accuracy to respond perfectly to its particular range. This not only results in absolute fidelity of reproduction, but tremendous volume as well.

ACUTELY SENSITIVE

Measured micro-volt Sensitivity, knife-edge Selectivity, and tremendous Power are combined with its pure flawless Tone to make it the finest receiving unit ever produced at anything near its price. Buy it; hear it! If you don't agree with us you may TAKE ADVANTAGE OF OUR MONEY-BACK GUARANTEE.

NEW TYPE TUBES OPTIONAL

The Lafayette Ortho-Tone Chassis is available with either Standard Type or New Type 56, 58, etc., Tubes, the new Type Tubes providing slightly greater efficiency due to their improved performance capabilities. Size of Chassis 11 $\frac{3}{4}$ x17 $\frac{1}{2}$ x7 $\frac{1}{2}$ inches high.

PRICES FOR MODEL 100 CHASSIS, TWIN SPEAKERS AND TUBES

Model 100 Chassis, Twin Speakers & Tubes

With Genuine R. C. A. Radiotrons Tubes

Tubes Used: 3-35s, 4-27s, 2-47s, 1-80.

For 105-120 volt 50-60 cycle A.C.
2Y22057—Code (Beppo) **\$37⁵⁰**
Your Cost

With Genuine R. C. A. Radiotrons New Type Tubes

For 105-120 volt 50-60 cycle A.C.
2Y22058—Code (Minos) **\$39⁵⁰**
Your Cost

For 200-240 volt 50-60 cycle A.C.
2Y22059—Code (Monde) **\$42⁵⁰**
Your Cost



10 TUBE SUPER- HETERODYNE

A Beautiful Console A Marvellous Radio

Public acceptance of the marvelous new Superheterodyne will be immediate wherever it is shown. It will appeal to radio fans and lovers of fine music. The hardened radio fan will be immediately fascinated by its ultra-sensitivity and Selectivity and the stickler for perfect Tone quality will instantly recognize in it his ideal receiver. Its Dual Speakers, wound in such a manner that each covers a particular band of frequencies with absolute fidelity, reproduces programs with that full rounded naturalness that distinguishes a fine radio from an ordinary one. Its great Sensitivity permits the lowering of volume adjustment below that which back-ground noises are introduced; thus bringing in the programs against a velvet background of silence. . . . Its **AUTO-MATIC VOLUME CONTROL** does this automatically! Its Selectivity is greater than any ordinary condition will require, being actually better than 10 KC under average operating conditions.

Master Furniture Craftsmen have here collaborated with Lafayette Engineers in producing not only the finest Radio Receiver ever to bear the Lafayette name plate, but a piece of furniture of real distinction as well.

The beautiful console of the New Ortho-Tone is fully in keeping in appearance and size with the ultra-line chassis and speakers which it houses. The radio panel is of choice burl walnut veneer center matched. Attractively fluted and carved pilasters on each side are of straight grained hardwood. Arch and apron of lacewood with contrasting overlay. Top and sides are of extra heavy five ply walnut veneer. Has six artistically turned legs and escalloped stretcher piece. Apron beneath is bent to preserve the curved lines of the console. American walnut finish. Size overall, 42½ inches high, 24½ inches wide, 14½ inches deep.



\$47⁵⁰

**Complete
With Genuine
R.C.A. Raditrons**

VIBRATION BANISHED *by this new* FULL RUBBER FLOATING PRINCIPLE!

No portion of the Ortho-Tone Chassis is rigidly attached to the console . . . It Floats in Rubber! This feature entirely eliminates many annoying disturbances which are present in the ordinary receiver because of vibration. Such vibrations originate in the Dynamic Speaker and are conducted to the chassis through the baffle board and console.

They create howls and noises commonly known as microphonics in the tubes and other components. No vibrations can reach the Chassis of this receiver since they are absorbed by four cylindrical sponge rubber supports in which the chassis is kept entirely free from the wooden support upon which it is mounted. **SMOOTH, QUIET OPERATION** with an

abundance of Power in addition to these modern features: Illuminated Spot Tuning, Fully shielded Chassis, Automatic Volume Control, Most Modern Superheterodyne Circuit, Improved Tone Blender, Variable-Mu and Pentode Tubes and Dual Speakers.

30 DAYS FREE TRIAL

ALL LAFAYETTE RADIO RECEIVERS are sold on a "Money Back If You Are Not Satisfied" basis. You may order these receivers and test them thoroughly in your own home for full thirty days before obligating yourself to keep it permanently. If, at the expiration of that time, you do not wish to keep it you may return it to us and we will promptly refund the entire purchase price, less transportation charges.

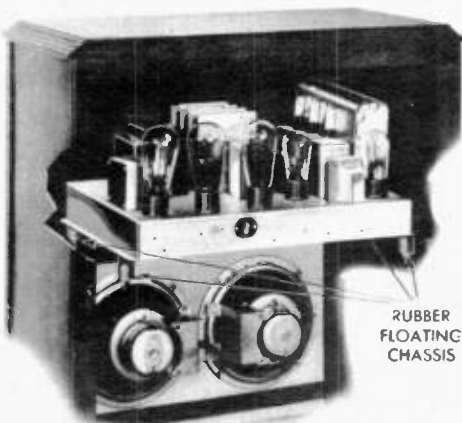
PRICES FOR COMPLETE RECEIVER

With Genuine R.C.A. Radiotron
New Type Tubes

Uses: 3-'58s, 4-'56s, 2-'47s, 1-'80
2Y22061—For 105-120 volt 50-60
cycle A. C. Code (Lucid)
List, \$99.00. **\$49⁵⁰**
Your Cost
2Y22062—For 200-240 volt 50-60
cycle A. C. Code (Sarto).
List, \$105.00. **\$52⁵⁰**
Your Cost

With Genuine R.C.A. Radiotron
Tubes

Uses: 3-'35s, 4-'27s, 2-'47s, 1-'80
2Y22060—For 105-120 volt 50-60
cycle A.C. Code (Agnas)
List, \$95.00. **\$47⁵⁰**
Your Cost



RUBBER
FLOATING
CHASSIS

in Lafayette History! Page 9

LAFAYETTE Dual-Wave

15-550 METERS

This Receiver is designed especially for those who wish the very best in Dual-wave Superheterodynes. Engineered to overcome many of the difficulties and peculiarities of short wave reception, remarkable ease and consistency has been accomplished in the reception of wave lengths below 200 meters.

UNUSUALLY QUIET

Due to the great sensitivity of this receiver it is not necessary to increase the volume setting sufficiently to introduce back ground noises in order to obtain satisfactory coverage.

FULL AUTOMATIC VOLUME CONTROL

The receiver is equipped with an advanced Automatic Volume Control System which tends to maintain a constant volume as determined by the setting of the manual Volume Control. This is a very desirable feature since it minimizes the effects of fading and maintains good volume except in cases of acute signal weakness.



10 tubes

LAFAYETTE MANTEL 10 TUBE DUAL WAVE RECEIVER for 110 volt 50-60 cycle A.C. Tubes Used: 3-27s, 3-35s, 1-24A, 2-47s, 1-80. Complete with RCA TUBES.
2Y22088—Code (Marco). **\$41.50**
Your Cost

10 TUBE SUPER-HET

VISUAL METER TUNING

TUNES 15 to 550 METERS

Few Mantel Type Receivers will equal the performance of this one on broadcast wave lengths and none will surpass it on wave lengths between 15 and 200 meters. The most interesting features of Radio occur on wave lengths below 200 meters which make an efficient Dual wave set such as this one very desirable. Police Signals, Amateur Phone and Ships at sea as well as foreign broadcasts are available under favorable conditions.

Superheterodyne Selectivity

Due to the congested condition of present day broadcasting channels a receiver must be extremely selective in all available radio entertainment is to be taken advantage of. The better than 10 kilocycle selectivity of this set enable the owner to cut through high powered locals and bring in the DX signals even in metropolitan areas.

HANDSOME CABINET

The cabinet of this receiver is fine enough for any home. Choice hardwoods have been combined to make a piece of furniture of real charm and enduring interest.

LAFAYETTE LONG WAVE RECEIVERS



Lafayette LONG WAVE SETS

8 TUBE SUPER-HET

6 TUBE SUPER-HET



NEW TYPE
TUBES

TUNES
12-2,000
METERS

TUNES
200-2,000
METERS

A BIG
VALUE

TRIO-WAVE SHORT — BROADCAST — LONG WAVE

Reception from one end of the world to the other, Amateur, Coast Guard, Police Call signals and other short wave divisions. American and Canadian Broadcast, South American Stations, European and the Orient on the Long Wave Lengths. Press and Ship Telephone; all possible with the NEW LAFAYETTE TRIO-WAVE SUPERHETERODYNE RECEIVER. Utilizing the New Type tubes. FULL AUTOMATIC VOLUME CONTROL: Designed to make radio performance the pleasant, simple operation it should rightly be. It also adds to the life of the power tubes, resulting in lower upkeep cost.

SELECTIVITY

Sensitivity is rated at less than 1 micro volt per meter. Such super-fine sensitivity was considered an impossibility only a short time ago. Because of this feature Trio-Wave is possible.

NEW TYPE TUBES

Utilizes the following tubes: 3-58s; 2-57s; 1-56; 1-47, and 1-80. 110 volt, 60 cycle A.C. current.

2Y22125—Code "Largo"

Complete With Tubes

\$39.75

Same as above, except for 220 volt, 50-60 cycle operation. 2Y22126—Code "Bando".

Your Cost, Complete With Tubes

\$42.75

DUAL BROADCAST AMERICAN — EUROPEAN

The Lafayette Broadcast and Long Wave Receiver is a fine, highly-developed set from beginning to end. The receiver is completely shielded to eliminate interference with other nearby radio sets. Radiation, a common complaint with ordinary Super-het, sets.

Lafayette Perfected Tone Control

The name Lafayette has been synonymous with the highest degree of tone perfection. The entire audio circuit of the new Lafayette Long Wave Receiver has been specially engineered to conform to the requirements of the Pentode tube.

Hair Line Selectivity

Selectivity is accomplished with the total elimination of background noises and other station interference, due to the special features of this receiver.

This receiver utilizes the following tubes: 2-24s, 1-51, 1-27, 1-47, 1-80.

For 110-120 volt, 60 Cycle A. C. Operation.

2Y22127—Code "Marda".

Your Cost, Complete With Tubes

\$32.50

Same as above, except for 220 volt, 50-60 cycle A.C. operation. 2Y22128—Code

Your Cost, Complete With Tubes

\$34.75

LAFAYETTE 2 VOLT BATTERY SET

NEW TYPE TUBES! NEW CIRCUIT!

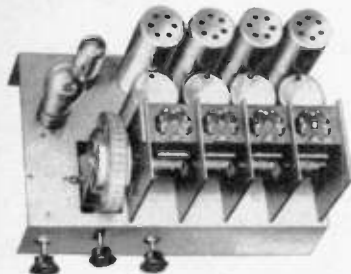
The very finest of radio entertainment is now made available in districts that have no electric service by the Lafayette Battery Radio. The performance of this receiver is comparable in every way to that of the finest Electric Sets and should not be confused with that of the battery sets of previous design that were usually underpowered and involved the use of storage batteries.

SENSITIVITY

Extreme and uniform sensitivity provided by excellence of circuit and chassis design. Measured sensitivity less than one micro-volt per meter providing distance reception that is seldom equaled in other more expensive receivers.

FIDELITY

By means of resistance coupling into pentode output tube and intermediate resistance coupling from the detector, together with a speaker which is matched to this receiver, a wide range of voice and musical frequencies with their overtones are reproduced with resultant excellence of tonal quality.



FEATURES

Operates from new Eveready 2-Volt Air Cell Battery or equivalent, 135 volts of "B" batteries and a 22½ volt "C" battery. Extremely long battery life with practically uniform operation throughout battery life. "A" battery drain 0.6 amperes and "B" battery drain 18-20 milliamperes (average) which should provide 12 months' battery service without replacement. Utilizes: Three of the new type '34 tubes, Super Control R. F. Amplifier Pentodes; One '30 type tube as Detector; One '31 type tube as First Stage power amplifier; One '33 Power Amplifier Pentode, as the final and last Audio Stage.

BEAUTIFUL CONSOLE

It would be difficult to imagine a more beautiful console than that which houses this six tube Super-power battery receiver. Sides and top are of Butt Walnut Veneer with beautifully figured walnut front panels. Recessed radio panel of select rotary walnut. Dimensions, 42 inches high, 24 inches wide, 14½ inches deep.

RECEIVER CHASSIS

Four gang variable condenser totally shielded R. F. coils and tubes, all aluminum chassis. Dimensions, 7¾ inches high, 13 inches wide, 8 inches deep.



Lafayette 2-Volt Battery Radio Receiver, less tubes and batteries.
2Y22087—Code, "Misto"

\$27.50 net

Eveready Air Cell "A" Battery.....\$5.95
3—Eveready Layerbuilt "B" Batteries 4.63
Kit of Matched Genuine RCA Radiotrons 8.32

LAFAYETTE *Dual-Wave* 6 Tube Sets for 110 Volts D.C. & 110 Volts A.C.

Certainly the most advanced Mantel Type set thus far. Dual wave range and Automatic Line Voltage Control. Its reach of from 60 to 570 meters is accomplished without the use of plug-in coils, selection of Broadcast or Short-wave band being made by means of a knob on the panel of the receiver. The single tuning knob selects signals on either band as easily and simply as stations are tuned in on an ordinary receiver. It provides Selectivity, Sensitivity, Tone Quality and Power that

will please the most discriminating radio buyer. Its dual wave feature enhances the joy of owning a radio by bringing to its owner many thrilling and interesting adventures that are not possible with an ordinary set: Police Calls, Ships at sea, Foreign Shortwave Broadcasts, Amateur Phone and many other features are possible. Its Automatic Line Voltage Control increases its efficiency and lengthens the life of its tubes by maintaining exactly the proper current under all conditions.



**HANDSOME CABINET
FINISHED IN BEAUTIFUL
WALNUT VENEERS**

**THIS, OR ANY OTHER
LAFAYETTE RADIO
RECEIVER MAY BE
PURCHASED ON THE
30-DAY FREE TRIAL
OFFER**

A. C. MODEL

Tubes Utilized: 2-24s, 1-35 or '51, 1-27, 1-47, 1-80 and one Amperite Voltage Regulator Tube. For 105-120 Volt A.C. 50-60 cycle.
2Y22089—Code, "Nisto"
Complete with Seven Tubes,
Your Cost **\$29.75**

D. C. MODEL

Tubes Utilized: 1-37, 1-39, 2-33s, 2-38s. For 110-120 Volts Direct Current operation.
2Y22088—Code, "Risto"
Complete with Six Tubes,
Your Cost **\$31.50**

FEATURES:

**SUPER HETERODYNE
VARIABLE MU PENTODE
ONE DIAL CONTROL
DYNAMIC SPEAKER
60-570 METERS
FULL AUTOMATIC
LINE VOLTAGE
PHONOGRAPH
JACK**

Fine Consoles at ROCK BOTTOM PRICES!



The PRESIDENT

A console of distinction. Sliding doors with attractive sunburst design of diamond matched walnut. Front is of choice oriental walnut veneer and sides are of clear straight grain walnut veneer. Genuine wood - carvings throughout. Beautifully carved legs and stretcher. Inside dimensions, 27 inches high, 14 inches deep and 25 inches wide. Outside dimensions, 52 inches high, 17½ inches deep, 27½ inches wide. Face of panel 12 ins.

2Y22086—**\$31.50**
Your Cost, Each.....



The GREGORY

A very massive and beautiful console for the money; looks like many dollars more. Made of choice walnut veneers, attractively shaded and finished. Has the new style six-leg base and is very substantially constructed throughout. The kind of a console that will stand years of usage and much handling. Inside dimensions, 27 x 19 x 12 inches. Outside dimensions, 41½ inches high, 22 inches wide, 14 inches deep. Panel 11 inches.

2Y22087—**\$13.50**
Your Cost



The GEORGIAN

Has hinged doors veneered with beautifully figured center matched burl walnut. Flanking pilasters of center matched reverse diamond walnut veneer. Beautifully carved arch. Carved legs and stretcher. Extra heavy construction. Made for a powerful receiver. Inside dimensions, 27½ inches high, 22½ inches wide, 12 inches deep. Outside dimensions, 46½ inches high, 24½ inches wide, 15½ inches deep. Face of panel 10¾ inches wide.

2Y22085—Your Cost... **\$22.50**



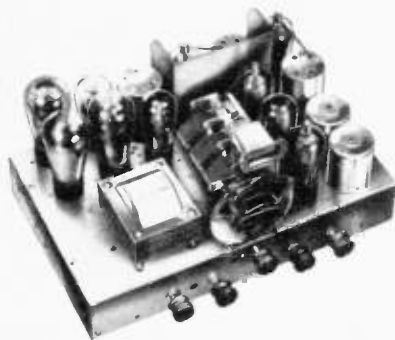
The SHERATON

A good-looking French door Console at an amazingly low price. Radio panel and inside of swinging doors are finished in American walnut of select grain. Outside surface of doors of center matched burl walnut veneer. Has drawer at bottom. Over-all dimensions, 51 inches high, 25½ inches wide, 14½ inches deep. A genuine bargain in a two piece Console.

2Y22031—Your Cost.... **\$9.95**

Any Lafayette Chassis can be mounted in one of these beautiful Consoles at your request. Write for prices on any combination in which you are interested.

LAFAYETTE 10 TUBE DUALWAVE SUPERHETERODYNE



LAFAYETTE 10 Tube Dual Wave Superheterodyne Chassis

The Lafayette Dual Wave 10 Tube Chassis has been designed especially for those who require a superfine radio which will tune in wave lengths between 15 and 200 meters as well as those in the regular Broadcast band.

Visual Meter Tuning

The Visual Meter Tuning feature of this receiver permits of accurate visual tuning. Absolute resonance with the tuned-to station being indicated by the deflection of a tuning meter located on the radio panel.

Band Pass Selector

Ultra Sharp Selectivity has been realized by a full superheterodyne circuit in which a stage of band pass filter has been included.

Pentode and Vari-Mu

To insure the greatest possible quietness in operation and the ultimate in distortionless output, the circuit of the Ten Tube Lafayette Dual Wave Superheterodyne has been designed around variable Mu and Pentode Tubes.

Quality Dynamic Speaker

No receiver is better than its Dynamic

Speaker; therefore, this Chassis is provided with a specially matched Dynamic reproducer of the highest quality in order that the greatest possible advantage may be taken of its high performance possibilities.

Full Automatic Volume Control

The Lafayette 10 Tube Dual-Wave Superheterodyne is equipped with full automatic Volume Control which tends to maintain a constant volume as determined by the setting of the Manual Volume Control. This feature eliminates a great deal of annoyance occasioned by the variations in signal strength, as volume is maintained at a constant level in all except cases of most pronounced fading.

Ultra-Sensitivity

The Sensitivity of this receiver is less than one micro-volt per meter, which permits the lowering of volume under practically all conditions below that which introduces background noises. This acute Sensitivity is especially desirable in short wave receivers.

Tunes 15-550 Meters

With a tuning range of 15 to 550 meters this receiver covers the most interesting bands of Radio; those below 200 meters. In addition to Police Broadcasting, ships at sea, and Foreign Shortwave stations are also attainable under favorable conditions.

Lafayette Dual Wave 10 Tube Superheterodyne Chassis with specially matched Dynamic Speaker and 10 RCA Radiotrons. For 110 volt 50-60 cycle A.C.

2Y22078—Code (Tentu). **\$36.50**

Your Cost
Size of Chassis 9½x17x8 inches. Tubes Used: 3-2's, 3-3's, 1-2A, 2-4's and 1-80.

GUARANTEE

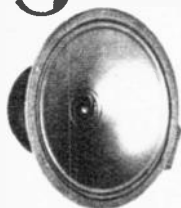
We guarantee this Chassis to please you. You may order one, try it for 30 days and if, at the expiration of that time you are dissatisfied with you may return it to us and your full purchase price will be refunded. (Less transportation charges).

TRUTEST 8 TUBE RECEIVER KIT

**Push-Pull Pentodes—4 Gang Variable
Condenser—Super-Dynamic Speaker**

Hundreds of these kits sold within a month, hundreds of satisfied builders. A big boom to the Service man, building and reselling these at a profit. No-where and at no time has there ever been offered a more sensational radio kit value than this. It was only after months of exhaustive laboratory experiment that this remarkable offer could be made. Our tremendous buying power and the cooperation of many leading radio parts manufacturers are other factors which make this unusual offer possible. With very little or no technical knowledge, merely by following the blueprints and diagrams, this receiver can be constructed in four or five hours. A Full-Size Receiver that will reach out and get distant stations, and capable of surprising volume without the slightest distortion. The set comprises three stages of tuned radio frequency amplification followed by a linear power detector which is resistance coupled to the first audio stage. The first audio is transformer coupled to the push-pull pentodes. The R. F. Stages are designed around the new Variable Mu tubes in conjunction with the proper type volume control so that cross-talk is absent in the proximity of powerful stations. Tone Control an added feature. The Audio power output is approximately 7 watts.

**SUPER
DYNAMIC
\$3.95**

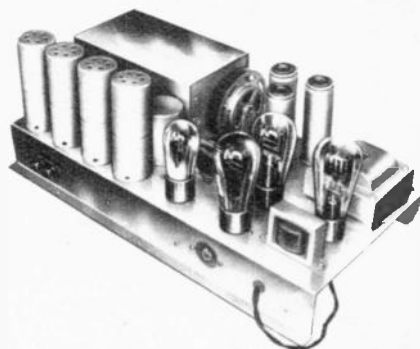


**S
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**COMPLETE KIT OF ALL NECESSARY
PARTS, INCLUDING FULL DETAIL SET
OF DIAGRAMS AND BLUEPRINTS. ALL
THE PARTS ARE GUARANTEED AC-
CORDING TO THE STANDARD WAR-
RANTY OF THE RADIO MANUFAC-
TURER'S ASSOCIATION.**

COMPLETE KIT: Less Tubes and Speaker

FOR ONLY \$18.50



Component Parts

Every single part in this kit is made by a stand-
ard REPUTABLE manufacturer. Each unit has
been made to our specifications and is GUAR-
ANTEED to be ABSOLUTELY BRAND NEW
AND PERFECT. Parts used are:

1—Metal Chassis Base, properly punched,
aluminum sprayed; 1—POLYMET Power Trans-
former; 1—Four Gang
Condenser, with compensation and knifed plates;
1—Metal Condenser Shield; 4—Shielded Radio
Frequency Coils; 3—Polymet 8 mfd. Electrolytic
Condensers; 1—Eddie Drum Dial; 1—Polymet
Push Pull Input Transformer; 1—Polymet Filter
Choke; 4—Perforated Tube Shields; 1—Polymet
voltage divider; 8—Polymet By-Pass Condensers;
Eby Sockets and Controls; 1—Set Construction
Diagrams and Blueprints. All necessary resis-
tors, screws, bolts, nuts, washers, etc.

DYNAMIC SPEAKER

A specially matched Super-Dynamic Speaker
for use with above receiver.

2Y22033—Your Cost \$3.95
Code Word "Cameo"

**"ERLA" Short Wave Converter
Tunes 20-200 Meters**



**Amateur Phone Stations, Police Signal Calls,
Aeroplane Communications, American and
Foreign Broadcast Programs: All can be had
with use of this converter.**

An All Electric self-contained Short-wave converter, housed in a
midget type speaker cabinet, of walnut finish. Full vision dial.
Has selector switch, for switching from 20-60 meter band to the
60 to 200 meter bands. No changes necessary to install this con-
verter to your present broadcast receiver. Dual wave reception
at a small cost. Lead from output of converter connects directly
to Antenna post of present broadcast receiver, then tune receiver
to as near as possible to 300 meters or 1000 Kilocycles where no
regular broadcast station is heard. Dimensions of cabinet, 10x
7 1/4 x 11 1/4 inches high over-all. Shpg. Wt. 13 lbs. Complete with
RCA licensed Tubes. Set utilizes, 1-24, 1-27, and 1-80. For 110
volt, 60 cycle A.C.

2Y22035—Code word "Blake"
Your Cost, Complete

\$14.95

**NEW LAFAYETTE
SHORT WAVE CONVERTER**

**TUNES
15—180
METERS
SPECIAL
ONLY
\$21.50**

LESS TUBES



Improved type of Super-Heterodyne Short-wave converter. Guar-
anteed to out-perform many of the higher priced instruments that
are custom-built. The New Lafayette is an all A.C. self-contained
unit which converts any standard broadcast receiver into a
Short-wave Super-heterodyne. It is much simpler to operate than
the conventional short-wave receiver. Selectivity and sensitivity
of the receiver are limited only by corresponding characteristics
of the broadcast receiver, since it acts as the intermediate fre-
quency amplifier. To put the converter into operation, disconnect
the antenna from the broadcast receiver and connect it to the an-
tenna post of the converter. Connect the output post of the con-
verter to the antenna post of the receiver, and connect the grounds
of both units together. Compactness and simplicity of construc-
tion are features of this converter. Has selector switch for various
bands in the Short-wave division.

To receive Short-wave C.W. Signals it is not necessary to employ
an additional heterodyne oscillator, but merely to tune the broad-
cast receiver so that it picks up directly the carrier of a strong
local broadcast station and thus uses the broadcast transmitter as a
heterodyne oscillator. The Improved Lafayette Short-wave Con-
verter utilizes, One '24 tube as Detector, One '35 tube as Oscillator
and One '28 tube as half-wave rectifier for the power supply unit.
Single Dial Control. Now at a very low cost you can have the
entire radio world at your finger tips. Housed in a beautifully
metal crystalline cabinet. Dimensions are: 11 inches square, 7 1/2
inches high. For 110 volt, 60 cycle A.C. operation, completely wired
and tested. Less Tubes. Code word "Bravo".

2Y22034—List Price \$60.00.
Your Cost, Special

\$21.50

Same as above, Complete with Genuine RCA Radiotrons
2Y22035—Your Cost

\$23.95

Transportation Allowance of 2% on All Orders Above \$50



**SIX
TUBES**



LAFAYETTE AUTO RADIO THE AUTOMOBILE RADIO DE LUXE

Reception that Duplicates the Finest Home Radio.

Listen to your favorite programs whether you ride or stop. As you glide along the highways you will enjoy a new pleasure-companionship—a new entertainment and relaxation; the road is more alluring, the scenic beauty of the country-side seems more interesting. The monotony of driving is gone.

Steering Column Control Panel: Fits tightly on the steering column; no necessity of boring the instrument dash. Easier, more convenient control. Illuminated dial, volume control and tuning knob. Locked when not in use.

Dynamic Speaker: Magnavox, full electric dynamic Speaker providing tone and volume in every way comparable to the best of speakers used in the home receiver.

Battery Box: Complete: made of sheet steel, welded and painted—rust resisting. Just the right size for complete set of "B" batteries.

The Chassis: A six tube TRF using five screen grid tubes, equal in all respects to the home

owned set. Special circuit designed for "B" battery operation, gives much more than the usual output with very little battery drain. Has extraordinary sensitivity. Completely housed in a metal case, crackle finish.

Easy Mounting: Has base plate adjustable to 12 positions which makes it easy to mount in any available space in the car. It makes no difference in this receiver whether the electrical system is grounded positive or negative.

3 Stage TRF Circuit: Push-Pull Power Tubes. Tubes used, 3-36s, 1-37 and 2-38s. Exclusive feature: When set is turned off there is no drain on "B" batteries. Requires 135 volts of "B" Shpg. Wt. 35 lbs.

2N1422—AUTOTONE complete with tubes and all accessories (less batteries and antenna). Your Cost Each **\$37.50**

EXTRA EQUIPMENT
3 EVEREADY AUTO B BATTERIES **\$47.4**
1 DE LUXE CAR ANTENNA **\$2.40**

PINES Auto "B" Battery Eliminator

Makes Auto, Bus, Airplane or Marine Radio "all electric". Requires only about one

third the space of the regular "B" batteries. Delivers constantly the full required voltage for maximum reception. Consists of a miniature rotary converter driven by current from the storage battery; with suitable power transformer and filter system. Enclosed in a steel case. Size 5x8x6 1/4 inches deep. Shpg. wt., 22 lbs.

2N14228—6 volt input 135 v. 30 M.A. with tap at 87 1/2, output. List, \$30.00 **\$21.95**

Your Cost **2N14230—6 volt input 180 v., 30 M.A.** output. List, \$30.00 **\$21.95**

Your Cost

UTAH "B" POWER UNIT

Operates from 6 volt storage battery. Delivers pure, noiseless D C at high voltage for auto radio. Consumes only

1 1/2 amperes when delivering 25 M.A. at 135 volts. The dimensions are such that the locating of suitable accommodating space in auto is simple. No rotating parts; a highly developed vibrating interrupter is used in conjunction with mercury rectifying tube. Size 5x7x2 1/2 in. Shpg. Wt., 6 1/2 lbs. Specify voltage required and current drain in ordering. Complete with tube.

2N14228—List Price \$18.00. **\$12.50**
Your Cost Each

UTAH Auto Speakers

Utah "CUB" 6 1/4 inch Dynamic Speaker enclosed in metal case. Has mounting legs for attaching to dash. Very compact. 6 Volt Field.

2W19257—For Parallel '38s
2W19258—For P-P '38s **\$4.45**
Your Cost Each

SPEAKER ONLY

Utah 6 1/4 inch "CUB" Dynamic Speaker without steel case. 6 Volt Field.
2W19259—For Single '38. **2W19260—For P-P '38s.** **2W19261—For Parallel '38s.** List \$5.00. **\$3.25**
Your Cost Each



TRUTEST AUTO RADIO

An efficient, compact receiver for mounting on the steering column of the automobile. The three stage TRF circuit employs four screen-grid tubes with push-pull pentode power stage. Assembly consists of a chassis 4 1/4 x 9 1/2 x 9 1/2 inches deep with tuning condenser, resistors, etc., mounted in fully shielded lower half and tubes and TRF coils above. R.F. tubes shielded. Chassis slips into metal case which is permanently attached to steering column by means of an adjustable clamp and arm that permits it to be adapted to any particular installation. Station selector and volume control knobs, illuminated dial and lock occupy lower portion of case, in full view and easy reach of the driver. The set is equipped with a Magnavox electric full dynamic speaker in round metal case. This receiver, while amazingly low in price, is one of the finest in performance we have yet found and is enthusiastically recommended to those who require the steering post mounting set. Tubes used, 2-36s, 2-37s and 2-38s. Requires 135 volt "B" Battery. Shpg. Wt. 30 lbs.

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Auto Aerials Page 77
Auto Suppressors Page 89

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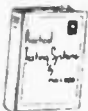
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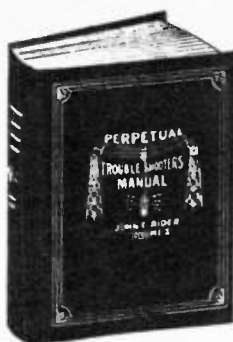
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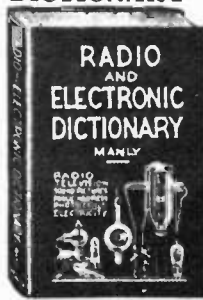
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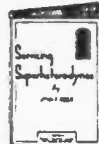


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232	Screen-grid Amplifier-Detector	2.30	2Z21132	1.22	2Z21532	1.24	2Z21832	1.02
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237	Detector-Amplifier 6.3 volt	1.75	2Z21137	.93	2Z21537	.95	2Z21837	.77
238	Pentode, Power Amplifier 6.3 volt	2.75	2Z21138	1.44	2Z21538	1.49	2Z21838	1.22
239	Pentode, Super-control R.F. Amp.	2.75	2Z21139	1.44	2Z21539	1.49	2Z21839	1.22
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26	2Z21026	Detector	4.00	2.12
30	2Z21030	Power Amp.	3.00	1.59
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28	2Z21028	Amplifier	3.00	1.59
48	2Z21048	Amplifier	3.00	1.59

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New	Half Wave Rectifier for Automobile Radio B Eliminators.			
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2721699—
List, \$2.75. Your Cost **\$1.46**

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2721635—
List, \$1.60. Your Cost **84¢**

236 D.C. Screen Grid Amp.
2721636—
List, \$2.75. Your Cost **\$1.46**

237 Detector Amplifier.
2721637—
List, \$1.75. Your Cost **93¢**

238 Pwr. Amp. Pentode
2721638—
List, \$2.75. Your Cost **\$1.47**

240 Voltage Amp. Detector.
2721640—
List, \$3.00. Your Cost **\$1.58**

245 Power Amplifier.
2721645—
List, \$1.10. Your Cost **59¢**

247 Power Pentode.
2721647—
List, \$1.55. Your Cost **82¢**

250 Power Amplifier.
2721650—
List, \$6.00. Your Cost **\$3.18**

280 Full Wave Rectifier.
2721680—
List, \$1.00. Your Cost **53¢**

281 Half Wave Rectifier.
2721681—
List, \$5.00. Your Cost **\$2.64**

551 Variable Mu.
2721651—
List, \$1.60. Your Cost **84¢**

227 A.C. Amp. & Detector.
2721627—
List, \$1.00. Your Cost **53¢**



GOLD SEAL TUBE

It will pay you to stock up on these exceptionally high grade bargain tubes. Individually boxed and guaranteed for thirty days Gold Seal Tubes should prove a profitable investment. Only a few types left so take advantage of this new low price.

Stock No.	Type	Stock No.	Type
2721926	226	2721945	245
2721927	227	2721980	280

Your Choice of any of the above types.
Your Cost, Each **25¢**

NEPTUNES TUBES



Here is your chance to make a real saving on 227 type tubes. Only thru having bought an enormous quantity and of one particular type are we able to offer Neptune Tubes at such a ridiculously low price. Boxed in attractively looking cartons. Each tube must test perfect before leaving our shipping department. Guaranteed for 5 days.

2721980—Your Cost Each **12¢**

DEFOREST TRANSMITTING TUBES



510—15 Watt Oscillator. Ideal for crystal control.	\$4.20
2721460—Dealers Cost	
511—50 Watt Oscillator, R. F. Amplifier or Modulator.	\$15.00
2721461—Dealers Cost	
503A—50 Watt Oscillator and R.F. Power Amplifier	\$15.00
2721462—Dealers Cost	
545—50 Watt A. F. Amplifier and Modulator.	\$15.00
2721463—Dealers Cost	
552—75 Watt Oscillator and R. F. Amplifier	\$23.00
2721464—Dealers Cost	
504A—250 Watt Oscillator, Modulator or R.F. Pwr. Amp	\$97.50
2721465—Dealers Cost	
504—250 Watt Oscillator, Modulator or R. F. Pwr. Amp.	\$97.50
2721466—Dealers Cost	
549—350 Watt Modulator, R. F. Amplifier or Oscillator	\$160.00
2721467—Dealers Cost	
565—7½ Watt Screen Grid R. F. Amplifier	\$15.00
2721468—Dealers Cost	
560—75 Watt Screen Grid Amplifier.	\$35.00
2721469—Dealers Cost	
506—Half Wave Mercury Vapor Rectifier.	\$6.35
2721470—Dealers Cost	
572—Half Wave, Hot Cathode Mercury Vapor Rectifier	\$16.50
2721471—Dealers Cost	
575—Intermediate size, Hot Cathode Merc. Vapor Rect.	\$30.00
2721472—Dealers Cost	

TRUTEST TRANSMITTING TUBES

OSCILLATOR AMPLIFIERS

210—Designed for Hi Frequency work. Thoriated filament type.
2721710—Your Cost **\$3.25**

203A—The standard 50 Watt and class "B" Modulator tube.
27703—Your Cost **\$11.00**

211—50 Watt Oscillator and R.F. Amplifier. Can also be used for class "B" work.
27711—Your Cost **\$11.00**

845—50 Watt Modulator, Class "A" or A.F. Amplifier.
27745—Your Cost **\$11.00**

MERCURY VAPOR RECTIFIERS

871—New Type. 2½ Volt at 2 Amp. Filament tube, does not require filament to be hot before plate voltage is applied. This tube is a half wave rectifier. Rated at 5000 volts inverse peak at 300 M.A. Peak plate current. 15 volt drop thru tube.
2721771—Your Cost **\$1.95**

Note: Two of above tubes can be used with filaments in series to replace a 280 Filament voltage and current will be the same.

EXTRA SPECIAL

866—Half Wave Rectifier 2½ volts, 5 Amp. filament. Maximum inverse peak voltage 7500 V. at .6 Amp peak current.
2721766—Your Cost **\$2.85**

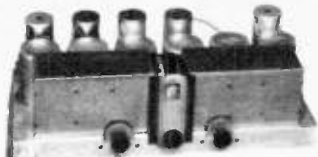
872—Half Wave Rectifier, 5 volts, 10 Amps. Filament. 7500 volts inverse peak at 2½ Amps. peak current.
2721772—Your Cost **\$11.50**

81M—Half Wave Indirect-heated Cathode Tube. 7½ volts at 1½ filament. 7500 volts inverse peak at 150 M.A. peak current. A tube with exceptionally long life, that will replace the UX 281 Filament must be applied before plate voltage as when using 866's Plate lead is also brought out thru top of tube.
2721781—Your Cost **\$3.50**

New National MB-32A Tuner

Uses the New Variable MU Tubes

Incorporating the
Latest Developments of
Glenn H. Browning
and
James Millen



High Selectivity—no tendency to cross talk. Extreme sensitivity (approximately uniform sensitivity of one micro-volt per meter over entire broadcast band).

Absolute freedom from oscillation. Elimination of tube hiss and other background noises. Rugged construction. Thorough shielding. Designed for the person who wants "the best". Makes an ideal "radio pick-up" for theatres, hotels and public address power amplifier systems. Especially designed for use with NATIONAL Velvetone Power Amplifier, but will give excellent performance with any good power amplifier. Employs four 235 Variable Mu Screen Grid Tubes and one 227.

Three California stations were received with good regularity on short antenna at Prof. Browning's laboratory near Boston during early Spring tests with a production model of the MB-32.

2N13800—MB-32W—National 5-Tube Screen Grid Tuner, completely wired and laboratory tested (less tubes). \$49.98
List Price, \$85.00. Your Cost

NATIONAL MB-29A FOUR STAGE TUNER RADICALLY REDUCED

The Famous MB-29A

Here is an ultra-sensitive, distance-getting screen grid tuner, built with a completely shielded and beautifully frosted aluminum chassis and employing three screen grid A.C. tubes. The MB-29A is highly suitable for mounting in a console or with electric phonograph combination.



The MB-29A employs three A.C. screen grid tubes in a manner that gets the full advantage of them and will pull in distant stations directly through closely crowded locals.

The tubes required for this tuner are: 3-224 screen grid and 1-227. Less tubes.

Such tremendously high, yet balanced R.F. amplification is obtained by the NATIONAL MB-29A tuner that 54 stations have been logged in one evening on a six-foot antenna.

2N13813—Completely wired and tested. List Price \$69.50 \$21.95
Your Cost

Quantity Limited—Good Only While Quantity Lasts

HERE'S THE 245 PUSH PULL AMPLIFIER

National "245" P. P. Amplifier

Designed to operate the MB-29A. Has field supply for Dynamic Speaker having 500-600 ohm field and push-pull input transformer. Ideal for general amplifier use.

Ruggedly built and handsome in appearance this National Amplifier represents this National Amplifier.

sents unusual value. Brand new and packed in original cartons.

2N13814—National "245" Push-Pull Amplifier—List Price, less tubes, \$69.50 \$19.75
Your Cost

NATIONAL VELVETONE AMPLIFIER

This Velvetone Amplifier has been designed as an universal model to permit its use with our own units and other makes of radio tuner. An unusual A and B voltage panel arrangement permits the securing of the proper voltages for the tuner with which it is used.

The circuit design is electrically the same as our VSA unit. It does not, however, supply the field voltage for a D.C. dynamic speaker. A speaker of the 110 v. A.C. dynamic type should be used with this unit.

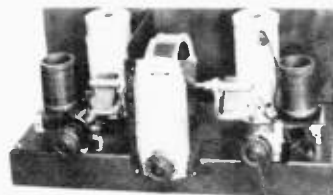
The speaker can be very easily mounted on the amplifier chassis; space has been provided for this purpose. Measurements without speaker: long, 13 ins., wide, 11 1/4 ins., high, 7 1/4 ins.

2N13815 NATIONAL Velvetone Power Amplifier, completely wired and assembled ready for use. List price, completely wired (less tubes). List \$97.50 \$57.33
Your Cost



New National 1932 5-Tube Short Wave "Thrill Boxes"

TYPES SW5 & SW45
—AC AND DC MODELS



The NATIONAL 5-tube short-wave tuners or "Thrill Boxes". Types SW5 and SW45, have been designed in response to a continuous demand for sensitive yet easily tuned (single dial control) short-wave receivers, capable of giving consistent loudspeaker reception from various foreign short-wave broadcasting stations, as well as meeting all of the stringent requirements of both the amateur and commercial operator.

Both Battery and AC power models are available. This eliminates the necessity for both A and B batteries in the majority of installations. For camps, boats, expeditions, etc., where AC power is not available, the battery model has been designed. This model makes use of the non-microphonic battery type tubes designed for this particular type of service. As a result, it is exceedingly economical on both A and B batteries.

The circuit comprises a stage of tuned screen-grid R.F. employing specially designed coupling transformer and a screen-grid detector. The 2-stage audio amplifier uses push-pull in the second or output stage. A jack is provided in the output circuit of the first stage for headphone reception when desired.

The NATIONAL 1931-2 AC Model Thrill Boxes are designed for using the UY-235 Variable Mu Screen-Grid tubes in the R.F. and Detector stages.

Four pair of R.F. transformers are furnished to cover the range from 15 to 115 meters. Special transformers are available for other ranges and are listed on the following pages.

MODELS FOR DIFFERENT TYPES OF RECEPTION

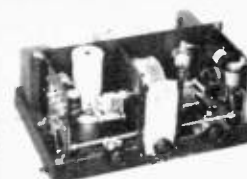
ACSW5—This model uses the heater type tubes throughout and is specially designed for technical and communication work. The tubes employed are two UY-235 variable Mu and three UY-227s (a pair of the latter tubes in the push-pull or output stage).

ACSW45—This model has been designed to use the 245 tubes in the pushpull output stage. This gives fine quality with large volume for those interested in short wave programs.

COMPLETE PARTS

	List Price	Your Cost
2N13804—ACSW5—NATIONAL complete set of parts for 5-tube AC Short-Wave Thrill Box when using '27 tubes in output stage.	\$79.50	\$46.44
2N13805—ACSW45—NATIONAL complete set of parts for 5-tube AC Short-Wave Thrill Box when using '45 tubes in output stage.	79.50	46.74
2N13806—DCSW5—NATIONAL complete set of parts for 5-tube Battery operated Short-Wave Thrill Box	75.00	44.10
We can have any of the above sets of parts wired for you by Jackson Research Laboratories at an additional list price of	10.00	5.88
When desired completely wired add the letter "W" to our catalog symbols.		

NATIONAL 1932 5-TUBE S.W. CONVERTER



This new National Short Wave Converter is designed to occupy the same high place in the Converter field as the well-known SW5 Thrill Boxes have in the Short Wave field.

It is designed to give results regardless of the type of broadcast receiver used. This is accomplished by including enough inherent amplification in the Converter itself so that it will give very satisfactory results even with insensitive receivers.

This new NATIONAL Converter employs five tubes; one 235 Variable Mu; two 224 screen grid; one 227 and one 226. It incorporates its own power supply, the 226 being the rectifier.

A novel feature is the manner of indicating the particular pair of coils in the circuit at any one time. As the wave-changing switch is thrown to the different pairs of coils in the circuit, the main dial light changes in color, showing instantly the frequency range to which the receiver is adjusted.

	List Price	Your Cost
2N13801 NC5-W—In Metal Cabinet, wired.	\$75.00	\$44.10
2N13802 NC5-S—In Mahogany Cabinet, wired.	85.00	50.97

NATIONAL POWER UNITS For Short Wave Sets

Power packs designed by National Engineers, especially for use with National Short Wave Apparatus. Humless. Completely wired. Enclosed in Crystalline finished steel cabinet.

	List Price	Your Cost
2N13807—Power Supply for ACSW5, 105-120 Volt 50-60 cycle A.C. List \$39.50 \$20.28		
Your Cost	\$20.28	
2N13808—Same for 105-120 volts 25-cycle A.C. List \$39.50 \$23.12		
Your Cost	\$23.12	
2N13809—Same for 220-230 volts 50-60 cycle A.C. List \$37.00 \$21.76		
Your Cost	\$21.76	
2N13810—Same for ACSW45, 105-120 volts 50-60 cycle A.C. List \$39.50 \$23.12		
Your Cost	\$23.12	
2N13811—Same for 105-120 volts 25 cycle A.C. List \$42.50 \$24.97		
Your Cost	\$24.97	
2N13812—Same for 220-230 volts 50-60 cycle A.C. List \$39.50 \$23.12		
Your Cost Each	\$23.12	

TELEVISION RECEIVERS AND KITS

"SEE-ALL" TELEVISION RECEIVER CHASSIS



Especially designed for use with "See-All" Televisor or similar equipment. Uses two '35s; two '24s; one '45, and one '80 tubes. Tunes 85 to 220 meters. Covers the entire bands between 85 and 220 meters, Television, Police Calls, Amateur Phone Stations, Coast Guard, etc. Resistance-coupled Amplification in first audio stage feeds into a resistance stage of Power amplification. Full vision dial for easy tuning. Output matched for Televisor or Speaker. For 110 volt, 60 cycle A.C. Completely factory wired and guaranteed.

\$2323

Lead. Less tubes, Speaker, and Televisor.
2N13826—Your Cost

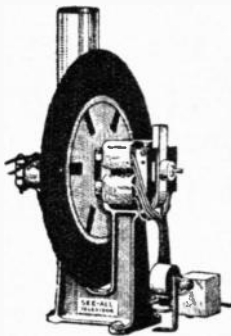
"SEE-ALL" TELEVISOR KIT

The lowest priced successful quality Televisor being sold. Easily assembled in less than 30 minutes by anyone.

Get in on the ground floor of this amazing new industry. Be among the first to see as well as hear your radio entertainment. You get all this in this kit: Complete eddy current motor; 60 line square hole double spiral scanning disc made of special alloy aluminum; Rheostat; Condenser; adjustable lamp housing and bracket; Synchronizing wheel; all necessary wiring; complete blue prints of televisor; complete blue prints of short wave receiver; detailed assembling instructions. Less Lens.

Unconditionally guaranteed against mechanical or electrical defects.

For 110 volt, 60 cycle, A. C.
2N13825—**\$1150**
Your Cost



ALUMINUM SCANNING DISC

Same as used in above Televisor. 60 line, square hole, double spiral. Made of special alloy aluminum. 12 inches diameter.

2N13829—**\$175**
Your Cost, Special

NEW "SEE-ALL" Laboratory Type Projector Disc

The disc that is used by Schools, Universities and Research Laboratories. Made from finest aluminum. 60 perfectly matched lens for projecting an image 12 inches square on screen. Unquestionably the finest disc obtainable at any price.

2N13830—**\$2450**
Your Cost, Special

TRUTEST CRATER NEON TYPE TUBE



Used in reproduction of Television pictures, in conjunction with lens type Scanning discs. Produces intense light source and can be applied for any type of optical system. Striking voltage. 180.0 Max. Current, 40 milliamperes. Approx. Crater light source .030.

2N12306—Your Cost **\$875**

G. E. NEON GLOW LAMPS

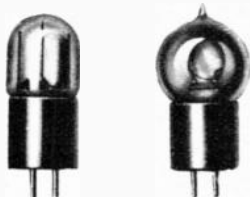
2N12303—1/2 watt 49c
2N12304—1 watt 49c
2N12305—1/2—2 watt 67c

TELEVISOR LENS

To be used in above Televisor, or any other Televisor. Shpg. Wt. 5 lbs.
2N13836—
Your Cost **\$190**



PHOTO ELECTRIC POTASSIUM AND CAESIUM CELLS



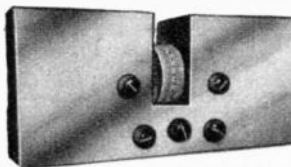
Standard UX base. Guaranteed high degree of sensitivity. An absolutely staple, non-microphonic unit, which will operate continuously over a long period of time without voltage adjustments of any kind. Potassium Photo Cell 4 inches over all.

2L12300—**\$390**
Your Cost

Caesium Photo Cell 3 1/2 inches over all.
2L12301—Your Cost **\$590**

Caesium Photo Cell 4 1/2 inches over all.
2L12302—Your Cost **\$790**

NEW "SEE-ALL" ULTRA SHORT WAVE 5 METER TELEVISION RECEIVER



Entirely new circuit designed for the Ultra-short waves, between 3 and 7 meters. Television has a definite place and a real future in the Ultra-high frequencies. Super-regenerative receivers are useless for receiving television signals in this band, due to distortion and overloads in the audio frequency stages. This receiver employs a '24 tube as first stage, broadly tuned, '24 tube as second stage, also tuned, '37 tube as detector with an optional degree of regeneration, as may be desired. Two stages of screen grid audio amplification together with '45 power output tube. The Ultra-short wave receiver is all electric and uses a voltage regulator tube and special circuit to compensate for line voltage changes. Completely shielded individually compartments. All aluminum chassis. Rainbow drum dial. Isolantite sockets and coil forms, Hammerlund variable condensers. Tone and volume controls. Completely factory wired. Less Tubes.

2N13827—**\$3528**
Your Cost

"SEE-ALL" SHORT WAVE RADIO AND TELEVISOR COMBINATION

Here is the New "See-All" Combination Short-wave receiver and Televisor. Both units are mounted in an attractive cabinet of select straight grain walnut. Size, 26x18x10 inches. Uses two '35s; one '24; one '45, and one '80 tubes. Wave Length 85 to 220 meters, covering all the television bands, Police Calls, Coast Guard, Weather Bureau Stations, Amateur Phone Stations, etc. Full vision dial, tone and volume control. Complete factory wired and tested for Television signals and images. Supplied with 6-inch lens. Less tubes and Neon Bulb.

2Y22075—Your Cost **\$3995**



DUAL SPEED CAPEHART AUTOMATIC RECORD CHANGER

33-1 3 and 78 r.p.m.



Excellent for home, public address systems and ballrooms. Equipped with the New Electrical Transcription Pick-up. Using ten of the New long playing "Victor 12" records, you can listen to 4 hours of music without a stop. Your favorite recorded selection right at your finger tips—without fuss or bother. Completely

automatic, plays 10 and 12-inch records. The last record repeats until restacked or when master switch is turned off. An encore may be had of any record merely by raising magazine to perpendicular position. Additional equipment includes a reject device and unloading lever. This Model No. 10-12C entirely fool-proof. Base dimensions 14 1/2 x 14 1/2 inches, height above mounting board 7 1/2 inches, depth below 3 1/2 inches. Shpg. Wt. 30 lbs.

2Y22076—Your Cost **\$5975**

Special Pick-Up Matching Transformers, 5 terminal, makes it possible to match the pick-up impedance with most radio sets and amplifiers. Shpg. Wt. 6 lbs.

2A403—Your Cost **\$475**

TELEVISION LAMPS

Designed to operate with an output tube in series. Will give excellent illumination with a current of 20 milliamperes or less. Can be loaded up to 80 milliamperes. Striking voltage 100. Internal resistance 1,000 ohms. With 1-inch Square Cathode.

2N12307—**\$225**
Your Cost
With 1 1/2-inch Square Cathode.
2N12308—**\$395**
Your Cost



PHOTO ELECTRIC CELL

Designed for all types of Western Electric Equipment. Very rugged in construction and has an expected life of one year and carry a six months' guarantee against defects in material and workmanship. 4 1/2 inches over-all length. 2 1/2 inches diameter.

2N12309—**\$1750**
Your Cost



Amazing Bargains in SPEAKERS



JENSEN CONCERT MODELS

Model D-16 Jensen Electro-Dynamic Speaker is the peer of all loud speakers in the eight inch cone class. Designed for use with radio sets with either large or small outputs. Has output transformer for push-pull output stage but may be used with sets having single output tube by disregarding the center tap of the transformer. 2500 ohm field. TYM-FLEX Cone. Shpg. Wt. 12 lbs. Cone diameter, 8 inches. Depth overall, 4 3/4 inches.

Model D-16 D.C.

2W19238—For '45s. **\$3.95**
2W19239—For Pentodes.

Model D-16 A.C.

For 110 V. 60 Cyc. Dry Rectifier
2W19240—For '45s.
2W19241— **\$10.00**
For Pentodes

Concert Model D-9

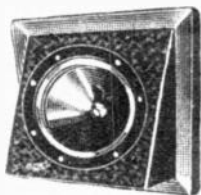
The Jensen D-9 is similar to the above except that it has 10 inch cone. Push Pull output. 2500 ohm field. Overall size 11 1/2 inches high Shpg. Wt. 14 lbs.

Model D-9 D.C.

2W19242—For '45s. **\$5.75**
2W19243—For Pentodes.

Model D-9 A.C.

110 V. 60 Cyc. Dry Rectifier.
2W19244—For '45s.
2W19245— **\$13.75**
For Pentodes



RCA PHOTO-PHONE

Designed for use in Western Electric Sound Installations. One of the most powerful Reproducers ever built. Nothing better for public address use. A monster in size and output. Will handle an undistorted output of 15 watts. Field resistance 1000 ohms. Voice coil 8 ohms at 1000 cycles. Over-all diameter 15 inches. Shpg. Wt. 110 lbs.
2W19203—For D.C. field supply. List. \$110.00 **\$7.50**
Your Cost Each

2W19204—For A.C. operation, same as above except designed for use with two 280 rectifier tubes in field exciting system operating from 110 volt 50-60 cycle A.C. supply. Complete less tubes **\$12.25**
Your Cost Each



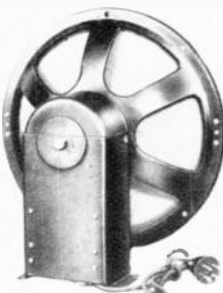
GENUINE RCA 106 DYNAMIC SPEAKER

One of the latest and finest speakers from the RCA factory at better than 80 per cent off! Equipped with the famous RCA 106 Dynamic Speaker. Unsurpassed for Tone and Volume. The A.C. model is equipped with WESTINGHOUSE DOUBLE RECTIFYING ELEMENTS. Both have single output transformers. 500 ohms field. Diameter of cone 8 inches. Beautiful cabinet of choice gum and walnut veneers. Genuine wood carvings used throughout. Front and sides of gorgeously patterned tapestry. American walnut finish. Size 34 1/2 inches high, 22 3/4 inches wide, 10 3/4 inches deep. Shpg. Wt., 80 lbs.

2Y19752—A.C. Model Complete in Cabinet. **\$12.50**
Your Cost Each

RCA MODEL 106 DC Chassis

The RCA Model 106 continues to be one of the most popular Dynamic Speakers on the market. Noted for its smooth rattle-free operation. Complete with output transformer wound to match any single output tube including the 250. Voice coil impedance 12 to 15 ohms. Field 1000 ohms. 10 1/2 inch overall cone diameter. Compare our new low price. Shpg. Wt., 18 lbs.
2W19207— **\$3.95**
Your Cost Each



MAGNAVOX CONCERT DYNAMIC SPEAKER

A big, full size speaker. 11 3/4-inch baffle opening. 2500 ohm field. Has output transformer. Can be used on sets providing field supply or directly from 90-120 volt D.C. Gold lacquer finish. Size 11 3/4 inches high, 6 inches deep. Complete with plug and speaker cord. Shpg. Wt., 13 lbs.
2W19228—For single 571, '45 **\$3.75**
or '50. Your Cost
2W19227—For Push-Pull '71, '45 or '50. Your Cost **\$4.25**
2W19228—For Pentode either single or push-pull. Your Cost **\$4.25**



TEMPLE AC DYNAMIC SPEAKER

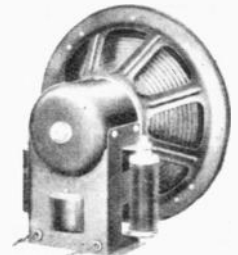
Temple Speakers are designed and constructed especially for use with modern high output Radio Receivers. Special cone and small conical part for high notes and flat outer ring for heavy notes. One piece diaphragm. Rugged heavy construction throughout. Special construction of coils make it supersensitive. Gives perfect reproduction of the entire audible range. Has output transformer for single '45 or '71. For A.C. 110 50-60 cycle. Dry Rectifier Type. Humless. Shpg. Wt., 24 lbs. List price, \$39.50.

2W19202— **\$5.75**
Your Cost Each



RCA 103 SPEAKER

The RCA model 103 is flawless in tone and has volume not ordinarily found in magnetic reproducers. It will carry a tremendous load without choking or rattling. The frame is made of one piece composition in beautiful carved, antique oak finish. Speaker opening is covered with attractive tapestry design. Size 15 inches high, 13 1/2 inches wide. Shpg. Wt., 13 lbs. Complete with pin tip speaker cord.
2W19208—RCA Model 103 Speaker complete. List Price, \$37.50. **\$2.95**
Your Special Price



UTAH STADIUM DYNAMICS

12 1/2 Inch Cone

The Utah Stadium Dynamic Speakers offer the closest approach to the ideal that present day engineering knowledge and manufacturing skill can produce. Their power is tremendous and their tone is as clear and flawless as a bell. A.C. Model equipped with genuine Westinghouse high voltage rectifier.

MODEL 66-B For 110 volt 50-60 cycle A.C. Shpg. Wt., 24 lbs. List Price, \$45.00.
2W19215—For Single '45 output. **\$6.90**
2W19216—For pushpull '45s. Special Net Price.

Each
MODEL 76-D For 110 volts D.C. Field 2500 ohms. List Price, \$35.00.
2W19217—For Single '45 output. **\$5.25**
2W19218—For push-pull '45s. Either Model. Net Each

ROLA "K" Dynamic \$4.95



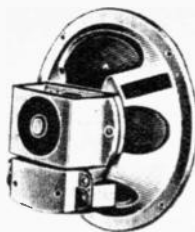
Listed below are the most attractive values ever offered in Dynamic Speakers. Quantities are limited and we urge early ordering. Genuine Rola Dynamic. All for D.C. operation. Available for single or push-pull operation. State which one desired.

Stock No.	Model	Cone	Your Cost
2W19221	K-6	6 In.	\$4.95
2W19222	K-7	7 "	4.75
2W19223	K-9	9 "	5.75

Stewart-Warner Dyphonic Electric Speaker Chassis



Here, without doubt, is one of the most sensational speaker bargains ever offered in the history of radio. Stewart-Warner a name with a history of remarkable success—offers a remarkable product at a remarkable price! Backed by a 50 million dollar company. This excellent speaker gives clear dynamic tone and volume, without distortion. Sturdily, compactly built. Cadmium coated against rust. Individually packed in original sealed cartons for your protection **\$1.95**
2W19214—Your Cost



NEW MAGNAVON DYNAMIC SPEAKERS

Magnavox, leaders in the Radio Reproducer field, have just announced these new units. A complete range of prices and sizes are included—midgets, consolettes, consoles or clock types as well as automobile speakers. There are two powerful speakers for Public Address Systems. Each model offers richer tonal response throughout the entire frequency range—the result of continuous refinement. New models are more compact and efficient.

MODEL 150

An exceedingly compact yet powerful reproducer especially suitable for midgelet type receivers. Cone diameter 6½ in. Depth 4 ins. Handles 5 watts without distortion.

2W19326—For P-P or Single '45s.
2W19328—For Single '47.
2W19327—For P-P '47s.
2W19328—For Parallel '47s.
List. \$10.50 (either type) **\$4.17**
Your Cost Each

MODEL 154

Cone diameter 8 inches, overall depth 4½ inches, handles 7 watts. An ideal unit for consolettes.

2W19329—For P-P or Single '45s.
2W19330—For Single '47.
2W19331—For P-P '47s.
2W19332—For Parallel '47s.
List. \$10.00 (either type) **\$4.90**
Your Cost Each

MODEL 152

Cone diameter 10½ inches, overall depth 5 inches. Handles 10 watts without distortion. An unsurpassed unit for the more powerful receivers.

2W19333—For P-P or Single '45s.
2W19334—For Single '47.
2W19335—For P-P '47s.
2W19336—For Parallel '47s.
List. \$12.50 (Either Type) **\$6.12**
Your Cost Each

MODEL 153

Cone diameter 12½ ins. Depth 5½ ins. Handles 12 watts. A very powerful and efficient unit.

2W19337—For P-P or Single '45s.
2W19338—For Single '47.
2W19339—For P-P '47s.
2W19340—For Parallel '47s.
List. \$15.00 (Either Type) **\$7.35**
Your Cost Each

MAGNAVON Public Address Speakers



These giant units handle 25 watts without distorting or overloading. Having a comparatively flat frequency response of from 40 to 6000 cycles they represent the finest quality public address units to be had at anything near the price. Cone diameter 14 inches, height overall, 14½ in., depth, 8½ inches. Have input transformers and are available in types to match all standard impedances.

FOR 110 VOLTS D. C.

2W19346—For P-P '45s.
2W19346—For P-P '50s. (Either Type).
Your Cost Each **\$21.18**
Net weight 33 pounds

FOR 110 VOLTS 50-60 Cycle A.C.

(Dry Rectifier)
2W19347—For P-P '45s.
2W19348—For P-P '50s. (Either Type)
Your Cost Each **\$35.28**
Net weight 40 pounds.

NEW MAGNAVON Auto Speaker

New tone quality, new practicality of design distinguish this new reproducer for the automobile radio. Never has such tone quality—full, true, rich—been possible with the old-type units. Magnavox has mastered this tone problem, the most difficult in radio, with this new Dynamic Speaker. Single stud mounting renders installation easy on any dash. Rugged dust-proof design makes this speaker a match for the punishment that automobile radios must stand. Attractively and durably finished wood case. Shpg. Wt. 12 pounds.

2W19341—For Single '38s.
2W19342—For Push-Pull '38s.
List \$12.50. Your Cost Each
2W19343—Speaker Less Case, for Single '38.
2W19344—For P-P '38. Your Cost



\$6.12

\$4.17



OPERADIO DYNAMIC SPEAKER

Operadio, long noted for their super-powerful public address Speakers offer a new unit for the home radio. New method of mounting field coil provides for larger coil while space occupied by speaker is actually diminished.

2500 ohm field. Output transformer for single '45 or Push-Pull Pentode. Extra heavy construction. Aluminum finish. Size of baffle opening, 8½ inches. Overall depth 5 inches. Shpg. Wt. 10 lbs.
2W19260—For Single '45
2W19261—For Push-Pull Pentodes. **\$23.5**
Net

WRIGHT DE COSTER JUVENILE

This new Wright-De Coster Juvenile has a maximum power handling capacity of 6 watts and is suitable for installation in practically all sound and reproducing instruments to be used indoors. It has a standard field resistance of 2000 to 4500 ohms and its output transformer matches all combinations of push-pull Cone is 10 in. in diameter, outside measurement 12½ in. depth 18 in. x 16 in.

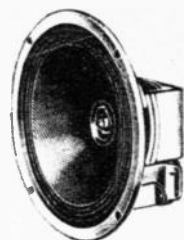
D. C. MODELS: 2500 ohms field.
2W19309—For Single or P-P '45s.
2W19310—For Single '47s.
2W19311—For P-P '47s.
2W19312—For Parallel '47s.
List \$16.50. Your Cost



\$9.70

LAFAYETTE DYNAMIC SPEAKERS Licensed Under Magnavox Patents.

Vastly improved Dynamic Speakers designed and manufactured under the supervision of Magnavox engineers—yet lower in price! With purer, sweeter tone, greater power handling capacity and more rugged construction through. Lafayette Dynamics now take their place in the front rank of Radio's finest. There is a size and a type for every requirement, every one of which will give you a new conception of speaker performance. 1800 ohm tapped at 300, or 2500 ohm field. For 110 volt or 6 volt D.C.



MODEL "MA"

A compact and powerful little unit only 6½ inches in diameter and 4 inches deep. Nothing better for small midgets. Handles 5 watts. Shpg. Wt., 8 lbs.

2W19280—For Single or P-P '45s.
2W19281—For Single '47.
2W19282—For P-P '47s.
2W19283—For Parallel '47s.
List. \$8.50. **\$3.00**
Your Cost

Also available for 6 volt D.C. at same price. Specify type.

MODEL "MB"

A slightly larger unit than the above. Suitable for larger midgets and consolettes. Cone diameter 8 inches. Depth, 4½ inches. Shpg. Wt., 9 lbs.

2W19288—For Single or P-P '45s.
2W19289—For Single '47.
2W19290—For P-P '47s.
2W19291—For Parallel '47s.
List \$10.00. **\$4.00**
Your Cost

Also available for 6 volt D.C. at same price. Specify type.

MODEL "MC"

The most popular size for console model radio receivers. 10½ inch cone, 5 inches deep. A reproducer that will improve the performance of any set in which it is installed. Shpg. Wt., 10 lbs.

2W19284—For Single or P-P '45s.
2W19285—For Single '47.
2W19286—For P-P '47s.
2W19287—For Parallel '47s.
List \$12.50. **\$5.00**
Your Cost

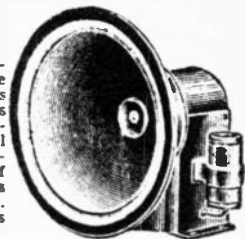
MODEL "MD"

A giant speaker especially designed for de luxe radio installations. The finest we have ever offered in its class. 12½ inch cone, depth 8 inches. Shpg. Wt., 11 lbs.

2W19292—For Single or P-P '45s.
2W19293—For Single '47.
2W19294—For P-P '47s.
2W19295—For Parallel '47s.
List. \$15.00 **\$6.00**
Your Cost

WRIGHT-DE COSTER P-A SPEAKERS

No finer reproducer has ever been designed for public address work than the famous Wright De Coster. With its operating flux of 145,000 magnetic lines in the air gap extreme sensitivity without distortion is assured. On official tests these units have handled amplifiers having an undistorted output of 45 watts without developing any rattles or showing signs of breaking down. Dimensions: 12 inches wide, 9¼ inches deep, 12½ inches high.



MODEL 207: For 115 volt 25-50-60 cycle A. C. with output transformer. List \$72.50.
2W19300— **\$42.63**
Your Cost

MODEL 205X: For 110 volt D.C. 750 ohm field. With output transformer. List \$52.00.
2W19301— **\$30.58**
Your Cost

MODEL 205XX: For 220 volt D.C. 2500 ohm field. With output transformer. List \$52.00.
2W19302— **\$30.58**
Your Cost

MODEL 215: (10 in. cone) For 220 volt D.C. 2500 ohm field. With output transformer. List \$34.00. **\$19.99**

2W19303—Your Cost
MODEL 215X: (10 in. cone) For 110 volt D.C. 750 ohm field. List \$34.00. **\$19.99**
2W19304—Your Cost

MODEL 208: Same as Model 207 except without output transformer. List \$48.50. **\$40.28**
2W19306—Your Cost

MODEL 206X: For 110 volt D.C. 750 ohm field. No output transformer. List \$47.00. **\$27.64**
2W19307—Your Cost

MODEL 206XX: For 220 volt D.C. 2500 ohm field. No output transformer. List \$47.00. **\$27.64**
Your Cost

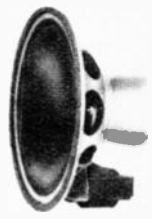
MODEL 217: (10 in. Cone) For 100-120 volt A.C. 25-50-60 cycles. With output transformer. List \$50.00. **\$29.40**
2W19308—Your Cost

Prices quoted for Wright De Coster Speakers apply in the United States only.

WRIGHT DE COSTER INFANT

The Infant is made for the set-makers wanting quality in a small sized speaker. It is capable of handling 245 tubes in push-pull with surprising results. Cone is 6 ins. in diameter. Overall dimensions 8¼ in. high, 4½ in. deep.

D. C. MODELS 2500 ohm field
2W19313—For Single or P-P '45s.
2W19314—For Single '47.
2W19315—For P-P '47s.
2W19316—For parallel '47s.
List \$9.00. Your Cost **\$5.30**



LAFAYETTE 250 PUBLIC ADDRESS SYSTEM

With Loftin-White "250" Push-Pull Amplifier



2P15745—Lafayette 250 Loftin-White System Complete as described: **\$112.50**
less tubes—Your Cost

2P15749—Complete set RCA Tubes for above (one '24-A, two '50s and two '81s—Your Cost **\$13.88**

No finer equipment obtainable at any price than this Lafayette PA-250 outfit. Everything needed to install a Public Address System of tremendous power and wonderful tone quality, including full directions to make the few simple connections necessary for its installation. Ideal for Auditoriums, Theatres, Lodge Halls, Schools, Clubs, Cafes, Dance Halls, or other indoor gatherings where as many as 3000 persons must be reached. Equally well suited to outdoor gatherings such as Athletic Games, Picnics or Conventions, also. Only the very finest units are included, the Lafayette DeLux 250 Loftin-White push-pull Amplifier described on page 25 providing the nucleus of the installation. The Lafayette Senior two-button microphone furnished is of the improved stretched diaphragm type and having a frequency response of from 30 to 9000 cycles is equally well suited to voice and music. The Microphone Control Unit provides for the proper adjustment to obtain perfect results from a wide variety of conditions under which such a system must function. Microphone Stand is of the floor type and is beautifully and durably finished in statuary bronze. Other Accessories are comparable in quality to the above described units. The Systems PA 250 and PA 251 are identical with the exception of the Microphone Control Box. In the case of the PA 251 this unit is provided with an extra 227 tube acting as a pre-stage ampli-

fier for the Microphone. This additional amplification of the Microphone output increases the efficiency of the system considerably and we recommend it to all who care to stand the slight additional cost. Tubes required one '24, two '50s and two '81s. For 105-120 v. 50-60 cycle A.C.

COMPLETE 250 PUSH-PULL PUBLIC ADDRESS SYSTEM INCLUDES:

- 1—Lafayette Loftin-White 250 Push-Pull Amplifier as described above.
 - 1—Lafayette Senior double button Microphone.
 - 1—Microphone Control Box complete.
 - 1—Adjustable Microphone Stand (39 to 68 inches).
 - 2—RCA 106 Dynamic Speakers.
 - 1—25-ft. Microphone cable.
 - 1—20-ft. Speaker cable.
 - 2—Microphone Batteries.
 - 8—Microphone Suspension Springs.
 - 1—Set Complete Instructions with Diagrams.
- 2P15748**—Lafayette 251 Loftin-White System, same as "250" System except has microphone Pre-Amplifier stage built in Control Box. **\$119.50**
- Your Cost, less tubes.....
- 2P15750**—Complete set RCA tubes for above (one '27, one '24-A, two '50s and two '81s—Your Cost..... **\$14.47**
- 2P15751**—DeLux Microphone Floor Stand, a heavier model than the stand regularly furnished; if desired— **\$5.00**
- Extra.....

LAFAYETTE MODEL "A" INTER-OFFICE SYSTEM

Comprising the following

The Lafayette Inter-Office Communications system—Model A—comprises a genuine, licensed Loftin-White direct coupled amplifier that operates directly from the 110-volt 60-cycle alternating current lighting circuit. The amplifier is self-contained and is controlled by a separate Control Box which controls the gain or volume of the amplifier. Enclosed in the Control Box is a 2-button mike transformer, pilot lights, switches for mike current and A.C. lines. A desk-stand type double button microphone is supplied together with all accessories so that a complete installation can be made within a very short period. The loud speakers are placed at strategic points where they can be heard by the men who will be most apt to be called when needed.

Model A comes with one loud speaker, whereas two, three or four may be required. Hence Model B is supplied with two speakers at an additional cost of \$8.50. We do not advise using more than three dynamic speakers with a single amplifier but should more than three speakers be required, a separate amplifier should be employed with every three speakers. If in doubt as to the equipment you'll need to meet a certain condition, let us help you estimate an installation to give you desired results.



- 1 Lafayette Loftin-White "245" DeLux Amplifier..... **\$13.95**
 - 1 Special D.C. Dynamic Speaker in Gothic Cabinet..... **8.50**
 - 1 Microphone Control Box, which also controls all A.C. to Amplifier and Speaker..... **12.50**
 - 1 Special Double Button Microphone Type X..... **5.88**
 - 1 Special Desk Stand..... **4.75**
 - 1 12-ft. Microphone Cable..... **.70**
 - 1 20-ft. Speaker Cable and Connector..... **.50**
 - 2 Microphone Batteries..... **.70**
 - 8 Microphone Springs..... **N.C.**
- 2P15747**—Complete Less Tubes **\$46.78**
- Your Cost.....
- 2P15748**—Complete set of RCA tubes for above (one 280, one 224-A and one 245)—Your Cost..... **\$2.17**
- COMPLETE INSTRUCTIONS AND DIAGRAMS FURNISHED FREE WITH EACH OUTFIT.**

If desired this system may also be used as an ideal phonograph amplifier, by simply removing the microphone and inserting a Lafayette phonograph pick-up. Once installed, there is no fur-

ther cost. The total current consumption of the amplifier from the electric line is but 43 watts, which when figured on a ten-hour per day basis amounts to a cost of less than \$1.00 per

month. Tubes generally last more than a year and the microphone batteries will easily last that long. No attention is required and the operator has a simple rule of instruction to follow. In the morning, the amplifier is turned "on" and is left that way all day. A tell-tale pilot light shows that it is "on." Should someone at the information window desire to see a particular party, she simply switches "on" the microphone and announces "Mr. Jones—Mr. Smith to see you."

Or, "Call for Mr. Edwards at the main desk." Simplicity of construction and wiring make these systems readily adaptable to any given condition. Hence they are finding popular demand where a telephone extension alone cannot accomplish the desired results. Out-of-the-way places, in large plants, stock rooms, dormitories, lavatories, closed chambers, basements, cellars, attics and in nooks and corners, an important message is bound to reach the ears of the most elusive and ever-busy executive.

A volume or gain control incorporated in the control box affords a varying degree of speech amplification suited for the conditions. Any component part may be purchased separately.

LAFAYETTE PORTABLE PUBLIC ADDRESS SYSTEM



2P15756—Carrying Case Only **\$5.00**
Your Cost

This small portable public address system is designed for use with audiences of from 500 to 1000 people. It is supplied in a leatherette carrying case measuring 15 inches high by 15 inches long by 10 inches deep. The carrying case is so designed that it houses the portable hand microphone, microphone batteries and all extension cords. The back of the case as well as the front of the case is removable, in order to insure proper ventilation for the tubes, when the system is operating. When the system is being transported, all of the controls and loud speaker are protected by the carrying case, in view of the two covers employed.

The control panel is of engraved bakelite and incorporates the following features: Microphone gain control, microphone button current control, a meter for reading the button current, phonograph tip jacks, a switch enabling microphone or phonograph to be supplied to the input of the amplifier and the AC on and off switch. A complete list of the equipment employed is as follows:

- 1—Lafayette Loftin-White 245 or 247 pentode amplifier (specify type desired).
 - 1—Lafayette dynamic speaker.
 - 1—High grade double button hand microphone of the stretch diaphragm type. The frequency response of this microphone is from 70-5000 cycles.
 - 1—25-ft. AC extension cord and one 25-ft. microphone cord.
 - 2—No. 6 dry cells for microphone supply. The total weight of this system including the above mentioned equipment is approximately 35 lbs. Only the best materials are used throughout.
- 2P15752**—For 245s. **\$59.50**
- 2P15753**—For 247s. (less tubes).....
- 2P15754**—Complete Set of RCA Tubes for 245 model (1-224-A, one 245 and one 280)..... **\$2.18**
- Your Cost.....
- 2P15755**—Complete set of RCA tubes for Pentode Model (one 224-A, one 247 and one 280)..... **\$2.44**
- Your Cost.....

LAFAYETTE AMPLIFIERS



"Loftin-White" 250 Push-Pull

The Lafayette 250 Push-Pull Amplifier has been designed to take full advantage of the possibilities of the famous Loftin-White principle and is recommended to those requiring greater power and coverage than that provided by the smaller unit described above. By means of its unique circuit, volume has been obtained that exceeds that of any amplifier on the market using an equal number of tubes. Its stability of operation is amazing and trouble usually arising from unmatched 250s is completely eliminated. With its enormous undistorted output of over 15 watts, it will provide ample volume to cover audiences of 2,000 to 3,000 persons. Its frequency characteristic between 30 and 8,000 cycles is comparatively flat as the curve taken on the amplifier shows only 4 DBs drop at 10 KC. a remarkable performance. Its gain is 65 DBs at 400 cycles. Necessary input for maximum undistorted output 330 millivolts. Input circuit capacitance coupled into the grid of the '24. A novel feature of this up-to-the-minute Amplifier is its dual output circuits of 500 ohms and 4,000 ohms. This adapts it for line transmission work as well as high impedance speakers. Power consumption 190 watts at 110 volts 60 cycles. Engineered in our own laboratory in collaboration with Loftin-White staff. Built of the very finest components obtainable. Fully guaranteed for SIX MONTHS against electrical and mechanical defects. Will operate eleven full size dynamic speakers at full capacity. Tubes required, 1-'24, 2-'50s and 2-'81s. Size, 1 1/2 inches deep, 20 inches long, 8 inches high.

2P15742—Lafayette Loftin-White 250 Push-Pull Amplifier, completely wired and tested for 105-120 volt 50-60 cycle A.C. Less tubes.

Your Cost Each \$42.50

2P15743—As above for 105-120 volt 25-40 cycle A.C. Completely wired. Less tubes.

Your Cost \$52.50

2A401—SPECIAL MATCHING TRANSFORMER for matching 500 ohm line of above Amplifiers to 5-15 ohm voice coil.

Each \$9.75

"Loftin-White" 245

This baby giant of Amplifiers will deliver more power, tube-for-tube and preserve a more uniform frequency response curve than any similar piece of apparatus on the market. Designed upon the most advanced of present day engineering principles, it is positively in a class by itself in the field of sound amplification. Its frequency response between 30 and 8,000 cycles has a variation of but 3 DBs. Gain at 400 cycles 54 DBs. Maximum undistorted output 3 to 4 watts (sufficient to operate 4 full size Dynamic Speakers or 10 Magnetic Speakers at their full capacities.) The necessary input for maximum output is 175 millivolts. Output impedance 4,000 ohms and is directly from tube. Power consumption 40 watts at 115 volts 60 cycle. This amplifier developed in our own laboratories with the full cooperation and technical advice of Loftin-White staff. In its manufacture only components of the very finest quality are used. Its filter circuit employs two 1,000 volt Flechtheim and an Aerovox dry electrolytic condensers—units that insure long and trouble-free operation and perfect filtering. Special plus or minus 5% resistors are used in plate and grid circuit. Oversize Power Transformer and Chokes, designed in conformity with highest R.M.A. standards. Pressed steel frame in attractive black crystalline finish. Tubes required, 1-UY 224, 1-UX245 and 1-UX280. Size, 6 x 8 x 7 inches. An Ideal Amplifier for those requiring a compact unit for ample coverage of indoor gatherings of 1,000 or less persons. Suitable for Microphone or phonograph reproduction. No output transformer included. Shpg. Wt. about 17 pounds. For 105-120 volt 50-60 cycle A.C.

2P15740—Lafayette 245 Loftin-White Amplifier. Completely wired and tested. For 105-120 volt 50-60 cycle A.C. Less Tubes.

\$13.95

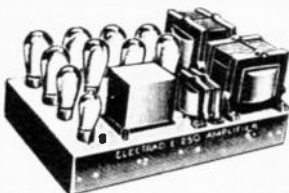
2P15741—Lafayette Pentode Loftin-White Amplifier—as above except using 247s instead of 245s in output stage. Less Tubes.

Your Cost Each \$15.95

Above amplifiers are for A.C. Speakers; if required can be furnished at same price for D.C. speakers having field resistance of 2500 ohms. Specify type desired.



ELECTRAD E-250



4 STAGE AMPLIFIER

A giant in power, yet compact, the E-250 direct coupled Amplifier is suitable for installations requiring a tremendous power output to cover exceptional areas or to overcome high noise levels such as in airports, convention halls, ball parks, etc. By utilizing four 250 tubes in a special push-pull parallel circuit an undistorted output of 21.9 watts is realized. This is sufficient to supply 20 dynamic speakers. Input may be taken from a high impedance phono pickup, a microphone or a radio tuner. The coupling to radio may be either resistance in capacity or transformer. Gain at 1,000 cycles—76 db; primary watts 315; input to grid of '24. Tubes used, 1-'24, 1-'45, 4-'50s and 4-'81s. Size, 23 inches long, 15 inches wide, 10 1/2 inches high. Net weight 115 pounds. For 110 volt 60 cycle A.C.

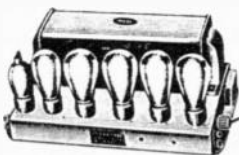
2P15735—List (less tubes) \$195.00.

Your Cost \$114.66

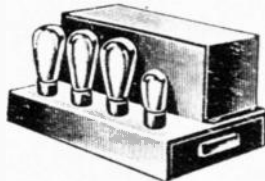
SAMSON PAM 80

The PAM 80 is a combined voltage and power amplifier with facilities for additional power amplification and the supply of energy for microphone operation. It replaces at less than half the price, voltage and power amplifiers that were formerly made separately. The PAM 80 has a tremendously high amplification, providing about twice the gain in db's of any other amplifier of its power. Operates from a source of which the output is as low as 0.2 volts or of which the impedance is as high as 500,000 ohms. Has an undistorted audio frequency output of 9.3 watts. Number of stages, 3; gain 104.9 decibels; maximum input volts for above output .16 r.m.s.; rated load impedance 4,000 ohms; (efficiency decreases below 2,000 ohms and above 4,000 ohms. Distortion increases below 4,000 ohms). Tubes used, 1-'24, 1-'45, 2-'50s and 2-'81s. Dimensions, 16 1/4 In. long, 9 1/4 In. deep, 7 1/2 In. high. Net weight 22 lbs. List (less tubes) \$97.50.

2P15730—Your Cost Each \$57.33



THORDARSON "250" AMPLIFIER



A high quality "250" Amplifier designed primarily for connection at the detector tube of any radio receiver. Voltage amplification 275 times the input with maximum power of 4,650 milliwatts. Has two stages of amplification for type '27 in the first stage and a type '50 in the second stage. Two type '81 rectifying tubes are used. Electrical units are protected by cartridge fuses and automatic safety switch. Provides plate voltage for receiver from a series of taps on the amplifier. May be connected directly to a dynamic speaker containing the usual coupling transformer, or directly to the terminals of any magnetic speaker. Furnishes field current to dynamic speakers having a high voltage field. Steel base, size 15 1/4 inches long, 10 1/4 inches deep and 8 1/4 inches high. Shpg. Wt., approximately 42 lbs. For 110 volt 50-60 cycle A.C.

2P15737—List Price, \$89.50

Your Cost Each \$19.50

LAFAYETTE



D.C. AMPLIFIER

A 110 volt D.C. Amplifier built on the new positive grid principle which gives an undistorted power output greatly in excess of that possible with any other type D.C. amplifier. Has a frequency response of 60-1000 cycles and an undistorted output of 3 1/2 watts. Gain 80 db. Suitable for microphone, phonograph or radio input; has binding posts for two button microphone and for high impedance pickup. Provides button current for microphone and has switch to turn current on and off. Circuit consists of 3 stages—a single '27 in the first, 2 '37s in push-pull in the second and 2 '38s in special push-pull in the last. Output impedance for 15 ohm voice coil. Built-in Volume Control. Aluminum finished case 12 x 8 x 6 1/2 inches. Tubes used, 3-'37s and 2-'38s. Requires small "C" battery for operation.

2P15744—Your Cost Less Tubes \$37.50

Each

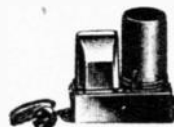
SAMSON MIK 80

Microphone Coupling Unit

The MIK 80 is designed for use solely with PAM 80. Taking advantage of the high amplification of PAM 80, it requires no tubes. It comes equipped with a cord and plug for attachment to PAM 80 through which it gets its power supply. It operates entirely from A.C., including button current supply. A 1000-ohm variable volume control is provided, but not built into the unit for the sake of portability and convenience. Terminals for microphone are color coded.

2P15731—List Price, \$22.50

Your Cost Each \$13.33



Consult us for Power Amplifiers not listed on this page. We maintain a special Public Address Engineering Staff and are equipped to design and build Sound Installations to meet any special requirement. Our New York City installations include Central Opera House, Ridgewood Grove Athletic Club, R.C.A. Institute and Longacre Theatre.

SPECIAL BARGAIN PRICES ON THESE ITEMS!



WARD Police Reporter

Connects to any electric radio and extends tuning range down to include wave lengths used by police broadcasting stations. Provides a very thrilling addition to radio enjoyment. Can be used on sets having either '24 or '27 detector tubes. Full directions furnished. Can be connected by any one in a few moments. Has oscillation control which smoothes out whistles. Produces clear signals.

2R17070—List \$3.50. \$2.05
Your Cost Each.....



High Grade SWISS COMPASS

A fine ruby jeweled instrument for precision purposes. Frame is made of solid Parkerized bronze. Scale is polished silver finished and graduated in 1/10th degrees. Has system of sights by means of which bearings are taken and elementary surveying done. Has thumb screw for locking pointer when not in use. Hardwood case with spring catch. Size 4x4x1 1/2 in. Shpg. Wt. 4 lbs.

2M13454— \$4.50
Your Cost



A very fortunate purchase enables us to offer these reliable carbon Resistors at unbelievably low price. Only Ohmages listed below available at these bargain prices. Order at once.

1-WATT	
Stock No.	Ohms
2E5085	200
2E5086	400
2E5087	500
2E5088	1000
2E5089	1200
2E5090	1500
2E5091	2000
2E5092	2250
2E5093	3000
2E5094	3350
2E5095	15000
2E5096	30000
2E5097	70000
2E5098	1 Meg.
2E5099	1.5
2E5100	2.0
2E5101	2.5
2E5102	3.0
Your Cost	
Each	03c
Per Hundred \$2.25.	

PORTABLE — DUAL SPEED ELECTRIC MOTOR AND PICK-UP



appearance with padded top. Size 13x18x7 ins. high. For 110 volt, 60 cycle operation. Shpg. Wt. 35 lbs.
2Y22031—List, \$60.00. Your Cost, Special, \$25.95

Special Portable Electric Phonograph

A very efficient and attractive Portable Electric Phonograph at a very low price. Consists of a genuine G.E. Synchronous Motor with a 10-inch turntable, and an Audak Chromatic Pickup mounted in a substantial case covered with grained Fabrikoid. Records reproduced on a turntable driven by this motor have exactly the same pitch as that of the instruments which recorded them, because motor is synchronized to turn at exactly 78 R.P.M. Requires slight turn of turntable to start motor. Has Volume Control. Size 12x15 1/2 x 7 ins.

2Y22029—Your Special Price \$14.50

RCA-VICTOR BALANCED PICK-UP



The RCA-Victor 200 ohm balanced pickup used in the late models of RCA-Victor receivers. Adapted for power amplifiers and other radio sets. Complete with special matching transformer and radio-phono. switch, and volume control.
2A140—Your Cost, \$6.50
Special

Sapphire Recording Needle



Made by a lapidary, very fine stone. A superior needle for recording purposes.
2M13441— \$2.25
Your Cost each

Automatic Counters

3 FIGURES

NET **\$2.40**



Useful in many ways for registering and counting. Pressure on button causes total to be advanced one with each stroke and correct total to be indicated on visible dial on face of instrument. Has ring for holding on finger or thumb. May be attached between handles of ticket punch also. Model with stand illustrated; others same except perfectly round.

2M13450—3 Figure without stand. List \$4.00. \$2.40
Your Cost

2M13451—3 Figure with stand. Your Cost \$2.70

2M13452—4 Figure with stand. Your Cost \$3.00

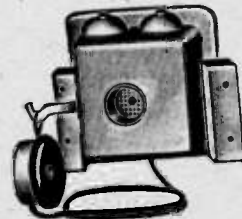
2M13453—4 Figure with stand. Your Cost \$3.30

"VANITY" PORTABLE



For SEASHORE AND MOUNTAINS: A splendid portable in a "watch thin" case. Equipped with Master, Jr., motor which plays two records with one winding. The reproducer is of Peerless' own manufacture and gives an exceptional volume and tone for so small an instrument. The hardware is nickel plated throughout. Covered in smart, two-tone Fabrikoid. Size 12x13 x 4 1/4 ins. Shpg. Wt. 12 lbs.
2Y22030—Your Cost \$6.75
Special

CONNECTICUT TELEPHONES



Connecticut convenience phones afford the easiest, simplest and most inexpensive means of communicating between two neighboring points. Will operate efficiently up to 1,000 feet. Any one can install them. Requires only two ordinary dry batteries at each phone for operation. Cases of heavy gauge steel finished in light green duco. Ideal for home, office, shop, factory or farm use. Packed 2 to the box. Full directions are included. List, per pair, \$7.50.
2M13440—Shpg. Wt. 6 lbs. \$5.50
Your Cost, Per Pair, Special,

BARGAIN CARBON RESISTORS

2-WATT	
Stock No.	Ohm
2E5050	500
2E5051	600
2E5052	700
2E5053	800
2E5054	1000
2E5055	1100
2E5056	1500
2E5057	2000
2E5058	3000
2E5059	4000
2E5060	5000
2E5061	6000
2E5062	7000
2E5063	8000
2E5064	9000
2E5065	10000
2E5066	12000
2E5067	13000
2E5068	14000
2E5069	15000
2E5070	16000
2E5071	17000
2E5072	18000
2E5073	19000
2E5074	20000
2E5075	30000
2E5076	35000
2E5077	40000
2E5078	45000
2E5079	50000
Your Cost Each	
50c. Per Dozen	05c

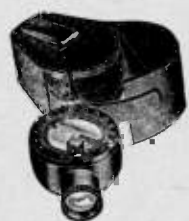
RCA-VICTOR DUAL TURNTABLE



The finest device of its kind on the market. Genuine RCA Victor make. Together with suitable amplifying system and speakers, this device provides ultra-fine entertainment for schools, theatres, and similar public gatherings from phonograph records. No delay for changing records necessary since one record may be selected and placed on idle turntable while the other is functioning. Motors are the best obtainable and are perfectly quiet in operation. Pickups are of the low inertia type with a minimum of friction and wear to records. Tone arms and turntable bases beautifully finished in gold. Genuine walnut cabinet with piano finish. 12-inch turntables. Automatic stop and speed control adjustment. For 50-60 cycle 105-120 volt alternating current. Size of cabinet 21x29 1/2 x 10 3/4 inches high.

2Y22032—Dual Electric Turntable. \$32.50
List Price, \$250. Your Price.....

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Reliable, accurate and sensitive. Dial suspended in non-freezing liquid unaffected by nearby metals. Has system of sights and magnifying glass by means of which marching and elementary surveying can be done. Invaluable to the woodsman, hunter or scout. Just the thing for Boy Scouts. Every outdoor boy should own one. Heavy sole leather carrying case with loop for carrying on belt. Shpg. Wt. 1 lb.
2P15499—Your Special Price, Each, while limited supply lasts. 95c

LOCATE YOUR NEEDS QUICKLY FROM THIS READY REFERENCE

INDEX

ARTICLE	Page	ARTICLE	Page	ARTICLE	Page	ARTICLE	Page	ARTICLE	Page
A									
"A" Batteries.....	80	Cold Chisel.....	73	Hum Balancers.....	58	P			
Air Cell Batteries.....	80	Compasses.....	25	Hydrometers.....	81	Panels, Aluminum.....	71	Short Wave Sets, Na-	19
"A" Condensers.....	80	Condenser Blocks.....	48			Panels, Bakelite.....	71	Shunts.....	86
Adapters.....	55, 76	Condensers, By-Pass.....	49, 52	I				Sockets.....	67
Aerials, DX.....	77	Condensers, Electro.....	52-53	Insulated Tip Jacks.....	71	Panels, Hard Rubber.....	71	Socket Testing Volt-	83
Aerial Equipment.....	77-79	Condensers, Filter.....	46-47	Insulated Staples.....	78	Percolators.....	97	Solder.....	75
Aerials, Ribbon, Auto.....	77	Condensers, Mershon.....	53	Insulating Pitch.....	75	Philmore Sets.....	90	Soldering Irons.....	75
Alcohol Torch.....	75	Condensers, Variable.....	65	Insulators, Wall.....	71	Phone Tips.....	71	Spaghetti.....	79
Aluminum Cans.....	71	Connectors, Micro-	30	Stand-off, Wirt, Nail-	78	Phonograph Motors.....	32	Speakers, Magnetic and	22
Aluminum Panels.....	71	phone.....	30	Knobs, Glass, etc.....	78	Phono Jacks.....	67, 71	Dynamic.....	21, 22
Amplifiers, National.....	19	Consoles.....	13	IRC Resistors & Kits.....	64	Phono Plugs.....	64	Speed Bug.....	90
Amplifiers, Electrad.....	23	Converters, Esco, Jan-	32	Irons, Laundry.....	96	Phono Portable.....	25	Springs, Antenna.....	78
Thordarson, Samson.....	23	ette.....	32	Irons, Soldering.....	75	Phono Pick-Ups.....	25, 31	Springs, Microphone.....	30
Lafayette.....	23	Converters, Rotary.....	32			Pick-Up, Electric.....	31	Stoves.....	97
Amplifier, power.....	23-25	Converters, Short	32	J				Staples, Insulated.....	78
Analizers.....	83-86	Wave.....	15, 25	Jacks and Plugs, Mid-	71	Pitch, Insulating Pitch.....	75	Steel Twist Drills.....	74
Analyzer plugs, NA-	76	Copper Wire.....	79	get.....	71	Planes.....	73	Sterno Stoves.....	93
ALD.....	76	Cord Connectors.....	93	Jacks and Plugs, Pup	71, 76	Pliers.....	72	Storage Batteries.....	80
Angle Brackets.....	71	Countersinks.....	73	Janette Converters.....	32	Plugs, Analyzer.....	76	Super-Ball Antenna.....	77
Antenna, Ball.....	77	Coupling Transformers.....	44	Juice Extractors.....	96	Plugs, Microphone.....	30	Switches, Toggle, Ro-	64
Antenna Kits.....	78	Crosley Parts.....	46			Plugs, Phone.....	64	tary, Selector, Knife,	64
Antenna Masts.....	78	Crystal Sets.....	90	K				Porcelain, Bekelite,	64
Antenna Springs.....	78	D				Keys, Transmitting.....	90	etc.....	64
Antenna Wire.....	79	Detecto-Lite.....	76	Kit, Antenna.....	78	Kit, Radio.....	15	Switches, Feed-Thru.....	93
Appliances, Electrical.....	97	Dials.....	66	Knobs.....	87	Knobs, Resistor.....	53, 54, 55	Switches, Push Button.....	64
Arresters, Lightning.....	78	Dial Cables.....	67	Knobs, nail-it.....	78	Knobs.....	87	Switches, Time.....	81
Audio Transformers.....	41, 42, 43, 45	Dial Lights.....	66	Kodaks.....	100	Knobs, nail-it.....	78		
Auger Bits.....	72	Dividers, Voltage.....	56-58	Kuprox Rectifying	80	Kodaks.....	100	T	
Automatic Record	20	Drills, hand, breast	73, 74	Units.....	80	Kuprox Rectifying	80	Tape, Friction and In-	75
Changer.....	20	Drills, Twist.....	74	L				ulating.....	75
Automobile Sets.....	14	DX Aerials.....	77	Laboratory Accessories	76	Lead-in Strips.....	78	Telephones.....	25
Auto Suppressors.....	89	Dynamic Speakers.....	21, 22	Lafayette Amplifiers.....	23	Lead-in Wire.....	79	Television.....	20
B									
Baffles and Baffle	30	Electrad Amplifiers.....	23	Lamps.....	93	Leads, Test.....	76	Television Coil Kits.....	68
Boards.....	30	Electrad Wire Wound	55	Lead-in Strips.....	78	Lightening Arrestors.....	78	Test Buzzers.....	89
Bakelite Panels.....	71	Resistors.....	55	Lead-in Wire.....	79	Litz Wire.....	79	Testers and Analyzers	83-86
Bakelite Tubing.....	71	Electrical Appliances	96, 97	Leads, Test.....	76	Locks, Cylinder &	72	Testing Adapters.....	76
Balancers, Hum.....	58	Electrical Devices.....	94	Leads, Test.....	76	Lever.....	72	Test Leads and Prods.....	76
Ball Antenna.....	77	Electric pick-up.....	25, 31	Lights.....	78	Lugs.....	71	Thermo-Clock.....	102
Batteries, "A".....	80	Electric Phonograph	32	Lighting.....	78	M			
Batteries, Air Cell.....	80	Electric Motors.....	32	Lighting.....	78	Machine Screws.....	71	Thermometer.....	102
Batteries, "B".....	80	Electrolytic Con-	52, 35	Lighting.....	78	Machine Screws Nut	71	Thordarson Amplifiers.....	23
Batteries, "C".....	80	densers.....	52, 35	Lighting.....	78	Washer Assort-	71	Time Switches.....	81
Batteries, Storage.....	80	Eliminators, "A" and	81	Lighting.....	78	ment.....	71	Tip Jacks, Insulated.....	71, 76
Battery Cables.....	81	"B".....	81	Lighting.....	78	Magnet Wire.....	79	Tips, Phone.....	71
Battery Cables and	81	Elkon "A" Condensers	80	Lighting.....	78	Masts, Antenna.....	78	Toasters.....	97
Connections.....	81	Enameled Aerial Wire	79	Lighting.....	78	Mershon Condensers	53	Toggle Switches.....	64
Battery Clips.....	81	Esco Converters.....	32	Lighting.....	78	Meters.....	86, 87, 88	Tools.....	72-74
Battery Switch.....	64	Esco Gas, power plants	32	Lighting.....	78	Microphones.....	28, 29	Torch, Blow.....	75
"B" Eliminator.....	81	Escutcheon Plates.....	66	Lighting.....	78	Microphone Controls.....	28	Toys.....	95
Bench Drills.....	74	Exploring Coil, Read-	83	Lighting.....	78	Microphone Stands.....	28, 29	Transformer, Audio 42-45	44
Binding Posts.....	87	rite.....	83	Lighting.....	78	Microphone Trans-	29	Transformers, Coupling	44
Blades, Hacksaw.....	74	Expo Cameras.....	1	Lighting.....	78	formers.....	29	Transformers, Micro-	29
Blank Records.....	20	F				Lighting.....	78	phone.....	29
Blow Torch.....	75	Fahnestock Clips.....	71	Machine Screws.....	71	Lighting.....	78	Transformers, Planert.....	44
B-L Rectifying Units.....	80	Feed-thru Switches.....	93	Machine Screws Nut	71	Lighting.....	78	Transformers, Power 33-40	44
Braces & Bits.....	72	Film, Kodak, Movie	100, 101	Washer Assort-	71	Lighting.....	78	Transmitting Keys.....	89
Brackets, angle.....	71	Filtered, Aerial Wire.....	79	ment.....	71	Lighting.....	78	Transmitting Tubes.....	18
Breast Drills.....	74	Filter Chokes.....	41, 43	Magnetic Speaker.....	21	Lighting.....	78	Trio Taps.....	93
Books.....	93	Filter Condensers.....	46, 47	Magnet Wire.....	79	Lighting.....	78	Truovolt Resistors, Elec-	56
"Bug".....	89	Filter, Scratch.....	32	Masts, Antenna.....	78	Lighting.....	78	trical.....	56
Bulbs, Tungar.....	80	Flashlights.....	94	Mershon Condensers	53	Lighting.....	78	Tubes, Radio.....	16-18
Buzzer, Test.....	90	Flashlight Batteries.....	94	Meters.....	86, 87, 88	Lighting.....	78	Tubing, Bakelite.....	71
By-Pass Condensers.....	49-52	Flexible Resistors.....	56	Micro Scales.....	86	Lighting.....	78	Tuner, Circuit.....	68
C									
Cables, battery.....	81	Flux.....	75	Microphones.....	28, 29	Lighting.....	78	Tuners, National.....	19
Cables, Microphone.....	30	Folding Rule.....	74	Microphone Controls.....	28	Lighting.....	78	Tungar Bulbs.....	80
Calipers.....	73	Friction Tape.....	75	Microphone Stands.....	28, 29	Lighting.....	78	Turntables.....	25
Cameras, Kodak, Expo	100, 101	G				Microphone Trans-	29	Twin Plugs.....	93
Cans, Aluminum.....	71	Gasoline Power Plants	32	Microphone Lighter.....	93	formers.....	29	Twist Drills.....	74
Capacity Meter, Read-	83	Glass Insulators.....	78	Midget Jacks & Plugs	71	Microphone Trans-	29		
Car Antenna.....	77	Goggles.....	72	Mike Plugs, Connec-	71	Microphone Trans-	29	U	
Carbon Twist Drills.....	74	Grinders.....	72-74	tors, Spring and	71	Microphone Trans-	29	Universal Meters.....	86
Casters, Rubber.....	93	Ground Clamps.....	78	Cables.....	30	Microphone Trans-	29		
"C" Batteries.....	80	Ground Rods.....	77	Mixers.....	96	Microphone Trans-	29	V	
Celotex.....	30	Ground Wire.....	79	Mounting base for Wes-	87	Microphone Trans-	29	Variable Condensers.....	65, 70
Center Tap Resistors.....	62	H				Movie Cameras.....	101	Variable Resistors.....	58
Checkers, Tube.....	83	Hack Saws.....	74	Na-Ald Plugs.....	76			Variators.....	65
Chokes.....	37, 41, 43, 44, 70	Hack Saw Blades.....	74	Nail-it-Knobs.....	78			Vise.....	73
Chisels, Wood, Cold.....	73	Ham Equipment.....	90, 91	National Amplifiers.....	19			Voltage Dividers, Elec-	56, 57, 58
Clamps, ground.....	78	Hand Drills.....	74	National Power Packs	19			Volume Controls.....	58-61
Clips, battery.....	81	Hard Rubber Panels.....	71	National Short Wave	19				
Clips, Fahnestock.....	71	Hardware Assortment	71	Converters.....	19			W	
Clips, Screen Grid.....	71	Head Phones.....	90	National Short Wave	19			Waffle Irons.....	97
Clocks.....	95	Honeycomb Coils.....	68	Sets.....	19			Washers, Steel.....	71
Code Practice Set.....	89	Hook-up Wire.....	79	National Tuners.....	19			Weston Meters.....	87, 88
Coil Forms.....	68	Horns, Racon.....	30	Neutralizing Tool.....	72, 75			Winder, Coil.....	71
Coils, Honeycomb.....	68	Hot Plates.....	97	Nuts.....	71			Window-Sill Aerials.....	77
Coil Kits, Television.....	68			Nuts and Washer As-	71			Wire, Copper, Enam-	77
Coils, R. F. 41, 68, 69, 70	68			sortment.....	71			eled, Shielded, Mag-	77
Coil Shields.....	68							net, Litz, Bus, Lead-	77
Coils, Short Wave.....	68							In, Hook-up, etc.....	79
Coil Winder.....	71							Wrenches.....	74

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Each addit'l lb. or fraction	1c	1c	2c	4c	6c	8c	10c	12c

This List Will Assist You in Determining the Zone of Your City

Location	Zone	Location	Zone	Location	Zone	Location	Zone
Alabama:		Louisiana:		Missouri:		Santa Fe	7
Birmingham	5	All in 8th zone.		Cape Girardeau	5	Location	Zone
Anniston	6	Maine:		Columbia	6	New York:	
Mobile	6	Augusta	3	Excelsior Springs	6	Albany	2
Tuscaloosa	5	Bar Harbor	4	Independence	6	Auburn	3
Woman's College	5	Portland	3	Jefferson City	5	Bayshore	1
Alaska:		Calais	4	Joplin	6	Binghamton	2
All in 8th zone.		Maryland:		Kansas City	6	Buffalo	3
Arizona:		Aberdeen	3	Foberly	5	Catskill	2
All in 8th zone.		Baltimore	3	St. Joseph	6	Cornwall	1
Arkansas:		Cumberland	3	St. Louis	5	Elmira	3
Arkansas City	6	Hagerstown	3	Montana:		Glens Falls	3
Batesville	6	Havre de Grace	3	Anacosta	3	Irrington	2
Fort Douglas	6	Westminster	3	Billings	7	Ithaca	2
Fort Smith	6	Massachusetts:		Butte	8	Kingston	2
Helena	5	Boston	3	Great Falls	8	Larchmont	1
Hot Springs Nat'l		Cambridge	3	Lewistown	3	Middletown	1
Park	6	Fall River	3	Miles City	7	Mount Vernon	1
Little Rock	6	Gloucester	3	Newburgh	2	Newburg	2
California:		Lowell	3	Niagara Falls	4	Ogdensburgh	3
All in 8th zone.		Lynn	3	Nebraska:		Oneonta	2
Colorado Springs	7	Northampton	3	Alliance	7	Oswego	3
Cortez	7	Salisbury	3	Beatrice	6	Port Chester	1
Denver	7	Springfield	3	Cody	7	Poughkeepsie	2
Grand Junction	8	Michigan:		Lincoln	6	Rhinebeck	2
Connecticut:		Ann Harbor	4	Omaha	6	Rochester	2
All in 1st and 2nd zone.		Bangor	5	Scottsbluff	7	Schenectady	3
Delaware:		Battle Creek	4	University Place	6	Syracuse	3
Dover	2	Benton Harbor	5	Nevada:		Troy	2
Georgetown	3	Detroit	5	All in 8th zone.		Utica	3
Bridgeville	3	Grand Rapids	5	New Hampshire:		West Point	1
Seaford	3	Kalamazoo	5	Concord	3	Youngstown	4
Wilmington	3	Lansing	4	Dublin	2	North Carolina:	
Dist. of Columbia:		Saginaw	4	Exeter	3	Asheville	4
All in 3rd zone.		Minnesota:		Franklin	3	Concord	4
Florida:		Austin	5	Keene	3	Durham	4
Arcadia	6	Clearwater	5	Laconia	3	Fayetteville	4
Daytona Beach	6	Duluth	5	Manchester	3	Gastonia	4
Jacksonville	6	Minneapolis	6	Nashua	3	Gay	5
Miami	6	St. Paul	6	Pittsburg	4	Greenboro	4
Georgia:		Mississippi:		Portsmouth	3	High Point	4
All in 5th zone.		Abbeville	5	The Weirs	3	Murphy	5
Idaho:		Columbus	5	Winchester	2	Raleigh	4
All in 8th zone.		Gulfport	6	New Jersey:		Salisbury	4
Illinois:		Jackson	6	All in 1st and 2nd zone.		Waynesville	4
All in 5th zone.		Vicksburg	6	New Mexico:		Wilmington	4
Indiana:				Albuquerque	3	Winston-Salem	4
Elkhart	5						
Fort Wayne	5						
Indianapolis	5						
South Bend	5						
Iowa:							
Ames	6						
Cedar Rapids	6						
Council Bluffs	6						
Des Moines	6						
Mason City	6						
Kansas:							
Arkansas City	6						
Elkhart	7						
Emporia	6						
Fort Riley	6						
Kansas City	6						
Oakley	7						
Topeka	6						
Kentucky:							
Ashland	4						
Bowling Green	5						
Covington	4						
Lexington	4						
North Dakota:							
Fargo	6						
Grand Forks	6						
New Salem	7						
Ohio:							
All in 4th zone.							
Oklahoma:							
Beaver	7						
Boynton	6						
Comanche	6						
Elbert	7						
Muskogee	6						
Oregon:							
All in 8th zone.							
Pennsylvania:							
Allentown	2						
Altoona	3						
Chester	2						
Del. Water Gap	2						
Easton	2						
Erle	4						
Fairview	4						
Harrisburg	3						
Koppel	4						
Mechanicsburg	3						
Philadelphia	2						
Pittsburgh	4						
Reading	2						
Sayre	3						
Scranton	2						
Uniontown	4						
Wilkes-Barre	2						
York	3						
Rhode Island:							
All in 2nd zone.							
South Carolina:							
Charleston	5						
Spartanburg	4						
South Dakota:							
Hot Springs	7						
Sioux Falls	6						
Tennessee:							
Chattanooga	5						
Knoxville	5						
Morristown	4						
Texas:							
Austin	7						
Dallas	6						
El Paso	6						
San Antonio	7						
Utah:							
All in 8th zone.							
Vermont:							
Vermont	3						
St. Johnsbury	3						
Virginia:							
Alexandria	3						
Charlottesville	3						
Danville	4						
Norfolk	3						
Stony Creek	4						
Washington:							
All in 8th zone.							
West Virginia:							
Charleston	4						
Martinsburg	3						
Wisconsin:							
All in 5th zone.							
Wyoming:							
Casper	7						
Green River	8						

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UNIVERSAL MICROPHONES



UNIVERSAL MODEL "LL"

An extra rugged heavy type two-button broadcast Microphone. The entire assembly is of high carbon steel, ground to within .001 of an inch accuracy. The diaphragm is of alloy of exactly the proper hardness and stretch to secure the best results. Pure gold contact points on each side. The materials used and the precision of manufacture combine to make this model stand out as the superlative microphone, reproducing a range of from 30 to 7000 cycles.

"Model 'LL' is 3½ inches in diameter by 1¼ inches thick and is standard 200 ohms per button. Net weight 2¼ lbs. Shpg. Wt. 3½ lbs.

2M13403—List Price, \$75.00. Your Cost Each..... **\$44.10**

UNIVERSAL MODEL "KK"

A substantial, solid two-button broadcast Microphone with a very minimum hiss. Model "KK" is carefully constructed of the finest materials with a 24 K. pure gold spot center alloy diaphragm which is held under tension. Diaphragm has a thickness of only .002 inch. The frequency range of the "KK" is all that can be desired in a carbon microphone, from 50 to well over 6000 cycles. Buttons 200 ohms each. Entire microphone finished in 24K. polished gold. It is 2½ inches in diameter and 1¼ inches thick. Each unit is carefully tested before shipment. Net weight 1¼ lbs. Shpg. Wt. 2½ lbs.

2M13404—List Price, \$50.00. Your Cost Each **\$29.40**



UNIVERSAL MODEL "A"

The most highly developed single button microphone on the market. Constructed with solid 24K. gold faced button and highest grade carbon granules which reduces hiss to a minimum. Equipped

with an extremely thin, light weight diaphragm which is also gold faced. The scientific damping permits Model "A" to handle frequencies from 100 to 3000 cycles. Single button is 200 ohms resistance. Diameter 3 in., thickness 1¼ in. Polished Chrome finish. Shpg. Wt., 2 lbs. **\$8.82**

2M13406—List \$15.00. Your Cost



UNIVERSAL Model "BB"

The most popular double-button public address Microphone in America. Nearly twice as heavy as any other microphone in its class. Built to hair-line precision. An idea of

its ruggedness can be obtained by the fact that Model "BB" is 3 in. in diameter and 2 in. thick. Built especially for voice pickup, public address work and for amateur broadcasters, etc. Beautifully finished in highly polished chrome plate. 24K. pure gold spot centers. Frequently response 70 to 4,000 cycles. 200 ohms per button. Net weight 1 lb. Shpg. Wt. 2½ lbs. **\$14.70**

2M13405—List Price, \$25.00. Net

UNIVERSAL MODEL "X"

A sensational microphone at an amazingly low price. Available in either single or two button type. Resistance 200 ohms per button. May be mounted in any position. Scientifically damped, laboratory tested. Duraluminum diaphragm, pure gold contact points. Beautifully finished.

2M13412—Single Button Model "X" **\$4.41**
List \$7.50. Your Cost Each.....

2M13413—Double Button Model "X" **\$5.88**
List \$10.00. Your Cost



UNIVERSAL Model QRQ



An exceptionally efficient, small, low cost microphone for experimenters and other installations requiring a simple single button microphone. An exact replica of the standard broadcast model in appearance. It is 3½ inches high and is finished in bronze plate. Button is 100 ohms resistance and is solid gold faced. Complete with 3 Ft. phone tip cord. Shpg. Wt., 2 lbs.

2M13407—List Price, \$5.00. Your Cost Each..... **\$2.94**

UNIVERSAL Model "QRXF"



QRQ
Microphone
Mounted on Junior
Input Stage

An ideal combination for amateur usage. Simple and very easy to connect. Requires one flashlight mono-cell for operation. The transformer improves both volume and quality over any direct application of microphone to detector tube. Has potentiometer volume control, which also operates battery switch. When used for home entertainment, the program and speech may be returned and faded in and out by the volume control. Amplifier box finished in russet leatherette. Shpg. Wt., 5 lbs.

2M13408—List Price, \$12.00. Your Cost Each..... **\$7.06**

BULLET TYPE MICROPHONE

Model "BB" microphone is special case suspended at bottom of tube containing a dry cell which furnishes current for the microphone. Looks like a condenser mike; the most elegant appearing unit it is possible to construct. Has acoustic adjustment in barrel. Loop at top for suspending from ceiling. For use in vertical position only. Chromium plated. Comes complete with 24-feet of braid covered cable for connection to amplifier. Hiss level far below average background noise.

2M13414—List \$50.00. Your Cost (Less battery)..... **\$29.40**



UNIVERSAL MIKE TONE CONTROL

A new accessory that means much added value. Used across the buttons of any microphone to change the tone to fit adverse conditions. Shrill may be toned down to normal, and gruff voices may be tuned to more pleasing position in the voice frequencies. Also permits an adjustment in public address and loud speaker installations that eliminates the "feed-back" resonance or ringing echo following the pronunciation of certain words. Size, 2½x2½x4½ in. Shpg. Wt. 3 lbs.

2P15727—List \$8.00. Your Cost..... **\$4.70**



UNIVERSAL Junior In-put Stage



This Radio and Amplifier Input Stage effects a great improvement in the quality of reproduction over any other method of connection, because of the proper matching of parts. It is used on the same basis as the coupling of elements in the radio set. The input stage provides a built up circuit with transformer and battery receptacle and switch, all contained in a neat wooden box 3x3x5 inches. The transformer matches the impedance relation between microphone and the phonograph jack or connections to radio or amplifier. The volume control allows the microphone to be nearer to the loud speaker and an adjustment against feed-back. For use with Model "A", Baby Mike, QRQ, HandiMike or any single button microphone. Shpg. Wt. 3 lbs.

2P15728—List Price \$8.00. Your Cost Each **\$4.70**

DESK MOUNTS WITH COVERS

Covers sprung into position eliminating trick mechanism. Beautiful polished chrome finish, 8 suspension springs included. Shpg. Wt. 4 lbs.

2Y19702—5 inch. List \$9.00. Your Cost **\$5.29**

2Y19703—6½ inch. List \$16.00. Your Cost **\$9.41**



UNIVERSAL "HANDI-MIKE"



Available in both single and double button types. Pre-eminent for all uses where a hand microphone is desired. Intended for voice only and in this field it has a maximum volume with clear and clean cut speech reproduction. Finished in beautiful polished plate. Has on and off switch and 15 Ft. cord. Length 6 ins. Head, 2¼ inches diameter. 200 ohms per Button. Shpg. Wt., 2½ lbs.

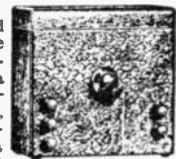
2M13409—Single Button. **\$5.88**
List, \$10.00—Your Cost.....

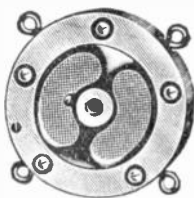
2M13410—Double Button. **\$8.82**
List, \$15.00—Your Cost Each.....

UNIVERSAL SENIOR INPUT STAGE

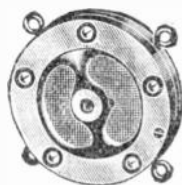
The Senior Radio and Amplifier Input Stage for two button microphones consists of a transformer potentiometer volume control, switch and battery receptacle assembled in a neat wooden box 3x3x7 in. For matching any two button microphone to filament and grid of tube if connected to amplifier or to phonograph jack if connected to radio set. The volume control is across the secondary of the transformer and incorporates a switch which turns off the battery when not in use. Box finished in russet leatherette lacquer. Equipped with 25 ft. 2 conductor cord and full directions. Shpg. Wt. 5 lbs.

2P15729—List Price \$15.00. Your Cost Each **\$8.82**





LAFAYETTE MICROPHONES



Model "Seventy-Five"

Unquestionably the finest two button carbon microphone that money can buy. Response, 30-8000 cycles. Extra large and rugged. Designed especially for studio and other uses where perfect reproduction of both music and the spoken word is required. Stretched diaphragm is of Duraluminum .002 inch in thickness, with solid gold contact points where the carbon contacts the diaphragm. This insures an absolute minimum of carbon rush, resulting in an extremely quiet carbon unit. Diaphragm is protected by a steel screen to prevent damage from handling or accident. Extra heavy chromium plated brass frame measures 3 1/8 inches in diameter, 1 1/2 inch thick. Actual weight, 2 Lbs. 3 Oz. Shpg. Wt., 5 Lbs.

2M13422—List, \$75.00. Your Cost Each.....

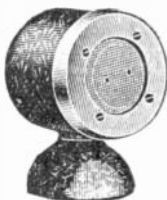
\$34.50

Model "Fifty"

Similar in construction to the "Seventy-Five"—also has duraluminum diaphragm and pure gold contact points. Heavy brass frame, chromium plated. Frequency response 30-7000 cycles. Diaphragm protected with steel screen. Equally suitable for voice or music. Resistance 200 ohms per button, or 400 ohms total. One of the finest carbon microphones ever offered at our low price. Size, 3 3/8 inches diameter, 1 1/2 inch thick. Actual weight, 1 Lb., 9 Oz. Shpg. Wt., 4 1/2 Lbs.

2M13421—List Price, \$50.00. Your Cost Each.....

\$22.50



The New TOM LAB Dynamic Microphone

The finest microphone ever designed. Sound pressure calibrations by thermophone and Rayleigh Disc methods indicate a response characteristic which is flat within plus or minus 3db. for entire broadcast audio band. Thoroughly water and shock proof—on actual tests one of these microphones has been submerged in water and then dropped upon a steel plate without impairing its operating characteristics. Used extensively by the U. S. Navy in gun turrets where gun fire renders the ordinary microphone inoperative. Level: down 90 db. Impedance 30 200, 500 or 150,000 ohms. Permanent magnet, cobalt steel pot. Cast aluminum frame, and matching transformer. State impedance.

2M13426—List, \$150.00

Your Cost, Each.....

\$87.50



Model "Twenty-Five"

A very efficient two button carbon Microphone which will give entirely satisfactory service in less critical public address installations. Frequency response 40 to 4000 cycles. Heavy chromium plated brass frame. Special alloy diaphragm with 24 K. gold contact points. Size, 2 3/4 ins. diameter, 3/8 ins. thick. Shpg. Wt., 4 lbs.

2M13420—List Price, \$25.00

Your Cost, Each.....

\$11.50

AMERICAN Lapel Microphone

An extremely efficient and compact single button microphone, designed for attaching to the coat lapel or other garment of the speaker or entertainer. Such an arrangement is very desirable since it permits the speaker to move at will without leaving the pick-up radius of the microphone. Especially desirable for political speakers and ministers who find it advisable to move about on the platform during their talk. Diameter only 1 1/2 inches. Stretched diaphragm protected by woven wire screen. Black and enamel finish. Complete with 20-foot silk covered cord.

2M13436—List, \$25.00

Your Cost, Each.....

\$9.75

LAFAYETTE STUDIO Microphone Stand

Made of die cast white metal; satin silver finish. Extra heavy in construction, base weighted to minimize tilting hazards. Extends 46 to 79 inches. Barrel 3 1/4 inches in diameter; base 9 inches, ring 7 1/4 inches. Actual weight 13 pounds. An extraordinarily fine stand at a very low price. Shpg. Wt., 19 lbs.

2M13429—

Your Cost, Each.....

\$10.75



Suspension Ring

Nickel plated microphone ring 6 1/4 inches in diameter. Has brass loop for suspending from ceiling. Shpg. Wt., 2 Lbs.

2M13425—

Your Cost, Each.....

\$2.15

RCA-VICTOR HAND MICROPHONE

Substantially constructed from standard telephone parts. Carbon chamber especially designed for radio telephone work. Ideal for "Ham" use. Single button. Requires a 6-volt battery and 8 to 10 mills for operation. Complete with handle and cord. Shipping weight, about 2 lbs.

2M13435—

Your Price.....

\$1.95



AMERICAN Double-Button Hand Microphone

Stretched diaphragm gold plated. Built particularly for use where portability is important, such as for home use, public address systems, music trucks, etc. Very rugged in construction. Impedance 1000 ohms per button. Complete with 12-Ft. silk covered cable. Shpg. Wt., 4 Lbs.

2M13423—List, \$23.00.

Your Cost, Each.....

\$10.45

CONNECTICUT FLOOR STAND MIKE

The performance of this inexpensive microphone will surprise you. Has heavy metal base finished in nickel and light green. Adjustable 48 to 64 inches. Has on and off switch and 50 ft. cord. Can be attached to any radio for home broadcasting. Also ideal for amateur use. Complete with stand and microphone.

2M13433—

Your Cost.....

\$5.95

CONNECTICUT TABLE MIKE

14 inches high, beautifully finished in nickel and light green, with pressed steel case containing "on-off" switch, input transformer and 50 Ft. cord. Two dry cells required for button current.

2M13434—Complete

Your Cost Each.....

\$3.92



UNIVERSAL Transformers

No. 1089—Matches impedance of all standard type carbon two-button microphones. Packed in individual cartons with wiring diagram. Packed weight, 3 lbs. List Price, Each, \$10.00.

2M13475—

Your Cost.....

\$5.88

No. 1152—A matching transformer that can be used as microphone input or tube to line and in many other ways. Primary impedance combinations, 50 ohms, 100 ohms, 200 ohms; secondary impedance combinations, 2500 ohms, 5000 ohms, 10,000 ohms. List Price, \$12.00

2M13476—Your Cost.....

\$7.12

No. 1275—A single button microphone input transformer. Is 200 ohms on the primary side and 100,000 ohms on the secondary. List Price, \$5.00.

2M13477—Your Cost.....

\$2.54

TRUTEST Microphone Transformers

Here at last is a microphone input transformer of the highest quality at a price that means substantial savings. These transformers are the regular \$10.00 type. They are brand new. Input Transformer to work with single button microphone.

2M13478—

Your Cost—SPECIAL.....

\$1.70

Input Transformer to work with double button microphone.

2M13479—Your Cost—SPECIAL.....

\$2.85



TRUTEST MICROPHONE STANDS

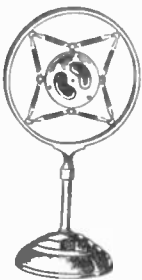
Desk Type

A very neat appearing small stand of the desk type. Made of satin finish white metal with die cast ring and weighted base. Ring is 7 inches in diameter and base is 5 inches in diameter. Overall height, 13 3/4 ins., non adjustable. Shpg. Wt., 6 1/2 Lbs.

2M13427—

Your Cost, Each.....

\$3.50



FLOOR STAND

The same in design and finish as the above stand except that it is adjustable from 46 to 74 1/2 inches. Shpg. Wt., 10 lbs.

2M13428—

Your Cost, Each.....

\$4.95

LAFAYETTE DeLuxe Stands

Extra Quality

Beautiful modernistic stands in satin silver and black finish. Columns are fluted and bases are attractively designed in the modern manner. All types are extra heavy and have weighted bases. Have loops in sides of barrel for cables. Bases have felted tips.

DESK TYPE: 9 inches high. 6 inch ring.

2M13430—Your Cost..

\$3.95

FLOOR TYPE: Extends 36 to 70 inches.

2M13431—

Your Cost, Each.....

\$8.75



BINURL TYPE: Two rings. Extends 36 to 70 inches.

2M13432—Your Cost, Each.....

\$13.75



RACON DYNAMIC SPEAKER UNITS



GIANT UNIT

A powerful Dynamic Unit especially designed for use with trumpet type horns. Handles 10 watts continuously or 25 watts peak. Has 15 ohm voice coil and requires 6-8 volts at 1.1 amps for field excitation. Has threaded collar for attaching horn or the triple connector described below. Wt. 20 lbs. List \$100.00. Less Transformer. **\$40.50**

2W19265—Your Cost Each..... **\$40.50**

Coupling Transformers

2A400—Coupling Transformer for above unit 500 ohms-impedance. **\$3.75**

Your Cost Each **\$3.75**

2A402—As above 4000 ohms. **\$3.75**

Impedance. Your Cost Each **\$3.75**

Racon Master Unit

Similar in appearance to the above unit. Continuous operating capacity 6-8 watts, peak 25 watts. 15 ohm voice coil; 6-8 volts at 1.1 amps field current. Wt. 13½ lbs. List \$75.00.

2W19266—Your Cost Less Cou- **\$33.50**

pling Transformer **\$33.50**

RACON JUNIOR

Handles 6-8 watts continuously or 20 watts peak. 15 ohm voice coil. 6-8 volts at 1.1 amps field current. Wt. 11 lbs.

2W19267—List \$50.00

Complete. Less Coupling Transformer. **\$23.25**

Your Cost Each **\$23.25**



RACON BABY

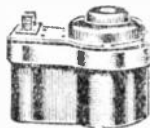


Continuous operating capacity 5-7 watts; peak capacity 18 watts. Voice coil 15 ohms. Field current, 6 volts at 1¼ amps. Wt. 6¼ lbs.

2W19268—List \$35.00. Complete Less Coupling Transformer. **\$14.70**

Your Cost Each **\$14.70**

RACON GIANT MAGNETIC



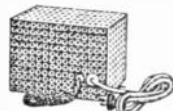
Handles 2 watts continuous load. Impedance 2000 ohms. Suitable for public address use only. Wt. 4 lbs.

2W19269—List \$30.00. **\$14.70**

Your Cost Each **\$14.70**

We can supply coupling Transformers for above Units to match any standard impedance

DYNAMIC FIELD EXCITERS



Units for supplying proper field current to above Racon units from 110 volt A.C. supply line. Will not overheat or hum. Shpg. Wt. 12 lbs.

2W19271—For One Racon Unit. **\$11.76**

List \$20.00. Your Cost Each..... **\$20.50**

2W19272—For Two Racon Units. **\$20.50**

List \$35.00. Your Cost Each..... **\$35.25**

2W19273—For Four Racon Units **\$35.25**

List \$60.00. Your Cost Each..... **\$35.25**

RACON TRIPLE CONNECTOR

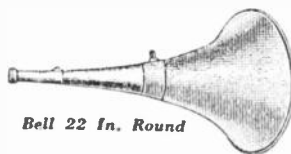


A device for connecting three horns to one Racon Unit. Especially desirable for use in airplane and other public address installations where great coverage must be realized from a single unit. Made of brass with threaded collars ¾x18 for horns and unit. Dispersion angle 90 degrees.

2W19274—List Price \$20.00. **\$11.76**

Your Cost Each **\$11.76**

Racon Reproducers



Bell 22 In. Round

Made of fabric, impregnated and hardened. They are guaranteed to withstand all climatic temperatures and moisture without effect. Light in weight and non-porous.

3½ Ft. Trumpets

STORMPROOF MODEL. Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. Guaranteed for 1 year. For outdoor use in all climates and weathers. Net weight 9½ lbs.

2Y19788—List Price \$30.00 **\$23.42**

Your Cost Each **\$23.42**

DeLUXE MODEL. Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. For indoor or temporary outdoor use. Net weight 7 lbs.

2Y19789—List Price \$25.00. **\$14.70**

Your Cost Each **\$14.70**

REGULAR MODEL. Equipped with metal beaded edge, metal ferrule and suspension ring. Adapted for ¾—18 thread unit. For indoor use only. Net weight 6½ lbs.

2Y19790—List price \$20.00 **\$11.75**

Your Cost Each **\$11.75**

6 Ft. Trumpets

BELL 30 IN. ROUND

STORMPROOF MODEL. Equipped with metal beaded edge, cast aluminum throat and 4 in. suspension ring. For outdoor use in all climates and weathers. Net weight 21 lbs.

2Y19791—List Price \$65.00. **\$38.22**

Your Cost Each **\$38.22**

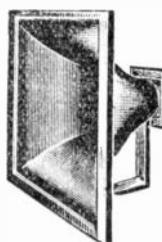
REGULAR MODEL. Equipped with metal beaded edge, cast aluminum throat, and 4 in. suspension ring. For indoor use only. Net weight 17 lbs.

2Y19792—List \$50.00 **\$24.75**

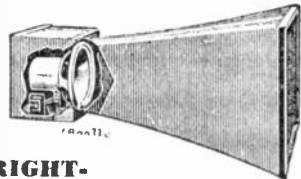
Net **\$24.75**

DYNAMIC BAFFLES

A combination baffle and exponential air column for dynamic speakers. Improves tone and increases volume. Made in four sizes, all available for any size dynamic speaker. In ordering state diameter of speaker.



Stock No.	Size Bell	Inches Depth	List	Net
2Y19784	18x30	10	\$12.00	\$6.95
2Y19785	27x27	24	30.00	14.50
2Y19786	36x36	24	45.00	18.00
2Y19787	44x44	24	50.00	22.50



WRIGHT-DECOSTER DYNAMIC HORNS

Combination exponential horn and speaker covering for Dynamic Speakers. Horn is made of a non-resonant material that greatly improves volume and tone quality of the speaker. Both horn and speaker compartment covered with black waterproof material. Length 48 inches, Bell 23x22 inches. Shpg. Wt. 71 lbs.

2Y19782—List Price \$38.00. **\$22.34**

Your Cost Each **\$22.34**

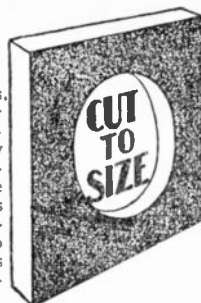
Horn No. 10—As above with flare at both sides instead of at bottom. Size 30x21½ inches. Length 48 inches. Shpg. Wt. 71 lbs.

2Y19783—List \$38.00. **\$22.34**

Your Cost **\$22.34**

CELOTEX DYNAMIC SPEAKER BAFFLES

This material is ideal for speaker baffles, its non-resonant quality makes it far superior to wood for the purpose. On sizes quoted below without hole add 50c to net price if hole is desired and specified.



Stock No.	Size	Size of hole	Net.
2Y19793	12x12 in.	7½ or 9 in.	\$3.30
2Y19794	18x18 in.	7½ or 9 in.	.80
2Y19795	24x24 in.	7½ or 9 in.	1.40
2Y19796	36x36 in.	9 in.	2.63
2Y19797	48x48 in.	9 in.	4.40
2Y19798	36x72 in.	No Hole	5.30
2Y19799	48-72 in.	No Hole	7.05

UNIVERSAL CABLES & PLUGS



Rubber covered shielded microphone cables for outdoor use, over gravel, pavement, platforms or

where crowds are walking. Fitted with genuine G.E. Bakelite connectors. Three conductor.

Stock No.	Length	List	Net.
2Q16105	6 Ft.	\$2.75	\$1.62
2Q16106	12 Ft.	4.50	2.65
2Q16107	25 Ft.	7.50	4.41
2Q16108	50 Ft.	12.00	7.06
2Q16109	100 Ft.	19.00	11.17

MICROPHONE CABLE

First quality shielded three conductor Microphone Cable that will stand the hardest usage without becoming torn or cracked. Ends provided with suitable lugs for easy connection.



Stock No.	Length	Your Cost
2Q16101	6 Ft.	\$.35
2Q16102	12 Ft.	.59
2Q16103	25 Ft.	1.15
2Q16104	50 Ft.	2.15

We can supply any Racon or Universal Item not listed on this page at a dealers discount of 40 % plus 2 % from list price. Write us for items not listed.

MICROPHONE CONNECTORS

Three prong cable connectors. Perfect contact and 100% insulation. Prong arrangement permits assembly in one position only. 1½ in. diameter.

2M13400—Socket **46¢**

Your Cost Each **46¢**

2M13401—Plugs **35¢**

Your Cost Each **35¢**



PORTABLE MICROPHONE PLUGS

Made of special insulating material equal to Bakelite in dielectric properties. Has three plugs with banana spring expansion that make positive connection with standard jacks. Size 1½x1¼x¾ inches.

2M13004— **35¢**

Your Cost Each **35¢**

2M13005—Female Plug for above **32¢**

Your Cost **32¢**



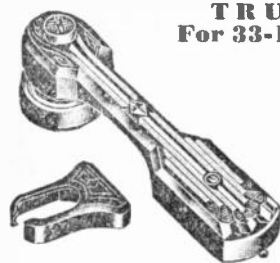
MICROPHONE SPRINGS

Best quality tempered steel, loop ends. Eight required for each microphone. **25¢**



2M13402—Set of eight for..... **25¢**

TRUEST PICKUP For 33-1/3 or 78 R.P.M. Records



78 R.P.M. records, 10 or 12 inch size. Suitable for use with Volume Control and Adapter. **\$4.95**

2A165—List, \$11.00—Net
HIGH OUTPUT MODEL. For use with Radio Receivers which have low gain in their audio amplifier. Gives an average output of 4 volts. Gives ample volume without use of booster. Complete with built-in Volume Control, Adapter and Counterbalance for playing 33-1/3 R.P.M. Records. **\$9.95**

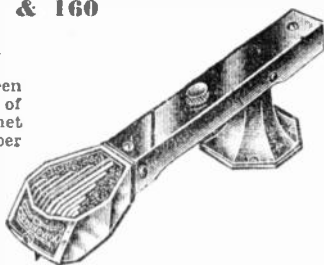
2A167—List, \$17.00—Your Cost Each
HIGH OUTPUT MODEL WITHOUT COUNTERBALANCE. Same as High output model described above, except less **\$8.88**

Counterbalance. 2A166—List, \$15.00. Your Cost Each.
DETACHABLE COUNTERBALANCE. For reducing needle pressure and adapting pick-up to new 33-1/3 R.P.M. records. Removed when playing old type 78 R.P.M. Records. Fits previous TRUEST PICKUPS also. **98¢**

2A168—List, \$2.00—Your Cost Each

NEW PACENT 120 & 160

PHONOVOX



The Pacent Phonovox has been rightly termed the finest of electrical pickups. It has met every requirement for the proper reproduction of standard 78 R.P.M. and the new 33-1/3 R.P.M. recordings. Ordinary pickups will not play these new records because they require much less needle pressure. The new Phonovox is equipped with a thumb screw which adjusts this pressure from zero to five ounces. The pickup therefore can be readily adjusted for either type. In appearance it meets with the new modernistic trend of design and will add to the attractive appearance of any radio combination with which it is used.

2A150—No. 120 Phonovox for playing 10 or 12 inch records; complete with adapter, wafer adapter and combination volume control and radio-record changeover switch. **\$7.94**

List, \$13.50—Your Cost Each

2A151—No. 160 Phonovox with 16 inch tone arm for playing larger records; equipped as described above. **\$9.40**

List Price, \$16.00—Your Cost Each

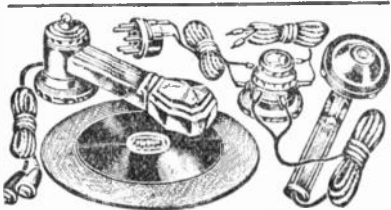
LAFAYETTE PICK-UPS



In tonal quality, in range covered, in simplicity of installation and in ease of operation, the New Lafayette electric pick-up is vastly superior to all existing forms of phonograph electric pick-up devices. A scientifically developed instrument which reproduces with absolute fidelity the intricate chromatic elements of the most difficult musical compositions. Unique in that it is rubber damped providing absolutely clear reproduction free from the customary pick-up noises. Many exclusive features have been incorporated into the manufacture of the Lafayette Super-Pick-up, no effort having been spared in its preparation.

2A138—Regular Model complete with volume control. **\$5.95**
Your Cost Each

2A139—Special Model with compensated needle pressure for playing both 33-1/3 and 78 R.P.M. Records. Has volume control. **\$7.45**
Your Cost Each



NEW PACENT RECORDOVX AND CONTROL BOX

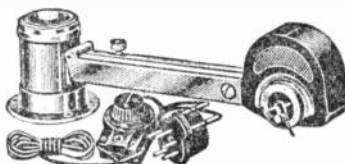
You can make your own phonograph records, make permanent recordings of your voice or those of your friends; record distant, foreign or local radio programs as they are received through your radio by means of this equipment when used in connection with your radio receiver or ordinary phonograph. In addition to this the Recordovx converts the phonograph to which it is attached into a modern electric phonograph. It offers limitless home enjoyment. Easily installed, simple in operation. Extremely efficient and will provide hours of fascinating, interesting pleasure. No tools or technical knowledge required to install or operate. Consists of two major units; a combination recording and play-back pickup and a control box with necessary cords and adapters. Complete and easy-to-understand instructions furnished with each outfit.

2A158—Recordovx and Control Box, including necessary adapters and weights, but not including microphone. **\$16.15**

List, \$27.50—Your Cost

2M13411—Hand Microphone especially designed for this outfit. **\$5.88**

List, \$10.00—Your Cost



PACENT OIL-DAMPED PHONOVOX

with Adjustable Tone Arm

Designed especially for Talking-pictures, Broadcasting Stations and other uses where the very finest reproduction is demanded. No finer obtainable. Pressure on records adjustable from 2 to 4 1/2 ounces. Suitable for either 33 1/3 or 78 R.P.M. recordings. Not suitable for use with radio sets having screen grid detector tube or 4 prong tubes as first audio stage. Certain accessories necessary for use with other types. See list below. Shpg. Wt., 7 lbs.

2A152—Oil Damped High Impedance Head with adjustable Tone Arm and Volume Control. **\$14.70**

List, \$25.00—Net

2A153—As above, Low Impedance. **\$14.70**

List, \$25.00. Net

2A154—Coupling Transformer (1:17 ratio) with inbuilt Record-Radio Switch and an adapter. Necessary when using high impedance Oil Damped Pickup with radio sets having two stages of audio. **\$11.48**

List, \$19.50—Net, Each

2A155—Booster. Necessary when using Oil Damped Pick-up with radio sets having Power Detector (27 type Tubes) **\$7.05**

List, \$12.00—Net

2A156—Coupling Transformer. Necessary when used with two stage power amplifier NOT equipped with input transformer. **\$8.82**

List, \$15.00. Your Cost

2A157—Coupling Transformer. Necessary when used with two stage amplifiers already equipped with input transformer. **\$5.88**

List, \$10.00. Net
(Three stage amplifiers already equipped with input transformer of 1:3 or greater ratio will not require Coupling Transformer)



PICK-UP Volume Controls

Made for use with phono pick-ups, power amplifiers and "mike" hook-ups. Completely controls volume. 24 inches phone cord.

2G8399—List Price, \$2.50

Your Cost **90¢**

AUTOMATIC STOP

For Electric Phono Motors. Adjustable to operate at any point on record. Arm automatically trips switch which cuts off current to motor. Works with any type tone arm. No drilling of holes.

2A135—List Price, \$2.50

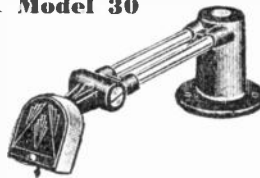
Your Cost Each **75¢**



AUDAK Model 30 PICKUP

Reduced to

\$4.95
Net

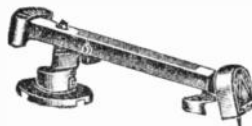


A very fortunate purchase enables us to offer this celebrated Audak Model 30 Chromatic Pickup at a fraction of its customary price. Universally recognized as one of the finest obtainable. No volume control. Shpg. Wt., 5 lbs.

2A145—List Price, \$21.50

Your Cost Each **\$4.95**

New AUDAK Model 33



\$11.02
Net

The very latest Audak Chromatic model. Has counterbalance which adjusts to suitable pressure for playing with new 33 1/3 R.P.M. records. Equally well suited for use with 78 R.P.M. recordings. Attractive green bronze finish.

2A146—List Price, \$24.50

Your Cost Each **\$11.02**

Handy Adapter

For sets using "C" bias detector circuits and which are not already equipped with convenient pick-up connections. Simply plugs into detector socket. **List Price, \$1.00.**

2M13125—Your Cost **59¢**



WAFER TYPE

For radio sets having Grid Leak Detection. Fits beneath detector tube and has pin tips for inserting pick-up leads.

2M13126—Your Cost Each **23¢**

NEEDLE CUPS

Statuary bronze finish. Diameter 1 1/4 in. Open model has bowl only. Closed model has bowl and cover with hole.

2A130—Open Type **10¢**

Each **50¢**

2A131—Closed Type **15¢**

Each **\$1.50**

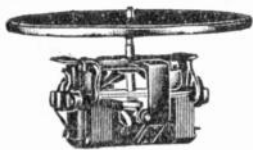
Per Dozen

EDISON PHONO NEEDLES

The best made. Steel. Medium, Loud or Extra Loud weight. 50 to the package.

2A190—Net per Pkg. **6¢**

10 Pkgs. for **55¢**

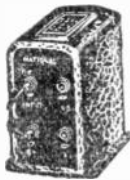


G. E. INDUCTION PHONO MOTOR

This motor has no brushes or commutator to create interfering noises in radio. Absolutely silent in operation. Powerful torque, instantaneous pickup. Even speed. Has governor and speed control. Extra heavy and sturdy. Suitable for heavy duty or home purpose. Simple three hole mounting, 12 inch turntable included. For 110 volt 50-60 cycle A.C. Shpg. Wt., 15 lbs. **2A113—List, \$25.00. \$5.95**
Your Special Price

NATIONAL SCRATCH FILTER

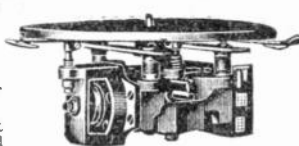
Filters needle scratches from electric pickups. Improves tone. Black crystalline case. Has standard pin tip jacks. Shpg. Wt., 2 lbs. **2A115—List, \$5.50. \$3.24**
Your Cost Each.....



New "Green-Flyer" Governor Controlled Two Speed Motor

33 1/3 or 78 R.P.M. for A.C. or D.C. Operation

A new induction type motor that may be adjusted for either old style recordings at 78 R.P.M. or the new 33 1/3 R.P.M. records. The shift from one speed to the other is accomplished by simply moving a lever. All gears are completely enclosed and run in oil. Silent spiral cut gears made from laminated Bakelite. Long over-size self lubricating bearings. Absolute uniformity of speed under severe variations of voltage and record drag. Will not overheat in closed cabinets. 10 inch turntable. Has dial and pointed needle indicator. Hardware nickel plated. Automatic stop available at slight extra cost. Shpg. Wt., 15 lbs. If 12 inch Turntable is desired with any motor listed, add 40c to net price and so specify.



With Two Speeds as described
2A100—For 105-120 volt 50-60 cycle A.C. List, \$25.00 \$8.75
Your Cost Each.....
2A101—As above for 110 volt D.C. operation. \$14.25
Your Cost Each.....
Without Two Speed Feature—
78 R.P.M. Only
2A102—For 105-120 volt 50-60 cycle A.C. \$6.95
Your Cost Each.....
2A103—As above for 110 volt D.C. operation. \$11.95
Your Cost Each.....
AUTOMATIC STOP
2A135—Automatic stop attachment for any above motors. \$7.50
Your Cost Each

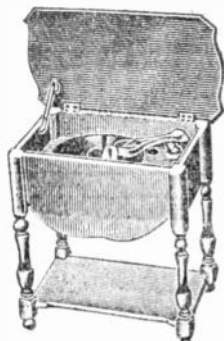
"BLUE FLYER" MOTORS

A slightly heavier and sturdier type than the "Green-Flyer". Recommended for non-synchronous sound or other heavy duty installations where a specially dependable motor is required. Very high torque, on actual test will out-pull any similar motor. Will not heat in enclosed cabinet. Complete with 12 inch turntable.

2A111—For 110-120 volt 50-60 cycle A.C. \$7.95
Your Cost Each.....
2A112—For 220-volt 50-60 cycle A.C. \$8.95
Your Cost Each.....
SPECIAL BLUE FLYER for 33 1/3 R.P.M.
For new style recordings and synchronous moving pictures.
2A114 \$9.75
Your Cost Each.....

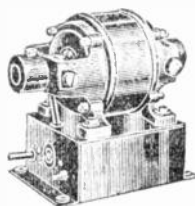
RCA VICTOR END TABLE ELECTROLA

The new RCA Victor End Table Electrola is a totally new and emphatically different kind of musical mechanism. In a cabinet of singular beauty and utility, it embodies a record-playing device identical in nearly every feature with the latest, most famous RCA Victor Combinations. It offers the sensational RCA Inert Tone Arm, which, because of its better tracking of the record grooves, brings out those delicate tones and subtle shadings which formerly were inaudible. It offers an ingenious pick-up which reproduces bass notes and treble with new and unbelievable clarity and fidelity. It includes the standard RCA Victor electric motor, a convenient record-radio transfer switch, a control knob for volume, and a record turntable that starts automatically and stops automatically. In short, with it and any electric receiver you have everything you need to reproduce either recorded programs or radio. Walnut veneer cabinet 16 ins. deep, 26 ins. wide and 24 1/2 ins. high. Complete with 8 ft. power cord and 20 ft. audio cable. Includes matching transformer. For 110 v. 50-60 cycle A.C. List Price \$39.50. **2Y19750—Your Special Price \$12.50**



JANETTE

Rotary Converters

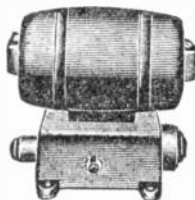


These sturdy and efficient Converters permit the operation of A.C. radios, small electrical appliances, etc., from a direct current source. They are equipped with a special filter which prevents converter interference from reaching the radio. If converter is not for use with radio and filter is not desired deduct \$7.00 from price. The 110 watt size will operate radios up to 9 tubes; the 150 watt size, for larger receivers and those using '50 type power tubes and the 300 watt size will operate any ordinary public address amplifier or vacuum cleaners, washing machines, heating pads and similar small apparatus.

Stock No.	Output watts	Input amps.	List	Your Cost
32 Volt D.C. to 110 Volt 60 Cycle A.C.				
2Y19800	110	6.5	\$49.50	\$35.00
2Y19801	150	8.5	\$44.50	\$38.75
2Y19802	300	15.	75.00	63.00
110-115 Volts D.C. to 110 Volts 60 Cycle A.C.				
2Y19803	110	1.9	49.50	35.00
2Y19804	150	2.4	64.50	38.75
2Y19805	300	4.0	75.00	63.00

ESCO Rotary Converters Complete with Filters

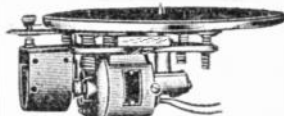
D.C. to 110 volt 60 cycle A.C.



For operating A.C. Radio Receivers and Amplifiers from direct current. Provides as good or better results as from 60 cycle A.C. lighting sockets. Objectionable noises in loud speaker are prevented by means of an efficient filter system. Wool packed sleeve bearings require very little attention. Completely protected construction. Plug receptacles. Rugged mechanical construction.

Stock No.	Watts output	Net weight	List Price	Your Cost
12 Volts D.C. to 115 Volts 60 Cycle A.C.				
2Y19809	150	65	\$82.00	\$62.50
32 Volts D.C. to 115 Volts 60 Cycle A.C.				
2Y19810	150	46	62.00	45.10
2Y19811	200	51	68.50	49.95
2Y19812	300	56	75.00	53.75
2Y19813	400	62	92.00	64.75
110 Volts D.C. to 110 Volts 60 Cycle A.C.				
2Y19814	120	37	50.00	36.25
2Y19815	200	46	66.50	48.25
2Y19816	300	51	72.00	52.25
2Y19817	500	62	92.00	64.75

We can supply converters of voltages and frequencies other than standard at slightly higher prices. Write us for information and prices on any Generator, Converter or Power Plant not listed on this page.



BODINE MOTORS

The Bodine RC-12 has a motor of greater power and quicker acceleration. The new totally-enclosed reduction gear has fewer parts and is more compact and efficient than last year's famous RC-10. Many other new refinements combine to make it one of the finest motors of its type. For use on A.C. 110 volt line only. Shipping weight 13 pounds.

2A108—List Price, \$25.00 \$7.50
Your Cost.....
BODINE SPECIAL 33 1/3 R.P.M.—
Especially designed for constant speed equipped with 12 inch turntable. Induction type for 110 volt, 60 cycles A.C. current.
2A109— \$7.50
Your Net Cost

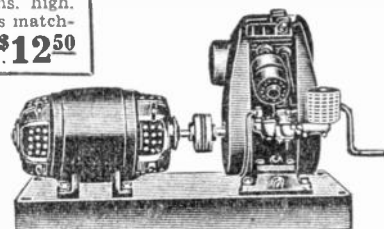


G. E. SYNCHRONOUS MOTOR

Synchronized to 60 cycle A.C. to rotate at 78 R.P.M. Speed never varies. Recordings made on table driven by this motor have absolutely correct pitch, thus allowing musical instruments to be played in tune with records so made. Motor has no brushes or commutator to create interference. Very silent in operation. Depth beneath baseboard 3 1/4 inches. Cast aluminum frame; silent fibre gears. Complete with 10 inch turntable. Shpg. Wt., 7 lbs.

2A107— \$2.75
Your Cost Each

ESCO Semi-Portable Gasoline-Electric POWER PLANTS



For Home or Farm use, Public Address Trucks, Yachts, etc. Oversize vertical air cooled motors. Splash and force feed lubrication. Bronze backed babbitt bearings. Air cleaner prevents dust from being drawn into motor. Generators rated for continuous operation with wide safety margin. Both motor and generator have protective end coverings. Ball bearing generator. Coupling specially designed to prevent whip between motor and generator. Channel iron base. "V" ring commutator. Drip-proof construction throughout. Delivers 110 volt 60 cycle A.C., single phase.

Stock No.	V-A Output Net Wt.	Your Cost
2Y19822	250	155
2Y19823	500	220
2Y19824	750	325
2Y19825	1200	410

Above prices cover motor and generators only; if Filter System and Switch Board are desired order from following list.
2Y19827—Switch Board with all live parts completely enclosed in steel boxes, a voltmeter and switch, fuses and regulator for controlling voltage. For any of the above plants. \$23.50
Your Cost.....
2Y19828—Filter System for preventing interference from Generator reaching radio or amplifier. For 250 and 500 V. A. plants. \$18.25
Your Cost.....
2Y19829—Filter System for 750 and 1200 V. A. plants. \$23.50
Your Cost.....

YOU CAN SERVICE OVER 250 TYPES OF RECEIVERS

With These

Truest POWER TRANSFORMERS

SERVICEMEN Here is a family of transformers that will simplify the most irksome and frequent problem that you have to deal with that of providing the proper replacement for an unending variety of receivers that find their way to your workbench because of defective power supply units.

HERE ARE TRANSFORMERS so ingeniously designed and so expertly built that there is hardly a receiver of standard make that can not be honestly and economically serviced by means of one of the three types listed on this page. We say *Honestly* because we know their electrical characteristics to be right by actual use, and because we know them to be a quality product of a reputable manufacturer. We mention *economy* to call your special attention to the very low price we are asking for them.

WE'VE MADE SERVICING EASIER FOR YOU by giving you an authoritative list of a considerable number of receivers in which these transformers may be legitimately used. To find the proper transformer for any particular set you simply have to scan these lists and quote us our stock number.

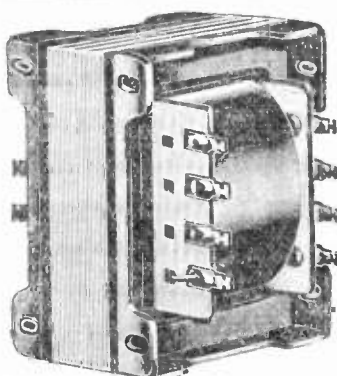
YOU ARE PREPARED FOR ANY EMERGENCY by carrying one or two of each of these types on your shelves at all times, one each enables you to service one of OVER 250 DIFFERENT SETS on short notice.

NO FINER UNITS FOR NEW SETS. If you are a custom set builder we assure you that you would want no finer transformers than one of these for your job. Their universal type of mounting and compactness makes them ideal for practically any layout or circuit.

TYPE 987

Supplies filament and plate voltages for the following tubes: 6-27s, 24s or 35 Variable-Mu's, 2-45s and 1-80. 350-550 volts at 135 mls., 5 v. at 2 amps., 2½ volts at 3 amps. C.T. 2½ volts at 10½ amps. C.T. Size (See legend of size on Type 986) A-4 inches, B-3½ inches, C-4½ inches, D-1½ inches to 2½ inches, E-2½ or 2½ inches, F-3-7/32 or 3-19/32 inches.

All-Amer. Mohawk	Model 95
Apex	Model 31
Atwater-Kent	Models 55, 55C
Brandes	Models B-15, B-16 (Late Models)
Bosch	Models 48, 58, and 60
Browning-Drake	Models 69, 70, 71
Brunswick	Models 15 and 22
Bush and Lane	Models 10, SG 12
Colonial	Model 32
Clarion	Models 51, 53, 55 AC
Columbia	Model SG 8
Crosley	Models 30S, 31S, 13S, 34S, 41S, 42S, 82S
Earl	Models 31S, 32S, and 41S
Eria	Models 24S, SG 234 AC
Eveready	Model I 40



TYPE 987—Shpr. Wt. 9 lbs.
2C1475—

\$215

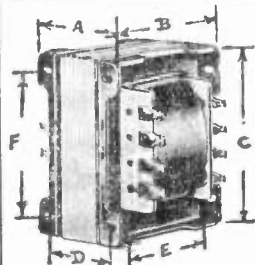
Fada	Models 25, 35, and 40
Freed-Elsemann	Models NR 90 and 95
Freshman	Models 31S, 32S, and 41S
General Electric	Models 31-51 and 71
General Motors	Model "A" Chassis
Gilfillan	Model 100
Graybar	Models 700-770 and 900
Grebe	Model SK4
Gulbransen	Model 7 Champion Jr.
Howard	Models SG "A" - "C"
Kellogg	Models 523 and 526
Kennedy	Models 10, 20, 26, 30, 32
King	Model Royal 97
Kolster	Model K-43 (45s)
Majestic	Models 90B, 100, 100B, 130A, 230A
Montgomery-Ward	Models 2822, 3035
Philco	Models 73, 76, 77, 90, 92, 95, 96
Pilot	Model K-1117
RCA Radiola	Models 44, 46, 47, 66, 80
Silver-Marshall	Models 34A, 35A
Stewart-Warner	Models 900-950 Series
Stromberg-Carlson	Models 641, 642, 846, 848
Temple	Models 8-60, 8-61, 8-80, 8-81
Victor	Models 35, 39 and 57
Zenith	Models 50, 60, 70 Series

TYPE 986

Supplies filament and plate voltages for the following tubes: 4-26s, 1-27, 2-71As and 1-80. 2½ volts at 1½ amps. C.T. 1½ volts at 42 amps. 5 volts at 1½ amps. C.T. 5 volts at 2 amps. 285-285 volts at 85 mls. Size A-3½ inches, B-3¼ inches, C-3¼ inches, D-1¾, to 2½ inches, E-2½ or 2½ inches, F-3½ or 2½ inches. Shpg. Wt., 7 lbs.

2C1476—

\$275

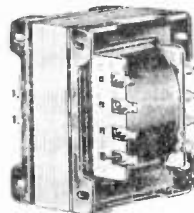


TYPE 952

A special universal mounting type Transformer especially designed for midget sets. In addition to the several makes and models listed below there are hundreds of other receivers that can be properly serviced with this Transformer; in fact any AC receiver using up to four 27s, 24s or Vari-Mu's one 45 and one 80. Voltages: 315-315, at 60 mls; 2½ at 8½ amps; C.T. 2½ at 1½ amps. C.T. 5 at 2 amps. Size (See legend of size on Type 986) A-3½ inches, B-3¼ inches, C-3¼ inches, D-1¾, to 2½ inches, E-2½ inches to 2½ inches, F-3½ inches or 2½ inches. Shpg. Wt., 7 lbs.

2C1477—

\$275



Capacity and Voltages Suitable for Following Sets

A. C. Dayton	Model AC 63
Aeae Electric Co.	Model AC 7
Amrad Corp.	Model AC 7
Arbophone	Model 45 and 55
Bremer-Tully	Model B-T 6-40, 7-70, 7-71
Brunswick	Model 5 KR, 5 KRO, 2 KRO, 3 KRO, 5KR6
Columbia	Model C1, C2, C3, C4, 930
Crosley	Model 608, 704A, 704B, 706, 610, 609AC, 41A, 41AC
Chas. Freshman Co.	Model G
General Motors	Model 5077, 5080
Graybar	Model 311
Grebe	Model 100
Howard	Model 8 Green Diamond
King	Model J, H
Kolster	Model 6K-AC, 7-AC, K-20, 22, 25, 27, 37, 42
Pilot	Model K108
RCA Victor	Model 7-11, 7-25, 7-26, 17-8
Radiola	Models 17, 18, 33, 50, 51
Spiltdorf	Model Abbey 171
Standard Radio	Model 29
Steinlite	Model 291, 262
U. S. Radio & Television	Model 80
Zenith	Model 11E, 14E

Capacity and Voltages Suitable for Following Sets

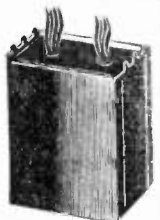
Advance Electric Co.	Gilbert, R. W.	Premier Electric Co.
Falcik Model 77, 88	Model 69	Home-Pal Model
Aetichison Radio Company	Gray & Danielson	Premier Radio Co.
Model 12	Remler Cameo Model	Midget Model
Automatic Radio Co.	Griffin-Smith Mfg., Ltd.	Remler Division Gray and
Tom Thumb Model	Royale Model	Danielson
Nathaniel Baldwin, Inc.	Hyatt Electric Corp.	Cameo Model 14
Baldwinette Model	Model AC-7	Republic Radio Co.
Brown and Manhart	Johnson Bell Co.	Model 31-M, 31-J
Ranger Model 44	Model 62	Seeley Electric Co.
Cardinal Radio Co.	Jewell Mfg. Co.	Model 5, 6
Model 70, 80	Model M	Simplex Radio Co.
Carteret Radio Lab	Keller-Fuller	Model H
Model AC-7, AC-8,	Radiette Model 14-F	Fred Steinh
DC-HW	Kemper Radio Co.	Model 1300
Champion Radio	Kompak Model 80	Steinlite Mfg. Co.
Model S2	Master Radio Co.	Model 410
Crosley Radio Co.	Master Model 424	Sterling Mfg. Co.
Buddy Model	McCormick	Model F-1-60
Echophone Radio Mfg. Co.	Midget Model	Transformer Corp. of
Echophone Model	Mission Bell Radio	America
Elmore Lambing Co.	Dewald Model 524	Clarion Jr. Model
Singer Model	Plymouth Radio Corp.	Traveler Mfg. Co.
Federated Purchaser	Model 3	Model B
Meliorad Cathedral-	Patterson Radio Corp.	U. S. Radio & Television
Tone Model	Model 5-69, 7-69	Apex Model 27
Flint Radio Co.	Pierce Alro, Inc.	Waltham Radio Corp.
Midget	Model 31	Model 31
Ford Radio Co.	Powell Mfg.	Wholesale Radio Service
Model A	Cathedral Model	Company
J. French & Sons Piano Co.		Lafayette Midget
Junior Model		Model

RCA VICTOR-RADIOLA and Stromberg Carlson POWER TRANSFORMERS

Radiola Models 17, 18, 33, 50, 51; Brunswick 2KR0, 3KR0, 3KR6, 5KR, 5KR0, 5KR6; Victors 7-11, 7-25, 7-26, 17-8;

Graybar 311

R.C.A. PART NO. 8335



This is the genuine power transformer for the above models utilizing, 4-26s; 1-27; 1-71A and 1-80. For 50-60 cycle operation. Shpg. Wt. 9 lbs.

2C2150—Your Cost.....\$1 80

Same as above except for 25 cycle operation. RCA part No. 8340 Shpg. Wt. 11 lbs.

2C2151—Your Cost.....\$3 25

Radiola Models 44, 46, 47

Identical to above in appearance. A Quality Transformer in every respect; built exactly like the original RCA part No. 8472, for 3-24s; 1-45, and 1-80. Brand new and guaranteed to equal the original in service. Shpg. Wt. 10 lbs.

2C2152—Your Cost Each.....\$3 25

For Radiola Models 60 and 62 Brunswick 3NC 8 and 5NC 8 Graybar Model 60

Identical to above in appearance. An exact duplicate of RCA part No. 8314, and the correct replacement for the above receivers. For use with 7-27s, 1-71A, and 1-80. Brand new and guaranteed. Shpg. Wt. 11 lbs.

2C2153—Your Cost Each.....\$3 25

Radiola Model 66 RCA Auditorium Phonograph Graybar Model 600

Identical to above in appearance. An exact duplicate of RCA part No. 8483 and the correct replacement for the above receivers. Utilizing 6-27s; 1-45 and 1-80 tubes. Shpg. Wt. 11 lbs.

2C2154—Your Cost.....\$3 50

Victor Models 35-39-57 Radiola Models 80-82-86 Graybar Models 700-770-900 General Electric 31-51-71 Westinghouse Models WR 5-6-7

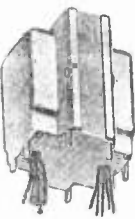
Genuine replacement power transformer. Identical to above in appearance. For the above receivers, utilizing, 4-24s; 2-27s; 2-45s and 1-80 tubes. RCA part No. 8556 Shpg. Wt. 12 lbs.

2C2156—Your Cost.....\$2 65

Radiola Models 12 and 48 Victor Models 14, 15 and 17 Westinghouse Model WR-4 General Electric Model T-41

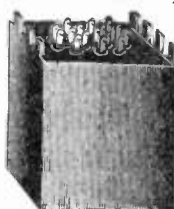
The genuine RCA power transformer for the above receivers, utilizing, 4-24s; 2-45s and 1-80 tubes. Brand new and guaranteed. RCA part No. 8699. Shpg. Wt. 8 lbs.

2C2155—Your Cost.....\$2 75



GENERAL ELECTRIC WESTINGHOUSE BRUNSWICK GRAYBAR

BRAND NEW VICTOR REPLACEMENTS For Models R-32, RE-45, R-52, RE-75



Guaranteed For 1 Year These transformers are designed and built by a nationally known manufacturer according to our exacting standards. It will faithfully supply all filament and plate voltages for the following tubes: 6-26s; 1-27; 2-45s, and 1-80. The secondary or high voltage winding has larger size wire and heavier in construction than the original Victor Power Transformer, and will stand more service abuses and over-loads. Terminal lugs are numbered exactly like original. We guarantee that this power transformer will out-perform any Victor replacement now on the market. They are individually packed. Remember these are not surplus merchandise and should not be confused with them. The physical size is the same as original. Shpg. Wt. 12 lbs.

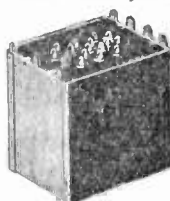
2C2185—Your Cost, Special.....\$3 45

VICTOR "ABC" POWER TRANSFORMER

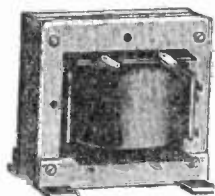
For Models R-32, RE-45, R-52, RE-75

This is the original Victor ABC power transformer used in the above models. Utilizing, 6-26s; 1-27; 2-45s, and 1-80. These have been removed from Victor amplifiers, but are guaranteed in perfect operating condition, electrically. Shpg. Wt. 11 lbs.

2C2158—Your Cost.....\$1 45



EVEREADY POWER TRANSFORMERS



30 Series

Identical in size and electrical characteristics as the original. For sets, utilizing, 5-27s; 2-71As and 1-80 tubes. Shpg. Wt. 9 lbs.

2C2283—Your Cost.....\$3 50

40-50 Series

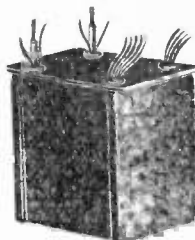
Similar in appearance to above. For sets, utilizing, 5-27s; or 24s; 2-45s and 1-80 tubes.

2C2284—Your Cost.....\$2 80

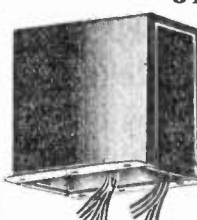
STROMBERG-CARLSON Models 635-636

The genuine Stromberg-Carlson power transformer. Utilizes, 5-27s; 1-71A, and 1-80. When our limited supply is exhausted, replacements will be furnished identical to the original in every respect. Shpg. Wt. 12 lbs.

2C2256—Your Cost.....\$4 25



Models 641-642-652-654-846-848



Designed according to specifications of the original part, both in electrical characteristics and size. For the models utilizing, 3-24s; 1-27; 1-45 and 1-80. Shpg. Wt. 12 lbs.

For Models 641-642-652-654

2C2257—Your Cost.....\$3 65

For Models 846-848

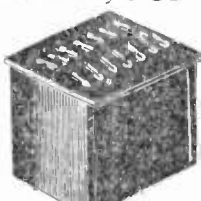
For models utilizing 3-24s; 3-27s; 2-45s, and 1-80. Shpg. Wt. 14 lbs.

2C2258—Your Cost.....\$4 50

Radiola Models 64-67 Victor Models 9-18, 9-54

Designed according to specifications of the original RCA part No. 8374, utilizing, 8-27s; 1-50 and 2-81s. Guaranteed. Shpg. Wt. 12 lbs.

2C2157—Your Cost.....\$9 95



ORIGINAL ZENITH POWER TRANSFORMER 50-60-70 Series ZE-50, ZE-60 ZE-70, Power Units

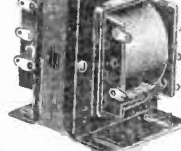
The original Zenith No. 95-67 Replacement Power Transformer used in the above model receivers. Furnishes filament and plate voltages for the following tubes: 3-24s; 3-27s; 2-45s, and 1-80. Shpg. Wt. 11 lbs.

2C1980—Your Cost.....\$4 25



GENUINE ZENITH POWER TRANSFORMER NO. 95-33

For Models 33, 33X, 34, 34X, and 35-A ZE-10 Power Unit



Supplies filament and plate voltages for the following tubes: 5-27s, 24s, or 35s; 1-71A, and 1-80. Delivers 220 to 240 volts D.C. at 50 mls. using 2 and 4 mfd. condensers respectively in the filter circuit. If a 150 ohm choke is used ahead of the condenser, the D.C. voltage will be approx. 190. Size 4 1/2" x 4 1/2" x 3 1/2" inches. Shpg. Wt. 7 lbs.

2A227—Your Cost Each.....\$2 25



Majestic

PLATE TRANSFORMERS 70 SERIES

7 BP 6 power pack

- ① Brand New. Made by Majestic. Part No. 67.
Shpg. Wt., 6 lbs. **\$1.25**
2C2104—Your Cost

Filament Transformer for 70 Series

7 BP power packs

- ① Similar in appearance to above. Original Majestic part No. 61. Brand new. Shpg. Wt., 6 lbs.
2C2105— **\$1.25**
Your Cost

Filament & Plate Transformer 90 Series 90 Series 9 BP 6 Power Packs

- ② Original Majestic Part No. 436. Brand new and guaranteed. Shpg. Wt., 15 lbs. **\$2.25**
2C2100—Your Cost

DOUBLE CHOKE FOR 70 SERIES

7 BP 6 power pack

- ③ Original Majestic Part No. 66. Brand new and guaranteed. Shpg. Wt., 8 lbs. **95¢**
2C2101—Your Cost

DOUBLE CHOKE FOR 180 SERIES

8 P6 Power Pack

- ③ Similar in appearance to above. Original Majestic part No. 626. Shpg. Wt., 8 lbs. **95¢**
2C2102—
Your Cost

DOUBLE CHOKE FOR 90 SERIES

9P6 Power Pack

- ③ Similar in appearance to above. Original Majestic part No. 281 Shpg. Wt., 8 lbs. **\$1.25**
2C2103—
Your Cost

PUSH-PULL OUTPUT TRANSFORMER MAJESTIC 70 SERIES

- ④ Original Majestic part No. 64. Brand new and guaranteed. Shpg. Wt., 3 lbs. **75¢**
2C2106—Your Cost

PUSH-PULL OUTPUT TRANSFORMER MAJESTIC 90 SERIES

- Same appearance as above. Original Majestic Part No. 134. Shpg. Wt., 3 lbs. **75¢**
2C2107—Your Cost

BY-PASS CONDENSER

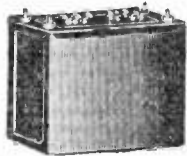
MAJESTIC 70, 90, 180 SERIES

- ⑤ By-Pass condenser. .5 .5 mfd. Original Majestic part No. 717. Shpg. Wt., 1 lb. **29¢**
2C2108—Your Cost



POWER TRANSFORMER COLUMBIA MODEL S.G. 8

An exact duplicate of the original power transformer for the Screen Grid 8 Model of Columbia Radio Corp. Utilizing. 3-24s; 2-27s; 2-45s, and 1-80 tubes. Shpg. Wt. 15 lbs.



2C2305 **\$4.25**
Your Cost

EDISON MODELS R-6, R-7

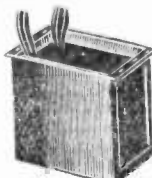


Made for use in Edison Models R-6, and R-7. Has terminal arrangement like the original, also same in size and mounting. Utilizing. 3-24s; 3-27s; 2-45s, and 1-80 tubes. Shpg. Wt. 10 lbs.

2C2306 **\$4.50**
Your Cost

MAJESTIC 90-B and 100-B

Made exactly like the original Majestic part. Both filament and plate transformer in one container. Set utilizes. 5-27s; 2-45s and 1-80 tubes. Shpg. Wt. 15 lbs.



2C2127— **\$4.75**
Your Cost

MAJESTIC 25 SERIES



The original power transformer. made for the above Majestic Series. Utilizes. 3-51s; 3-27s; 2-47s, and 1-80 tubes. Shpg. Wt. 11 lbs.

2C2128— **\$2.25**
Your Cost, Special



For Brandes Models

B10, B11, B15, B16

These power transformers are the Official Replacement used in the above Brandes Receivers. All brand new and guaranteed. Shpg. wt. 10 lbs.

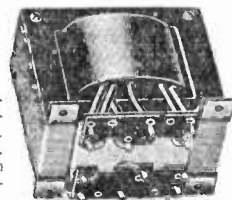
B10 and B11

Supplies filament and plate voltages for the following tubes: 5-27s; 1-71A; 1-80. **\$3.45**
2C2050—Your Cost

B15 and B16

Supplies filament and plate voltages for the following tubes: 5-27s; 2-45s; 1-80. **\$4.70**
2C2061—Your Cost

COLUMBIA KOLSTER Models



These transformers are the official replacements for Kolster and Columbia Receivers. Brand new and Guaranteed. Blue print is furnished with each transformer. Our quantity is limited.

For KOLSTER Models: K-20, K-21, K-22, K-23, K-25, K-27

Utilizing the following tubes: 4-26s; 1-27; 1-71-A, 1-80. (K-21 and K-23 uses 5-26s) shpg. wt. 9 lbs. **\$4.95**
2C2052—50-60 Cycle (Kolster No. A11010) **\$4.95**
Your Cost

2C2053—25 cycle (Kolster No. 12010) shpg. wt. 12 lbs. **\$5.95**
Your Cost

For Kolster Model K-24

Utilizing the following tubes; 5-26s; 1-27; 1-10, and 2-81s. 50-60 Cycle Shpg. wt. 11 lbs. **\$5.50**
2C2054—
Your Cost

For Kolster Models K-43 and K-48

Utilizing the following tubes: 3-24s; 2-27s; 2-45s, (or 2-71-As) and 1-80 50-60 Cycle. **\$4.75**
2C2051—(kolster No. 2865) Shpg. wt. 9 lbs. **\$4.75**
Your Cost

For KOLSTER Model K-44

Utilizing the following tubes: 3-24s; 2-27s; 2-45s, and 2-81s. shpg. wt. 14 lbs. **\$6.75**
2C2055—(Kolster No. A 288010) **\$6.75**
Your Cost

For COLUMBIA Model C500

2C2056—25-60 Cycle (Columbia No. A-3210) Shpg. wt. 17 lbs. **\$6.75**
Your Cost

For COLUMBIA Model 930-300

Utilizing the following tubes: 1-26; 1-10, and 2-81s. 50-60 Cycle. shpg. wt. 10 lbs. **\$4.95**
2C2057—(Columbia No. A-8410) **\$4.95**
Your Cost

For COLUMBIA Model 931

Utilizing the following tubes: 1-24; 1-50, and 2-81s. 50-60 cycle. shpg. wt. 13 lbs. **\$5.95**
2C2058—(Columbia No. 157010) **\$5.95**
Your Cost

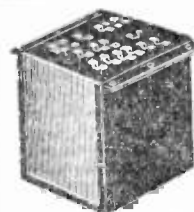
For COLUMBIA Model 950

Utilizing the following tubes: 4-26s; 1-27; 1-50, and 1-81. 50-60 cycle shpg. wt. 14 lbs. **\$4.65**
2C2059—(Columbia No. 0168010) **\$4.65**
Your Cost

EDISON

Models R-4 R-5 C-4

These power transformers are identical to the original Edison part, both in size and electrical characteristics. Fully shielded with connecting lugs on bottom. Holes for mounting are, center to center, 4 1/4", size 5x5 1/2x5, shpg. wt. 10 lbs. Supplies filament and plate voltages for the



following tubes; 5-27s; 2-45s, and 1-80, for 50-60 cycle operation. **\$4.75**
2C2251—Your Cost

2C2252—For 25 cycle operation. **\$5.75**
Your Cost

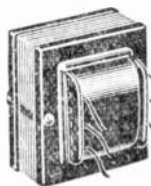
SPARTON

POWER TRANSFORMERS

These power transformers are made by Thordarson, all new merchandise and fully guaranteed; designed according to specifications of the originals except to withstand more service abuses and over-loads. Fits the chassis exactly in all Sparton Receivers. These are not surplus and should not be confused with units selling at a lower price.

Models AC-7, 62 and 63

Sparton Nr. B-1151



Official replacement for the above Sparton models, using 5-C-401s; 2-71-As; and 1-Raytheon type tubes. Shpg. Wt. 7 lbs.
2A229—Your Cost.....**\$240**

Models 69, 79, 79-A and 89 Sparton Nr. B-1938

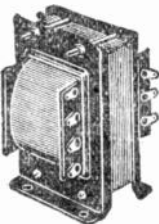
Identical in appearance to above transformer. Utilizing 6-484s; 1-C585 or C586, and 1-C-280 tubes. Shpg. Wt. 7 lbs. **\$298**
2A230—Your Cost.....

Model 930

Sparton Nr. B-2249

Identical in appearance to above. Utilizing 6-C-484s; or 485s; 2-C-182s, 182-Bs or 183s, and 1-C-280 tubes. Shpg. Wt. 7 lbs. **\$195**
2A228—Your Cost.....

Model 89-A Sparton Nr. C-292



Replacement power transformer for the above receiver. Utilizing 6-C-484s or 485s; 1-C585 or C-586 and 2-C-281s. Shpg. Wt. 8 lbs.
2A231—Your Cost.....**\$598**

Models 109 Sparks Ensemble and Deluxe Sparton Nr. C-257

Identical in appearance to above. Utilizing 6-C-484s; 2-26s; 2-C-585s, and 2-C-281s. Shpg. Wt. 8 lbs. **\$598**
2A232—Your Cost.....

Models 101, 110, 111, 574 and 870

Sparton Nr. C-374 C-398

Identical in appearance to above. Utilizing 6-C-484s; 2-26s; 2-C-585s, and 2-C-281s. Shpg. Wt. 8 lbs. **\$882**
2A233—Your Cost.....

Models 589, 591, 593, 931

Sparton Nr. B-2339



Replacement for the above models utilizing 7-C-484s, or 485s; 2-C-182s or C-183s, and 1-C-280 tubes. Shpg. Wt. 10 lbs.
2A234—Your Cost.....**\$412**

Models 301, 561 570 and 750. Part B-2538

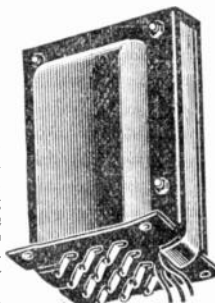
Similar in appearance to above transformer. Utilizing 7 C-484s or 485s; 2 C-585s or 586s and 2 C-281s. Shpg. Wt. 10 lbs. **\$706**
2A235—Your Cost.....

Models 600, 610, 620 and 737 Sparton Nr. B-2791

Similar in appearance to above transformer. Utilizing the following tubes: 7 C-484s or 485s; 2 C-183, and 1 C-280. Shpg. Wt. 10 lbs. **\$706**
2A236—Your Cost.....

PHILCO POWER TRANSFORMERS

These power transformers are designed for Philco Replacement. Guaranteed to be equal or superior in quality to the original. They cover a wide range in tube combinations, and are an ideal replacement power transformer for most of the popular make receivers on the market. The usual method of installing this transformer makes possible a very neat arrangement with all the wiring out of sight under the base panel. This arrangement also makes for greater safety as it prevents the possibility of accidental shorts. Has a Black enameled steel case, with a flange for mounting, holes for mounting are spaced, center to center 3x2 3/4. Designed and built rigidly to stand an overload, by a nationally known manufacturer. Size 3 3/4 x 4 1/4 x 6. Average shipping weight 9 lbs. Blue print of hook-up furnished with each transformer.



For Models No. 20 and 220
Uses 3-24s; 1-27; 2-71As, and 1-80.

2C1955—(Philco No. 4234) **\$285**
Your Cost.....

For Model No. 65
Uses 2-24s; 1-27; 2-45s, and 1-80.

2C1956—(Philco No. 3516) **\$285**
Your Cost.....

For Models No. 70, 270 and 470
Uses 4-24s; 1-27; 2-45s, and 1-80.

2C1957—(Philco No. 5117) **\$285**
Your Cost.....

For Models No. 73, 76 and 77
Uses 3-24s; 1-27; 2-45s, and 1-80.

2C1958—(Philco No. 3868) **\$285**
Your Cost.....

For Model No. 87 A
2C1959—(Philco No. 3400)

Uses 4-26s; 1-27; 2-45s, and 1-80. **\$285**
Your Cost.....

For Models No. 82 and 86
Uses 4-26s; 1-27; 2-45s, and 1-80.

2C1960—(Philco No. 3271) **\$285**
Your Cost.....

For Model No. 90
Uses 4-24s; 2-27; 2-45s, and 1-80.

2C1961—(Philco No. 4938) **\$285**
Your Cost.....

For Models No. 92, 95 and 296
Uses 3-24s; 3-27s; 2-45s, and 1-80.

2C1962—(Philco No. 3752) **\$285**
Your Cost.....

For Models No. 111, 211, 112 and 212
Uses 4-24s; 4-27s; 2-45s or 47s and 1-80.

2C1963—(Philco No. 4446) **\$285**
Your Cost.....

For Models
Nos. 511, 521, 531, 541, 551, 561, 571, 581

Uses 4-26s; 1-27; 2-45s, and 1-80. **\$285**
2C1964—(Philco No. 3073)

Your Cost.....

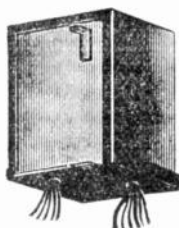
ATWATER-KENT

Models 55-55c-60-60c

This transformer is the identical to the original A. K. part. Utilizes the following tubes, 3-24s; 2-27s; 2-45s, and 1-80. Size 4x5x1 1/2" shpg. wt. 11 lbs.

Stock No. 2C2250

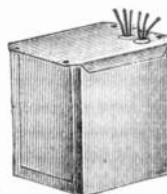
\$4.25



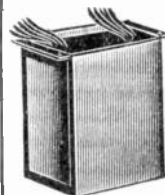
GENERAL MOTORS

Models 120, 130, 140, 150, 160.

An exact duplicate of the original General Motors power transformer. Self-contained in a durable metal case, fits the chassis exactly. For 3-24s; 2-27s; 2-45s, and 1-80. Shpg. Wt. 10 lbs.
2C2278—**\$395**
Your Cost.....



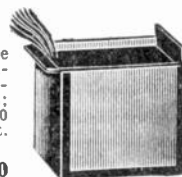
FADA Models 10, 11, 30, 31



An exact duplicate of the original Fada Power Transformer No. 1696-x. Utilizing 5-27s; 1-71A and 1-80. Shpg. Wt. 9 lbs.
2C2277—**\$350**
Your Cost.....

STEINITE

Models 40 and 50



An exact duplicate of the original Steinite power transformer. Utilizing 5-27s; 2-71As, and 1-80 tubes. Shpg. Wt. 10 lbs.
2C2276—**\$340**
Your Cost.....

Jefferson Power Compact with Heavy Duty Choke

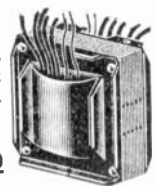
For 5-27s; 24s; or 35s; 2-45s, and 1-80.



The Jefferson Power Pack consists of a standard Jefferson power transformer and a heavy duty choke sealed in a compact metal container. Can be used in many receivers as a replacement power transformer using the above combination of tubes. 110-120 volts, 50-60 cycle. 700 volts, high voltage at 110 mills. C.T. Size, 7 in. long, 3 1/2 in. wide, 5 1/2 in. deep. Bottom brackets for convenient mounting. Shpg. Wt. 19 lbs. **\$295**
2C1730—Your Cost. Special.....

AMRAD BEL-CANTO Model 81

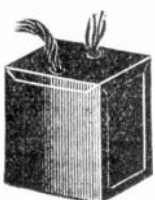
The original Amrad power transformer, utilizing 3-24s; 2-27s; 2-45s, and 1-80 tubes. Shpg. Wt. 12 lbs.



2C2281—**\$340**
Your Cost.....

ATWATER-KENT Models 37-38

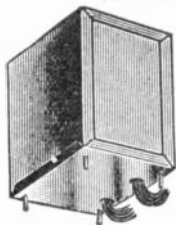
For replacement in the above receivers; this transformer is guaranteed to give satisfaction; built along the lines of the original, except with a larger safety factor. Utilizes: 4-26s; 1-27; 1-71A; 1-80; Size, 5x3 3/4x 4 1/4 ins. Shpg. Wt. 9 lbs.



2C2255—**\$220**
Your Cost.....

BOSCH POWER TRANSFORMERS

Model 28



Built according to the specifications of the original. Has mounting bolts in the four corners to fit the chassis exactly. For sets using 4-26s; 1-27; 2-71As and 1-80. Shpg. Wt., 10 lbs.
2C2254—Your Cost **\$3.95**

Model 48

Similar in appearance to above, for sets using 3-24s; 1-27; 2-45s and 1-80 tubes. Shpg. Wt., 13 lbs.
2C2260—Your Cost **\$3.75**

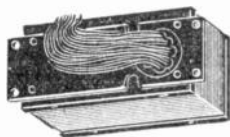
Model 58

Similar in appearance to above, for sets using 4-24s; 1-27; 2-45s and 1-80 tubes. Shpg. Wt., 13 lbs.
2C2261—Your Cost **\$3.75**

Model 60

Similar in appearance to above, for sets using 5-24s; 1-27; 2-45s and 1-80. Shpg. Wt., 13 lbs.
2C2262—Your Cost **\$3.95**

FRESHMAN REPLACEMENT Power Transformers



The original replacement power transformers for Freshman Models "Q" and "Q-D" sets using 1-22; 1-26; 1-27; 1-71A and 1-80 tubes. Size, 6 1/4 x 3 x 4 inches deep. Shpg. Wt., 9 lbs.

FOR "Q" RECEIVERS

2C2263—60 cycle **\$2.25**

Your Cost **\$4.95**

2C2273—25 cycle **\$4.95**

Your Cost **\$5.45**

FOR "QD" RECEIVERS

2C2264—60 cycle **\$4.10**

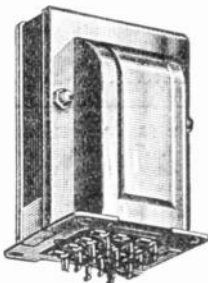
Your Cost **\$5.45**

2C2274—25 cycle **\$5.45**

Your Cost **\$5.45**

Zenith Power Transformers Super-Het. Models 10, 11, 12

For sets utilizing 4-24s; 1-27; 2-45s, and 1-80 tubes. Shpg. Wt., 10 lbs.
2C1981—**\$2.75**
Your Cost.



For Models 102, 112, 122

Same tubes as above, 25 cycle operation.
2C1982—**\$3.75**
Your Cost.

EDISON Power Transformer

This is an ideal transformer for all power pack replacements including Electric phonograph Amplifiers and Public Address systems. Has 2 1/2 v at 9 amps. 2 1/2 v. at 3 amps. c.t.—5 volts at 2 amps. 375/375/ at 150 m.a. Primary. 50-

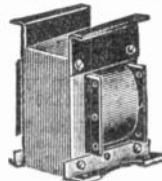
60 cycle. 110 volt. Shpg. Wt. 11 lbs. **\$2.50**

2C2292—Your Cost **\$2.50**

Same as above, except for 25 cycle operation. Shpg. Wt. 14 lbs. **\$3.50**

2C2253—Your Cost **\$3.50**

ZENITH PLATE TRANSFORMER ZE-18 POWER UNIT



Models 35PX, 35APX, 37-A
Part No. 95-61
High voltage winding and 7 1/2 volt winding for 2-81s. Has mounting bracket for choke like the original part. Shpg. Wt., 6 lbs.
2C1983—**\$4.45**
Your Cost

RADIART S. W. CONVERTER POWER TRANSFORMER

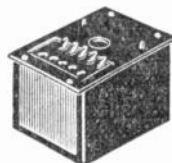
2-27s, 2-4s, or 35s; 2 1/2 v. for 27 rectifier. 200 v. a.c.

Flush mounting type suitable for the Short Wave converter and small sets using little power. Delivers about 150 volts D. C. Size, 3 1/2 x 2 1/2 x 2 1/2 inches. Shpg. Wt. 3 1/2 lbs.

2C1966—**\$1.40**
Your Cost

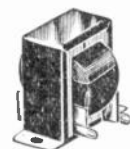


SONORA MODEL A-31



Fits exactly in chassis as the original Sonora Power Transformer using a Genuine Thordarson transformer. For sets, utilizing 4-24s; 1-27; 2-45s, and 1-80 tubes. Shpg. Wt., 14 lbs.
2C2275—**\$3.40**
Your Cost

DONGAN MIDGET CHOKE 20 H. 60 M. A.



Genuine Dongan Filter Choke. Designed for use in midget sets or where space is limited. 20 henry at 60 mds. d. c. resistance, 150 ohms. Size, 1 1/2 x 2 x 2 1/4 inches high. Mounting centers, 2 1/2 inches. Shpg. Wt., 3 lbs.
2C1600—**49c**
Your Cost

RADIOLA DOUBLE CHOKES Models 18-33-51 Part No. 8336

This heavy duty, rugged Filter Choke is the ideal choke for all types of filter circuits, power amplifiers, eliminators, transmitters and power packs. When connected in parallel, you have 30 henries at 200 mds. In series, 60 henries at 100 mds. Each choke has a 1000 volt insulation test. D. C. resistance 500 ohms. Fully shielded in metal case with special insulating compound. Size, 5 1/4 x 3 3/4 x 2 7/8 inches. Shpg. Wt., 6 lbs.

2C2171—Your Cost **48c**

For Radiola Models 17 and 50

2C2181—RCA No. 8288

For Radiola Models 60 and 62

2C2182—RCA No. 8345

For Radiola Models 44-46-47

2C2183—RCA No. 8475

For Radiola Model 66

2C2184—RCA No. 8486

Your Cost, Either Above Chokes.... **\$1.75**

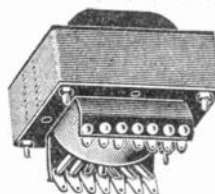
Tube Tester Transformer
Supplies 1 1/2, 2 1/2, 5, and 7 1/2 volts at 2 amps. from single winding.

Ideal as replacement in tube testers and also for laboratory experimental use. The 2 and 3 volt tubes can be tested on the 1 1/2 and 2 1/2 volt taps. Size, 3 1/4 x 2 1/4 x 2 inches. Shpg. Wt. 4 lbs. **\$1.40**

2C1987—Your Cost **\$1.40**

POLYMET FLAT MOUNTING POWER TRANSFORMER

For: 5-27s, 2-4s, or 35s; 2-45s, or 47s pentodes, and 1-80 Tubes



A heavy duty power transformer ideal for replacement in commercial sets using the flat mount type. Windings terminate with lugs on an insulated terminal strip. Has sufficient filament and plate voltages to supply any combination of the above tubes. Finished in Japanned black. Size 4 1/2 x 3 3/4 x 4 inches. Shpg. Wt. 10 lbs. **\$2.45**
2C1480—Your Cost

THORDARSON "PENTRAN" MIDGET TRANSFORMER

For: 4-27s, 2-4s or 35s; 1-45 or 47 pentode and 1-80 tubes

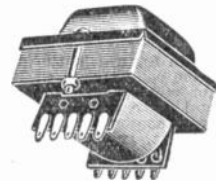
An unusual compact and dependable power transformer, adaptable for replacement in many commercial receivers, designed accurately and skillfully to cover every requirement of the pentode tube. Primary 115 volts, 60 cycle, 483 v. each side C.T. 70 MA. 5 v. at 2 amps. 2 1/2 v. at 8.5 amps C.T. Size, 3 1/4 x 4 inches; total depth 3 1/4 inches; above chassis 2 1/4 inches. Mounting centers: 3 x 2 1/2 inches. Shpg. Wt. 6 lbs.

2A224—**\$2.45**

Your Cost **\$2.45**

2A225—For 25 Cycle Operation **\$3.25**

Your Cost



OZARKO RADIO 220 VOLT POWER TRANSFORMER

5-27s, 2-4s, or 35s; 2-45s, or 47s; and 1-80.

This husky built power transformer, for 220 volt operation, made for use in Ozarko Radio receivers. Ideal for replacement in other sets using the above tubes where 220 volt is available. Size, 2 3/4 x 3 3/4 x 4 1/4 in. high. Can be mounted upright or inverted. Shpg. Wt. 9 lbs. **\$1.95**
2C2293—Your Cost

"B" ELIMINATOR POWER TRANSFORMER

A popular replacement unit for all "B" Eliminators. 5 volt winding for 80 tube and 500 volt H.V. winding center-tapped. Can be used with Raytheon type tube, by disregarding 5 volt winding. Size 2 1/2 x 2 1/2 x 2 1/4 in. Shpg. Wt. 4 lbs.

2C2291—Your Cost **\$1.65**



STEWART-WARNER POWER TRANSFORMER

950 Series Models

951, 952, 953, 961, 962, 963

An exact duplicate of the original Stewart-Warner power transformer, both in size and electrical characteristics. Supplies filament and plate voltages for the following tubes: 3-24s; 2-27s; 2-45s, and 1-80. Shpg. Wt., 8 lbs. **\$5.45**

2C2272—Your Cost **\$5.45**

Your Cost

Your Cost

Your Cost

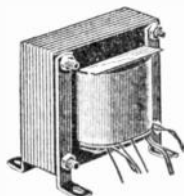
Your Cost



POWER TRANSFORMERS

Trutest Power Transformers have been designed to meet the demands of the serviceman and the new set builder, a wide range of tube combinations and voltages are available in both types; Flush and Upright Horizontal mountings. The Flush type have lugs that terminate on an insu-

lated strip and protrude through the sub-panel. The Upright type have leads brought out on bottom of coil. Feet are provided on base to permit air circulation under core. Prices quoted below are the very lowest possible consistent with good workmanship and materials.



Horizontal Mounting Midset Transformer for S. W. Converter

Made for use in the new Short-wave converters and 3 tube Midset receivers. Supplies filament and plate to 3-24s, '27s or '35s or a combination of these; 2½ volt c.t. at 3.5 amps. 5 volts at 2 amps for '80 type rectifier. 200/200 volts at 25 m.a. Size, core 1x1 in., 3x2½ in. high overall. Mounting centers 2½x2 in. Furnished in cadmium finish. Shpg. Wt. 4 lbs.

Flush Mounting Type
2C1500—
Your Cost **\$1.35**

Horizontal Mounting
Same tube characteristics as above. Size, 2½x4½x2½ in. Mounting Centers 3½ in. Shpg. Wt. 4 lbs.
2C1501—
Your Cost **\$1.40**

4 TUBE MIDGETS

Here is a midset power transformer suitable for low power sets and S. W. converters. Supplies filament and plate to: 2-24s, '27s, or '35s; 1-45 or '47 pentode and 1-80. 275/275 V. at 40 mls. 2½ v. c. t. at 5.5 amps. 5 volts at 2 amps. Size, 3x2½x1½ in. above chassis. Finished in Black. Shpg. Wt. 4 lbs.

Flush Mounting Type
2C1490—
Your Cost **\$1.10**

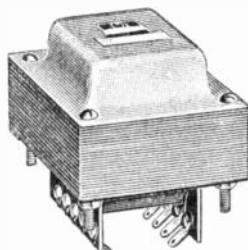
Horizontal Mounting
Same tube characteristics as above. Size, 3x3½x3 in. Mounting Centers 1½x2½ in. Shpg. Wt. 4 lbs.
2C1502—
Your Cost **\$1.15**

5 TUBE MIDGETS

Made for use in the 5 Tube Midsets and 5 Tube Short-Wave converters. Supplies Filament and Plate voltages to the following tubes: 3-24s, '27s or '35s; 1-45 or '47 pentode and 1-80, or any combination of these; Size, 3½x2½x2½ in. above chassis. Mounting Centers 2½x2½ in. Shpg. Wt. 5 lbs.

Flush Mounting Type
2C1491—
Your Cost **\$1.40**

Horizontal Mounting
Same tube characteristics as above. Size, 3x3½x3 in. Mounting Centers, 1½x2½ in. Shpg. Wt. 5 lbs.
2C1503—
Your Cost **\$1.50**



Flush Mounting 6 TUBE RECEIVERS

Ideal for replacement in Midset 6 tube sets. Fits in place of many of the commercial sets on the market. Supplies filament and plate for: 4-24s, '27s or '35s; 1-45 or '47 pentode and 1-80 tubes; Size, 3½x3½x2½ in. above chassis. Mounting Centers, 3½x2½ in. Shpg. Wt. 6 lbs.

Flush Mounting Type
2C1492—
Your Cost **\$1.60**

Horizontal Mounting
Same tube characteristics as above. Size, 3x3½x3½ in. Mounting Centers, 2x3½ in. Shpg. Wt. 6 lbs.
2C1504—
Your Cost **\$1.75**

6 TUBE RECEIVERS Push-Pull '45 or '47

Very similar to the power transformer directly above, except designed for pushpull power tubes. Can be used as a general replacement power transformer in the Commercial sets having the following tube combination. 3-24s, '27s or '35s; 2-45s or '47s and 1-80. Size, 4½x3½x2½ in. above chassis. Mounting Centers, 3½x2½ in. Shpg. Wt. 8 lbs.

Flush Mounting Type
2C1505—
Your Cost **\$2.25**

Horizontal Mounting
Same tube characteristics as above. Size, 3½x4½x3½ in. Mounting Centers, 2½x3½ in. Shpg. Wt. 8 lbs.
2C1506—
Your Cost **\$2.45**

7 and 8 TUBE SETS Universal Replacement

This transformer has been designed for the new set builder and the service man, makes an ideal unit for replacing that burned out transformer in the commercial receiver. It will supply filament and plate voltages for any combination of the following tubes: 5-24s, '27s or '35s; 2-45s or '47s pentodes and 1-80. Size, 4½x3½x3 in. above chassis. Mounting Centers, 3½x2½ in. Shpg. Wt. 9 lbs.

Flush Mounting Type
2C1507—
Your Cost **\$2.40**

Horizontal Mounting
Same tube characteristics as above. Size, 3½x4½x3½ in. Mounting Centers, 2½x3½ in. Shpg. Wt. 9 lbs.
2C1508—
Your Cost **\$2.60**

THORDARSON

HIGH POWER

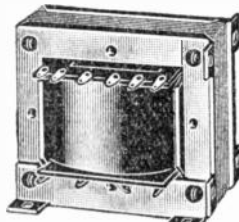
TRANSFORMER

FOR 2-50s OR '10s AND 2-81s; 2½ VOLTS AT 7 AMPERES.

Thordarson High Power Transformer is cased and fully shielded and furnishes "A", "B" and "C" current to 2-50s or '10s and filament and plate voltages to a receiver. Delivers 1100 volts A.C. at 150 mls. 7½ v. at 3 amps. 7½ v. at 3 amps, 2½ v. at 7 amps. All Connections brought out to a shielded bakelite terminal strip at bottom. All windings are center-tapped. Operates on 100-130 volts, 50-60 cycle A. C. current, tested at 2500 volts. Size, 5x4x4¼ inches. Mounting centers, 3x3½ in. Shpg. Wt. 12 lbs. **\$3.80**



"250" POWER TRANSFORMERS



These power transformers are of the latest approved design, built of the highest quality materials and workmanship, and are guaranteed against defects for a period of one year from date of sale. Universal brackets makes for easy installation practically in any position. Ideal for power amplifiers and Public Address systems.

FOR 6-24s, '27s OR '35s; 2-81s AND 2-50 TYPE TUBES; OR ANY COMBINATION OF THESE.

Size, 4½x3½x4¼ in.; mounting centers spaced, 2½x3½ or 2¾ in. Shpg. Wt. 10 lbs. **\$4.25**

2C1992—Your Cost

FOR 4-26s; 1-27; 2-50s AND 2-81 TUBES. **\$3.85**

2C1993—Your Cost

FOR 6-27s, '24s OR '35s; 2-45s OR '47s, AND 1-80 TUBES; OR ANY COMBINATION OF THESE

Same size and mounting centers are above power transformer directly above. Same Shpg. Wt.

FOR 110 VOLT, 50-60 CYCLE OPERATION **\$2.95**

2C1986—Your Cost

Same tube characteristics as above, except for 25 cycle operation. **\$3.65**

2C1987—
Your Cost

LOFTIN-WHITE

POWER TRANSFORMERS

FOR PUSH-PULL "250" AMPLIFIERS

This is the same power transformer used in Our Lafayette Loftin-White "250" Amplifier, using 1-24; 2-50s, and 2-81s. Made expressly for use in power amplifiers and Public Address systems. 2 separate 7½ v. windings for '50s; 7½ v. for 2-81s, and 2½ v. at 5.5 amps. for '24; 900/900 volts at 125 M. A. All windings are center-tapped. Size, 4½x5¼x5¼ inches high. Mounting centers, 3x5½ inches. Shpg. Wt. 19 lbs. **\$7.75**

2C2294—Your Cost



FOR SINGLE '45 OR '47 AMPLIFIER

Used in our Lafayette Loftin-White Amplifiers. High voltage 900 v. at 40 M.A. 5 volts at 2 amps. 2½ volt at 1.5 amps. 2½ volts at 5.5 amps. Size, 4x2½x3½ inches high. Mounting centers, 4½x2 in. Shpg. Wt. 7 lbs. **\$2.75**

2C2295—Your Cost

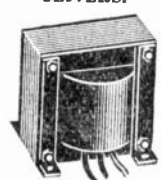
TRUTEST DELUXE MIDGET POWER TRANSFORMER, 4 AND 5 TUBE RECEIVERS.



Flush mounting type. For use with up to 3-24s, '27s or '35s; 1-45 or '47 pentode and 1-80 tubes. Size, 2½x3½x1¼ in. above chassis. Mounting centers, 2½x2½ in., 8 in. insulated color coded leads. Shpg. Wt. 5 lbs.

2C1512—
Your Cost, Special **\$1.50**

TRUTEST DELUXE MIDGET POWER TRANSFORMER 5 AND 6 TUBE RECEIVERS.



Upright mounting type. For use with up to 4-24s, '27s or '35s; 1-45 or '47 pentode and 1-80 tubes. Size, 3½x3x3½ in. high. Mounting centers, 2½x3 in. Color coded leads. Shpg. Wt. 7 lbs.

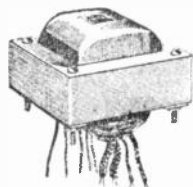
2C1513—
Your Cost, Special **\$1.70**



POLYMET POWER TRANSFORMERS AND AUDIOS



For 4 TUBE MIDGETS Series 781



This compact transformer is amply designed as the power supply unit for four-tube midget receivers. It is furnished only in the flat-mounting type with end-bell. The flexible leads are color-coded. 2.5 v. 5.5 amps. c.t. 5 v. 2 amps. 340/340 v. at 50 ma. 115 volt primary. Size, 3x2½x2¼ inches above chassis, mounting centers 2x2½ ins. Shpg. Wt., 5 lbs.

2C1483—List, \$4.00
Your Cost **\$1.96**

For 5 and 6 TUBE SETS Series 751

Similar in appearance to above power transformer. Designed for the following tubes: 4-24s, '27s or '35s; 1-45 or '47 pentode and 1-80. 115 volt prim. 50-60 cycle, secondary 330/330 v. at 60 m.a., 5 volts at 2 amps. 2.5 volts c.t. at 9 amps. Size, 3¼x3½x2½ inches above chassis. Mounting centers 2½x3½ inches. Shpg. Wt., 5 lbs.

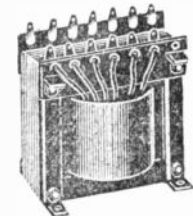
2C1481—List, \$4.75
Your Cost **\$2.33**

For 8 and 9 Tube Receivers 6-24s, '27s or '35s; 2-45s or '47s PENTODES, OR ANY COMBINATION OF THESE, AND 1-80 TUBES. SERIES 774

This transformer is identical to above, except larger and heavier in design. 2.5 volts c.t. at 14 amps. 5 volts at 2 amps. 330/330 volts at 100 m.a. 115 volt primary. 50-60 cycle. Size, 3¼x3½x3 inches high above chassis. Mounting centers, 2½x3½ inches. Shpg. Wt., 8 lbs.

2C1487—List, \$5.75
Your Cost **\$2.82**

8 and 9 TUBE RECEIVERS UNIVERSAL REPLACEMENT FOR 5-24s, '27s, OR '35s; 2-45s, OR PENTODES, 1-80; OR ANY COMBINATION OF THESE



This is ideal for general replacement work. It has been used in many of the electric receivers. Can be installed in upright or inverted position. 105-120 primary, 50-60 cycle, 375/375 v. at 100 m.a. 2.5 volts at 9 amps. c.t.; 2.5 volts at 3 amps. c.t.; 5 volts at 2 amps. Size, 4½x2x4½ inches high. Shpg. Wt., 9 lbs. Upright Type

2C1488—Your Cost **\$3.92**

Also available in the flush mounting type, same tube characteristics as above. Size, 4½x4x2½ inches above chassis. Shpg. Wt., 9 lbs. 110 volt primary, 50-60 cycle.

2C1489—List, \$8.50
Your Cost **\$4.17**

12 TUBE RECEIVERS

FOR 2-50s or '10s; 2-81s; 8-24s, '27s OR '35s; OR ANY COMBINATION OF THESE

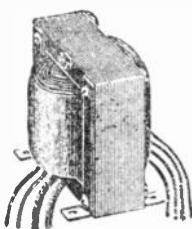
Similar in appearance to above. This Polymet type TF-922 is a heavy-duty power transformer for twelve tube receivers or amplifiers in which 2-50s are used in push-pull. 650/650 volts at 180 m.a. 7.5 volts c.t. 2.5 amps. 7.5 volts c.t. at 2.5 amps. 2.5 volts at 14 amps. 115 volt primary 50-60 cycle. Size, 3¾x4¼x4 inches, mounting centers, 2½x4 inches. May be mounted upright or inverted with lugs projecting downwards through sub-base. Shpg. Wt., 12 lbs.

2C1493—List, \$12.00
Your Cost **\$5.88**

5 and 6 TUBE SETS Series 764

This is the upright open type, popular for replacement purposes. Designed for receivers up to six tubes, and in which the output tube grid bias is obtained across the field coil. For 4-24s, '27s or '35s; 1-45 or '47 pentode and 1-80. 330/330 v. 60 m.a. 5 v. 2 amps. 2.5 v. c.t. 9 amps. 115 v. primary. 50-60 cycle. Size, 3¼x2½x3½ inches high. Mounting centers, 2½x2½ inches. Shpg. Wt., 5 lbs.

2C1486—List, \$4.50
Your Cost **\$2.21**



5 and 6 TUBE SETS Series 766

This transformer is identical with the above, except additional secondary voltage is developed to provide for output tube grid bias through resistance drop in voltage divider. 350/350 volts at 60 m.a. 5 volts 2 amps. 2.5 volts c.t. at 9 amps. 115 volt primary 50-60 cycle. Same size as above. except mounting centers: 2½x2½ inches. Shpg. Wt., 5 lbs.

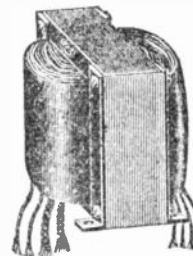
2C1482—List, \$4.50
Your Cost **\$2.21**

6 TUBE SETS Series 750

Similar in appearance to power transformer above. It is a general purpose six-tube transformer with a separate filament winding for the power tube. It is generously designed and suitable for the same tube combination listed for Series 764. 330/330 v. at 50 m.a. 2.5 v. at 7 amps. 2.5 v. c.t. at 2 amps. 50-60 cycle, 115 volt primary. Size, 3¼x3¾x3 inches high. Mounting centers, 2x3 inches. Shpg. Wt., 5 lbs.

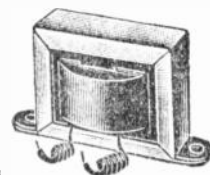
2C1484—List, \$6.00
Your Cost **\$2.94**

10 TUBE RECEIVERS FOR 3-24s, '27s, OR '35s; 4-26s; 2-71As, AND 1-80 TYPE TUBES



The ample construction of this transformer recommends it for replacement use in receivers having from six to ten tubes, including single or p.p. output 171-A tubes. Having the following voltages: 105-120 volt, 60 cycle, 1.5 volts 5.5 amps. 5 volts 5.5 amps. 5 volts 2 amps. 5 volts 1 amp. 275/275 v. at 80 m.a. Size, 3¾x2½x3½ inches high. Mounting centers, 3½x1½ inches. Shpg. Wt., 10 lbs.

2C1478—List, \$6.00
Your Cost **\$2.96**



POLYMET Filter Chokes.

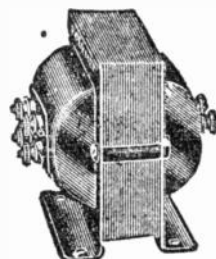
Polymet chokes are made in a complete range for use in radio receivers, amplifiers and transmitting work. They develop the rated inductance with the specified current flowing. Size of type "A", 2 in. high, 3½ in. wide, and 1½ in. deep. Mounting centers 2½ in.

25 henry, 25 m.a. 830 ohms, Type A.
2C1535—Your Cost **74¢**

11 henry, 60 m.a. 300 ohms, Type A.
2C1536—Your Cost **74¢**

280 henry, 2 m.a. 9000 ohms, Type A.
For use as an output impedance in the detector circuit of an amplifier. A Center-tap makes it also useful as an impedance (input) for push-pull stages.
2C1537—Your Cost **\$1.22**

AUDITORIUM SERIES



These large audio transformers are of exceptional quality because of the amount of high grade steel used, the scientifically proportioned coil design, and carefully arranged assembly. They are suitable for all high quality requirements in the audio end of radio receivers and in amplifiers. Size, 3½ ins. high, 2½ ins. width, 3½ ins. depth at bell ends, overall. Mounting centers, 1½x2 inches. Shpg. Wt., 4 lbs.

GENERAL PURPOSE INTER-STAGE

Over-all ratio 3 to 1; secondary has two separate halves; useful as Straight Interstage 3 to 1 ratio. Straight Interstage 1½ to 1 ratio. Push-pull input 3 to 1 ratio. May also be used with secondaries in parallel with '50 type or other tubes drawing grid current.

2C1525—List, \$4.50. Your Cost.... **\$2.21**

PUSH-PULL INTERSTAGE

Over-all ratio 1½ to 1; isolated split-sections for both primary and secondary.
2C1526—List, \$4.75
Your Cost **\$2.33**

GENERAL PURPOSE OUTPUT FOR '45s OR '50s

For either straight or push-pull output from '45s or '50s, and other low impedance power tubes; tapped secondary for 10-20 and 40 ohms, voice coil and low impedance speaker.
2C1527—List, \$4.00—Your Cost..... **\$1.96**

OUTPUT FROM PENTODE TUBES

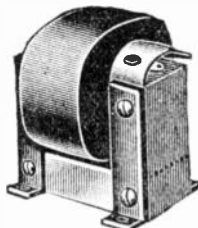
Similar to the transformer above, except for push-pull pentodes, also to 10-20-40 ohms voice coil or low impedance speaker.
2C1528—List, \$4.00
Your Cost **\$1.96**

MICROPHONE OR LINE INPUT TO TUBE
Primary has isolated halves; for use with 200 or 500 ohm lines, single or double button microphones; over-all ratio 50 to 1.
2C1529—List, \$6.00. Your Cost.... **\$2.94**

PHONO-PICK UP OR LINE TO TUBE
Primary 3,000 ohms, tapped at 500 ohms. Line to tube transformer or for use with phono-pick up.
2C1530—List, \$6.00. Your Cost.... **\$2.94**

TUBE TO LINE TRANSFORMER

Tube to line transformer, operating out of general purpose tube; secondary tapped at 500 and 200 ohm lines.
2C1531—List, \$6.00. Your Cost.... **\$2.94**



Guaranteed Replacement Power Transformers

ATWATER KENT

Name and Model	Stock No.	Your Cost
37	2C2255	\$2.20
40, 42, 44, 45, 52, 56 complete pack	2B1225	5.25
43, 46, 47 and 53 complete pack	2B1226	7.50
55-55C	2C2260	4.25

AMRAD—Bel Canto Series

81	2C2281	3.40
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BOSCH

28	2C2254	3.95
48	2C2260	3.75
58	2C2261	3.75
60	2C2262	3.95

BRANDES

B-10 and B-11	2C2050	3.45
B-15 and B-16	2C2051	4.70

BRUNSWICK

2KRO, 3KRO, 3KR6, 5KR, 5KRO, 5KR6	2C2150	1.80
2KRO, 3KRO, 3KR6, 25 cycle	2C2151	3.25
3 NC8 and 5 NC8	2C2153	3.25

COLONIAL

32 AC	2C2279	3.50
33 AC	2C2280	4.26

COLUMBIA

C-500	2C2056	6.75
930-300	2C2057	4.95
931	2C2058	5.95
950	2C2059	4.65

CROSLEY

Power Converters 104, 105, 106 Bandbox	2C1882	1.95
602 Bandbox	2C1888	1.45
AC-7	2C1890	1.10
Power Converter		
104-R and 105-R	2C1889	1.45
608	2C1884	1.45
608, 25 cycle	2C1885	1.75
704-A	2C1886	1.95
704	2C1887	1.95
30-S, 31-S, 33-S, and 34-S	2C1883	1.95

EARL

21 and 22	2C2286	2.75
24, 31, 32, 33, and 41	2C2287	4.25
24, 31, 32, 33, 41, Coil only	2C2288	2.10

EVEREADY

30 Series	2C2283	3.50
40-50 Series	2C2284	2.80

EDISON

R-4, R-5, and C-4	2C2251	4.75
R-4, R-5 and C-4, 25 cycle	2C2252	6.75

FADA

10, 11, 30 and 31	2C2277	3.50
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FRED-EISEMANN

NR-60, NR-57, NR57-A	2C2285	3.95
NR-85	2C2321	4.50
NR-70	2C2322	4.55
NR-80	2C2287	4.25

FREED

55 and 56	2C2286	2.75
55, 78, 79, 90 and 95	2C2323	4.26

FRESHMAN

Q.....60 cycle	2C2263	2.25
O.....23 cycle	2C2273	4.95
QD.....60 cycle	2C2264	4.10
QD.....25 cycle	2C2274	5.45

FRESHMAN—Continued

ERAC-60 cycle	2C2308	6.95
M-60-S power supply	2C2309	4.25
G-60-S Filament power supply	2C2310	1.20
G-60-S Plate power supply	2C2311	2.25
Amplifier Transformer (1-281 and 1-210)	2C2312	1.90
N-60-S power supply, 60 cycle	2C2313	4.25
N-60-S power supply, 25 cycle	2C2314	5.25

GENERAL ELECTRIC

H-31, H-51 and H-71	2C2156	2.65
T-41	2C2155	2.75

GRAYBAR

311	2C2150	1.80
311, 25 cycle	2C2151	2.25
RC-3	2C2155	2.75
700, 770, and 900	2C2156	2.65
400	2C2152	3.25
600	2C2154	3.50
60	2C2153	3.25

GENERAL MOTORS

"A" Chassis, Models 120, 130, 140, 150 and 160	2C2278	3.95
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GULBRANSEN

8 Tube A. C.	2C2315	6.40
9 in Line	2C2316	7.06
"Champion Junior" 7 tube	2C2317	6.33

KOLSTER

K20, 21, 22, 23, 25 and 25 v.	2C2052	4.95
K20, 21, 22, 23, 25 and 25 cycle	2C2053	5.95
K-24	2C2054	5.50
K-43 and K-48	2C2051	4.75
K-44	2C2055	6.75

LOFTIN-WHITE

245-247 Amplifier	2C2295	2.75
250 P.P. Amplifier	2C2294	7.75

MAJESTIC

70, 71, 72, 7BP6 pack, plate and filament transformer, complete	2C2125	4.25
90, 91 and 92, 9BP6 pack plate and filament transformer complete	2C2126	4.25
70 Series, plate transformer	2C2104	1.25
70 Series, filament transformer	2C2105	1.25
90 Series, plate and filament transformer	2C2100	2.25
90-B and 100-B	2C2127	4.75
25 Series	2C2128	2.25
153 (2C1491)	2C1491	1.65

OZARKA

220 Volt power transformer	2C2293	1.95
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PEERLESS

21, 22, 23; 651, 652 and 653	2C2290	2.50
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PHILCO

20 and 220	2C1955	2.85
65	2C1956	2.85
70 270 and 470	2C1957	2.85
73, 76 and 77	2C1958	2.85
87	2C1959	2.85
82 and 86	2C1960	2.85

PHILCO—Continued

90 Series	2C1961	2.85
92, 95 and 296	2C1962	2.85
111, 211, 112 and 212	2C1963	2.85
511, 521, 531, 541, 551, 561, 571	2C1964	2.85

RCA RADIOLA

104 Loudspeaker	2C2307	4.25
30-A	2C2175	5.95
17, 18, 33, 50 and 51	2C2150	1.80
17, 18, 33, 50 and 51, 25 cycle	2C2151	3.25
44, 46 and 47	2C2152	3.25
60 and 62	2C2153	3.25
66	2C2154	3.50
41, Receptor Pack	2C2160	4.50
41, Sterling Pack	2C2159	4.50
64 and 67	2C2157	9.95
42 and 48	2C2155	2.75
80, 82 and 86	2C2156	2.65

SONORA

A-31, 60 cycle	2C2275	3.40
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STEINITE

40	2C2276	3.40
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SPARTON

AC-7, 62 and 63	2A229	2.40
69, 79, 79-A and 89	2A230	2.98
930	2A228	1.95
89-A	2A231	5.98
109, Sparks Ensemble and Deluxe	2A232	5.98
101, 110, 111, 574 and 870	2A233	8.82
589, 591, 593 and 931	2A234	4.12
301, 564 and 570	2A235	7.06
600, 610, 620 and 737	2A236	7.06

STROMBERG-CARLSON

635 and 636	2C2256	4.25
641, 642, 652 and 654	2C2257	4.25
715 and 848	2C2258	4.50
12 and 14	2C2282	5.25

STEWART-WARNER

950 Series, 951, 952, 953, 961, 962, 963	2C2272	5.45
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VICTOR

R-32, RE-45, R-52 and RE-75	2C2158	1.95
R-32, RE-45, R-52 new type	2C2185	3.45
R-32, RE-45, 25 cycle old type	2C2320	3.75
14, 15 and 17	2C2155	2.75
35, 39, and 57	2C2156	2.65
7-11, 7-25, 7-26 and 17-8	2C2150	1.80
7-11, 7-25, 7-26, 25 cycle	2C2151	3.25
9-18, 9-54	2C2157	9.95

WESTINGHOUSE

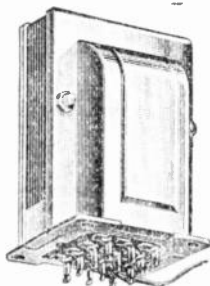
WR-4	2C2155	2.75
WR-5, WR-6 and WR-7	2C2156	2.65

ZENITH

33, 33X, 34, 34X, and 35-A, ZE-10 power unit	2A227	2.25
50, 60 and 70 Series, ZE-50, ZE-60 and ZE-70 power units	2C1980	4.25
ZE-18 power unit, plate transformer	2C1983	4.45
Super 10, 11 and 12	2C1981	2.75
60 cycle	2C1981	2.75
Super 102, 112, 122, 25 cycle	2C1982	3.75

GENERAL REPLACEMENT POWER TRANSFORMER

For 6-27s, '24s, or '35s; 2-45s or '47s pentodes, 1-80 tubes; or any combination of these.



This husky power transformer will handle up to 9 tube receivers, fits exactly a majority of the commercial sets. Makes a complete "A" "B" and "C" supply for the new set builder. Heavy enameled steel case. Size, 4 inches over-all x 5 inches high. Mounting centers, 3 1/4 x 2 7/8 inches. Has 2-2 1/2 volt filament windings. 275/275 volts at 100 mls. Shpg. Wt., 10 lbs.

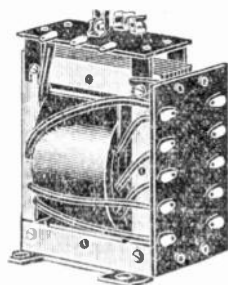
2C1962—Your Cost, Special..... **\$2.85**

UNIVERSAL REPLACEMENT POWER TRANSFORMER

For 6-27s, '24s, or '35s; 2-45s or '47s and 1-80 tubes, or any combination of these.

We guarantee this to be the best universal replacement power transformer on the market for the money. Designed to provide a wide safety margin from over-loads and service abuses. It will provide long service on any job for which it is intended. So constructed that a great majority of replacement jobs can be taken care of with either the horizontal or flat mounting type. For use with '26 type tubes, use the necessary resistance to drop 2 1/2 volts to 1 1/2 volts. Primary tapped at 105, 115, thru use of fuse clips.

Flat Mount Type—Size, 4 1/2 x 3 1/2 x 5 3/4 ins. Mounting Centers—3 3/4 x 2 1/2 ins. Shpg. Wt. 8 lbs. 2C1990—
Upright Mount Type—Same Size Mounting Center—2 3/4 x 3 1/2 ins. 2C1991—Your Cost
Either Type..... **\$2.85**





RAULAND LABORATORY GRADE R-500 Audio Transformer

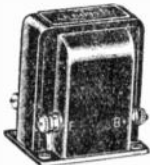
The Rauland R-500 Audio Frequency transformer has long been considered the "Standard of Excellence" by leading radio engineers and the world's best musicians. Their appearance on the market in the early days of broadcasting marked the first real improvement in Audio frequency transformers. The high amplification combined with exceptionally uniform response through the entire audio-frequency band (30 to 10,000 cycles) makes this a high class Audio for all types of amplification. In the manufacture of this transformer all moisture is thoroughly removed from the windings before they are sealed in the case with a special moisture-proof insulating compound. As a result the finished product is practically hermetically sealed and is protected against even the corrosive tropical climates. Primary, 1800 ohms, secondary 8,000 ohms. Shipping weight 3 lbs. Mounting holes 2x2.

2C2265—List Price \$9.00

Your Cost, Special

95¢

RAULAND R-14 Audio Transformer



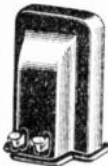
This is the "Little Brother" to the Rauland Laboratory Grade, R-500 Audio, comparing favorably with it. That burnt-out transformer in your commercial set affords an opportunity to improve radio results—replace with Rauland R-14. Ratio 3:1. Prim 1200 ohms, Sec. 8,000 ohms, d. c. resistance; size 2 1/2 x 3 1/2 x 2 1/2.

2C2266—Shpg. wt., 2 lbs.

Your Cost

55¢

GENERAL RADIO AUDIO Type 285-H



The Audio transformer for the present day Electric receiver as well as the early battery sets. Tone quality beyond comparison, that is General Radio Audio, high amplification, ratio 6 to 1, prim. 1000 ohms, sec. 12,000 ohms, d. c. resistance. Laminations and windings are of the highest grade materials. Fully shielded. Size, 3 1/2 x 3 1/2 x 2 1/2 inches. Shpg. wt., 2 lbs.

2C1710—Your Cost, Special

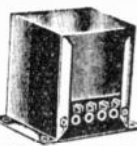
\$1.20

EDISON AUDIO TRANSFORMER

Made for replacement in Edison Receivers. Can also be used for other sets. Straight Audio Transformer. Ratio 3 1/2 to 1. Size, 3 1/2 x 2 1/2 x 2 1/2 in. Shpg. Wt. 3 lbs.

2C2300—Your Cost

45¢



THORDARSON P. P. OUTPUT TO HIGH IMPEDANCE SPEAKER



Push-Pull output from 2-'10s, '71As, or '45s to a Magnetic or a high impedance speaker. Primary 1200 ohms. Secondary 800 ohms. Size, 2 1/2 x 2 1/2 x 3 1/4 in. Shpg. Wt. 4 lbs.

2C2301—Your Cost

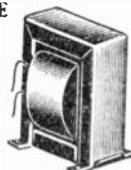
90¢

THORDARSON CHOKE 30 H.—75 M. A.

Rated by Thordarson, 360 ohms, d. c. resistance. Size 2 1/2 x 2 1/2 x 3 inches high. Mounting centers, 3 ins. Shpg. Wt. 4 lbs.

2A237—Your Cost

75¢



SANGAMO PUSH-PULL INPUT

Another "Old Timer" in the Radio field of Audio-frequency amplification. The traditions and training of years of precision in electrical instrument production are carried into the manufacture of Sangamo Audio Apparatus. The musical range for the human ear runs from approximately 32 to 5,000 vibrations per second. The problem in transformer design is to provide a transformer that will give practically uniform amplification to all these frequencies from lowest to highest. In other words, a transformer that will not give undue prominence to some notes and false subordination to others. With an orchestra, for example, all the pieces should be amplified by the transformer in the same harmonic balance in which the instruments are played. Primary 2,000 ohms, Secondary 8,000 ohms, d. c. resistance. Size, 3 1/2 x 2 1/2 inches. Shpg. wt., 2 lbs. Mounting holes, 3/4 ins.

2A460—Your Cost

65¢

SPECIAL Matched Set of Three

1—Rauland Audio, 1—Sangamo P.P. Input and

1—Kellogg P.P. Output

2C2268—Your Cost

\$1.98

Push-Pull Input and Output WITH FILTER CONDENSERS

Comprising Push-pull input, primary 1,400 ohms, secondary 3,500 and 4,500 ohms, Output, primary 154 and 184 ohms, secondary 624 ohms to magnetic speaker. Filter condenser, one 3 mfd. one 2 mfd. two 2 mfd. for use with '71A type tubes. An ideal buy for the set builder and experimenter. Size 2 1/2 x 5 1/2 x 3 1/4. Has crimping lugs for mounting.

2C2167—Shpg. wt., 5 lbs. Your Cost

\$1.95

THORDARSON P. P. OUTPUT

For use with push-pull '71A, '45 or '50 type tubes. Replaces the transformer on the dynamic speaker. Matches a voice coil impedance between 5 and 10 ohms. Heavy construction thru-out. Size, 2 1/2 x 2 1/2 x 2 in. high. Shpg. Wt. 4 lbs.

2C2350—Your Cost

35¢

Complete Audio System

Comprising 1st Audio stage, a 2nd Audio stage and Output Choke and condenser for either a magnetic and Electro Dynamic speaker. Both primary windings 1,200 ohms, secondary 5,500 ohms, d. c. resistance. Output choke 500 ohm with 1/2 mfd. speaker condenser for protection of the winding. For use with '72A, '71A or '45 type tubes. Has crimping lugs for panel mount. Size 5 1/2 x 3 1/2 x 3 1/4 inches.

2C2163—Shpg. wt., 5 lbs. Your Cost

\$1.50

KELLOGG PUSH-PULL OUTPUT For '71A, '45, '10, '50, and Pentode tubes

The Genuine Push-Pull Output Transformer manufactured by Kellogg Switchboard and Supply Co., for use in their Electric receivers. An "Output" Transformer is one used to couple the plate circuit of the last amplifying tubes to the loudspeaker or other output device. Poor tone quality is usually blamed on the Audio transformer and it is true that poor design of the transformer is largely responsible for it. The Primary of this output transformer is usually high impedance, making it suitable for all type of tubes, the secondary feeding into the moving voice coil of a dynamic speaker having a resistance between 2 and 8 ohms. Can be used either as a push-pull or single output. Clamp bracket holding the laminations in perfect order, impregnated in wax compound to insure long life without break-down. Size, 3 1/2 x 2 1/2 x 3 1/4 inches. Shpg. wt. 3 lbs.

2C2267—Your Cost

59¢

THORDARSON P. P. Output Transformers

The genuine Thordarson Push-pull output transformer used to couple a single output stage of '71, '45, '50 type tubes or in push-pull, as primary matches the impedance of these tubes. Can be used on all types of dynamic speaker voice coils. Replaces that burned-out transformer on your speaker. Size, 2 1/2 x 3 1/2 x 2 1/2 inches. Shpg. wt., 2 lbs.

2C2269—Your Cost

75¢

HEAVY DUTY CHOKE

Heavy Duty Filter Choke that has an inductance of 30 henry, at approx. 150 mills. D.C. resistance of 300 ohms. For use in a filter circuit for power packs—and power amplifiers. Size, 3 1/2 x 2 1/2 x 2 1/4 in. Shpg. Wt. 4 lbs.

2C2271—Your Cost

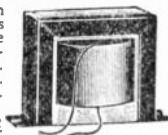
95¢

Truest Center-Tapped Choke 30 H. 75 M. A.

A choke that can be used in filter circuit of power packs and amplifiers, also suitable as an output choke, d. c. resistance of 1000 ohms. C.T. Size, 2 1/2 x 1 1/2 x 2 1/2 ins. high. Mounting centers, 3 1/2 inches. Shpg. Wt. 4 lbs.

2C1571—Your Cost

70¢



GENUINE PHILCO REPLACEMENTS

Straight Audio Single or Push-Pull Input Single or Push-Pull Output Chokes

Philco Models	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost
20-220	x	x	x	4232	2C1738	\$1.30	2766	2C1746	\$1.30	4231	2C1750	\$1.35
65	x	x	x	3242	2C1740	.80	2848	2C1748	1.35	4951	2C1751	.95
70-270	x	x	x	x	x	x	2673	2C1749	1.10	4951	2C1751	.95
76-77	x	x	x	3872	2C1741	.80	2848	2C1748	1.30	3422	2C1752	1.25
82-86-87	3241	2C1744	1.65	3242	2C1740	.80	2848	2C1748	1.30	3472	2C1756	.75
90-90A	x	x	x	4952	2C1742	1.65	2848	2C1748	1.30	4951	2C1751	.95
90-90A	x	x	x	x	x	x	2673	2C1749	1.10	4951	2C1751	.95
95-96-296	x	x	x	3537	2C1743	1.60	2848	2C1748	1.30	3422	2C1752	1.25
111-112	x	x	x	3537	2C1743	1.60	2848	2C1748	1.30	3422	2C1752	1.25
500 Series	3077	2C1745	1.35	x	x	x	x	x	x	4951	2C1751	.95

TOMLAB



"PRECISION" AUDIOS AND CHOKES

The excellent performance of TomLab audio equipment is a direct result of intelligent design, unusual care in manufacture, and selection of high quality material. They are encased in sturdy cast iron shields, thus eliminating the possibility of magnetic pickup or parasitic coupling. Temperature rise of less than 42°C under continuous full load. As the amplification of high-

grade audio transformers is affected by large values of plate current in the primary winding, the plate current should be kept within limits. High amplification combined with exceptionally uniform response through the entire audio-frequency band (30 to 10,000 cycles), and are representative of the entire line. All Secondary windings are center-tapped.

CASCADE, Single plate to single grid. Turn ratio 3:1. Primary impedance 130,000 ohms at 30 V. 60 cycles. Limit 5 M.A. D.C.
2A375—Type 1 **\$4.80**

List Price, \$8.00—Your Cost.....
INPUT, Single screen grid plate to single grid. Turn ratio 1:1. Primary impedance 600,000 ohms. Limit 2 M.A. D.C.
2A376—Type 1 **\$7.20**

List Price, \$12.00—Your Cost.....
INPUT, Single plate to 2 grids. Turn ratio 2.5—1 each side. Secondary in two sections. Primary impedance 85,000 ohms, at 30 V. 60 cycles. Limit 8 M.A. D.C.
2A377—Type 1 **\$7.20**

List Price, \$12.00—Your Cost.....
INPUT, 500 ohm line to grid. Turn ratio 17.5—1.
2A378—Type 1 **\$9.00**

List Price, \$15.00—Your Cost.....
INPUT, Pickup to grid. Primary impedance 500 ohms, 1000 ohms, 2000 ohms, 4000 ohms.
2A379—Type 1 **\$9.00**

List Price, \$15.00—Your Cost.....

OUTPUT, 2—250 or 245 plates to 500 ohm line and 15 ohm voice coil.
2A380—Type 2 **\$13.20**

List Price, \$22.00—Your Cost.....

OUTPUT, 2—250 or 245 plates to one or more low impedance voice coils, secondary 15 ohms, tapped for 2, 4, and 8 ohms.
2A381—Type 2 **\$7.20**

List Price, \$12.00—Your Cost.....
FILTER CHOKE, 40 Henrys, at 60 M.A.
2A382—Type 2 **\$3.60**

Your Cost.....
FILTER CHOKE, 15 Henrys, at 120 M.A.
2A383—Type 2 **\$3.60**

Your Cost.....
AUDIO CHOKE, 540 Henrys, at 3 M.A.
2A384—Type 1 **\$4.80**

Your Cost.....
AUDIO CHOKE, 700 Henrys, at 5 M.A.
2A385—Type 2 **\$12.00**

Your Cost.....

AMERTRAN

TRADE MARK REG. U.S. PAT. OFF.



"STANDARD OF EXCELLENCE"

Amertran Audio-Frequency Transformers have long been considered the "Standard of Excellence" by leading radio engineers and the world's best musicians. Second in importance only to the electrical perfection of these transformers is the fact that their construction assures a long useful life. A large percentage of failures in audio frequency transformers is traceable to moisture entering the windings either while in service or during the process of manufacture, and subsequently becoming the cause of

disintegration as a result of electrolysis after D.C. plate current has passed through the primary winding for a period of time. In the manufacture of Amertran transformers all moisture is thoroughly removed from the windings before they are sealed in the case with a special moisture-proof insulating compound. As a result the finished product is practically hermetically sealed and is protected against even the corrosive and electrolytic action of moist salt air in tropical climates.

AUDIOS AND INPUTS

AUDIO, either stage, ratio 3½:1 AF-8
2A325—Type 2 **\$2.94**

List, \$5.00—Your Cost.....
1st STAGE AUDIO, De Luxe, Ratio 3:1
2A326—Type 1 **\$4.71**

List, \$8.00—Your Cost.....
2nd STAGE AUDIO, De Luxe, ratio 4:1
2A327—Type 1 **\$4.71**

List, \$8.00—Your Cost.....
PUSH-PULL INTER-STAGE, Ratio 1.75:1.
2A328—Type 3—No. 710 **\$11.56**

List, \$20.00—Your Cost.....
PUSH-PULL INPUT, Ratio 2½:1. No. 151
2A329—Type 1 **\$7.06**

List, \$12.00—Your Cost.....

OUTPUTS

PUSH-PULL 210, OUTPUT, to 10-15 ohm voice coil of dynamic speaker. No. 200.
2A330—Type 1 **\$7.06**

List, \$12.00—Your Cost.....
PUSH-PULL 245 or 171, OUTPUT, to 10-15 ohm voice coil of dynamic speaker. No. 443.
2A331—Type 1 **\$7.06**

List, \$12.00—Your Cost.....
PUSH-PULL PENTODES, OUTPUT, to a 10-15 ohms voice coil of dynamic speaker.
2A332—Type 1—No. 6200 **\$8.62**

List, \$15.00—Your Cost.....

PHONO. PICK-UP TRANSFORMERS

5,000-6,000-, or 8,000 ohm pickup to 1st stage De Luxe. No. 389.
2A333—Type 1 **\$4.71**

List, \$8.00—Your Cost.....
500-1,000-, or 2,000 ohm pickup to grid of tube. No. 406-A.
2A334—Type 1 **\$8.62**

List, \$15.00—Your Cost.....
Tube-To-Line Transformers

Two 250- or 245 type tubes to 200 ohm line or 1-9 15 ohm dynamic speakers in series parallel. No. 678.
2A335—Type 3 **\$12.74**

List, \$22.00—Your Cost.....
Two 250- or 245 type tubes to 500 ohm line.
15 ohm monitor winding. No. 3332.
2A336—Type 3 **\$12.74**

List, \$22.00—Your Cost.....
Two 210- or 112 type tubes to 500 ohm line.
-15 ohm monitor winding. No. 3540.
2A337—Type 3 **\$12.74**

List, \$22.00—Your Cost.....
Filter Chokes and Reactors

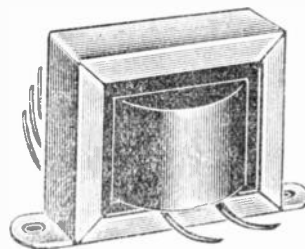
10 Henrys, 160 M.A., D.C. resistance 105 ohms. No. 4724.
2A338—List, \$8.00—Your Cost..... **\$4.71**

15 Henrys, 120 M.A., D.C. resistance 210 ohms. No. 709.
2A339—List, \$8.00—Your Cost..... **\$4.71**

40 Henrys, 60 M.A., D.C. resistance 625 ohms. No. 854.
2A340—List, \$8.00—Your Cost..... **\$4.71**

Trutest

AUDIOS AND CHOKES



No Radio can outperform its transformers. The demands on the modern receiving set are so exacting that no compromise with perfection can be permitted. Amplification curve is extremely flat, and wave form distortion entirely absent. Coils are layer wound, carefully tested, and failure traceable to coil defects are almost unheard of. Core steel is treated for maximum magnetic value. Dimensional accuracy of laminations and assembly insures complete freedom from the perplexing hum caused by even a slight irregularity in these respects. Maintenance of such exacting standards of material and workmanship is possible through our policy of "laboratory controlled production". Trutest Audio Transformers and Chokes are of medium size and semi-open form, with strap mounting, bottom plates Cadmium plated. Average size, 3¼x2¼x1¼ inches. Mounting centers, spaced, 2½ ins. Shpg. Wt., 4 lbs.

AUDIOS

AUDIO, either stage of straight audio amplification. Ratio 3 to 1.
2C1550—Your Cost..... **75¢**

PUSH-PULL INPUT, from single plate to 2 grids. Ratio 2.5:1.
2C1551—Your Cost..... **89¢**

PUSH-PULL INTER-STAGE, between 2 plates and 2 grids. Ratio 1.75:1.
2C1552—Your Cost..... **95¢**

OUTPUT, Single '45 type tube to a 5-15 ohm voice coil of dynamic speaker.
2C1553—Your Cost..... **79¢**

OUTPUT, Push-Pull '45s type tubes to a 5-15 ohm voice coil of dynamic speaker.
2C1554—Your Cost..... **89¢**

OUTPUT, Single Pentode ('47) to a 5-15 ohm voice coil of dynamic speaker.
2C1555—Your Cost..... **85¢**

OUTPUT, Push-Pull Pentodes, to a 5-15 ohm voice coil of dynamic speaker.
2C1556—Your Cost..... **89¢**

CHOKES

CHOKE, 25 Henry at 25 M.A. D.C. resistance of 830 ohms.
2C1557—Your Cost..... **59¢**

CHOKE, 11 Henry at 60 M.A. D.C. resistance of 300 ohms.
2C1558—Your Cost..... **59¢**

CHOKE, 30 Henry at 75 M.A. D.C. resistance of 1,000 ohms, center-tapped.
2C1571—Your Cost..... **70¢**

CHOKE, HEAVY DUTY, 30 Henry at 125 M.A. D.C. resistance of 200 ohms.
2C1570—Your Cost..... **90¢**

Phonograph and Microphone Matching Transformers

Phonograph Pick-up transformer, 3,000 ohms to grid of tube.
2C1559—Your Cost..... **\$1.20**

Single Button Microphone transformer, 200 ohms.
2C1560—Your Cost..... **\$1.15**

Double Button Microphone transformer, 200 ohms each side of center-tap.
2C1561—Your Cost..... **\$1.25**

THORDARSON NEW LOW PRICES

AUDIO TRANSFORMERS R-100 Audio



The ideal replacement for that burned-out or obsolete audio transformer. The R-100 possesses the same high quality of performance that characterizes all

Thordarson Audio Transformers, Ratio $3\frac{1}{2}$ to 1. Size, 2-7 16x1 $\frac{1}{2}$ x 2 inches high. Shpg. Wt. 2 lbs. **\$1.25**
2A213—Your Cost

R-103 Audio

Similar in appearance as above R-100, also made for replacement purposes. An audio coupling transformer of higher quality at a small increase in price. Size, 1 $\frac{1}{2}$ x2x2 $\frac{3}{4}$ in. Shpg. Wt. 3 lbs. **\$1.47**
2A240—Your Cost

R-200 Audio

The special core material of this transformer (Thordarson DX Metal) has a permeability 50% greater than that of the finest grade silicon steel formerly employed and increases the transformer inductance correspondingly. An ideal replacement Audio transformer of the finished construction. Ratio 3 to 1. Size, 2-13 16x2x2-7 16 in. Shpg. Wt. 3 lbs. **\$1.25**
2A214—List \$8.00. Your Cost, only



R-300 Audio

Similar in appearance to above. Supreme in musical performance, brings a greater realism to radio reproduction. The amplification range has been extended still farther into the lower register, so that even the deepest tones now may be reproduced with amazing fidelity. Same size and shpg. wt. as R-200. **\$2.94**
2A239—List \$5.00. Your Cost

R-400 Audio

Similar in appearance to above. The amplification curve of this transformer is practically a straight line from 30 to 8,000 cycles. Suitable for either a first stage or input stage. Ratio 3 to 1. Size, 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 in. high. Shpg. Wt. 4 lbs. **\$2.94**
2A215—List \$5.00. Your Cost

FILTER CHOKES

30 Henry—50 Mils. T-1892-A

Open frame type choke. Designed to filter a current of 50 mls. Inductance of 30 henrys. 450 ohms d.c. resistance. Ideal for midget receivers. 6 inch leads. Size, 2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$ in. high. Mounting centers, 3 $\frac{1}{2}$ in. Shpg. Wt. 3 lbs. **65¢**
2A246—Your Cost



30 Henry—85 Mils. R-196

A fully shielded and finished product by Thordarson. D.C. resistance of 360 ohms. For filter circuits and speaker output coupling. Size, 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x 3 in. high. Shpg. Wt. 4 lbs. **\$2.36**
2A242—List \$4.00. Your Cost



R-105 SPEAKER OUTPUT CHOKE



A high quality output choke designed to couple a pair of '71 or '45 type tubes to a high impedance speaker or to the primary of the output transformer in the dynamic speaker. Size, 1 $\frac{1}{2}$ x2x2 $\frac{3}{4}$ in. Shpg. Wt. 3 lbs. **\$1.18**
2A241—List \$2.00. Your Cost

PUSH-PULL INPUTS R-101



A high quality push-pull input transformer for all types of servicing and reconditioning. Has an unusually uniform response over the effective range of audio frequencies. Universal mounting brackets make it adaptable for all

types of sets. Size, 1 $\frac{1}{2}$ x2x2 $\frac{3}{4}$ in. Shpg. Wt. 3 lbs. **\$2.06**
2A216—List \$3.50. Your Cost

P. P. INTER-STAGE AUDIO T-2973

A special audio transformer to couple two stages of Push-pull amplification. Especially applicable for use in power amplifiers for public address work to prevent tube distortion in the first stages of the audio amplifier. Ideal for use with Type '45, '47 and '50 power tubes in the output stage. Size, 3 $\frac{1}{2}$ x3x3 $\frac{3}{4}$ in. high. Shpg. Wt. 5 lbs. **\$3.32**
2A212—List \$8.50. Your Cost



T-1304 PUSH-PULL INPUT

A transformer serving the same purpose as type T-2408 but possessing a ratio of 2 to 1. May be used following a screen grid power detector having parallel plate feed. Built primarily for use with 210, 245, 247 and 250 types of power tubes in the push-pull stage. Size, 3 $\frac{1}{2}$ x3x3 $\frac{3}{4}$ in. high. Shpg. Wt. 5 lbs. **\$3.53**
2A243—List \$6.00. Your Cost

T-2408 PUSH-PULL INPUT

Designed to couple a stage of straight audio amplification into a stage of power push-pull using any of the existing types of power amplifying tubes. Ratio 1-1. Size, 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 in. high. Shpg. Wt. 4 lbs. **\$2.94**
2A217—List \$5.00. Your Cost



THORDARSON FILAMENT TRANSFORMERS



These Thordarson Filament Transformers are made of the finest material that is obtainable and are fully shielded and guaranteed against breakdowns. Supplied with 5-foot lamp cord and AC plug.

T-2445

Supplies: 1 $\frac{1}{2}$ volts for 4-26s; 2.5 volts for 2-27; 5 volts for 2-71As. Size, 2 $\frac{1}{2}$ x5 $\frac{1}{2}$ x 4 $\frac{1}{4}$ in. high. Shpg. Wt. 7 lbs. **\$3.53**
2A300—List \$6.00. Your Cost

T-3081

Supplies: 1.25 volts at 3 amperes, 2.5 volts at 3 $\frac{1}{2}$ amperes. For small sets and amplifiers. Size, 2 $\frac{1}{2}$ x3x3 $\frac{3}{4}$ in. high. Shpg. Wt. 4 lbs. **\$3.53**
2A301—List \$6.00. Your Cost

T-2504

A special filament supply for Kellogg or other similar 3 volt heater type tubes. 3 volts at 10 amperes. Size, 3 $\frac{1}{2}$ x3x3 $\frac{3}{4}$ in. high. Shpg. Wt. 5 lbs. **\$4.41**
2A302—List \$7.50. Your Cost

T-2610

A special filament supply for Arcturus or other similar 15 volt filament tubes. 15 volts at 2 $\frac{1}{2}$ amperes, c.t. for 8 tubes. Size, 3 $\frac{1}{2}$ x3x3 $\frac{3}{4}$ in. high. Shpg. Wt. 5 lbs. **\$4.41**
2A303—List \$7.50. Your Cost

PUSH-PULL OUTPUTS T-2629



A special push-pull output transformer designed to couple the output of a 210 or 245 push-pull stage into a dynamic speaker. This Transformer replaces the one in the base of the speaker. Secondary connects directly to the moving coil having a d.c. resistance between 4 and 8 ohms. Primary 1200 ohms. Size, 3 $\frac{1}{2}$ x3x 3 $\frac{3}{4}$ in. Shpg. Wt. 5 lbs. **\$3.53**
2A218—List \$6.00. Your Cost

T-2903 PUSH-PULL OUTPUT

Similar in appearance to above. Designed to couple the output of two 250 type tubes into a dynamic speaker. The secondary of this transformer connects directly into the moving coil of the dynamic unit. It is conservatively rated to carry the high output current and voltage of power amplifiers of this type. Size, 3 $\frac{1}{2}$ x3x3 $\frac{3}{4}$ in. high. Shpg. Wt. 5 lbs. **\$4.12**
2A238—List \$7.00. Your Cost

PENTODE OUTPUT T-1843

Designed for use with Single Pentode output to the moving voice coil of a dynamic speaker, having a d.c. resistance between 4 and 8 ohms. Turn ratio 30 to 1. Impedance ratio 932 to 1. Size, 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 in. high. Shpg. Wt. 4 lbs. **\$3.53**
2A219—List \$6.00. Your Cost



P.P. PENTODE OUTPUT T-4831

Identical to above transformer, except for push-pull pentodes in the output stage to the moving voice coil of a dynamic speaker, having a d.c. resistance between 4 and 8 ohms. Turn ratio 38 to 1, impedance of 1444 to 1. Same size and shpg. wt. as above. **\$3.53**
2A220—List \$6.00. Your Cost

COUPLING TRANSFORMERS FOR '10 TYPE TUBES FOR CLASS "B" OR PUSH-PUSH



INPUT

OUTPUT

Thordarson has developed a pair of transformers for the new system of amplification known as Class "B" or "Pushpush" circuit. It is possible, with this system, to obtain great amounts of power output from comparatively small tubes. This system has been applied in some of the later models of battery receiving sets. It has been applied in speech amplifiers and the latest application is its use in Modulators in amateur sending stations. The Input Transformer, couples a pair of '45 tubes in push-pull to a pair of '10 tubes in push-push. The Output Transformer is arranged to couple a pair of '10 tubes in pushpush to the oscillator tubes in the transmitter. The Secondary winding is arranged so that it may be coupled either to a single '10 oscillator, two '10 oscillators in pushpull or two '40s in parallel. Circuit diagram, including power supply is available with each pair of these transformers. The input transformer size is 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$ in. Output size, 3 $\frac{1}{2}$ x4x4 in. Shpg. Wt. each 5 lbs.

Input Transformer T-5100
2A244—List \$7.50. Your Cost **\$4.41**

Output Transformer T-5101
2A245—List \$10.00. Your Cost **\$5.88**

ZENITH PUSH-PULL INTER-STAGE AUDIO For Models 50, 60 and 70 Series Part No. MS-89

Here is an exact duplicate of the original Zenith Push-Pull inter-stage Audio transformer, used in the above series of receivers. Coupling the plates of two '27 type tubes to the grids of '45 tubes. Shpg. wt. 4 lbs.

2C2289—Your Cost **\$245**

GENERAL MOTORS Models 120, 130, 140, 150, 160

Push-Pull Input
Fits the chassis exactly like original. Made expressly for the above receivers. For all Model "A" Chassis. Shpg. Wt. 4 lbs.

2C2298—Your Cost **\$185**

Replacement Push-Pull Input for Grebe Models

The Ideal Push-Pull Audio Transformer for replacement and general purpose work. Characteristics ideal for Public Address systems and Power Amplifiers. Size, 3 1/2 x 2 1/2 x 3 1/2 inches high. Mounting centers, 2 1/2 x 1 1/2 inches. D.C. resistance, primary, 700 ohms, secondary, 16,000 ohms. total. Shpg. Wt. 5 lbs.

2C2299—Your Cost **\$125**

ATWATER-KENT REPLACEMENT AUDIO

A compact, efficient Audio replacement transformer, fully shielded, with mounting brackets. For Atwater Kent battery and early electric receivers. Size 3 1/2 x 1 1/2. Shpg. wt. 1 lb.

2C2289—Your Cost **\$110**

2C2290—Your Cost **\$12.00**

MAJESTIC PUSH-PULL INPUT

For Models 70, 71, 72, 90, 91, 92, 100

Designed according to specifications of the original Majestic part. Fully shielded, brand new and guaranteed.

2C2109—Shpg. wt. 4 lbs. **\$125**

VICTOR CHOKE R-32 R-52 RE-45 RE-75

The genuine Victor Filter Choke used in their receivers. Has a d.c. resistance of 200 ohms, 30 henry at 125 m.b. a good choke for general use. Size 3 1/2 x 3 1/2 x 2 1/2. Guaranteed. Shpg. Wt. 4 lbs.

2C1997—Your Cost **48¢**

RADIART VARIABLE STEP-DOWN 200-250 Volts to 110-120 Volts

Variable primary. Size, 3 1/2 x 3 1/2 x 4 1/2 inches high. Mounting centers, 1 7/8 x 2 1/4 inches. 16 inch lamp cord with female receptacle for 110-120 volt outlet. 1 foot lamp cord with male plug for 200-250 Input 160 Watts Shpg. Wt. 9 lbs.

2C1970—List \$7.50. **\$390**

AUDIO TRANSFORMERS

RCA—VICTOR—RADIOLA—BRUNSWICK—GRAYBAR Audios Intermediates Chokes

FOR VICTOR

**R 32
RE 45
R 52
RE 75**

This is the genuine Victor P.P. Input and Output Transformer. Input Prim. 3000 0 h m s. Sec. e. 16000 ohms. Output, Prim. 500 ohms, Sec. 6 ohms, to Voice coil of Dynamic Speaker. Shpg. Wt. 5 lbs.

2C1996—Your Cost **90¢**

VICTOR

**R-32, R-52
RE-45, RE-75**

The genuine Audio Output Transformer. Primary 12,000 ohms, tapped at 50 ohms, for Phono pick-up. Secondary 2800 ohms. Shpg. Wt. 4 lbs.

2C1996—Your Cost **60¢**

Double Audio and Condenser Choke Output Radiola 21 and 22

This is the Genuine RCA Interstage and Output Choke and condenser. Containing 2 audio transformers and a Condenser and output Choke. Both primaries 1200 ohms, Secondaries 5500 ohms, d.c. resistance. 500 ohm Output Choke. A complete audio system for general use.

Shpg. Wt. 5 lbs.

2C2163—(RCA No. 8496) **\$150**

Your Cost **\$150**

RADIOLA 17-50 OUTPUT

The Official RCA Part No. 5658, output transformer for the above models. Prim 600 ohms, Sec 800 ohms. Single output to a magnetophone speaker. Size 2 1/2 x 1 1/2 x 2 1/2. Shpg. Wt. 2 lbs.

2C2168—Your Cost **35¢**

220 V. TO 110 V. STEP-DOWN TRANSFORMER

A dependable transformer for use in stepping 220 volts down to 110 volts. For use in operating a 110 V. AC radio from 220 volt lines. Fully shielded with 6 foot heavy lamp cord for 220 volt line, and flush receptacle for 110 V. side. Size, 3 1/2 x 4 1/2 x 5 1/2 inches high. Mounting centers, 2 1/2 x 3 1/4 inches. Shpg. Wt. 9 lbs. For Receivers and appliances drawing up to 160 Watts.

2C1968—Your Cost **\$295**

For use with Midget Receivers, Dynamic Speakers, or any other 110 volt appliance that draws up to 60 Watts. Shpg. Wt. 6 lbs.

2C1969—Your Cost **\$215**

G. E. STEP-DOWN 220 V. to 110 V. OR TO STEP-UP 110 V. TO 220 VOLTS.

G. E. Auto Transformer for reducing 200-220 AC to 100-120 AC or increasing 100-120 AC to 200-220 Volts Ideal for operating 110 volt radio or electrical machines from 220 volt line. Has many uses in the experimenter's lab. Output 275 KVA (275 Watts). Size, 7 1/2 x 4 1/2 x 3 1/4 inches deep. Shpg. Wt. 14 lbs.

2C2269—Your Cost, Special **\$225**

INTERMEDIATES

Radiolas 60, 62, 64, 66

Here is the Genuine "I. F." Transformer for the Radiola Models, each has been peaked at its correct Frequency at the RCA Factory. Our supply is limited. Shpg. Wt., 8 oz.

For Radiola Models 60-62-64

1st, 2nd, 3rd, "I.F." Transformer. (RCA No. 8342).

2C2164—Your Cost Each **\$135**

For Radiola Model 66

1st, and 2nd "I.F." Transformer. (RCA No. 8481).

2C2165—Your Cost Each **\$165**

3rd "I.F." Transformer. (RCA No. 8482)

2C2166—Your Cost **\$195**

Transformer & Capacitor Pack Radiola 33 D.C. Part No. 8494

The Genuine RCA P.P. Input and P.P. Output Transformer with Filter Capacitor. Input primary 1400 ohms, secondary 3500 and 4500 ohms. Output primary 154 and 184 ohms, secondary 624 ohms. Filter condensers, one 3mfd, two 2mfd. Shpg. Wt. 5 lbs.

2C2167—Your Cost **\$195**

RADIOLA OUTPUT

46-47-66

The official RCA Part No. 6019 for the above models. Can be used in RCA 106 Speaker by addition of two .1 mfd. condensers across line. Brand new and guaranteed. Shpg. Wt. 3 lbs.

Prim. 350 ohms. Sec. 6 ohms.

2C2170—Your Cost **45¢**

For use with 106 A.C. Loudspeaker, containing the two .1 mfd condensers. RCA part No. 5899.

2C2186—Your Cost **55¢**

CAPACITOR PACK

**Radiola Model 66
Graybar Model 600**

This is the Genuine Radiola Part No. 6021, Capacitor Pack, comprising five 1/2 mfd. two .05 mfd. by-pass condensers and one audio transformer. Our quantity is limited.

2C2172—Shpg. wt. 3 lbs. **\$575**

Your Cost **\$575**

RADIOLA SINGLE AUDIO

**Radiola Models 60 and 62
Brunswick 3NC8—5NC8
Graybar Model 60**

This is the genuine Radiola Part No. 5805, single audio stage for the above model receivers.

2C2173—Shpg. wt. 1 lb. List Price \$4.80 **75¢**

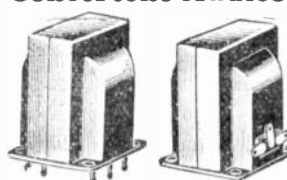
Your Cost **75¢**

Genuine All-American Audio Transformer

Universally recognized as having uncomparable tone quality. Used by manufacturers in production of their latest type receivers. One of the better grade transformers obtainable for replacement purposes in both A.C. and D.C. receivers. Universal mount, for sub-base or sub-panel. Size, 2 1/2 x 1 1/2 x 2 1/2 inches. Mounting centers, 1 1/2 to 2 x 1 inches. Shpg. Wt., 2 lbs.

2C1708—Your Cost, Special **40¢**

Jefferson Concertone Audios



Bottom Lugs **Side Lug**

Jefferson concertone sealed transformers are designed to amplify, evenly and uniformly, all notes within the musical scale on either A.C. or D.C. receivers. Their use in audio circuits give increased sensitivity, greater clarity, and insures a good volume of clear, pure and undistorted reproduction of programs,—with all the vital harmonics and rich overtones so essential to true tonal quality. Heavily insulated throughout, safe for use with power tubes, assembled and sealed into a beautifully black enameled metal case. The primary impedance is extremely high and exactly correct for A.C. Tubes.

Push-Pull Input, lugs on bottom, for use with 171-A, 245, 247, 250, 231, 233, 238 and 210 tubes. Primary 1500 ohms, Secondary 7000 ohms, total.

2C1900—Your Cost **\$185**

Push-Pull Input, lugs on side, same characteristics as above.

2C1901—Your Cost **\$180**

Push-Pull Output, lugs on bottom, has a ratio of 35 to 1, for use with 171-A, 231, 245, 250 tubes. Primary 300 ohms total Output to a 10 ohm Voice coil of a Dynamic Speaker.

2C1902—Your Cost **\$145**

Push-Pull Output, lugs on side, same characteristics as above.

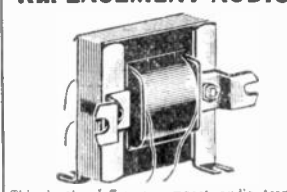
2C1903—Your Cost **\$145**

Push-Pull Output, lugs on bottom, for Pentode output only, Primary 600 ohms, Secondary 10 ohms, to Voice coil of a Dynamic Speaker.

2C1904—Your Cost **\$165**

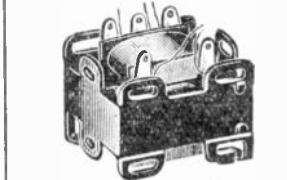
Average Shpg. wt., 3 lbs.

REPLACEMENT AUDIO



This is the Jefferson compact audio transformer, ideal for replacement in receivers where space is limited. It has two sets of brackets for either horizontal or vertical mounting. Prim. 500 ohms, Secondary 1100 ohms, for single audio stage. Size 1 3/4 x 2 3/4 x 2 1/4. Shpg. wt. 1 lb.

2C1905—Your Cost **85¢**



Universal Tapped Audio

Here is a transformer that can be used for either a straight and Push-Pull Audio Stage, for use with all types of tubes. Its special bracket, and its being equipped with both solder lugs and flexible silver leads, make it a truly universal replacement transformer. Primary 900 ohms, Secondary 3000 ohms total. Shpg. wt. 1 lb. size 1 3/4 x 2 3/4 x 2.

2C1906—Your Cost **\$115**

Universal Tapped Output

Same style as above

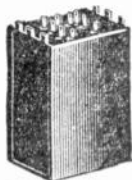
Engineering Ingenuity has endowed this new Jefferson tapped output transformer with features insuring flexibility beyond the average conception, together with quality and workmanship expected only in a transformer of much higher price. It can be used for coupling any combination of tubes, 171, 245, or the new 247 pentode, single or push-pull, to any dynamic or magnetic speaker. Full instructions furnished, size 2 3/4 x 1 1/2 x 2. Shpg. wt. 1 lb.

2C1907—Your Cost **\$118**

GUARANTEED REPLACEMENT CONDENSER BLOCKS

	Stock No.	Your Cost		Stock No.	Your Cost		Stock No.	Your Cost
ALL AMER. MOHAWK			1790X	2B1203	5.60	Model 67 Filter Block..	2B1007	13.50
Model "F".....	2B1424	\$4.90	Models 25 and 35 (Late)			Model 67 By-Pass Unit.	2B1006	1.55
Model A-8.....	2B1423	2.55	No. 1801X.....	2B1201	5.10	Models 80, 82, and 86...	2B1005	4.25
Model A-10.....	2B1422	4.90	Models 42, 44, 46, 47,			Model 41 Receptor Pack.	2B1004	3.25
Model Lyric No. 90.....	2B1421	3.35	No. 1830X.....	2B1199	5.10	Model 41 Sterling Pack.	2B1003	4.75
Model Lyric "D".....	2B1420	4.15	Models 50, 70, 71, 72,			SPARTAN		
APEX			75, 77, No. 1492MS.....	2B1197	4.25	Model AC-5.....	2B980	2.75
Model 28.....	2B1410	3.40	FEDERAL			Models AC-7, 62 and 63.	2B979	4.95
Model 36.....	2B1409	4.40	Model "H".....	2B1180	2.40	Model 109.....	2B978	2.50
Model 37.....	2B1408	4.40	Model "K".....	2B1179	1.90	Sparks Ensemble and		
Model 41.....	2B1407	2.50	FREED			DeLuxe.....	2B977	
Models 46 and 46-A.....	2B1406	2.00	Models 55 and 56.....	2B1245	2.75	Model 89-A.....	2B976	2.95
Models 47 and 47-A.....	2B1405	2.00	Models 65, 78, 79, 90,			Models 69, 79 and 89...	2B975	2.75
Models 48 and 48-A.....	2B1404	2.50	and 95.....	2B1244	2.75	Model 301-A.....	2B974	5.90
Model 80.....	2B1403	3.50	FREED-EISEMANN			Model 930.....	2B973	2.50
ARGUS			Model NR 57.....	2B1170	3.25	SONORA		
Model 191-210.....	2B1390	6.10	Model NR 70.....	2B1169	3.25	Models B-30, B-31.....	2B950	2.10
ARBORPHONE			Model NR 80.....	2B1168	3.25	Model DeLuxe 44.....	2B949	7.90
Model 45.....	2B1385	4.90	Model NR 85.....	2B1167	3.25	STEINITE		
ATWATER-KENT			Model 411.....	2B1166	3.25	Model 40.....	2B940	4.25
Model 36 Condenser			Model 480 A.C.....	2B1165	3.25	Model 50.....	2B939	5.95
Block.....	2B1380	5.25	Model 480 D.C.....	2B1164	2.90	Model 70.....	2B938	4.20
Model 37-38 Condenser			FRESHMAN			Model 261.....	2B937	2.95
Only.....	2B1379	1.25	Model "Q".....	2B1155	2.25	Model 991.....	2B936	4.35
Model 37-38 Condenser			Model "QD".....	2B1154	2.95	STEWART-WARNER		
and Chokes.....	2B1378	2.25	Model N (all models).2B1153	3.95	Models Using Majestic			
Model 40 Condenser			Model G-60S.....	2B1152	2.75	Power Unit.....	2B930	4.10
Only.....	2B1377	1.35	Model M-60S.....	2B1151	3.25	Model 900 A.C. Series		
Models 40, 42, 44, 45,			GRAYBAR			No. 61303.....	2B929	1.75
52, 56, Complete Power			Model 311.....	2B1020	2.15	Model 900-950 A. C.		
Pack.....	2B1376	5.25	Models 44, 46, 47.....	2B1016	2.70	Series, Condenser and		
Models 43, 46, 47, and			Model 60.....	2B1015	2.75	Choke Assembly.....	2B928	4.90
53, Complete Power			Model 62, Condenser			STROMBERG-CARLSON		
Pack.....	2B1375	7.50	Block.....	2B1014	2.75	Models 10 and 11.....	2B320	4.95
Models 55, 55C, 60, 60C.2B1374	3.40		Model 62, Field Supply			Models 12 and 14.....	2B919	5.10
Model 66.....	2B1372	3.95	Filter.....	2B1013	2.95	Models 635, 636.....	2B918	3.75
BALKEIT			Model 62, Coupling			Model 638.....	2B917	3.75
Model "C".....	2B1355	3.90	Unit.....	2B1012	3.25	Models 641, 642, 652 and		
BOSCH			Model 600.....	2B1010	1.60	654.....	2B916	5.50
Model "Little Six".....	2B1350	\$4.90	Model 600, By-Pass As-			Models 846 and 848....2B915	4.50	
Model 28.....	2B1349	3.50	sembly.....	2B1009	5.75	TEMPLE		
Model 29-825.....	2B1348	4.90	Models 700, 770, 900...2B1005	4.25	Models 860, 880, 890...2B905	5.90		
Model 48.....	2B1347	2.50	GENERAL ELECTRIC			Model 761.....	2B904	4.40
Models 58 and 60.....	2B1346	2.95	Models H-31, 51, and 71.2B1005	4.25	VICTOR			
Models 5 and 5-A.....	2B1345	1.55	GREBE			Models 9-18, and 9-54..2B1011	9.50	
BRANDES			Model AC-6.....	2B1130	3.50	Models AP, 736, Power		
Models B-10 and B-11..2B1335	.75		Model SK-4.....	2B1129	2.25	Unit.....	2B891	4.75
Models B-15 and B-16..2B1334	1.95		GENERAL MOTORS			Models R-32, RE-45, R-		
BREMER TULLY			Models 120, 130, 140,			52, RE-75.....	2B890	.95
Models 8-20A, 8-21A.....	2B1325	4.90	150, 160, "A" Chassis..2B1125	3.95		Models 35, 39, and 57..2B1005	4.25	
Models 6-40, 6-41.....	2B1324	5.20	GAROD			ZENITH		
Models 7-70, 7-71.....	2B1323	5.20	Model "E.A." (5 leads).2B1115	4.90	Model ZE-10 Power			
Models 81 and 82.....	2B1322	.49	Model "E.A." (2 leads).2B1114	3.90	Unit No. 23-40.....	2B870	3.75	
BRUNSWICK			HAMMARLUND			Models ZE-11, Z-14		
Models PR-17-8.....	2B1020	2.15	Model HIQ 30.....	2B1105	4.90	Power Unit No. 22-41..2B869	3.50	
Models 2KRO, 3KRO,			KING			Model ZE-13 Power		
Models 2KRO, 5KRO,			Model "J".....	2B1100	4.60	Unit No. 22-46.....	2B868	4.95
5KRR.....	2B1019	.43	KOLSTER-COLUMBIA			Model ZC-16 Power		
Model 5N0 power unit.2B1015	2.75		Model 6-H.....	2B1090	1.95	Unit No. 22-48.....	2B867	6.90
Models 3NC8, 5NC8,			Models 6J, 6K, 6R.....	2B1089	3.25	Model ZE-17 Power		
Condenser Block.....	2B1014	2.75	Models K-20, 22, 25, 27.2B1088	2.50	Unit No. 22-49.....	2B866	6.90	
Models 3NC8, 5NC8,			Models K-21, K-23.....	2B1088	2.95	Model ZE-18 Power		
Field Supply Filter.....	2B1013	2.95	Model K-24.....	2B1278	3.50	Unit No. 22-57.....	2B865	4.70
Models 3NC8, 5NC8,			Model K-43, K-48.....	2B1334	1.95	Model Super-Het., 11,		
Coupling Unit.....	2B1012	3.25	Model K-44.....	2B1087	2.25	12, 14.....	2B864	3.50
Models S-14 and S-21.2B1012	.49		Model K-45.....	2B1086	3.60	ALL AMER. MOHAWK		
Models 15 and 22.....	2B1309	3.50	MAJESTIC			A & B ELIM. Condens-		
Models 81 and 82.....	2B1322	.49	Model 70, Series 7PB6			er Block.....	2B895	\$4.25
COLONIAL			Power Unit.....	2B1070	2.25	DUMONT		
Model 50 AC, (R-6238).2B1300	2.25		Model 80-180, 8PB6			"A" Eliminator Block..2B858	1.95	
COLUMBIA RADIO			Power Unit.....	2B1069	3.75	FADA "ABC" POWER PACK		
Model Screen Grid 8...2B1290	2.95		Model 90, Series 9PB6			"A" Condenser.....	2B857	1.95
COLUMBIA-KOLSTER			Power Unit.....	2B1067	2.25	"B" Condenser Block...2B856	4.90	
Models C-1, C-3.....	2B1280	2.50	Model 90-B, 100-B.....	2B1065	1.75	FRANCE		
Models C-5.....	2B1278	3.50	Model 50.....	2B1063	2.95	Model 102 "A" Elim...2B855	2.30	
Models C-6, C-7.....	2B1277	2.25	PEERLESS			FARRAND		
Model 930, 931, 961...2B1275	3.50		Model 65.....	2B1045	3.60	"B" Elim. Condenser...2B854	3.90	
Model 930-300.....	2B1273	3.50	Model 70.....	2B1044	2.95	EXIDE WILLARD		
DAYFAN			PHILCO			Eliminator Condenser..2B853	4.90	
Model 5091.....	2B1255	5.10	Model 20.....	2B1030	4.40	GREENE AND BROWN		
DAYTON			Model 65.....	2B1029	2.95	"A" Elim. Condenser...2B852	3.50	
Model AC-63.....	2B1250	3.75	Model 82.....	2B1028	2.95	"B" Hi-Power Cond...2B851	3.95	
Model 5309-A.....	2B1249	3.90	Model 86.....	2B1027	2.95	"B" Super Condenser...2B850	4.15	
EARL, C. A.			Model 87.....	2B1026	2.95	MAJESTIC		
Models 21 and 22.....	2B1245	2.75	Model 511.....	2B1025	3.75	"A" Elim. Condenser...2B849	2.75	
Models 31, 31S, 32, 32S,			RCA-RADIOLA			"B" Super Condenser..2B848	1.98	
33, 33S, and 41.....	2B1244	2.75	Models 17 and 50.....	2B1020	2.15	"B" Master Condenser..2B847	1.98	
EDISON			Models 18, 33, and 51..2B1019	.43		"B" Special Master Con-		
Models R-1, R-2, C-2...2B1220	4.90		Model 30-A Filter.....	2B1018	6.75	denser.....	2B846	2.25
Models R-4, R-5, C-4...2B1219	5.90		Model 30-A By-Pass...2B1017	4.45	PHILCO			
Models R-6, R-7.....	2B1218	3.50	Models 44, 46 and 47..2B1016	2.70	"ABC" Elim. "B" Con-			
EVEREADY			Model 60.....	2B1015	2.75	denser.....	2B845	3.40
Models 30, 40, and 50			Model 62 Filter.....	2B1014	2.75	STERLING		
Series.....	2B1210	3.50	Model 62 Field Filter..2B1013	2.95	"A" Elim. Condenser...2B844	3.90		
FADA			Model 62 Coupling Unit.2B1012	3.25	SENTINEL			
Models 25, No. 1780X...2B1205	4.15		Model 64 Filter Block.2B1011	9.50	"B" and "C" Elim.			
Models 35, 35Z, No.			Model 66 Filter Block.2B1010	1.60	Condenser.....	2B843	4.35	
			Model 66 By-Pass Unit.2B1009	5.75				
			Model 64 By-Pass Unit.2B1008	1.50				

GENUINE RCA-RADIOLA CONDENSERS Radiola 17-50



**Brunswick
PR-17-8
Victor 7-25**
Part No. 8289

Genuine replacement filter condenser for the above sets. Contains: Two 3.5 mfd. one 3 mfd. one 2 mfd. two 1 mfd. Brand new

and guaranteed. Shpg. Wt. 6 lbs. **\$215**
2B1020—List \$19.20. Your Cost

RADIOLA MODELS 44-46-47

Part No. 8476

The original replacement filter condenser for the above models. Contains: Three 2 mfd. one 1.25 mfd. one 1 mfd. one .5 mfd. and one .25 mfd., also output choke. Shpg. Wt. 7 lbs. List \$19.00. **\$270**

2B1016—Your Cost

Radiola Model 60 Graybar Model 60 Brunswick Model 5N0

Part No. 8346

An exact duplicate of the original Radiola filter condenser. Contains: Three 2 mfd. four .5 mfd. and output choke. Shpg. Wt. 7 lbs. **\$275**

2B1015—List \$16.50. Your Cost

Graybar Model 62 Radiola Model 62 Brunswick 3NC8, 5NC8

Part No. 8382

The original Radiola replacement filter condenser for the above models. Contains: One 4 mfd. two 3.5 mfd. one 1 mfd. three .5 mfd. Shpg. Wt. 6 lbs. **\$275**

2B1014—Your Cost

Filter Capacitor For Field Supply Unit

Part No. 8384

For above model receivers. Original RCA part. Contains: One 4 mfd. two .1 mfd. Shpg. Wt. 4 lbs. List \$8.25. **\$295**

2B1013—Your Cost

Compiling Unit

Part No. 8383

For above model receivers. The original RCA part. Contains: One audio transformer output to the voice coil of the dynamic speaker. One .5 mfd. condenser and a 12 henry choke. Shpg. Wt. 7 lbs. **\$325**

2B1012—List \$12.00. Your Cost

AUDITORIUM RADIOLA-PHONOGRAPH

**Radiola Model 66
Graybar Model 600**
Part No. 8487

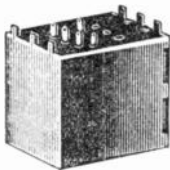
Original Radiola part. Contains: Two 2 mfd. one 1 mfd. one .5 mfd. and a 515 ohm output choke. Shpg. Wt. 6 lbs. **\$160**

2B1010—List \$11.25. Your Cost

Radiola 18-33-51

Brunswick, 2Kro, 3Kro, 3Kr6,
5Kr, 5Kro, 5Kr6, Victor 7-11, 7-26,
Graybar Model 311 (Part No. 8333)

Original filter condenser for above sets. Contains: Two 1 mfd. one .5 mfd. and output choke. Guaranteed brand new. Shpg. Wt. 4 lbs.



2B1019—List \$7.40
Your Cost **43c**

Radiola Model 64 Victor Models 9-18, 9-54

Part No. 8362 By-pass Assembly

The Original Radiola By-pass Condenser Assembly. Contains: One 2 mfd. Two 1.5 mfd. and Three 1 mfd. Shpg. wt., 3 lbs. **\$150**

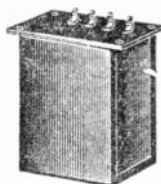
2B1008—List, \$9.90. Your Cost

Radiola Model 67

Part No. 8498 By-Pass Assembly

Similar in appearance to above: Original Part. Contains: One 2 mfd. Two 1.5 mfd. and Three 1 mfd. Shpg. Wt., 3 lbs. **\$155**

2B1006—List \$9.75. Your Cost



Fada Model 70 Condenser

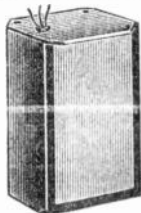
Made exactly like the original Fada block. Guaranteed. Shpg. Wt. 5 lbs.

2B1197—**\$425**
Your Cost

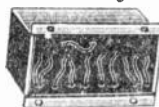
Majestic 90-B Condenser

An exact Duplicate of the Original Majestic Filter Condenser, in size and electrical characteristics. It contains: Three 2 mfd. and One 1 mfd. Shpg. Wt., 6 lbs.

2B1067—**\$225**
Your Cost



Edison By-Pass Assembly



Genuine Edison By-pass assembly, used in their receivers. Contains: Five .1 mfd. at 300 volts; one .5 mfd. 300 volts; two .1 mfd. at 150 volts. Size, 4 1/4 x 2 1/4 x 1 1/2 inches. Shpg. Wt. 3 lbs. Very compact. **29c**

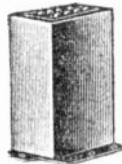
2B520—Your Cost, Each

Radiola Model 41 A.C.

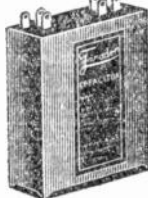
The original condenser banks used in Radiola Model 41.

Receptor Power Pack
2B1004—RCA No. **\$325**
8401—Your Cost

Sterling Power Pack
2B1003—RCA No. **\$475**
8397—Your Cost



Faradon Capacitors for R. C. A. 30-A DC



Faradon No. WS 3787. RCA Filter and By-pass Condenser block, 11.5 mfd. **\$195**

2B1001—Shpg. wt. 3 1/2 lbs. Your Cost

Faradon No. WS 3786. RCA Filter and By-pass Condenser block, 12.0 mfd. **\$225**

2B1000—Shpg. Wt. 3 1/2 lbs. Your Cost

For RADIOLA MODEL 30-A A.C.

Faradon WS 3781. RCA Part No. 5674. Filter and By-pass condenser block, 15. Mfd. **\$445**

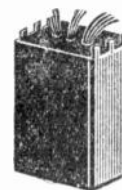
2B1017—Shpg. wt. 4 lbs. Your Cost

Radiola Models 33, 44 D. C.

Part No. 8194

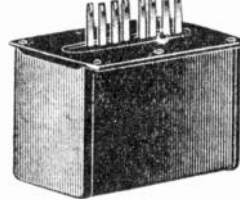
The Genuine Radiola Filter and Push-pull Input and Output Assembly for the above models. Contains: Two P.P. Audio transformers, and One 3 mfd. One 2 mfd. Two .5 mfd. Brand new and Guaranteed. Shpg. Wt. 7 lbs. **\$175**

2B1002—List, \$21.25. Your Cost



Radiola Model 64 Victor Models 9-18, 9-54

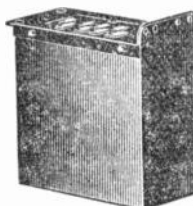
Part No. 8368 Filter Capacitor



The Genuine Radiola Filter Condenser Bank. Contains: Four 4 mfd. One 2 mfd. and Two 1 mfd. Do not confuse this block with the inferior cheap condenser block now on the Radio market. 1,000 volt condensers in the Original Block. Shpg. Wt., 13 lbs. **\$950**

2B1011—List Price, \$30.60. Your Cost

PHILCO FILTER CONDENSERS Original Replacements



Model 65

Philco No. 3515, 5.15 Mfd., total capacity. **\$295**
2B1029—Your Cost

Model 82

Philco No. 3279, 12.115 Mfd., total capacity. **\$295**
2B1028—Your Cost

Model 86

Philco No. 3246, 9.115 Mfd., total capacity. **\$295**
2B1027—Your Cost

Model 87

Philco No. 3401, 8.265 Mfd., total capacity. **\$295**
2B1026—Your Cost

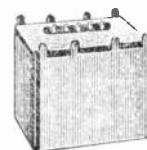
Zenith Replacement 22-59

The Official replacement condenser for Zenith Radio. Can also be used as a general replacement. Black common, Green 2 mfd, Blue 4 mfd, yellow 4 mfd, two Whites .25 mfd. Size 6 1/2 x 4 1/2 x 2 1/4 ins. Shpg. wt. 4 1/2 lbs. **95c**

2B863—Your Cost Special



VICTOR FILTER BANK R-32, RE-15, R-52, RE-75 Guaranteed Replacement



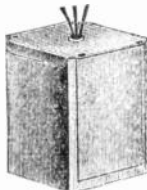
All brand new blocks and guaranteed against defects. Each unit is given a severe test before leaving our testing laboratories. Shpg. Wt. 8 lbs. **\$95c**

2B800—Your Cost

General Motors Model "A" Chassis: 120, 130, 140, 150, 160. Filter Block

Made expressly for the above series of General Motors model receivers. Will fit the chassis exactly. Changes are unnecessary. Guaranteed. Shpg. Wt. 8 lbs. **\$395**

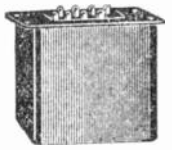
2B1125—Your Cost



STROMBERG-CARLSON FILTER

Models 635, 636
The Original Stromberg-Carlson filter condenser. Total capacity 23 mfd. Shpg. Wt. 11 lbs. **\$375**

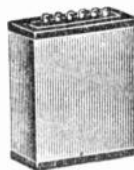
2B918—Your Cost



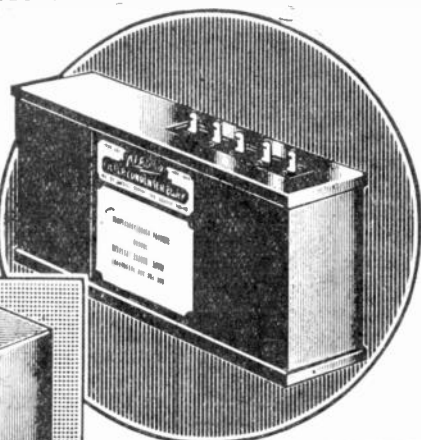
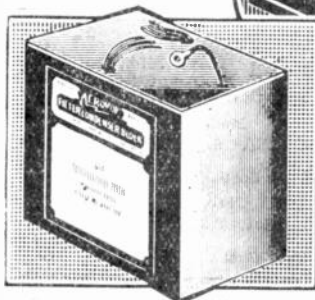
KOLSTER K-43

The original Dubilier Type PL 1557 Filter Condenser for the Kolster K-43. 5.1 mfd. total capacity. Shpg. Wt. 3 lbs. **\$195**

2B1334—Your Cost



**The Finest
CONDENSER
BLOCKS**
ever made for
ATWATER KENT
Models 37 and 38
and **MAJESTIC**
70 and 90 Series.



Aerovox Quality Condenser Blocks

For Majestic and Atwater-Kent Sets

There are replacement condenser blocks without number on the market for Majestic and Atwater Kent receivers. Some are represented to be "just-as-good" as the originals, while others are sold for what they really are—junk. Many Servicemen have asked us for units, not of the just-as-good variety, but better than the originals. We referred these many requests to Aerovox and these three blocks are the result: as good as modern machinery, engineering skill and fine materials can make them—so good, in fact that they are guaranteed by the manufacturer and ourselves to represent at least ten per cent more and better service than do the original units. Those looking for "price" merchandise will not be interested in the thousands of units now on the market which, because of their having been assembled from used and near-worthless materials can be sold for a song. If, however, your service charge will stand a few dollars more it will mean better service to your customer and more credit to you to use Aerovox. Identical in measurement and electrical characteristics with the originals; installed without any alterations whatever.

For ATWATER KENT Models 37 & 38

2D3950—Shpg. Wt., 7 lbs.
List Price, \$9.00
Your Cost **\$3.10**

For MAJESTIC 70 SERIES

2D3955—Shpg. Wt., 6 lbs.
List Price, \$9.00
Your Cost Each **\$3.10**

For MAJESTIC 90 SERIES

2D3956—Shpg. Wt., 8 lbs.
List Price, \$10.00
Your Cost Each **\$3.30**

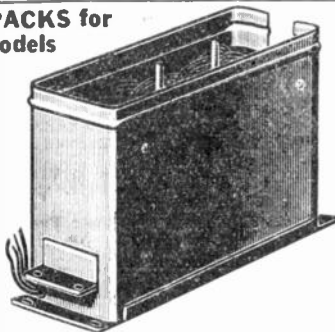
ATWATER KENT BIPASS



For Models 37, 38, 40, 42, 44, and 46.
Made by Aerovox. The very best bipasses obtainable for these receivers. Guaranteed Shpg. Wt. 8 ounces.
2D3960—Del.
Your Cost **95¢**

TRUEST POWER PACKS for ATWATER KENT Models 40, 42, 44, 45, 52, 56

These are the first high quality replacement power packs to be offered for Atwater Kent Receivers. Here-to-fine Servicemen have had to accept make-shift packs assembled from reclaimed and surplus material, which naturally gave poor and short lived service. By contracting for a large quantity of these units we were able to get packs made up from brand new first quality materials that were made especially for the purpose. They are equal or superior to the original units and we guarantee them to give you satisfactory service. Color coded exactly like the originals so that you will have no trouble installing them. Shipping weight, 14 lbs.



2B1376—Your Cost Each **\$5.25**
For Models 43, 46, 47, and 53
The same high quality as the above blocks and very similar in appearance. Identical in electrical characteristics and physical dimensions with the original units. Color-coded for easy installation. Shipping weight, 14 lbs.
2B1375—Your Cost Each **\$7.50**

For Columbia KOLSTER Models 931 & 961

\$3.50



The original replacement condenser blocks for Columbia Kolster models 931 and 961. Brand new and guaranteed. Black enamel case size, 6x3 3/4 x 6 1/4 in. high. Brandes part No 4212. Shipping weight, 7 lbs.
2B676—Your Cost Each **\$3.50**

For KOLSTER K24 and K36 COLUMBIA C5 and 902

The original condenser block for the above receivers. Almost identical in appearance with the above block. Black enamel case size, 6 1/4 x 3 3/4 x 6 1/4 inches high. Seven 8 inch leads. Brandes part No 3723. Shipping weight, 7 pounds.
2B676—Your Cost Each **\$3.50**

SPEAKER BIPASS CONDENSER



For Atwater Kent Models 37, 38, 40, 46, 42, 44. Made by Aerovox. Guaranteed to give service equal or superior to the originals. No better obtainable at any price. Shipping weight 1 oz.
2D3961—Del.
Your Cost Each... **70¢**

Replacement Bipass for ATWATER KENT Models 55, 55C and 60



The original part. Better order several as our supply of these is limited. Shipping weight, 6 oz.
2D3962—Del.
Your Cost Each **59¢**

CONDENSER



MAJESTIC &

Replacement Blocks
for Majestic
"A" and "B"
Eliminators



BLOCKS FOR ATWATER KENT

Replacement Blocks
for Majestic
7BP6, 8BP6, 9BP6
and "A" Eliminators

For
A.K. 37
and 38



Condenser BLOCKS

These blocks, built to the exact specifications of the originals contain filter condenser block and 3 chokes, two high voltage filter chokes and one speaker choke. By placing an order for a huge quantity of these units we are in a position to bring the Serviceman a thoroughly reliable unit for about the same price others are asking for surplus and deteriorated materials. These are brand new and Guaranteed. Why take a chance with others? Shipping weight, 5 pounds **\$2.20**
2B1378—Your Cost Each **\$2.20**

For MAJESTIC 7BP6

(Sets with 171 Type Tubes)
Size: 8 3/4 x 2 1/2 x 4 1/2 in. Shpg. Wt., 4 lbs.
2B1070—Your Cost Each **\$2.25**

For MAJESTIC 9BP6

(Sets with 245 Type Tubes)
Size: 8 3/4 x 2 1/2 x 4 1/2 in. Shpg. Wt., 5 lbs.
2B1067—Your Cost Each **\$2.25**

For MAJESTIC 8BP6

(Sets with 250 Type Tubes)
1000 Volt test Condensers. Size: 8 3/4 x 2 1/2 x 4 1/2 in. Shpg. Wt., 4 lbs.
2B1069—Your Cost Each **\$3.75**

For MAJESTIC "A" ELIMINATORS

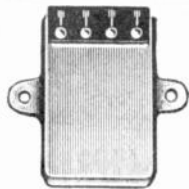
Size 3 1/4 x 3 3/4 x 7 3/4 in. Shpg. Wt., 4 lbs.
2B849—Your Cost Each **\$2.75**

These TRUEST Replacement Blocks models produce a lasting and satisfactory job—one that you will be proud of! Built especially for us, to our own high standards of excellence, from the best quality brand new materials. They are exact duplicates of the originals in every detail. Other houses are listing blocks for the Majestic models with "250" tubes as the same price they are asking for "171" and "245" units, but we have investigated them and all that we have tested contain 400 volt test condensers which can not possibly stand up under the higher plate voltage of "250" tubes. By contracting for a huge quantity of these blocks we have been able to obtain units built to the proper specifications while, at the same time, keeping the price to you within the range of economy. Why take a chance with Junk when you can buy the genuine article for the same price?

You would not want better Replacement Blocks than these sturdy units for Majestic "B" Eliminators. Made to the exact specifications of the originals from brand new, first grade merchandise, they will give you the kind of service you have a right to expect for your money. The sizes are exactly right and the electrical characteristics have been identically duplicated Shpg. Wt., 5 lbs.

2B848—For Majestic Super "B"
Your Cost Each **\$1.98**
2B847—For Majestic Master "B"
Your Cost Each **\$1.98**
2B846—For Majestic Special Master "B"
Your Cost Each **\$2.25**

A.K. BY-PASS CONDENSER



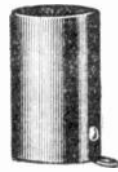
Part 15158

An exact replica of the original Atwater Kent By-Pass condenser for their receivers. Shpg. Wt. 1 lb.
2B510—80¢
Your Cost.

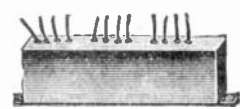
SPARTON REPLACEMENT Tubular Condensers

Made expressly for replacement in all Sparton receivers. Guaranteed to outperform their predecessors. Available in the following capacities.

2B511—25 mfd. 2B513—1.0 mfd. 2B512—.50 mfd.
Your Cost Each **33¢**
either type



GENERAL PURPOSE



By-pass
Contains nine 1-10 mfd. sections. Has 3 commons. Replacement and experimenter's condenser block. Shpg. Wt. 2 lbs.
2B509—Your Cost Each 34¢
In Lots of Ten **33.00**

RCA-VICTOR BY-PASS CONDENSERS GENUINE REPLACEMENTS

For RCA Models 17-50-60-62-61
Part No. 5681: two ½ mfd. **25¢**
2B481—Your Cost
Part No. 5665: One 1 mfd. **29¢**
2B482—Your Cost

For RCA Model 41 A.C.
Part No. 5664: One ½ mfd. **20¢**
2B484—Your Cost
Part No. 5665: One 1 mfd. **29¢**
2B482—Your Cost

For RCA Models 44-46-17
Part No. 6002: One ¼ mfd. One ¾ mfd. **35¢**
2B485—Your Cost
Part No. 6003: Three .1 mfd. **23¢**
2B486—Your Cost

For RCA Model 66
Part No. 6021: Capacitor Pack (By-pass). **57¢**
2B1009—Your Cost

For RCA Model 64
Part No. 5862: Six capacitors in Container. **1\$1.50**
2B1008—Your Cost

For VICTOR MODELS

R-32 RE-45 R-52 RE-75

Part No. 60074: .1 .1 .125 Mfd. **20¢**
2B478—Your Cost
Part No. 60564: .1 .1 .1 Mfd. **20¢**
2B479—Your Cost
Part No. 60835: .1 Mfd. **15¢**
2B480—Your Cost



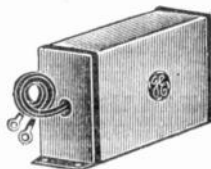
Faradon Filter Condenser



**2 Mfd
1.5 Mfd
Size, 3 1/2
x 4 3/4 x
1 1/2 ins.**

Makes an ideal replacement unit for general purpose work. For use in Radio receivers and power amplifiers. Shpg. Wt. 2 ½ lbs.
2B679—Your Cost, Each 25¢
In Lots of Ten, Each..... **22¢**

GENERAL ELECTRIC



Condenser 4 1/2 Mfd. 800 Volts

Genuine G. E. Filter condenser for amplifiers and Public Address systems. Metal container. Size 5 1/4 x 1 3/4 x 2 3/4 ins. high. Flexible insulated leads. Shpg. wt. 3 lbs.

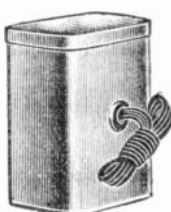
2B477—List \$4.00 69¢
Your Cost, Special

GENERAL ELECTRIC 3 Mfd. 600 Volts VICTOR RE-45—RE-75

The official replacement part No. DL 2961390, for the above Victor sets. 115 A. C. volt rating. Metal container. Size 2 3/4 x 5 x 3/4 in. Mounting bracket. Flexible leads. Shpg. wt. 1 1/2 lb.
2B487 45¢
Your Cost

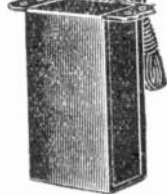


FARADON CAPACITOR



Total capacity, 12 mfd., 300 operating volts D. C. 600 V. Flash test. Red 4 mfd., Brown 3 mfd., Blue 3 mfd., yellow 2 mfd., Black is common. Metal Container, size 5 x 3 3/4 x 2 1/2 ins. Made for replacement in a Nationally known set. Shpg. wt. 4 lbs.
2B683—95¢
Your Cost

OZARKA RADIO FILTER CONDENSER



General purpose replacement filter condenser bank. Consists: Two 2 mfd. One 4.5 mfd. and Two .5 mfd. at 400 V. D. C. in metal container Size 2 1/2 x 2 x 5 1/2 in. high with mounting flange
2B489—Shpg. wt. 3 lbs 49¢
Your Cost, Special

FARADON CONDENSER 4 Mfd—300 Volts

An exceptional fine condenser for general replacement work. Replaces sections that are blown in power packs, units, "B" Eliminators and amplifiers. Sturdy and moisture-proof container. Size, 4 1/2 x 2 1/4 x 1 1/2 inches. Conservative rating of 300 volts, at 4 Mfd. Shpg. wt. 1 1/2 lbs.

2B685—35¢
Your Cost Each
In Lots of Ten **30¢**
Your Cost Each



TRUTEST SUPER-POWER CONDENSERS

These filter condensers are all non-inductively wound. The dielectric material employed is 100% pure linen paper, free from acid, alkali, bleaching material and impurities.

They are thoroughly impregnated with high melting point compound to protect them against the heat development in high power units.



Cat. No.	Capacity	D.C.W.V.	Your Cost
2E5440	1. mfd.	400	\$0.62
2E5441	2. "	400	.90
2E5442	4. "	400	1.75
2E5443	1. "	600	.95
2E5444	2. "	600	1.35
2E5445	4. "	600	2.45
2E5446	1. "	800	1.10
2E5447	2. "	800	1.95
2E5448	1. "	1000	1.50
2E5449	2. "	1000	2.95
2E5450	4. "	1000	5.25



FLECHTHEIM SUPERIOR CONDENSERS

Midget Condensers

Completely encased in very small metal containers. Can be used in a variety of places in any circuit up to 500 volts D.C.

Stock No.	Capacity	Your Cost	Stock No.	Capacity	Your Cost
2D2800	.0001	\$.22	2D2806	.004	.24
2D2801	.0002	.22	2D2807	.005	.27
2D2802	.00025	.22	2D2808	.006	.30
2D2803	.0005	.22	2D2809	.01	.32
2D2804	.001	.24	2D2810	.02	.35
2D2805	.002	.24	2D2811	.05	.40

SUPERIOR BY-PASS AND Filter Condensers

Both types are non-inductive. By-Pass are rated at 250 volts D.C. and Filter at 450 volts D.C. Quiet and dependable in operation. For use in all low voltage circuits.



BY-PASS			FILTER		
Stock No.	Capacity	Your Cost	Stock No.	Capacity	Your Cost
2D2825	.1	\$0.30	2D2831	.1	\$0.32
2D2826	.25	.32	2D2832	.25	.35
2D2827	.50	.35	2D2833	.50	.38
2D2828	1.	.40	2D2834	1.	.54
2D2829	2.	.67	2D2835	2.	.86
2D2830	4.	1.30	2D2836	4.	1.51

UNCASED CONDENSERS



For repairing sets, power packs, etc. A neat, compact, thoroughly dependable condenser for general work. Rated at 600 volts D.C. Size 2 x 1 1/4 inches. Furnished with rubber covered wire leads. 600 volts D.C. 440 RMS RAC.

Stock No.	Capacity	Your Cost
2D2819	.10 Mfd.	\$0.27
2D2820	.25 Mfd.	.30
2D2821	.50 Mfd.	.33
2D2822	1 Mfd.	.51
2D2823	2 Mfd.	.75
2D2824	4 Mfd.	1.35

1000-Volt Compact Filter

Here is indeed a revelation in Condenser construction! A 1,000 Volt Condenser in a By-Pass size. Unbelievably small, the new "Universal" can be used in Power Packs with utmost satisfaction and reliability. Their acceptance by builders of the Loftin-White direct coupled amplifiers is added proof of their dependability at high voltage. These condensers are only 2 inches high overall and 1 1/2 inches wide overall. Ideal for replacing high voltage condensers where space is limited. 2 and 4 Mfd. are 4 1/2 x 2 3/8 inches.

Non-inductive for use in 171 and 245 and 250 type amplifier power packs, etc. Rated at 660 rms RAC.



Stock No.	Capacity	List Price	Your Cost
2D2812	.05 Mfd.	\$1.10	\$0.60
2D2813	.10 Mfd.	1.20	.65
2D2814	.25 Mfd.	1.30	.70
2D2815	.50 Mfd.	1.40	.78
2D2816	1 Mfd.	2.00	.95
2D2817	2 Mfd.	3.00	1.65
2D2818	4 Mfd.	5.50	2.95

AEROVOX BY-PASS CONDENSER



These condensers are probably better known to Manufacturers and Servicemen than any line of By-passes on the market. They are available in capacities and voltage ratings used in most all standard radio circuits and are therefore particularly suitable for replacement work. Sections are hermetically sealed in stamped metal cases. Mounted by means of one strip on each end of can; $\frac{1}{8}$ inch hole.

Type 60 Single Section

Size $2\frac{1}{2}$ in. long, $\frac{3}{8}$ in. wide, $\frac{1}{2}$ in. high.

Stock Number	Cap'y Mfd.	Work'g Voltage	Your Cost Each
2D3874	.05	200	.25
2D3875	.1	200	.25
2D3876	.25	200	.29
2D3877	.5	200	.35
2D3878	.05	300	.28
2D3879	.1	300	.28
2D3880	.25	300	.36
2D3881	.05	400	.30
2D3882	.1	400	.30
2D3883	.25	400	.39

Type 60 Multiple Section

Stock Number	Cap'y Mfd.	Work'g Voltage	Your Cost Each
2D3884	1-1	200	.39
2D3885	.25-.25	200	.48
2D3886	1-1-1	200	.54
2D3887	1-1	300	.42
2D3888	1-1	400	.45



Type 61 Single Section

Size $2\frac{1}{2}$ in. long, $1\frac{1}{2}$ in. wide, $1\frac{1}{2}$ in. high (*1 in. high)

Stock Number	Cap'y Mfd.	Work'g Voltage	Your Cost Each
2D3889	1.	200	.51
2D3890	.5	300	.48
2D3891*	1.	300	.72
2D3892	.5	400	.51

Type 61 Multiple Section

Stock Number	Cap'y Mfd.	Work'g Voltage	Your Cost Each
2D3893	.5-.5	200	.63
2D3894	.25-.25	300	.60
2D3895	.5-.5	300	.81
2D3896	1-1-1	400	.72
2D3897	.25-.25	400	.66



Type 62 Single Section

Size $2\frac{3}{4}$ in. long, $2\frac{3}{4}$ in. wide 1 in. high (* $\frac{1}{2}$ in. high.)

Stock Number	Cap'y Mfd.	Work'g Voltage	Your Cost Each
2D3898*	2.	200	.87
2D3899	1.	400	.75

Type 62 Multiple Section

Stock Number	Cap'y Mfd.	Work'g Voltage	Your Cost Each
2D3900	1-1-1	200	.96
2D3901	.5-.5	400	.90



AEROVOX HI-FARAD DRY ELECTROLYTIC CONDENSERS

Contain no liquid to spill or freeze. May be mounted in any position.



These Aerovox DRY Electrolytic Condensers are the latest development in the field. Their DRY characteristics make it possible to mount them upright, horizontally or at any desired angle. All units are made for universal mounting. They may be handled and mounted in the same manner as wax paper units. Their cost per farad is very low which permits the attainment of a high degree of

filtering with consequent improvement in tone and elimination of hum. Their high voltage characteristics (500 volts D.C. peak without series connection) permits their practical use in most of the standard comparatively high voltage power supply filter circuits. Self healing and surge proof. Compact and light in weight. Unaffected by temperature. Leak current very low.

Type E Upright Mounting

Stock No.	Cap'y of Sections	Total Peak Cap'y. DC Volts	Work'g. Volts	Size In. DI.-Hi.	Your Cost
2D3502	4	4	500	450	1 $\frac{1}{2}$ x2 $\frac{3}{4}$
2D3503	8	8	500	450	1 $\frac{1}{2}$ x4 $\frac{1}{2}$
2D3504	8-8	16	500	450	2 $\frac{1}{2}$ x4 $\frac{1}{2}$
2D3505	8-8-8	24	500	450	3 x4 $\frac{1}{2}$
2D3506	8-8-8-8	32	500	450	3 x4 $\frac{1}{2}$
2D3507	2-4-8	14	500	450	3 x4 $\frac{1}{2}$
2D3508	2-8-8	18	500	450	3 x4 $\frac{1}{2}$
2D3509	2-8-16	26	500	450	3 x4 $\frac{1}{2}$
2D3510	20	20	500	450	2 $\frac{1}{2}$ x4 $\frac{1}{2}$
2D3511	30	30	500	450	3 x4 $\frac{1}{2}$
2D3512	10	10	200	180	1 $\frac{1}{2}$ x2 $\frac{3}{4}$
2D3513	25	25	25	20	1 $\frac{1}{2}$ x2 $\frac{3}{4}$
2D3514	1500	1500	12	10	1 $\frac{1}{2}$ x4 $\frac{1}{2}$ x5 $\frac{1}{2}$
2D3515	2000	2000	12	10	1 $\frac{1}{2}$ x4 $\frac{1}{2}$ x5 $\frac{1}{2}$

PRICES INCLUDE UNITS COMPLETE WITH MOUNTING RINGS

Type I Inverted Insulated Mounting

Stock No.	Cap'y of Sections	Total Peak Cap'y. DC Volts	Work'g. Volts	Size In. DI.-Hi.	Your Cost
2D3520	4	4	500	450	1 $\frac{1}{2}$ x2 $\frac{3}{4}$
2D3521	6	6	500	450	1 $\frac{1}{2}$ x4 $\frac{1}{2}$
2D3522	8	8	500	450	1 $\frac{1}{2}$ x4 $\frac{1}{2}$
2D3523	10	10	500	450	1 $\frac{1}{2}$ x4 $\frac{1}{2}$

AEROVOX HI-FARAD DRY ELECTROLYTIC CONDENSERS In Cardboard Containers

These units have exactly the same electrical characteristics as the Hi-Farad Dry Electrolytics in metal containers but have been enclosed in paper to reduce their cost to a minimum. Sturdily constructed with terminals securely riveted. Operate perfectly over a wide range of temperatures. May be mounted very close to each other without causing electrostatic coupling.



Stock No.	Capacity	Peak Voltage	Working Voltage	Size L. W. D.	Net Each
2D3525	1	500	450	2 $\frac{1}{2}$ 1 $\frac{1}{2}$ $\frac{3}{8}$.48
2D3526	2	500	450	2 $\frac{1}{2}$ 1 $\frac{1}{2}$ $\frac{3}{8}$.57
2D3527	4	500	450	4 $\frac{1}{2}$ 1 $\frac{1}{2}$ $\frac{3}{8}$.66
2D3528	5	500	450	4 $\frac{1}{2}$ 1 $\frac{1}{2}$ $\frac{3}{8}$.72
2D3529	6	500	450	4 $\frac{1}{2}$ 1 $\frac{1}{2}$ $\frac{3}{8}$.78
2D3530	8	500	450	4 $\frac{1}{2}$ 1 $\frac{1}{2}$ $\frac{3}{8}$.87



AEROVOX Cartridge Condensers

Especially suitable for radio service work because of their high quality and low cost. Wax impregnated, paper wrapped. Very compact. Non-inductive. High insulation resistance.

Stock No.	Cap'y	Working Voltage	Net Each
2D3910	.006	200	.12
2D3911	.01	200	.12
2D3912	.015	200	.12
2D3913	.02	200	.12
2D3914	.03	200	.12
2D3915	.05	200	.14
2D3916	.1	200	.16
2D3917	.25	200	.21
2D3918	.5	200	.33
2D3919	.006	400	.14
2D3920	.01	400	.14
2D3921	.015	400	.14
2D3922	.02	400	.14
2D3923	.03	400	.14
2D3924	.05	400	.16
2D3925	.1	400	.19
2D3926	.25	400	.30



High Voltage Mica

Suitable for either transmitting or general use. Dielectric is of finest India Ruby Mica, hermetically sealed to protect condenser against temperature, moisture or chemical action. Molded Bakelite.

Type 1456, 2500 Volts

Stock No.	Capacity	Your Cost
2D3820	.00005	.30
2D3821	.0001	.30
2D3822	.00015	.30
2D3823	.0002	.30
2D3824	.00025	.30
2D3825	.0005	.30
2D3826	.001	.39
2D3827	.0015	.48
2D3828	.002	.57

Type 1457, 5000 Volts

Stock No.	Capacity	Your Cost
2D3835	.00005	.39
2D3836	.0001	.39
2D3837	.00015	.39
2D3838	.0002	.45
2D3839	.00025	.45
2D3840	.0005	.54
2D3841	.001	.72
2D3842	.0015	.84
2D3843	.002	.96



TYPE 1460 MICA ASSORTMENT

A good selection of most of capacities in general use. Genuine Aerovox Type 1460 molded Bakelite units, sealed and protected against extreme temperature, moisture and chemical action. The dielectric is of finest grade India Ruby Mica and plates are tinfoil. Condenser element thoroughly impregnated. Size of units, $1\frac{1}{4}$ and $1\frac{1}{2}$ inch mounting centers $\frac{1}{2}$ inches wide. Combination mounting type. Kit consists of the following units: 3—.0001, 3—.0002, 5—.00025, 3—.0005, 3—.001, 3—.002, 2—.003 and 2—.004 Mfd. Shpg. Wt., 4 lbs.

2D3800—Kit of 24 Units. List Price, \$5.30

Your Cost **\$3.81**

Single Units

Aerovox Type 1460 Mica Condensers as described in the above kit, singly.

Stock No.	Capacity	List	Net
2D3801	.00004	.20	.12
2D3802	.00005	.20	.12
2D3803	.00007	.20	.12
2D3804	.000075	.20	.12
2D3805	.0001	.20	.12
2D3806	.00015	.20	.12
2D3807	.0002	.20	.12
2D3808	.00025	.20	.12
2D3809	.00037	.25	.15
2D3810	.0005	.25	.15
2D3811	.0015	.25	.15
2D3812	.0015	.35	.21
2D3813	.002	.35	.21
2D3814	.0025	.35	.21
2D3815	.003	.40	.24
2D3816	.004	.40	.24



TYPE 1450 MICA

Moulded in Bakelite. Capacity predetermined by a patented process. Not affected by extreme temperature, moisture and chemical action. Size, $1\frac{1}{4}$ ins. square. Working Voltage 500.

Stock No.	Capacity	List	Net
2D3844	.00004	.30	.18
2D3845	.00005	.30	.18
2D3846	.00007	.30	.18
2D3847	.000075	.30	.18
2D3848	.0001	.30	.18
2D3849	.00015	.30	.18
2D3850	.0002	.30	.18
2D3851	.00025	.30	.18
2D3852	.00037	.30	.18
2D3853	.0005	.30	.18
2D3854	.001	.30	.18
2D3855	.0015	.35	.21
2D3856	.002	.35	.21
2D3857	.0025	.35	.21
2D3858	.003	.45	.27
2D3859	.004	.45	.27
2D3860	.005	.45	.27
2D3861	.006	.55	.33
2D3862	.0075	.65	.39
2D3863	.01	.75	.46
2D3864	.015	.90	.54
2D3865	.02	1.05	.63
2D3866	.025	1.65	.99
2D3867	.03	2.00	1.20
2D3868	.035	2.35	1.41
2D3869	.04	2.70	1.62



Aerovox Resistor Mountings

Takes any standard grid leak or resistor. Bakelite base, phosphor bronze clips.

2D3990—Single	Your Cost Each.....	15¢
2D3991—Double	Your Cost Each.....	30¢



TRUTEST Assorted By-Pass Condensers

A very handy assortment for the Service Man. Contains 12 of the most popular capacities in drawn metal cans; assorted as follows?

No.	Cap'y Mfd.	Volts
1	.1	200
1	.25	200
2	.5	200
2	1.	200
1	.1	300
1	.25	300
1	.5	300
1	1.	300
1	.5	400
1	1.	400

2D3289—
Your Cost.....**\$3.25**



TRUTEST

By-Pass Condensers

Finest quality By-pass units hermetically sealed in drawn metal containers. Guaranteed to render satisfactory service. Standard size and mounting.

Stock No.	Cap'y	age	Volts	Your Cost Ea.
2D3260	.1	200		.18
2D3261	.25	200		.21
2D3262	.5	200		.26
2D3263	1.0	200		.30
2D3264	2.0	200		.58
2D3265	.15	300		.18
2D3266	.25	300		.22
2D3267	.5	300		.25
2D3268	1.0	300		.43
2D3269	.1	400		.20
2D3270	.25	400		.25
2D3271	.5	400		.33
2D3272	1.0	400		.53



MULTI-UNIT BY-PASSES

Stock No.	Cap'y	age	Volts	Your Cost Ea.
2D3273	.1-1	200		.27
2D3274	.1-1-1	200		.37
2D3275	.25-25	200		.32
2D3276	.5-5	200		.41

MULTI-UNIT FILTER

In Drawn Metal Containers

Stock No.	Cap'y	age	Volts	Your Cost Ea.
2D3277	.1-1	400		.30
2D3278	.1-1-1	400		.42
2D3279	.25-25	400		.42
2D3280	.5-5	400		.53

Trutest Renewal Condenser Sections



Hang-up Type Sealed in a wax coated box with two wire leads. Repair men will find a decided advantage by using filter sections of this type placed in a box. Wax will not crack and expose the condenser, reducing the insulation resistance. All are 3 inches high except (*) which is 4 1/2 inches.

Stock No.	Cap'y	age	Size	Volts	Your Cost
2D3250	.5	400	1 1/2 x 1 1/2		.22
2D3251	.5	600	1 1/2 x 1 1/2		.33
2D3252	1.0	200	1 1/2 x 1 1/2		.22
2D3253	1.0	400	1 1/2 x 1 1/2		.36
2D3254	1.0	600	2 7/8 x 1 1/2		.55
2D3255	2.0	200	1 1/2 x 1 1/2		.40
2D3256	2.0	400	2 1/4 x 1 1/2		.64
2D3257	2.0	600	2 1/4 x 1 1/2		.82



New Type MERSHON ELECTROLYTIC CONDENSERS

And now—the improved Mershon! A new compact model in which space factor is emphasized. Here is unquestionably the latest and finest component part of a radio set developed in recent years. They have a special new type seal, thoroughly enclosing and insulating the terminal and are now much smaller in size than the older types.



UPRIGHT TYPE—BRACKET MOUNTING

Stock No.	Cap'y at Anodes	Total Peak Cap'y Volts	Size Inches	List Price	Your Cost
2D2725	8-8	16	430	2 1/2 x 4 1/2	\$4.00
2D2726	5-15	20	430	2 1/2 x 4 1/2	1.50
2D2727	8-18	26	430	3 x 4 1/2	4.50
2D2728	8-8-8	24	430	3 x 4 1/2	6.00
2D2729	8-8-8-8	32	430	3 1/2 x 4 1/2	7.50
2D2730	18-18	32	430	3 x 4 1/2	5.00
2D2731	18-9-9	36	430	3 x 3 1/2	6.00

Prices do not include Mounting Brackets or Vent Covers.

STUD TYPE—INVERTED MOUNTING (Not Insulated)

Stock No.	Cap'y at Anodes	Total Peak Cap'y Volts	Size Inches	List Price	Your Cost
2D2732	4	4	430	1 1/2 x 1 1/2	\$1.40
2D2733	6	6	430	1 1/2 x 2 1/2	1.45
2D2734	8	8	430	1 1/2 x 2 1/2	1.50
2D2735	10	10	430	1 1/2 x 3 1/2	1.65

Accessories for Mershon Condensers

Contact Washers

For above Stud Types.

2D2708—	4¢
Your Cost Each.....	4¢

Insulation Washers

For above Stud Types.

2D2707—	4¢
Your Cost Each.....	4¢

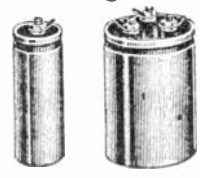
Mounting Brackets

2D2709—2 1/2 inch.	10¢
Your Cost Each.....	10¢

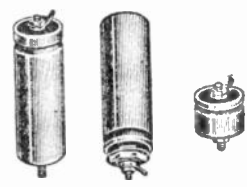
2D2710—3 inch.	10¢
Your Cost Each.....	10¢

2D2711—3 1/4 inch.	10¢
Your Cost Each.....	10¢

TRUTEST HIGH VOLTAGE DRY ELECTROLYTIC CONDENSERS



These fine units are of the dry type. May be mounted in any position without spilling. Hermetically sealed in polished aluminum containers. Will stand temperature of -40 degrees without freezing. Aluminum containers; interchangeable with other makes. Not injured by high voltage surges; self healing. No more capacity required than in paper condensers. 500 Volts D.C. Peak.



UPRIGHT—Top Connected, Mounting Screw at Bottom

Stock No.	Cap'y Mfd. at Anodes	Total Cap'y	Cont. Size Ins.	Your Cost
2D3310	1	1	1 1/2 x 3/4	\$0.40
2D3311	2	2	1 1/2 x 3/4	.48
2D3312	4	4	1 1/2 x 3/4	.56
2D3313	8	8	1 1/2 x 3/4	.68

UPRIGHT—Top Connected, Ring Mounted

Stock No.	Cap'y Mfd. at Anodes	Total Cap'y	Cont. Size Ins.	Your Cost
2D3314	12	12	2 1/2 x 4 1/2	\$1.60
2D3315	2-4-8	14	2 1/2 x 4 1/2	1.40
2D3316	8-8	16	2 1/2 x 4 1/2	1.40
2D3317	15-5	20	3 x 4 1/2	1.60
2D3318	8-8-8	24	3 x 4 1/2	1.85
2D3319	8-8-8-8	32	3 x 4 1/2	2.40
2D3320	9-9-18	36	3 x 4 1/2	2.50
2D3321	8-8-18-18	52	3 1/2 x 4 1/2	3.30
2D3322	9-9-18-18	54	3 1/2 x 4 1/2	3.30

INVERTED STUD MOUNTING—Container Grounded Connection at Bottom

Stock No.	Cap'y Mfd. at Anodes	Total Cap'y	Cont. Size Ins.	Your Cost
2D3323	4	4	1 1/2 x 3/4	\$0.56
2D3324	8	8	1 1/2 x 3/4	.68
2D3325	6-6	12	1 1/2 x 3/4	1.25
2D3326	4-4	8	1 1/2 x 3/4	1.05

INVERTED STUD MOUNTING—Container Insulated Connection at Bottom

Stock No.	Cap'y Mfd. at Anodes	Total Cap'y	Cont. Size Ins.	Your Cost
2D3327	8	8	1 1/2 x 3/4	\$0.85

LOW VOLTAGE ELECTROLYTIC CONDENSERS For Pentode "C" Bias

Stock No.	Cap'y	Peak	Can Size	Your Cost
2D3328	5	75	1 1/2 x 1 1/2	\$0.28
2D3329	10	35	1 1/2 x 1 1/2	.28



MICA CONDENSER KIT

Thirty-five Nationally known mica condensers, neatly packed in kit form. A very convenient selection to keep on hand and an amazing bargain. Assorted as follows:

- 10 Sangamo Illini .00025
- 5 Sangamo Illini .000125
- 5 Sangamo Illini .001
- 5 Aerovox .002
- 5 Polymet .0005
- 5 Polymet .0001

2D3287—	\$1.75
Your Cost for Kit.....	

DOZEN ASSORTMENT

Envelope containing two each of the above mica condensers (12).

2D3288—	60¢
Your Cost.....	



TRUTEST

Dry Electrolytic Cartridge Condensers

Enclosed in waxed cardboard containers with metal ends and 1 3/4-inch tinned wire leads. Hermetically sealed. Very convenient to use. Compact.

Stock No.	Cap'y Mfd.	Work Volts	Your Cost
2D3290	.5	500	\$0.24
2D3291	1.0	500	.29
2D3292	2.0	500	.33
2D3293	5.0	35	.24
2D3294	5.0	75	.28
2D3295	10.0	35	.24
2D3296	10.0	75	.29
2D3297	25.0	50	.50
2D3298	25.0	100	.55

TRUTEST Dry Electrolytics in Cardboard

Suitable for use in the manufacture of radio sets or for replacement work to substitute for wax paper condenser blocks.

2D3300—Two Mfd. 500 volts peak size 2 1/2 x 1 1/2 inches.	38¢
Your Cost Each.....	
2D3301—Four Mfd. 500 volts peak, size 2 1/2 x 1 1/2 x 1 1/2 inches.	44¢
Your Cost	
Each	
2D3302—Six Mfd. 500 volts peak size 4 1/2 x 1 1/2 x 1 inches.	52¢
Your Cost Each.....	
2D3303—Eight Mfd. 500 volts peak, size 4 1/2 x 1 1/2 x 1 inch.	58¢
Your Cost Each.....	

SPRAGUE MIDGETS



High voltage Midget Condensers tested to 1500 volts, suitable for continuous operation at 1000 volts. Easy to handle; most popular small condenser on the market.

Stock No.	Cap'y Mfd.	Your Cost	Each Per Doz.
2D4225	.05-.025	\$0.06	\$0.60
2D4226	.01	.10	1.00



WAXTITE CONDENSERS

Polymet Waxtite Condensers are the original type of paper wrapped cartridge condensers. Self supporting on stiff wire leads. 2 inches long. The most convenient form of condenser to use. Round and oval.

Stock No.	Cap. Mfd.	Work. V.	Di. Lg.	Your Cost
2D3090	.05	200	1 1/2 x 1 1/2	\$1.12
2D3091	.1	200	1 1/2 x 1 1/2	.12
2D3092	.25	200	1 1/2 x 1 1/2	.15
2D3093	.5	200	1 1/2 x 1 1/2	.20
2D3094	1.0	200	1 1/2 x 1 1/2	.25
2D3095	.002	400	1 1/2 x 1 1/2	.12
2D3096	.005	400	1 1/2 x 1 1/2	.15
2D3097	.01	400	1 1/2 x 1 1/2	.15
2D3098	.025	400	1 1/2 x 1 1/2	.17
2D3099	.05	400	1 1/2 x 1 1/2	.20
2D3100	.1	400	1 1/2 x 1 1/2	.20
2D3101	.25	400	1 1/2 x 1 1/2	.20
2D3102	.5	600	1 1/2 x 1 1/2	.17
2D3103	.05	600	1 1/2 x 1 1/2	.20
2D3104	.1	600	1 1/2 x 1 1/2	.25
2D3105	.25	600	1 1/2 x 1 1/2	.30



COMPACT BY-PASS CONDENSERS

Replacement condensers in flat drawn cans. Single section only. Size approx. 3/4 in. high, 1 to 1 1/4 in. wide, 2 1/2 to 2 3/4 in. long, according to capacity and working voltage.

Stock No.	Cap. Mfd.	Work. V.	Your Cost
2D3110	.05	200	\$2.20
2D3111	.1	200	.22
2D3112	.25	200	.25
2D3113	.5	200	.30
2D3114	1.0	200	.37
2D3115	.05	400	.27
2D3116	.1	400	.30
2D3117	.25	400	.35
2D3118	.5	400	.42
2D3119	.1	600	.37
2D3120	.25	600	.49

MULTIPLE SECTION BY-PASSES

Drawn shell cans. Made to R.M.A. standards. Same size as single section condensers described above.



Stock No.	Sect. & Capy	Work. V.	Your Cost
2D3121	Dual .1	200	\$3.35
2D3122	Dual .25	200	.42
2D3123	Dual .5	200	.49
2D3124	Triple .1	200	.49
2D3125	Triple .25	200	.61
2D3126	Quad. .1	200	.67
2D3127	Dual .1	400	.49
2D3128	Dual .25	400	.61
2D3129	Dual .1	600	.61



"HI-VOLT" FILTER CONDENSERS

Polymet Hi-Volt paper filter condensers are enclosed in metal cans in seven sizes as follows: (1) 3 1/2 in. high, 1 1/2 in. wide, 2 1/2 in. long; (2) 3 1/2 in. high, 1 1/2 in. wide, 2 1/2 in. long; (3) 1 1/2 in. high, 1 1/2 in. wide, 2 1/2 in. long; (4) 7/8 in. thick, 2 1/2 in. wide, 5 in. high; (5) 1 1/4 in. thick, 2 1/2 in. wide, 5 in. high; (6) 1 1/4 in. thick, 2 1/2 in. wide, 5 in. high; (7) 1 1/4 in. thick, 2 1/2 in. wide, 5 in. high.

Stock No.	Cap. Mfd.	Work. V.	Can	Your Cost
2D3155	.1	500	1	\$3.35
2D3156	.25	500	1	.44
2D3157	.5	500	2	.73
2D3158	1.0	500	3	.98
2D3159	2.0	500	6	1.59
2D3160	.1	600	1	.37
2D3161	.25	600	1	.45
2D3162	.5	600	2	.85
2D3163	1.0	600	3	1.23
2D3164	2.0	600	6	1.83
2D3165	.1	800	1	.61
2D3166	.25	800	2	.73
2D3167	.5	800	3	1.10
2D3168	1.0	800	6	1.59
2D3169	2.0	800	12	2.45
2D3170	.1	1000	1	.73
2D3171	.25	1000	3	.85
2D3172	.5	1000	5	1.22
2D3173	1.0	1000	6	1.96
2D3174	2.0	1000	12	3.68



Series DRB

POLYMET DRY ELECTROLYTIC CONDENSERS In Cardboard Containers

These condensers are used by leading manufacturers and are considered superior to others on the market. They are light, compact and moderate in price. Mounted in any position. Mounting strips available if desired.

SERIES DRA—PEAK VOLTAGE 500

Stock No.	Cap. Mfd.	Size	Strap	Your Cost
2D3141	2	1 1/2 x 2 1/2	DSA	\$4.44
2D3142	4	1 1/2 x 2 1/2	DSA	.49
2D3143	6	1 1/2 x 2 1/2	DSB	.54
2D3144	8	1 1/2 x 2 1/2	DSC	.61
2D3145	10	1 1/2 x 2 1/2	DSD	.73

SERIES DRB PEAK VOLTAGE 220

Stock No.	Cap. Mfd.	Size	Strap	Your Cost
2D3146	2	1 1/2 x 2 1/2	DSE	.37
2D3147	4	1 1/2 x 2 1/2	DSF	.44

SERIES DRC PEAK VOLTAGE 25

Stock No.	Cap. Mfd.	Size	Strap	Your Cost
2D3148	25	1 1/2 x 2 1/2	DSC	.49

MOUNTING STRAPS

Shaped metal straps with 3/32 in. hole for above

2D3149-DSA	2D3151-DSC	2D3153-DSE
2D3150-DSB	2D3152-DSD	2D3154-DSF

Either Type **05¢**
Your Cost



POLYMET Dry Electrolytic Condensers In Metal Containers

Two distinct types: Single section condensers are supplied in round inverted cans, for single hole mounting; dual and triple units are in rectangular cans with mounting; dual and triple units

Series	Cap. Mfd.	Size	Your Cost
2D3131	4	1 1/2 x 4 1/2	\$1.56
2D3132	6	1 1/2 x 4 1/2	.61
2D3133	8	1 1/2 x 4 1/2	.69

Series	Cap. Mfd.	Size	Your Cost
2D3134	4-4	1 1/2 x 2 1/2 x 4 1/2	1.10
2D3135	6-6	1 1/2 x 2 1/2 x 4 1/2	1.23
2D3136	8-8	1 1/2 x 2 1/2 x 4 1/2	1.35

Series	Cap. Mfd.	Size	Your Cost
2D3137	4-4-4	2 1/2 x 2 1/2 x 4 1/2	1.59
2D3139	6-6-6	3 x 3 1/2 x 4 1/2	1.72
2D3140	8-8-8	3 x 3 1/2 x 4 1/2	1.96



SANGAMO MICA CONDENSERS

Sangamo condensers are moulded in bakelite and meet the most exacting requirements for all circuits.

Stock No.	Capacities Mfd.	List Price	Your Cost
2D3050	0.00004	\$0.10	\$2.23
2D3051	0.00005	.50	.40
2D3052	0.0001	100	.23
2D3053	0.0006	60	.40
2D3054	0.00015	150	.40
2D3055	0.0002	200	.40
2D3056	0.00025	250	.40
2D3057	0.0003	300	.40
2D3058	0.00035	350	.40
2D3059	0.0004	400	.40
2D3060	0.0005	500	.40
2D3061	0.001	1000	.50
2D3062	0.0012	1200	.50
2D3063	0.0015	1500	.50
2D3064	0.002	2000	.50
2D3065	0.0025	2500	.50
2D3066	0.003	3000	.60
2D3067	0.0035	3500	.60
2D3068	0.004	4000	.70
2D3069	0.005	5000	.70
2D3070	0.006	6000	.85
2D3071	0.007	7000	.90
2D3072	0.008	8000	1.00
2D3073	0.01	10000	1.15
2D3074	0.012	12000	1.20
2D3075	0.015	15000	1.25

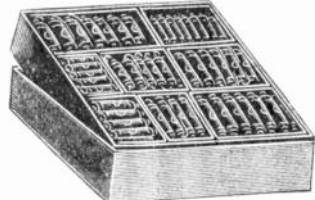


CORNELL "CUB" Cartridge Condensers

Tolerance 10-20%

Tubular paper Condensers thoroughly impregnated in wax. The handiest type to use.

Stock No.	Cap. Mfd.	Diam. In.	Work. Volts	Your Cost
2D3200	.01	.440	200	\$1.10
2D3201	.02	.580	200	.10
2D3202	.03	.580	200	.10
2D3203	.05	.580	200	.10
2D3204	.1	.580	200	.10
2D3205	.2	.775	200	.14
2D3206	.25	.775	200	.12
2D3207	.3	.775	200	.16
2D3208	.5	.975	200	.16
2D3209	1-1	...	200	.20
2D3210	2-2	...	200	.23
2D3211	.01	.440	400	.10
2D3212	.02	.580	400	.12
2D3213	.03	.580	400	.12
2D3214	.05	.580	400	.13
2D3215	.06	.580	400	.14
2D3216	.1	.580	400	.13
2D3217	.2	.775	400	.15
2D3218	.25	.775	400	.17
2D3219	.3	.975	400	.19
2D3220	.5	.975	400	.24
2D3221	1-1	...	400	.22
2D3222	.05-.05	...	400	.25
2D3223	.004	.440	600	.10
2D3224	.005	.440	600	.10
2D3225	.006	.440	600	.10
2D3226	.01	.440	600	.10
2D3227	.015	.580	600	.12
2D3228	.02	.580	600	.12
2D3229	.1	.775	600	.17



Cornell CUB Condenser Kit

Fifty of the most popular capacities used by leading manufacturers. Every Service Man should have this emergency selection. Contains: Following capacities and voltages.

Units	Cap. Mfd.	Volts	Units	Cap. Mfd.	Volts
2	.0001	600	4	.05	400
3	.00025	600	6	.1	200
2	.001	400	6	.1	400
2	.002	400	4	.25	200
3	.006	400	3	.25	400
3	.01	400	3	.5	200
6	.02	400	3	.5	400

2D3238—List \$18.50
Your Cost Per Kit **\$6.95**



CORNELL Condenser Clips

These fixtures provide either vertical or horizontal mounting brackets. The condenser snaps into clips which is riveted to panel. Style "A" consists of clip alone with hole in center; condenser mounted horizontally.

Style "B" consists of angle bracket for vertical mounting of condenser.

Stock No.	Net Ea.	Style "A"	Stock No.	Net Ea.	Style "B"
2D3230	.02	.140	2D3234	.04	
2D3231	.02	.580	2D3235	.04	
2D3232	.04	.775	2D3236	.06	
2D3233	.04	.975	2D3237	.08	



Sangamo "Illini" Mica Condensers

Molded in smooth brown bakelite. Extremely fine limits of accuracy. Absolutely water and damp proof.

Stock No.	Cap. Mfd.	Stock No.	Cap. Mfd.
2D4170	.00002	2D4173	.000131
2D4171	.0001	2D4174	.00025
2D4172	.000125	2D4175	.00065

Any size listed
Your Cost Each **05¢**
12 for **50¢**

Stock No.	Cap. Mfd.	Stock No.	Cap. Mfd.
2D4176	.001	2D4177	.002

Either size
Your Cost Each **08¢**
12 for **80¢**

Remember TRUTEST Resistors are comparable in quality with the finest resistors on the market . . . R.M.A. Color coded for easy identification by means of any RMA chart . . . Guaranteed accuracy, 10% plus or minus . . . Made specially for us by the world's largest resistor manufacturers . . . Can be sold at a low price only because of the fact that we buy in huge quantities. CARBON RESISTORS

D24


1 WATT R.M.A. Resistor KIT

\$2.75

Twenty four TruTest R.M.A. color coded 1 watt resistors in a neat and durably finished metal case measuring 4½x6¼x¾ inches deep. The handiest arrangement ever devised for the serviceman. Over a thousand ranges possible by different combinations of these units. Kit consists of the following high grade resistors:

1— 200 Ohms	1— 20,000 Ohms
1— 400 "	1— 25,000 "
1— 500 "	1— 30,000 "
1— 800 "	1— 40,000 "
1— 1,000 "	1— 50,000 "
1— 2,000 "	1— 60,000 "
1— 3,000 "	1— 75,000 "
1— 4,000 "	1— 100,000 "
1— 6,000 "	1— 250,000 "
1— 10,000 "	1— 500,000 "
1— 12,500 "	1— 1 Megohms
1— 15,000 "	1— 2 Megohms

2E4432—Shpg. Wt. 1¼ lbs. **\$2.75**
Your Cost per Kit

TruTest Carbon Resistors are of the finest material and workmanship guaranteed against variation of resistance under load and to be within 10% plus or minus of their rated values. Molded under high pressure to assure a sturdy unit that will not crack or break under strain or vibration incident to use.

1 WATT CAPACITY

Stock No.	Ohms	Stock No.	Ohms
2E4300	200	2E4312	3500
2E4301	400	2E4313	4000
2E4302	500	2E4314	5000
2E4303	600	2E4315	6000
2E4304	700	2E4316	7000
2E4305	800	2E4317	7500
2E4306	1000	2E4318	8000
2E4307	1250	2E4319	10000
2E4308	1500	2E4320	12500
2E4309	2000	2E4321	15000
2E4310	2500	2E4322	17500
2E4311	3000	2E4323	20000

Your Cost Each Any Value **10¢**

2 WATT CAPACITY

Stock No.	Ohms	Stock No.	Ohms
2E4350	1000	2E4355	7500
2E4351	1500	2E4356	10000
2E4352	2000	2E4357	12500
2E4353	2500	2E4358	15000
2E4354	5000	2E4359	20000

Your Cost Each, Any Value Listed. **18¢**

3 WATT CAPACITY

Stock No.	Ohms	Stock No.	Ohms
2E4370	1000	2E4375	7500
2E4371	1500	2E4376	10000
2E4372	2000	2E4377	12500
2E4373	2500	2E4378	15000
2E4374	5000	2E4379	20000

Your Cost Each, Any Value Listed. **22¢**

TruTest Carbon Resistors have a negative temperature coefficient which means that they will not heat when carrying their full rated load. We recommend them unconditionally for either new or replacement uses where a high grade, non-inductive resistor of a relative high current carrying capacity has been specified.

1 WATT CAPACITY

Stock No.	Ohms	Stock No.	Ohms
2E4324	25000	2E4336	300000
2E4325	30000	2E4337	500000
2E4326	40000	2E4338	1-Meg
2E4327	50000	2E4339	2-Meg
2E4328	60000	2E4340	3-Meg
2E4329	70000	2E4341	4-Meg
2E4330	75000	2E4342	5-Meg
2E4331	100000	2E4343	6-Meg
2E4332	125000	2E4344	7-Meg
2E4333	150000	2E4345	8-Meg
2E4334	200000	2E4346	9-Meg
2E4335	250000	2E4347	10-Meg

Your Cost Per Dozen Any Value **\$1.05**

D48


1 WATT Resistor KIT

\$4.95

Forty-eight of the most popular sizes of TRUTEST R.M.A. color coded Resistors in a substantial metal case size, 10¼x4¼x¾ ins. deep. Contains following assortment of units guaranteed 10% accurate:

1— 200 ohms	1— 15,000 ohms
2— 400 "	1— 20,000 "
2— 500 "	2— 25,000 "
1— 600 "	1— 30,000 "
1— 800 "	1— 40,000 "
2— 1,000 "	2— 50,000 "
1— 1,500 "	1— 60,000 "
2— 2,000 "	1— 75,000 "
1— 2,500 "	3— 100,000 "
1— 3,000 "	1— 125,000 "
2— 4,000 "	1— 250,000 "
2— 5,000 "	2— 500,000 "
1— 6,000 "	1— 750,000 "
1— 8,000 "	2— 1 megohm
2— 10,000 "	1— 1½ megohm
1— 12,500 "	2— 2 megohm
1— 17,500 "	1— 3 megohm


Stock No. 2E4433—Shpg. Wt. 2½ lbs. **\$4.95**
Your Cost Each

TRUTEST R.M.A. ½ WATT RESISTORS

The very best quality pigtail type Carbon Resistors. Guaranteed accuracy 10% R.M.A. color coded. Length approximately ¾ inch.

Stock No.	Ohms	Stock No.	Ohms
2E4390	200	2E4409	15000
2E4391	400	2E4410	17500
2E4392	500	2E4411	20000
2E4393	600	2E4412	25000
2E4394	700	2E4413	30000
2E4395	800	2E4414	40000
2E4396	1250	2E4415	50000
2E4397	1500	2E4416	60000
2E4398	2000	2E4417	70000
2E4399	2500	2E4418	75000
2E4400	3000	2E4419	100000
2E4401	3500	2E4420	125000
2E4402	4000	2E4421	150000
2E4403	5000	2E4422	200000
2E4404	6000	2E4423	250000
2E4405	7500	2E4424	300000
2E4406	8000	2E4425	500000
2E4407	10000	2E4426	1 Meg.
2E4408	12500		

Your Cost Each Any Resistance **10¢** Per Dozen **\$1.05**



HANDY RESISTANCE STRIPS

These strips are just the thing for shop or tool kit. They consist of a selection of 1-watt TruTest R.M.A. resistors (labeled for easy identification) neatly mounted on a durable strip with hole at one end for hanging on a nail or hook. By replacing them from our regular TruTest stock as they are used you are equipped with a complete range of resistances at all times. Shpg. Wt., 6 Oz.

Two Strips Assorted as Follows:

One each of the following resistances: (20 in all) 200, 400, 500, 600, 800, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000, 12500, 17500, 15000, 20000, 25000 ohms.

2E4430— **\$1.50**
Your Cost Each

One each of the following resistances: (20 in all) 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000, 750000 ohms; 1, 1.5, 2, 3, 4, 5, 6, 7, 8, and 10 Megohms.

2E4431— **\$1.50**
Your Cost Each



Free R.M.A. COLOR CODE CHART WITH 3 OR MORE

We furnish free with each purchase of three or more TruTest Resistors a serviceable chart by means of which you can instantly determine the resistance value of any RMA coded resistor regardless of make. Since practically all manufacturers use coded resistors this pocket-size chart is extremely convenient to the service man in determining the resistance value of defective resistors which he is called upon to replace.

GUARD YOUR REPUTATION

With I R C Metallized RESISTORS



M. F. 4 1/2
1/2 WATT

M. F. 4, 1 WATT
M. R. 4, 2 WATT

M. F. 4 1/2
1/2 WATT

Pig-tail Type.		Length 1 Inch.	
Stock No.	Ohms	Stock No.	Ohms
2X20000	100	2X20021	25000
2X20001	250	2X20022	30000
2X20002	500	2X20023	40000
2X20003	1000	2X20024	50000
2X20004	1500	2X20025	75000
2X20005	2000	2X20026	100000
2X20006	2250	2X20027	150000
2X20007	2500	2X20028	200000
2X20008	3000	2X20029	250000
2X20009	3500	2X20030	300000
2X20010	4000	2X20031	400000
2X20011	5000	2X20032	1/2 Meg.
2X20012	6000	2X20033	1
2X20013	7000	2X20034	1 1/2
2X20014	8000	2X20035	2
2X20015	9000	2X20036	2 1/2
2X20016	10000	2X20037	3
2X20017	12500	2X20038	3 1/2
2X20018	15000	2X20039	4
2X20019	17500	2X20040	5
2X20020	20000		

List Price, 30c.
Your Price Each.

18c

M. F. 4
1 WATT

Pig-tail Type.		Length 2 Inches.	
Stock No.	Ohms	Stock No.	Ohms
2X20050	100	2X20073	40000
2X20051	250	2X20074	50000
2X20052	500	2X20075	75000
2X20053	1000	2X20076	100000
2X20054	1500	2X20077	150000
2X20055	2000	2X20078	200000
2X20056	2250	2X20079	250000
2X20057	2500	2X20080	300000
2X20058	3000	2X20081	400000
2X20059	3500	2X20082	1/2 Meg.
2X20060	4000	2X20083	1
2X20061	5000	2X20084	1 1/2
2X20062	6000	2X20085	2
2X20063	7000	2X20086	2 1/2
2X20064	8000	2X20087	3
2X20065	9000	2X20088	3 1/2
2X20066	10000	2X20089	4
2X20067	12500	2X20090	5
2X20068	15000	2X20091	6
2X20069	17500	2X20092	7
2X20070	20000	2X20093	8
2X20071	25000	2X20094	9
2X20072	30000	2X20095	10

List Price Each, 30c.
Your Cost Each.

18c

M. R. 4
2 WATT

Pig-tail Type.		Length 2 Inches.	
Stock No.	Ohms	Stock No.	Ohms
2X20100	100	2X20116	8000
2X20101	250	2X20117	9000
2X20102	500	2X20118	10000
2X20103	1000	2X20119	12500
2X20104	1250	2X20120	15000
2X20105	1500	2X20121	20000
2X20106	1750	2X20122	25000
2X20107	2000	2X20123	30000
2X20108	2250	2X20124	40000
2X20109	2500	2X20125	50000
2X20110	3000	2X20126	75000
2X20111	3500	2X20127	100000
2X20112	4000	2X20128	125000
2X20113	5000	2X20129	150000
2X20114	6000	2X20130	175000
2X20115	7000	2X20131	200000

List Price Each, 40c.
Your Cost Each.

24c

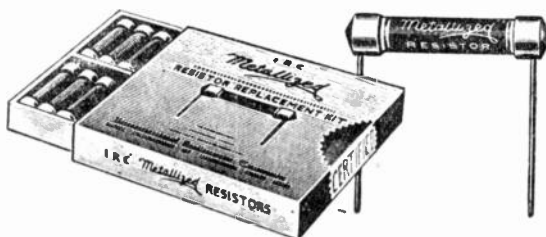
WW 1

Precision wire wound type. Guaranteed accuracy 1%. Length 2 1/4 inches.

Stock No.	Ohms	M.A.	List	Cost
2X20140	1 1000		\$1.50	\$1.03
2X20141	2 707		1.50	1.03
2X20142	3 577		1.50	1.03
2X20143	4 500		1.50	1.03
2X20144	5 448		1.50	1.03
2X20145	6 407		1.50	1.03
2X20146	7 377		1.50	1.03
2X20147	8 353		1.50	1.03
2X20148	9 333		1.50	1.03
2X20149	10 316		1.25	.85
2X20150	25 200		1.25	.85
2X20151	50 141		1.25	.85
2X20152	100 100		1.25	.85
2X20153	150 81		1.25	.85
2X20154	200 71		1.25	.85
2X20155	500 44.6		1.25	.85
2X20156	1000 31.6		1.25	.85
2X20157	2500 20.0		1.25	.85
2X20158	5000 14.1		1.25	.85
2X20159	10000 10.0		1.50	1.03
2X20160	12500 8.7		1.50	1.03
2X20161	20000 7.05		1.50	1.03
2X20162	25000 6.32		1.50	1.03
2X20163	30000 5.75		1.50	1.03
2X20164	35000 5.35		1.50	1.03
2X20165	40000 5.00		1.50	1.03
2X20166	50000 4.47		1.50	1.03
2X20167	60000 4.08		1.50	1.03
2X20168	75000 3.64		1.50	1.03
2X20169	100000 3.16		2.00	1.37
2X20170	125000 2.82		2.00	1.37
2X20171	150000 2.58		2.25	1.32
2X20172	175000 2.43		2.25	1.32
2X20173	200000 2.23		2.50	1.71
2X20174	225000 2.11		2.75	1.89
2X20175	250000 2.00		2.75	1.89
2X20176	300000 1.83		3.00	2.06
2X20177	400000 1.58		3.50	2.40
2X20178	500000 1.41		4.00	2.74

PRICES OF WW 2 PRECISION WIRE WOUND Resistors on Request

A THOUSAND RANGES FROM THIS HANDY KIT!



2X20185—I R C Metallized Resistor Kit of 20 MF 4 (1 watt) units.

List Price \$6.00.
Your Cost

\$3.50

Your Cost **\$3.50** Kit of Twenty

New Low Prices now enables you to obtain the most rugged, accurate moisture-proof resistors made at about the same price you have been paying for ordinary units. This Handy Certified Kit—factory sealed, factory tested and guaranteed—contains the twenty most popular sizes for replacement purposes ranging from 500 ohms to 3 megohms. Thousands of different values can be obtained by following the simple formulas furnished with each kit. 1 each of the following MF4 (1 Watt) resistances in each kit: 500, 1000, 2000, 5000, 10000, 15000, 20000, 25000, 50000, 60000, 70000, 75000, ohms; .1, .2, .35, .5, 1.0, 1.5, 2.0, and 3.0 megohms.

I. R. C. Metallized and Precision Wire Wound Resistors are the finest that advanced engineering knowledge and modern manufacturing skill can produce; they are universally recognized by engineers and servicemen as such. The new low prices quoted below for these fine units now increases their availability to encompass practically every service and laboratory application. Guard your reputation by using them!

**NEW
LOW
PRICES**

These Service Helps FREE To I. R. C. Resistor Users!

I. R. C. VOLT-AMMETER ADAPTER: The measurement of currents and voltages is one of the most fundamental and frequent measurements made in service and the laboratory. Such a wide range of currents and voltages is met with in practice that a number of expensive meters would be required to cover these ranges. A bulletin fully describing the construction of a very simple and inexpensive volt-ammeter adapter which when used in conjunction with any 0-1 milliampere meter will give the user eight meters covering a wide range of voltages and currents, is furnished free with the purchase of any three or more Precision Wire Wound Resistors.

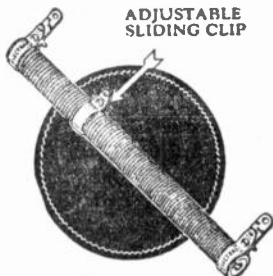
RESISTOR REPLACEMENT GUIDE: An absolute necessity on every serviceman's kit—a most necessary work! This remarkable pocket-size book gives you the correct value, color and position of each resistor in the circuit. It covers almost all makes of reeling sets. Each owner receives additional guide sheets together with valuable service helps each month without cost. Price \$1.00. Sent FREE with an order for ten or more I R C Metallized Resistors.

OHMMETER CALIBRATION SCALE: A wonderful money-saving device. It makes your milliammeter do the work of two meters. Simply place this scale in any 0-1 milliammeter and it automatically becomes a direct reading milliammeter or ohmmeter, reading up to 750,000 ohms through the use of a 22,000 ohm I R C precision resistor and a 22 1/2 V. "C" battery. FREE with any 3 precision Wire-wound Resistors.

RESISTOR COLOR-CODE CHART: The most convenient color-code chart ever devised is available to I R C resistor users. The resistance value of any R.M.A. resistor can be determined instantly by referring to an easy-to-understand table of colors. Given FREE with each purchase of three Metallized Resistors.



ELECTRAD TRUVOLT



ADJUSTABLE
SLIDING CLIP

TRUVOLT RESISTORS

Truvolt Resistors are unlike any other "fixed" resistors in two important respects. The patented open-air construction insures liberal cooling surfaces, which make for more stable voltages and longer life. The distinctive adjustable clips may be added or removed, or placed at the exact position for the voltages required. They are the most adaptable of all resistors, hence ideal for replacement purposes. The resistance wire is wound over an asbestos-covered, enameled copper core. This in turn, is wound around a hollow, grooved fire-lay base.

TYPE B—25 WATTS 2 In. Long

Stock No.	Resistance in Milli-Ohms	Current in amperes	List Price	Your Cost
2G7200	1	5.00	\$.85	\$0.49
2G7201	2	3.50	.85	.49
2G7202	2.5	3.15	.85	.49
2G7203	3	2.80	.85	.49
2G7204	5	2.25	.85	.49
2G7205	7.5	1.80	.85	.49
2G7206	10	1.50	.85	.49
2G7207	15	1.25	.85	.49
2G7208	20	1.10	.85	.49
2G7209	25	1.00	.85	.49
2G7210	50	.70	.85	.49
2G7211	75	.575	.85	.49
2G7212	100	.500	.85	.49
2G7213	200	.353	.85	.49
2G7214	250	.320	.85	.49
2G7215	300	.289	.85	.49
2G7216	400	.250	.85	.49
2G7217	500	.224	.85	.49
2G7218	750	.182	.85	.49
2G7219	800	.177	.85	.49
2G7220	850	.168	.85	.49
2G7221	1000	.158	.85	.49
2G7222	1250	.141	.85	.49
2G7223	1500	.129	.85	.49
2G7224	2000	.112	.85	.49
2G7225	2250	.105	.85	.49
2G7226	2500	.100	.85	.49
2G7227	3000	.91	.85	.49
2G7228	3500	.84	.85	.49
2G7229	4000	.79	.85	.49
2G7230	4500	.75	.85	.49
2G7231	5000	.71	.85	.49
2G7232	6000	.64	.85	.49
2G7233	7000	.60	.85	.49
2G7234	7200	.59	.85	.49
2G7235	7500	.58	.85	.49
2G7236	8000	.56	.90	.52
2G7237	9000	.53	.95	.55
2G7238	10000	.50	1.00	.58
2G7239	12000	.45	1.00	.58
2G7240	15000	.41	1.00	.58
2G7241	20000	.35	1.15	.67
2G7242	25000	.32	1.15	.67
2G7243	30000	.29	1.25	.73
2G7244	40000	.25	1.30	.76
2G7245	50000	.225	1.40	.82

Wt. 1 unit in carton.....1 oz.
Wt. 12 units in container.....13 oz.

Extra Sliders, Each...\$5c
50c per doz.

SUPER-TONATROL

Made in two types—Tandem and Single; both 3 watts. The finest variable resistances obtainable for gain or volume controls, x-mitting attenuators or regeneration controls.

DUAL UNITS—3 WATTS

Stock No.	Ohms	Your Cost, Each..
2G7991	50,000—50,000	
2G7990	15,000—75,000	
2G7989	15,000—50,000	\$2.20

TYPE C—50 WATTS 4 In. Long

Stock No.	Resistance in Milli-Ohms	Current in amperes	List Price	Your Cost
2G7246	100	700	\$1.35	\$0.79
2G7247	200	500	1.35	.79
2G7248	300	406	1.35	.79
2G7249	400	353	1.35	.79
2G7250	500	316	1.35	.79
2G7251	750	259	1.35	.79
2G7252	800	252	1.35	.79
2G7253	1000	224	1.35	.79
2G7254	1250	200	1.35	.79
2G7255	1500	182	1.35	.79
2G7256	2000	158	1.35	.79
2G7257	2250	149	1.35	.79
2G7258	2500	141	1.35	.79
2G7259	3000	129	1.35	.79
2G7260	3500	119	1.35	.79
2G7261	4000	112	1.35	.79
2G7262	4500	105	1.35	.79
2G7263	5000	100	1.35	.79
2G7264	6000	91	1.50	.87
2G7265	7000	84	1.50	.87
2G7266	7200	83	1.50	.87
2G7267	7500	82	1.50	.87
2G7268	8000	79	1.50	.87
2G7269	9000	74	1.50	.87
2G7270	10000	71	1.65	.96
2G7271	12000	65	1.65	.96
2G7272	15000	58	1.65	.96
2G7273	20000	50	1.80	1.08
2G7274	25000	45	1.85	1.08
2G7275	30000	41	1.90	1.11
2G7276	40000	35	1.95	1.14
2G7277	50000	32	2.00	1.17
2G7278	60000	29	2.10	1.23
2G7279	80000	25	2.25	1.31
2G7280	100000	22.5	2.75	1.62

Wt. 1 unit in carton.....1 1/2 oz.
Wt. 6 units in container.....11 oz.

TYPE D—75 WATTS 6 In. Long

Stock No.	Resistance in Milli-Ohms	Current in amperes	List Price	Your Cost
2G7281	100	865	\$1.85	\$1.08
2G7282	200	610	1.85	1.08
2G7283	300	500	1.85	1.08
2G7284	400	432	1.85	1.08
2G7285	500	387	1.85	1.08
2G7286	750	316	1.85	1.08
2G7287	800	306	1.85	1.08
2G7288	1000	274	1.85	1.08
2G7289	1250	245	1.85	1.08
2G7290	1500	224	1.85	1.08
2G7291	2000	194	1.85	1.08
2G7292	2250	182	1.85	1.08
2G7293	2500	173	1.85	1.08
2G7294	3000	158	1.85	1.08
2G7295	3500	146	1.85	1.08
2G7296	4000	137	1.85	1.08
2G7297	4500	129	1.85	1.08
2G7298	5000	122	1.85	1.08
2G7299	6000	112	1.90	1.11
2G7300	7000	103	1.95	1.14
2G7301	7200	102	1.95	1.14
2G7302	7500	100	2.00	1.17
2G7303	8000	97	2.00	1.17
2G7304	9000	91	2.10	1.23
2G7305	10000	87	2.25	1.31
2G7306	12000	79	2.25	1.31
2G7307	15000	71	2.50	1.46
2G7308	20000	61	2.50	1.46
2G7309	25000	55	2.65	1.55
2G7310	30000	50	2.65	1.55
2G7311	40000	43	2.65	1.55
2G7312	50000	39	2.75	1.62
2G7313	60000	35	2.80	1.65
2G7314	80000	31	2.90	1.69
2G7315	100000	27	3.00	1.75

Wt. 1 unit in carton.....2 1/2 oz.

NOTE: Above wattage and current ratings apply only when units are suspended in free air, otherwise loads exceeding 50 per cent of their ratings should not be applied. Voltages greater than 400 D.C. should not be applied across the terminals of any one resistance unit. For high voltages it is advisable to use two or more units in series.

SINGLE UNITS.

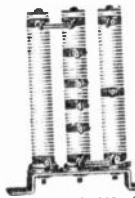
(*) Indicates reverse; others are uniform.

Stock No.	Ohms	List Price \$2.40.	Your Cost.
2G7830	500		
2G7831	1,000		
2G7832	2,000		
2G7833	5,000		
2G7834	10,000		
2G7835*	25,000		
2G7836*	50,000		
2G7975	100,000		



List Price \$2.40.
Your Cost. \$1.32

250 TYPE VOLTAGE DIVIDERS 245—247 TYPE

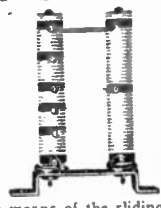


Three Truvolt type "C" units mounted on an insulated bracket for use with any power supply for '10 or '50 type tubes. Easily adjusted taps provide all voltages necessary. 8 sections, a total of 21,000 ohms resistance. 2G7316—Shpg. wt. 12 oz. List Price \$5.00

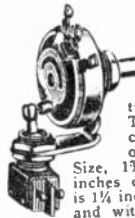
Your Cost \$2.91

Two Truvolt type "C" units mounted on an insulated bracket for use with any power supply for '45 or '47 Pentode type tubes. Total resistance of 14,700 ohms, divided in seven sections to supply all "B" and "C" voltages, by means of the sliding contacts. Shpg. Wt. 1/2 lb. 2G7317—List Price \$3.50

Your Cost \$1.75



POTENTIOMETER CONTROLS



Electrad Potentiometer controls, Manufacturer's type. Suitable for use as volume controls, Tone controls, and Rheostats. The entire range is covered in less than one complete turn. Size, 1 1/2 inches diam., 3/16 inches depth. Shaft overall is 1 1/4 inches. Furnished with and without switch. Wire-wound. Noiseless.

Without Switch	With A.C. Switch
Stock No.	Stock No.
2G7800	2G7813
500	100
2G7801	2G7814
1000	75
2G7802	2G7815
2000	37.5
2G7803	2G7816
5000	23
2G7804	2G7817
10,000	16.5
2G7805	2G7818
25,000	10.5
2G7806	2G7819
50,000	7.5
2G7807	2G7820
100,000	5
2G7808	2G7821
200,000	4
2G7809	2G7822
250,000	3.5
2G7810	2G7823
500,000	2.5
2G7811	2G7824
700,000	2
2G7812	2G7825
7 Meg.	.2

Without Switch
Your Cost, Each..... 45c
With AC Switch
Your Cost, Each..... 70c

TRUVOLT FLEXIBLE RESISTORS

3 Watt, 6 Inches Long with pigtail			6 Watt, 12 Inches Long with pigtail		
Stock No.	Ohms	M.A.	Stock No.	Ohms	M.A.
2G7600	25	346	2G7615	600	70
2G7601	50	245	2G7616	650	68
2G7602	75	200	2G7617	700	65
2G7603	100	173	2G7618	750	63
2G7604	150	141	2G7619	800	61
2G7605	200	122	2G7620	900	57
2G7606	225	115	2G7621	1000	54
2G7607	250	109	2G7622	1100	52
2G7608	300	101	2G7623	1200	50
2G7609	350	92	2G7624	1300	48
2G7610	375	89	2G7625	1400	46
2G7611	400	86	2G7626	1500	44
2G7612	450	81	2G7627	1600	43
2G7613	500	77	2G7628	1650	42
2G7614	550	73	2G7629	1700	42

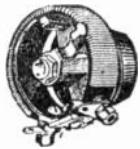
Stock No.	Ohms	M.A.	Stock No.	Ohms	M.A.	Stock No.	Ohms	M.A.
2G7650	50	109	2G7655	5000	34	2G7659	9000	25
2G7651	1000	72	2G7656	6000	31	2G7660	10000	24
2G7652	2000	54	2G7657	7000	29	2G7661	11000	23
2G7653	3000	44	2G7658	8000	27	2G7662	12000	22
2G7654	4000	38						

List Price, \$1.00.
Your Cost, Each..... 48c
Lots of 10, Each 45c

RHEOSTATS AND POTENTIOMETERS RHEOSTATS

Resistance elements made from highest grade materials available. Guaranteed accurate within 5 per cent of rated value. Bakelite insulation. Oversized phosphor bronze contact arm. Metal bearings. Single or three hole mounting. Shpg. Wt. 8 oz.

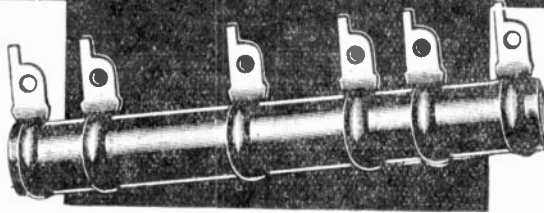
RHEOSTATS		POTENTIOMETERS	
Stock No.	Ohms	Stock No.	Ohms
2G7860	50	2G7858	20
2G7861	100	2G7859	30
2G7862	200	2G7860	10
2G7863	300	2G7861	20
2G7864	400	2G7862	30
2G7865	500	2G7863	400
2G7866	600	2G7864	200
2G7867	700	2G7865	400



List Price, 85c.
Your Cost, Each..... 30c

VOLTAGE DIVIDERS

Wholesale Radio Service presents below an accurate listing of voltage dividers. The serviceman can now be assured that the divider or resistance



he requires is made according to original specifications. This is only a partial list; a complete listing will be sent to those requesting same. (Just another wholesale "Service").

Name and Model	Resistance	Stock No.	Your Cost		
ACME					
Model AC-7.....	2500-1200-200	1X20400	\$0.75		
Model AC-7.....	2000-290	2X20401	.55		
ALL AM. MOHAWK					
Model A-B-C-D-E-F-G-H.....	2000-2000-1000-300-900				
Model C-6.....	3000-2000-2500-900	2X20402	.95		
Model Lyric K.....	908-150-650-40-250-2000-1700	2X20403	.95		
		2X20404	.95		
AMRAD					
Model AC-7.....	2175-1555-350	2X20405	.75		
APEX					
Model 8.....	500-1000-1200-600-600-550	2X20406	.98		
Model 10.....	500-1000-1800-600-425	2X20407	.88		
Model 20.....	55-1250-3750	2X20408	.73		
Model 26.....	1000-2640	2X20409	.58		
Model 26-P.....	640-360-2640	2X20410	.73		
Model 27.....	4700-8400-10,700	2X20411	.73		
Model 28.....	7000-700-2200-70	2X20412	.73		
Model 48.....	700-2200-700	2X20413	.73		
ARGUS					
Model B-125.....	300-435-735	2X20414	.73		
Model B-195.....	4000-460-700-65-280	2X20415	1.45		
ARBORPHONE					
AC Model.....	1500-20,000-0-1300-275				
Model R-11.....	1100-250	2X20416	.95		
Model R-11.....	8500-2000	2X20417	.55		
		2X20418	.75		
AUDIOLA					
Model 31 Series.....	2300-2100-850	2X20419	.75		
Model Super-Pentode.....	10,000-10,000-4000	2X20420	.73		
BALKEIT					
Models AB6, 180-A, 180-B.....	6000-3000-1800	2X20421	.75		
Model C.....	3600-770	2X20422	.55		
Model F.....	4500-650	2X20423	.65		
Models B-7, B-9.....	7700-12,000-4300	2X20424	.95		
Model A-7.....	10,000-3200	2X20425	.75		
Models AB6, 135, B-135.....	6000-3500	2X20426	.75		
BOSCH					
Model 28.....	5000	2X20427	.55		
Model 29-825.....	10,000-10,000	2X20428	.85		
Model 29-825.....	2000	2X20429	.35		
Model 28.....	1200	2X20430	.27		
Model 48.....	950-1450-2000	2X20431	.70		
Model 49.....	1650-800-1950	2X20432	.70		
Model 58.....	2050-1950-180-950	2X20433	.75		
Model 54 DC.....	5 ohms	2X20434	.28		
Model 54 DC.....	22 ohms	2X20435	.28		
Model 60.....	1300-2380-160-950	2X20436	.75		
Model 62, 63 AC.....	1400-2800-250	2X20437	.75		
Model 62, 63 DC.....	20,000-5000-900-150				
		2X20438	.95		
BRANDES (Kolster)					
Model B-10.....	5600-0-1800-140-1000	2X20439	.95		
Model B-11.....	1800-0-450-45-2500				
		2X20440	.95		
Models B-15, B-16.....	2500-45-410	2X20441	.95		
BREMER-TULLY					
Models 6-40, 6-41.....	3000-560-6500-5000-1660	2X20442	.78		
Models 8-20, 8-21.....	4900-5500-3000	2X20443	.75		
BRUNSWICK					
Models PR-17-8, B-17.....	1690-205-2140-3750-410				
		2X20444	.55		
Models 5-KR, 3-KR, 2-KR, etc.....	1600-1900-440	2X20445	.28		
Models 3NC8, 5NC8.....	400-350-350-190 (Bias)				
		2X20446	.50		
Models 3NC8, 5NC8.....	2250 (Plate Resistor)				
		2X20447	.40		
Model 3KR8 (AP-736).....	7230 ohms	2X20448	.95		
Model 3KR8 (AP-736).....	1500-197-1970-1370-1228				
		2X20449	1.10		
Model 3-NW-8.....	310-3850-310 (Bias)				
		2X20450	.85		
Model 3-NW-8.....	2200-300-4000-1280				
		2X20451	1.10		
Model 3-NW-8.....	1500-1000-250-130-160				
		2X20452	1.10		
Models 3, 8, 10, 11, 13.....	4920-900-700-90-40-120				
		2X20453	1.10		
Model PR-6.....	4250-4250-3200	2X20454	1.10		
COLONIAL					
Model 28.....	8500-7000	2X20458	.75		
Model 28.....	2200-4000-1000	2X20459	.75		
Model 28.....	50,000-50,000-25,000				
		2X20460	.65		
Model 32 AC.....	100-40	2X20461	.56		
Model 32 AC.....	210-210	2X20462	.56		
Models 32, 33, 34.....	60,000-50,000-11,000 (W.W.)				
		2X20463	1.20		
Models 32, 33, 34.....	60,000-50,000-11,000 (original)				
		2X20464	.45		
Models 32, 33, 34.....	2400-1800	2X20465	.66		
Model 32 DC.....	34.9 ohms	2X20466	.95		
Model 32 DC.....	1.43 ohms	2X20467	.27		
Model 32 DC.....	5.7 ohms	2X20468	.38		
Model 36.....	100,000-65,000	2X20469	.38		
COLUMBIA RADIO					
Model Screen-Grid 8.....	7500-10,000	2X20470	.60		
COLUMBIA (Kolster)					
Models C-1, C-3.....	3000-3000-220-60-840				
		2X20471	.65		
Models C-2, C-4.....	900-120-90	2X20472	.85		
Models C-5, 961 (205).....	7200-60-90-700	2X20473	.75		
Model C-5 (310).....	3400-3800-55-80-140-360				
		2X20474	.75		
Model 930-300.....	2000-140-500	2X20475	.45		
Model C-500.....	2000-135-500	2X20476	.45		
Models 902, 930, 980.....	2100-120-430	2X20477	.75		
Model 920.....	1650-410	2X20478	.75		
Model 931.....	6000-2200-135-700	2X20479	.75		
Model 940.....	2500-45-410	2X20480	1.15		
Model 950.....	9000-3200-140-70-700				
		2X20481	.75		
Model 950.....	30,000-20,000	2X20482	.75		
Model 980.....	6000-55-100	2X20483	.75		
CROSLEY					
Model 704 AC Jewelbox.....	540-55-55	2X20484	.75		
Model 704 AC.....	3475-1525	2X20485	.72		
Models 77, 77-1, 120.....	1750-2000-225-320	2X20486	.95		
CONCORD					
Model 8.....	7000-2400-1500	2X20487	.73		
DAYFAN					
Model 6 Jr. 5524, 5525.....	2000-3000-1300				
		2X20488	.75		
Model 5050 Power Unit.....	1400-3500-5800-7000-180-650				
		2X20489	1.15		
Model 5080 Power Unit.....	1100-100-2000-3300-950				
		2X20490	.95		
EARL					
Models 31, 31S, 32, 32S, 41, 33, 33S.....	4000-0-750				
		2X20491	.35		
EDISON					
Models R-1, R-2, C-2.....	12,500	2X20492	.29		
Models R-4, R-5, C-4.....	10,000	2X20493	.45		
Models R-1, R-2, C-2.....	750-750	2X20494	.65		
All Models.....	8000	2X20495	.29		
ERLA					
Model R-1, "A" Power Units.....	8660-9000-55	2X20496	.95		
FADA					
Models 42, 44, 41, 46, 47.....	800-300-100	2X20497	.70		
FEDERAL					
Models D, E, F, G (Units).....	135-2000-200-350	2X20499	1.05		
Model H (Unit).....	3500-13,000	2X20500	.75		
FREED					
Models 78, 78S, 79, 79S, 90, 90S, 95, 65.....	4000-0-750				
		2X20491	.35		
FREED-EISEMANN					
Model NR-11.....	7.5 ohms	2X20501	.55		
Model NR-11.....	360-90-90	2X20502	.55		
Model NR-11.....	1750 ohms	2X20503	.55		
Models NR-57, NR-60.....	1750 ohms	2X20503	.55		
Models NR-57, NR-60.....	350-2000	2X20504	.65		
Model NR-70.....	1150-2000-350	2X20505	.75		
Model NR-80.....	2000-350	2X20506	.65		
Model NR-485.....	1900-2000-350	2X20507	.75		
FRESHMAN					
Models N-11, N-12.....	2200-6600-3300-4500-1500				
		2X20508	.65		
Model "G".....	2100-3000-4300-1250-300	2X20509	.65		
GENERAL MOTORS					
Model "A" Chassis, 120, 130, 140, 150, and 160.....	1400-3500-5800-7000-180-650-800-59-1863-2000-465-6900-7600-4800				
		2X20510	1.15		
		2X20511	1.20		
		2X20512	1.15		

Name and Model	Resistance	Stock No.	Your Cost
GRAYBAR			
Model 17.....	1690-205-2140-3750-410	2X20444	.55
Model 311.....	1600-1900-440	2X20445	.28
Model 60.....	400-350-350-190 (Bias)	2X20446	.50
Model 60.....	2250 (Plate Resistor)	2X20447	.40
Model 600.....	375-90 (Bias)	2X20513	.40
Model 600.....	4800 (Plate Resistor)	2X20514	.70
GREBE			
Model SK-4.....	677-2200-62	2X20515	.75
Model SX-4.....	7000-10,000-1500	2X20516	1.05
Model AC-6.....	750-2800-5900	2X20517	.75
Model AC-6.....	6300-95-695	2X20518	.70
Model AC-7.....	20,000-6000	2X20519	.70
GULBRANSEN			
Model AC-8.....	3100-9473-11,250-150	2X20520	.95
HAMMERLUND			
Model Hi-Q 30.....	800-2000-1400-3000-2000	2X20521	.75
Model Hi-Q 31.....	2400-2800-1850-3750-850	2X20522	1.05
HOWARD			
Model 135-AC.....	1600-12,000	2X20523	.95
KELLOGG			
Model 523, 528.....	1000-3000-1500-1000-130	2X20537	1.80
KOLSTER			
Models 6J, 6K, 6R.....	3000-3000-220-900	2X20538	.75
Model 6R.....	500-5000-940	2X20539	.75
Models K20, 22, 25, 27.....	90-125-900	2X20540	.60
Model K-24.....	3400-3800-55-80-140-360	2X20541	.75
Model K-38.....	3600-55-75-700	2X20542	.75
Model K-42.....	840-140-2600	2X20543	.75
Model K-43.....	1600-1000-280	2X20544	.75
Models K-44, K-45.....	1450-650-300-350	2X20545	.80
Model K-48.....	1500-2000-100-2000	2X20546	.75
Model K-50.....	1525-2500-280-400	2X20547	.95
Models K-60, K-62.....	4000-1500-1500-200	2X20548	.75
Models K-70, K-72.....	3000-3000-2000-200	2X20549	.75
Models K-90, 92, 80, 82.....	6000-7000-3000-250		
MAJESTIC			
Model 20.....	4000-7000-750-150	2X20550	.75
Model 30.....	2360-3800-3460-0-101-750	2X20551	1.15
Model 130-A.....	4875-5230-3340-7900-154	2X20552	.95
PHILCO			
Models 20, 20-A.....	1400-187-75-0-2470-975	2X20553	.60
Model 65.....	2000-700	2X20554	.49
Models 76, 77, 77-A.....	800-250	2X20555	.65
Models 76, 77, 77-A.....	2000-1500-1400	2X20556	.65
Model 87.....	3785-157-0-640	2X20557	.75
PEERLESS			
Courier Model 22.....	100,000-50,000-50,000-25,000	2X20558	.60
RCA-RADIOLA			
Models 17, 50.....	1690-205-2140-3750-410	2X20444	.55
Models 18, 33, 51.....	1690-1900-440	2X20445	.28
Model 30-A.....	3000-2000-300-500-900	2X20559	.95
Model 41 (Receptor).....	12,300-8000-5000	2X20560	.90
Model 41 (Sterling).....	17,400-8600	2X20561	.85
Model 41 (Sterling).....	4200-380-1420	2X20562	.80
Model 44.....	2800-900-3600-1100 (No. 1)	2X20563	.95
Model 44.....	500-0-1460-540-0-80 (No. 2)	2X20564	.95
Models 46, 47.....	2800-900-3600-1100 (No. 1)	2X20563	.95
Models 46, 47.....	1460-540-0-80 (No. 2)	2X20565	.95
Models 60, 62.....	400-350-350-190 (Bias)	2X20446	.50
Models 60, 62.....	2250 (Plate Resistor)	2X20447	.40
Model 64.....	1280-4000-300-2200	2X20566	1.10
Model 64.....	1500-1000-250-130-160	2X20567	1.00
Models 64, 67.....	310-3850-310 (Bias)	2X20568	.80
Model 66.....	375-90 (Bias)	2X20513	.40
Model 66.....	4800 ohms (Plate Resistor)	2X20514	.70
Model 67.....	2400-960-240-115-215-100	2X20569	1.25
Model 67.....	1435-3400-300-2200	2X20570	1.10
105 Loudspeaker.....	1325-65-140-1446 (No. 1)	2X20571	1.25
105 Loudspeaker.....	1050-1300-1325 (No. 2)	2X20572	1.25
105 Loudspeaker.....	4000 ohms (Nos. 3 and 4)	2X20573	1.10

Name and Model	Resistance	Stock No.	Your Cost
SILVER-MARSHALL			
Model 651.....	3800-4200-730-990	2X20574	1.05
Model 651.....	6200-1000	2X20575	1.70
Model 655.....	11,350 ohms divider	2X20576	.95
Model 659.....	10,300 ohms divider	2X20577	.95
Model 660.....	6000-4000-1500	2X20578	.85
Models 672, 669.....	3000-0-1250-1250	2X20579	.70
SPARTON			
Model AC-7, 62, 63.....	2200-70	2X20580	.55
Model 110.....	20,000-2000-7000	2X20581	.95
Model 110 DeLuxe.....	7000	2X20582	.55
Model 110 DeLuxe.....	900	2X20583	.27
Model Sparks Ensemble.....	3000	2X20584	.56
SAMSON "PAM"			
Pam Model 25.....	30,000-800	2X20585	.75
Pam Model 25.....	50,000	2X20586	.75
Pam Model 210.....	1540-19,300	2X20587	.80
Pam Model 210.....	1560-775-11,000	2X20588	.80
Model PABC 2.....	740-90-80	2X20589	.60
Model PABC 2.....	1500-2000-500	2X20590	.75
Model PABC 3.....	460-60-50	2X20591	.60
Model PABC 4.....	1750-1100	2X20592	.75
Model PABC 5.....	5000-1100-1100	2X20593	.80
Model DeLuxe.....	45-45-310-30	2X20594	.75
SONORA			
Models B-30, B-31.....	800-1000-1200-4000	2X20595	.65
Model 880.....	2500-5500-4500-		
Model 885.....	150-650	2X20596	1.05
Model 885.....	5000-150-700	2X20597	.75
Model 885.....	2900-5000	2X20598	.75
Model C-885.....	2500-3000-3000-675	2X20599	.60
SPLITDORF			
Model "Abbey".....	12,500	2X20492	.29
Model "Abbey".....	10,000	2X20493	.45
Model "Abbey".....	8000	2X20495	.29
STEINITE			
Model 22.....	1700-4000-8000	2X20600	.75
Model 26.....	8000-8000	2X20601	.65
Model 40.....	3000-11,740-4270-1190	2X20602	.95
Model 50.....	8100-11,750-5200-827	2X20603	.95
Models 70, 80, 95.....	10,000-10,000-2440	2X20604	.50
Model 991.....	1000-1000-250-0-250	2X20605	.75
STROMBERG-CARLSON			
Models 10, 11.....	4000-100-780	2X20607	.75
Models 10, 11.....	4760-3200-1900	2X20608	.85
Models 12, 14.....	4000-4000-3025	2X20609	.95
Models 12, 14.....	5000-100-1210-260	2X20610	.85
Model 403-B.....	27-6	2X20611	.75
Model 403-B.....	3000-2500	2X20612	.75
Model 403-B.....	3000-70-700	2X20613	.75
Models 635, 636.....	2500-3000-3000-770	2X20614	.90
Model 638.....	2500-6000-500	2X20615	.95
Models 846, 848.....	6000-3200	2X20616	.75
Models 846, 848.....	4350-1700-330	2X20617	.75
Models 846, 848.....	725 ohms	2X20618	.35
Models 403, 403-A.....	2500-2000-3000-70-770	2X20614	.90
Models 641, 642, 652, 654.....	1450-4000-3000-1300	2X20619	.85
Models 641, 642, 652, 654.....	7800-3200	2X20620	.75
Models 641, 642, 652, 654.....	170 ohms	2X20621	.25
Models 641, 642, 652, 654.....	7800-4500-3000-4000	2X20622	.95
Early Models of Models 10, 11.....	4760-3200-5900-100-780	2X20623	.95
Early Models of Models 10, 11.....	4760-3200	2X20624	.75
Early Models of Models 10, 11.....	5900-100-780	2X20625	.75
Early Models of Models 10, 11.....	1100-2000	2X20626	.70
Early Models of Models 10, 11.....	3000-3000	2X20627	.70
TEMPLE			
D. C. Model.....	11-22	2X20628	.60
Models 7-60, 7-80.....	8000-1600-8000-4000	2X20629	.75
Models 8-60, 80-90.....	900-5200-750	2X20630	.60
THORDARSON			
R-171 Power Unit.....	2000-3000-3000-3000-2000	2X20631	.75
VICTOR			
Models 7-11, 7-25, 7-26.....	1690-205-2140-3750-410	2X20444	.55
Models 9-18, 9-54.....	1280-4000-300-2200	2X20566	1.10
Models 9-18, 9-54.....	1500-1000-250-130-160	2X20567	1.00
Models 9-18, 9-54.....	310-3850-310 (Bias)	2X20568	.80
Models R-32, RE-45, R-52, RE-75.....	2000-1350-200-775	2X20632	.85
ZENITH			
Models ZE-10, ZE-12, ZE-13, ZE-15, ZE-16 Power Units.....	6000-7800-8000-2500	2X20635	.75
Model ZE-18 Power Unit.....	13,000-11,000-9500-1800	2X20636	.95
Model ZE-11 Power Unit.....	3200-1200-1200-1600	2X20637	.75
Models ZE-50, ZE-60, ZE-70 Series Power Units.....	2800-2350-850	2X20638	.95

Here you are, Servicemen—the most accurate and comprehensive listing of replacement Volume Controls ever presented by any Dealers' Supply House. This list has been compiled for us by Electrad for your convenience in purchasing your replacement units. Its contents have been checked and re-checked to insure its accuracy; it is a list that you can depend on absolutely. Order from it and enjoy the assurance that you are getting exactly the proper unit for the job. Just another example of "Wholesale's" leadership and progressiveness!

ELECTRAD

VOLUME CONTROLS



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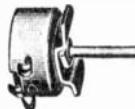
Electrad Volume Controls are made by one of America's oldest manufacturers of Radio Resistances — the knowledge and skill that naturally accrues to such long experience is reflected in these units. They are a great convenience in service work. They accurate smooth operating and compact in size. They have extra long shafts to meet any mounting condition. Not only do they appeal strongly to the Serviceman because of their accuracy and general good quality but also because of their very moderate selling price. We recommend them unconditionally to our customers and guarantee them to give satisfaction.

Manufacturer	Stock No.	Your Cost	Manufacturer	Stock No.	Your Cost	Manufacturer	Stock No.	Your Cost
A. C. Dayton Co.			Brunswick, Blake, Collender Company			General Motors Radio Corporation		
XL5, XL10, XL20, XL25	2G7905	.55	B-17, P.R. 17-8	2G7936	.82	Day Fan Nos. 527, 504, OEM7, OEM11	2G7943	.82
XL30, XL50, XL60, XL61, XL70	2G7903	.55	2KR, 5KR, 2KRO, 5KRO, 3KR8, 5KR6	2G7937	.82	Six Junior, 6-61, 6, 6B, 5050, 35	2G7905	.55
AC63, AC65, AC66	2G7904	.55	3NC8, 3NW8, 5NC8	2G7938	.82	Day Fan Nos. RAC	2G7902	.55
Navigator	2G7973	1.32	17, 24, 25, 4PA, 4A	2G7904	.55	Day Fan Nos. 5003, 5091, 5077, 5080	2G7902	.55
All American Mohawk Co.			S14, S21, S31, S81, S82	2G7971	.96	252, 253, 254, 255, 256, 257, 258, 251, S2A, S2B	2G7902	.55
S-6, S-7, S-8	2G7912	.55	10	2G7920	.55	216, 217, 219, 251	2G7902	.55
Model 90, Model "J," Model "J" with Pentode	2G7902	.55	R-11, 12, 16, 33	2G7931	.82	Models 216, 217, 219, 250	2G7912	.55
5 Tube Battery Set	2G7903	.55	14, 21, 31	2G7903	.55	Gillfillan Bros.		
6 Tube, 1 Dial Battery Set	2G7904	.55	Models S14, S21, S31, S81, S82	2G7997	1.37	10	2G7902	.55
AC-226, 227, 60, 61, 62, 65, 66	2G7954	.69	Colonial Radio Corporation			60	2G7902	.55
80, 83, 84, 86, 88	2G7902	.55	16-6, 16-5, 17-5, 20-21	2G7905	.55	33	2G7902	.55
Lyric "J," "H," 96, 90, C6	2G7902	.55	47, 48	2G7912	.55	101	2G7902	.55
H, Lyric Model D, A	2G7902	.55	44, 50	2G7902	.55	Model 105, 106	2G7902	.55
6 Tube Electric Set	2G7904	.55	Columbia Radio Corporation			Graybar Electric Company		
Mohawk	2G7904	.55	SG-8	2G7902	.55	311	2G7937	.82
Lyric "K"	2G7904	.55	Crosley Radio Corporation			601	2G7969	.82
American Bosch Magneto Co.			XJ, 3R3, 4, 29, 6-60, 6-85, RFL90, 401, 401A	2G7905	.55	700, 770, 900	2G7943	.82
Model 5, Model 20 Super Het.	2G7902	.55	20, 21, 22	2G7903	.55	Grebe & Company, A. H.		
46DC, 27 Ambrola, 16 Ambrola, 35 Crusers, 57, 66, 76, 76L, 46DC	2G7905	.55	602, 608, 609, 1 1/2 inch Shaft	2G7972	.69	AC6, AC7, 428	2G7902	.55
96 DC-96, 146, 166, 176, 46AC, 126, 107, 116	2G7904	.55	8/4 (Short Shaft)	2G7959	.69	AH1	2G7918	.55
Models 28 and 29	2G7955	.95	Buddy, Chum	2G7916	.55	SK-4AC	2G7910	.55
Model S-A	2G7910	.55	30S, 31S, 33S, 34S	2G7913	.55	HS-4	2G7902	.55
60, 61, C, 58, 44	2G7904	.55	AC-7	2G7923	.55	HS-4 Models 1, 2, 3, 4	2G7903	.55
60, 61	2G7903	.55	82S, 40S, 41S, 42S, 45S	2G7966	.69	SK4DC	2G7911	.55
80, 84	2G7903	.55	Early 40-S	2G7967	.69	Grigsby-Grunow Company		
Model 73, 74	2G7902	.55	77, 84	2G7902	.55	70, 70B	2G7902	.55
Amrad Corporation			120	2G7902	.55	180, 90, 91, 92, 100B	2G7903	.55
S-522, DC6, DC6-C, DC7, DC7-C, S733, S733-C, 80	2G7905	.55	53, 54, 57, 58	2G7929	.69	Models 15, 150 Chassis	2G7914	.55
82-83, 7100 70	2G7902	.55	55, 56	2G7903	.55	Model 60 Chassis	2G8001	.95
AC-6, AC-6-C	2G7904	.55	92, 28, 121, 121-1, Series B	2G7904	.55	Model 130 Chassis	2G8002	1.25
AC-7, AC-7-C	2G7902	.55	122	2G7920	.55	Model 130 Chassis	2G8003	.68
81	2G7906	.55	125, 124	2G7912	.55	Model 25 Chassis	2G8004	.68
84	2G7904	.55	610 (Female Shaft)	2G7968	.82	Model 25 Chassis	2G8006	1.25
Andrea, F.A.D.			706 (Long Shaft)	7G7928	.82	Model 90, 90B, 100, 100H (Equalizer)	2G8007	.80
41, 42, 44, 46, 47	2G7907	.55	704 (Short Shaft)	7G7929	.69	Gulbransen Company		
Model 45 (KTC)	2G7920	.55	26	7G7914	.55	Early Nine in line	2G7902	.55
Model 48, 49 (KW)	2G7920	.55	Models 704, 704B, 705, 706DC, 706AC	2G7998	.95	7 Tube Champion Jr.	2G7902	.55
Model 51, 52, 57 (KOC)	2G7905	.55	Edison Corporation, Thomas A.			724	2G7902	.55
SF-50, 80, 408B, 160, 192A, 192S, SF-501, 80A, 192B3, 460A, 480A, 22	2G7905	.55	SC, CI, RI, R2, C2	2G7964	.69	Hammarlund Roberts Incorporated		
625, 192A spec. 475A, SF45, 75	2G7905	.55	R-6, R-7	2G7904	.55	Hi-Q, 5 tube & 6 tube	2G7905	.55
472UA, CA, SF, 45/75, 4572, 10, 11, 31, 102, 112	2G7953	.69	Splittord, 6 tube	2G7905	.55	Hi-Q 29 Jr. and A.C.	2G7902	.55
262, 265UA, CA, RP65UA, RP62, UACA, FAC, 475	2G7952	.69	Abbey	2G7903	.69	Hi-Q 29 Master, Hi-Q 30 A.C.	2G7906	.55
30Z, 31Z, 50, 70, 71, 72	2G7953	.69	R-200	2G7964	.69	Hi-Q 31 AC	2G7912	.55
16, 17, 32, 16Z, 32Z, 18 D.C.	2G7902	.55	E-175	2G7969	.80	Howard Radio Company		
20, 20Z, 25, 25Z, 15M, 15MZ	2G7927	.55	Models R1, R2, R3 (Front)	2G7989	.80	Type O	2G7902	.55
35, 35Z	2G7910	.55	Electrical Research Laboratories			AVH	2G7904	.55
41, 42, 44, 46, 47	2G7907	.55	R-1	2G7904	.55	7 Battery	2G7905	.55
50, 70, 71, 72	2G7953	.69	224 AC	2G7906	.55	Green Diamond 8	2G7955	.55
75, 77	2G7921	.69	245 Super	2G7903	.55	Hi Super Hetrodyne	2G7902	.55
Atwater-Kent			335	2G7911	.55	Midgag SGB	2G7902	.55
43, 44, F, P, L1, L2	2G7988	.82	250	2G7912	.55	Kellag Switchboard		
55, 55C, 60, 60C, 61, 61C, 66	2G7920	.55	Emerson Radio & Phonograph			6 Wave Master	2G7905	.55
Models 37, 38, 40, 42, 44, 52 (Resistance Strip)	2G7992	.41	F, 100-A	2G7950	.95	5 Tube B., & 7 Tube A.	2G7903	.55
Models 55, 60, 66 (Strip)	2G7993	.41	Series 65	2G7917	.55	425, 426	2G7902	.55
Model 82	2G7994	1.10	Eveready (National Carbon)			533, 534, 535, 536	2G7903	.55
Audioola Radio Company			Federal Radio Corporation			Kennedy Corporation, Colin B.		
8T-Super Pentode, 9-T Super Pentode	2G7902	.55	B, C, D, 59, 102, A-10	2G7905	.55	5, 6, 7, 15, 16, 20, 30, 220, 281	2G7905	.55
6 Tube, 5 Tube, 527, 627, 6T, 8T	2G7905	.55	Series Fil. D	2G7903	.55	10	2G7903	.55
30B, 7330	2G7910	.55	G-10-60, G-40-60, G-41-60, K10-60, K40-60, K41-60, M35-60, M40-60	2G7904	.55	80	2G7904	.55
889	2G7903	.55	M41-60, M45-60, M46-60	2G7904	.55	20, Short Wave Unit for R26	2G7906	.55
31, 31 Super	2G7917	.55	Type H, L	2G7904	.55	30, 32	2G7906	.55
4T, 31, RF	2G7902	.55	Freshman			42	2G7902	.55
6T, 31, Pent. Junior	2G7912	.55	Masterpiece, Equaphase	2G7905	.55	Models 52, 52A	2G8008	1.25
6T Junior No. 1, No. 2	2G7902	.55	G-Q-15, Q-16	2G7902	.55	Models 56	2G8009	1.25
13-T-5	2G7902	.55	H, K, L, L.S.	2G7904	.55	Model 62	2G8010	.68
10-T Super	2G7902	.55	2H, M, 2N	2G7902	.55	King Manufacturing Corporation		
7-T Super-Pent	2G7912	.55	Earl Radio Corp.			E, F, G, 62, 71, 80, 81, 25, 71	2G7905	.55
9-T-45 Super	2G7902	.55	31, 32, 41	2G7903	.55	H, J	2G7902	.55
3 Type 60C	2G7902	.55	21DC, 22DC, 24DC, 31DC, 32, SDC, 21AC, 22AC	2G7908	.55	97, 98, 101	2G7902	.55
Bremer-Tully Manufacturing Company			Fred-Eiseman Radio Corporation			82	2G7902	.55
6	2G7903	.55	NR7, 8, 9, 10, 12, 20, 40, FE15, 18, NR800, 77	2G7905	.55	218	2G7902	.55
6-40	2G7904	.55	NR-60, 57, 70	2G7902	.55	Kolster Radio Corporation		
7-70, 7-71	2G7902	.55	NR-78, 79, 95	2G7903	.55	22, 25, 27, 37, 6J, 6K, 6R, 8A	2G7905	.55
8-20, 8-21	2G7902	.55	NR55, AC & DC	2G7904	.55	K-20, 22, 25, 27, 37, 21, 23	2G7902	.55
Counterphase 8	2G7904	.55	NR30DC, AC	2G7902	.55	K-42	2G7902	.55
S1-82, 14, 21, 31	2G7903	.55	General Electric Co.			K45	2G7906	.55
S-81, S-82	2G7910	.55	H-71, H31, H31	2G7919	.55	B-10, 15, 16	2G7902	.55
81, 82	2G7913	.55	K-32	2G7926	.55	980, 205, C1, C2, C4, C5, C6, C7	2G7904	.55
Browning Drake Corporation			T-12	2G7933	.69	K-60, K-62	2G7905	.55
34, 36, 38	2G7902	.55	K-62	2G7934	.69	K-70, K-72, K-80, K-82, K-90, K-92	2G7902	.55
69	2G7924	.55	Garod Radio Company			Montgomery Ward & Company		
70, 71	2G7924	.55	EA	2G7904	.55	2822, 2895, 2897, 2827	2G7903	.55

Manufacturer	Stock No.	Your Cost
Montgomery Ward and Company—Continued		
62, 1040	2G7923	.55
Cavalier, Commander	2G7902	.55
181, 187	2G7920	.55
National Company Inc.		
MB29	2G7924	.55
MB30, Auto Receiver	2G7906	.55
Operadio Corporation		
7	2G7909	.55
1926	2G7905	.55
Osarka Incorporated		
90	2G7902	.55
91	2G7911	.55
92-A.C.	2G7924	.55
89-A.C.	2G7902	.55
Philadelphia Storage Battery Company		
82, 5, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581	2G7962	.55
Transitone 95, 96, 96-A, 30, 211, 211A	2G7904	.55
76	2G7915	.55
112, 112A, 212, 212A	2G7904	.55
111, 111A	2G7904	.55
Pierce Airo Inc.		
AC-14, 45	2G7902	.55
534-5, AC 547	2G7902	.55
447, M	2G7903	.55
AC-646-7	2G7902	.55
724	2G7902	.55
AC-734-5	2G7903	.55
AC-736-7M	2G7902	.55
R. C. A. Victor Co.		
Radio 14	2G7936	.93
Radio 17, 50, 41, 7-25, 7-54	2G7936	.82
Radio 18, 33, 51, 7-11, 7-26	2G7937	.82
Radio 44, 46, 47	2G7938	.82
Radio 60, 62	2G7939	.82
Radio 64, 67, 9-18, 9-54	2G7940	.82
Radio 64, Sensitivity Control	2G7941	.82
Radio 66	2G7942	.82
Radio 80, 82, 86, 35, 39, 51	2G7943	.82
Radio R 5, RSX	2G7933	.69
Radio Superette, R7A	2G7944	.82
Radio R 11	2G7934	.69
Model 46 D.C.	2G8013	.68
Models RAE 59, RAE 79, R-30, R-55, P.E.28	2G8014	.68
Silver-Marshall		
37, 38, 39, 782, 770	2G7903	.55
Model "A," Model "F," "D," "E"	2G7911	.55
Model 36A	2G7910	.55
620, 630, 635, 644	2G7905	.55
SC-2	2G7916	.55
710-740	2G7910	.55
712	2G7924	.55
722, 30, 51B, 60B, 75B-90B	2G7924	.55
724, 36A	2G7910	.55
Beatrice Milget	2G7912	.55
736	2G7911	.55
SMDI Super	2G7912	.55
37, 38, 39	2G7902	.55
716, "J," "C"	2G7919	.55
Model "B"	2G7924	.55
Sonora Phonograph Company		
3R, 4R, 2RP, 25	2G7909	.55
H 31	2G7905	.55
Sparks-Withington		
5, 9, 26, 5-15, 39, 6-26, 6-15	2G7905	.55
40	2G7940	1.10
10	2G7943	1.10
15	2G7947	1.10
25, 26	2G7946	1.10
110AC, 301, 111A, 101, 103, 109, 589, 601, 610, 620, 930, 931, 79A, 89A, 69, 737, 574, 870, 591, 594, 564, 570, 740, 750	2G7930	.69
Steinitz		
40, 50, 102, 40C, 60C, 102C	2G7903	.55
70, 80, 95	2G7912	.55
261, 262	2G7902	.55
991, 992, 993	2G7903	.55
Models 412, 420 (15 Chassis)	2G7903	.55
Models 210, 230, 420, 450 (17 Chassis)	2G7903	.55
Models 421, 425 (Model 21 Chassis)	2G7902	.55
Models 203, 630, 605, 630, 642, 693 (Model 22 Chassis)	2G7902	.55
Model 423 (Model 23 Chassis)	2G7919	.55
Models 700, 705, 706, 725, 642-B (Model 26 Chassis)	2G7919	.55
Models 700, 701 (Model 28 Chassis)	2G7919	.55
Stewart-Warner Corp.		
309, 305, 310, 315, 320, 325, 340, 345, 350, 355, 360, 385, 390, 500, 520, 525, 900-811	2G7905	.55
950, A.C., R100A, R101B, R101E	2G7903	.55
Models 102A, B, E, R101A, R101B	2G7925	.55
Models 950, A.C., R100X, R100B, R100E	2G7902	.55
2G8015	.68	
Stromberg Carlson Telephone Manufacturing Co.		
1A 1B, 501, 502, 601, 602, 633, 634, 523, 524	2G7005	.88
635, 636, 638 (Short Shaft)	2G7901	.69
(Double Shaft)	2G7961	.69
846, 848 (Double Shaft)	2G7965	.69
(Long Shaft)	2G7900	.69
641, 642, 652, 654 (Long Shaft)	2G7900	.69
(Double Shaft)	2G7960	.69
10, 11, 12, 14	2G7918	.55
19, 39	2G7918	.55
25, 36, 14, 27	2G7908	.55
25, 36	2G7918	.55
638DC (Short Shaft)	2G7932	.69

Manufacturer	Stock No.	Your Cost
Transformer Corporation of America		
Clarion 51, 53, 55	2G7906	.55
Models 61, 70	2G7902	.55
Clarion 80	2G7903	.55
Clarion 90	2G7916	.55
Model 40	2G7911	.55
Junior 60, 25, 60	2G7906	.55
Model 94	2G7918	.55
Model 83	2G7903	.55
Model 92	2G7916	.55
United Air Cleaner Corporation		
106B, 440, 10B, 666C, 666	2G7902	.55
Series 20	2G7904	.55
Series K-70	2G7920	.55
Courier 65	2G7917	.55
104	2G7902	.55
110, 108-A, 108B	2G7912	.55
7 Tube Super	2G7923	.55
Sentinel 114	2G7904	.55
99	2G7912	.55
U. S. Radio and Television Corporation		
Case 80, Apex, 36, 37	2G7902	.55
Apex 31, 32	2G7912	.55
Gloriatone Late 27, 26, 29, 32, Apex 49, Batt. Gloriatone 20	2G7912	.55
Apex 50, 60	2G7902	.55
Model 90	2G7902	.55
Model 99	2G7902	.55
Gloriatone Early 27	2G7918	.55
Gloriatone 28	2G7918	.55
No. 8 Series Super Hetrodyne	2G7907	.55
No. 10 Series Super Hetrodyne	2G7907	.55
No. 26, Late 27	2G7912	.55
No. 28, 29, 32	2G7916	.55
7 Series, Pentode	2G7904	.55
United Reproducers		
Series 20, Peerless	2G7904	.55
Series K-70	2G7920	.55
Courier 65	2G7917	.55
Wells-Gardner & Company		
C. G.	2G7909	.55
Arcadia 72	2G7902	.55
Model 80A	2G7902	.55
Series Ten Super	2G7903	.55
Westinghouse Electric & Manufacturing Co.		
WR-5, WR-6, WR-7, WR-8	2G7943	.82
WR-10, WR-10A	2G7944	.82
WR-14	2G7933	.69
WR-15	2G7934	.69
Wholesale Radio Service, Inc. (LAFAYETTE)		
Pre-Selector A.C. 524	2G7902	.55
Duo Symphonic 1930	2G7902	.55
Duo Symphonic Junior, 1931	2G7902	.55
Series 16, Super 7	2G7902	.55
Series 20, Super 10	2G7904	.55
Mighty Atom	2G7902	.55
Wilcox Laboratories		
Model Six	2G7923	.55
Zenith Radio Corporation		
14, 15, 16, 17, 27, 59	2G7903	.55
33, 34, 35, 35A, 342, 352, 352A, 362, 313, 353	2G7903	.55
34-P, 342P, 40A, 41, 43, 422	2G7903	.55
35PX, 35APX, 352PX, 352APX, 37A, 55	2G7903	.55
52, 53, 54, 60, 61, 62, 64, 67	2G7945	.90
602, 613, 622, 612, 672	2G7908	.55
5 Tube Zenette	2G7902	.55
5 Tube Zenette with Pentode	2G7912	.55
6 Tube Zenette	2G7908	.55
Hyper-Merton, 82, 89, 822, 892, 10, 11, 12, 102, 112, 192	2G7906	.55
TANDEM CONTROLS		
Atwater Kent		
Model H	2G8016	1.95
All American Mohawk Co.		
B-7	2G7989	2.20
Colonial Radio Company		
32 A. C.	2G7978	1.37
Earl Radio		
Models 21, 22, A.C.	2G8017	1.38
Electrical Research Laboratories		
271	2G7982	1.65
Jesse French & Sons		
Midget	2G7981	1.65
Colin B. Kennedy		
26	2G7989	2.20
Grigsby Grunow (Majestic)		
Model 30 Chassis	2G8018	1.65
Model 103 Chassis	2G8019	1.38
Model 50 Chassis	2G8020	1.38
General Motors Radio Corp.		
Model A Chassis, Models 120, 130, 140, 150 and 160	2G8021	2.20
National Carbon Co.		
30, 40, 50	2G7990	2.20
Philadelphia Storage Battery Co.		
20, 20-A	2G7980	1.37
R. C. A. Victor Co.		
R-32, RE45, RE52, RE75	2G7979	1.37
R-15, 48, 92	2G7981	2.20
R-14	2G7985	2.20
RE-35, RE-39, 57	2G7986	2.20
Sparks Withington		
410, 420 (Junior, Jewell)	2G7983	1.65
Stewart-Warner		
Models 950, 980, Battery—950, 970, R100C	2G8022	1.38
Sterling	2G7984	1.65
Temole Corporation		
8-61, 8-81, 9-91	2G7977	1.37
Westinghouse Elec. & Mfg. Co.		
WR-4	2G7991	2.20
Zenith Radio Corp.		
70	2G7976	1.65

SPECIAL VOLUME CONTROLS RCA-RADIOLA



The only complete and accurate line of replacement volume controls made expressly for the RCA-Radiola series of Receivers. The resistance in ohms, taper, length and size of shaft, and special mounting have been designed and built from the original RCA parts. This is the only list of controls that are accurately made for these receivers. Refer to complete listing for the correct type of control for your needs.

ORIGINAL ZENITH VOLUME CONTROLS

The original Dual Volume Control used in Zenith Receivers.



Dual type with A.C. switch used in Models 52, 53, 522, 532, 54, 542, 55, 57, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672, 71, 72, 73, 77, 712, 722, 732, 777. Zenith Part No. 63-122.

Your Cost, **\$1.48**

Single Unit, with switch, used in Models 52, 53, 522, 532, 54, 542, 55, 57, 62, 64, 67, 60 and 61. Zenith Part No. 63-93. **\$1.23**

Your Cost

CROSLEY REPLACEMENTS



A complete and accurate line of replacement volume controls for the Crosley receivers. Made with special shaft like the original parts. All guaranteed to fit the chassis exactly. Refer to complete listing for the correct control.

FADA "SPECIALS"

Made expressly for use in Fada receivers. All shaft lengths have been adhered to. Refer to list for correct control.



STROMBERG-CARLSON

GUARANTEED REPLACEMENTS



Refer to list for complete line of Stromberg-Carlson Guaranteed replacement volume controls. Noiseless, perfect contact, guaranteed to out-perform the originals.



GENUINE RADIOLA CONTROLS

RCA Model 16

Part No. 5666, Filament Rheostat. **2F6775—Your Cost 35¢**

Models 44-46-47

Part No. 6045, 2900 ohms Volume Control. Special slotted shaft. **2F6776—Your Cost 65¢**

Models 60 and 62

Part No. 5811, 450 ohms, Volume Control. **2F6777—Your Cost 75¢**

Model 66

Part No. 6027, 550 ohms, Volume Control. **2F6778—Your Cost 75¢**

Model 64

Part No. 2334, 2,750 ohms, Sensitivity Control. **2F6779—Your Cost 75¢**

Part No. 2336, 1,250 ohms, Volume Control. **2F6780—Your Cost 75¢**

RCA Models 20-25-28

Part No. 574, 6 ohm Filament tubular resistor for battery operated sets. **2F6781—Your Cost 15¢**

Part No. 1424, 60 ohm Volume Control, tubular. **2F6782—Your Cost 15¢**

RCA Models 25-28-30 A.C.

Part No. 905, 100 ohm Filament tubular resistor. **2F6783—Your Cost 20¢**

Part No. 908, 375 ohm Volume Control. **2F6784—Your Cost 20¢**

RCA Models 30-A and 32 A.C.

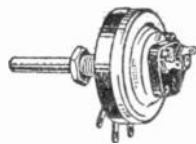
Part No. 905, 100 ohm Filament Resistor. **2F6783—Your Cost 20¢**

Part No. 1963, 250 ohm Volume Control. **2F6785—Your Cost 20¢**



Centralab

CENTRAL RADIO LABORATORIES



DUAL CONTROL

The revised listing of Centralab volume controls that the serviceman has been waiting for. This list consists of "Specials" that are manufactured and built for the particular set that it is intended for, no changes necessary to

install these units. You may order by our stock number; or specify the Centralab number if you wish. A complete line of Centralab volume controls and by-products carried in stock.

Name and Model	Stock No.	Your Cost
AMERICAN BOSCH CORP.		
107, 116, 46, 126, 136		
146, 166, 176, 96 DC,		
96 AC	2H8839	1.00
80-Auto Receiver		
"Special"	2H8832	1.50
48 and 49 "Special"	2H8895	2.00
54, 56	2H8913	1.50
58, 62 "Special"	2H8888	1.50
54 D.C.	2H8910	2.00
5A, 5B, 7A, 73, 133	2H8961	1.00
60, 61, 64 "Special"	2H8937	1.50
20, 31, 32	2H8871	1.00
73, 74	2H8803	1.00

ANDREA, INC., F. A. D.		
7, 480A, SF50, 80-A,		
CA-475	2H8839	1.00
30, 30Z, 31, 31Z, 10,		
10Z, 11, 11Z, D. E.		
Special Long Shaft	2H8831	1.50
50, 70, 71, 72, 51		
Long Shaft	2H8837	1.50
16, 16Z, 17, 32, 32Z,		
18DC Special Shaft	2H8848	1.50
35C, 35B, 40AC, Original		
Control	2H8898	2.00
25, 25Z, 15M, 15MZ,		
Special Shaft	2H8932	1.50
20, 20Z, Special Shaft	2H8962	1.50
75, 77, 35, 35Z, Special		
Shaft	2H8889	1.50
43, 76Z, KF, KG	2H8915	1.50
122-KE	2H8869	1.00
KA-41, 42, 44, 46, 47,		
81, 84, 86DC	2H8874	1.00
KW-48, 49, Sw. Type	2H8809	1.00
K. U. 45, 51, 53, 57,		
Sw. Type	2H8817	1.00

ATWATER KENT MFG. CO.		
33 Series Filament, 84,	2H8863	1.00
61, 61C, 72, 66, H1,		
H2 "Special"	2H8723	2.00
67, 67C, Batt. Set 222		
tubes, 82Q "Special"	2H8862	1.00
"D" Series	2H8846	1.75
"F" Series, L-2, P or		
75 Q-2 Series, "Special"	2H8902	2.00
L-1	2H8912	1.50
82D, 84D, 89, 84Q		
Batt., 89, 89F	2H8808	1.00

BREMER-TULLY MFG. CO.		
8, 6, 40	2H8863	1.00
7-70 7-71 "Special"	2H8890	1.50
820-A, 821-A	2H8805	1.00
81, 82, 14, 21, 31, 81A	2H8794	1.00
8-20A	2H8790	1.00
85, 36	2H8812	1.00
S-81, S-82	2H8866	1.00
7-A, 7-B, W.81	2H8839	1.00

BROWNING-DRAKE CORP.		
34, 36, 38, 69	2H8858	1.00
MB-30	2H8861	1.00
54	2H8803	1.00
70 and 71	2H8863	1.00

BRUNSWICK-BALKE-COLLENDER CO.		
S14, S21, S31, S81, S82	2H8811	1.00
14, 21, 31	2H8794	1.00
S-32 Cavac	2H8804	1.00
10 Midget "Special"	2H8796	1.50
11, 12, 16, 33	2H8793	1.00
11, 12, 16	2H8744	1.00
D	2H8863	1.00

COLONIAL RADIO CORP.		
31DC	2H8758	1.00
SG-32AC, 33AC "Special"		
	2H8719	2.00
40, 43, 44, 47, 47E, 48,		
48E, 50 "Special"	2H8740	1.00
44, 47, 48, 50	2H8961	1.00

COLUMBIA RADIO CORP.		
Screen Grid 8 "Special"	2H8934	1.50
961 902-C-11	2H8860	1.00
C-1 C-2 C-3, C-4,		
K-24, 980, C-5, C-6,		
C-7 SG-5 SG-7	2H8839	1.00
SG-9 AC-950	2H8858	1.00

Name and Model	Stock No.	Your Cost
CROSLLEY RADIO CORP.		
60-S, 61-S, 62-S, 74,	2H8861	1.00
61, 602 Bandbox, 608		
Gembbox, 610, 609 Gemb-		
box, and Gemchest,		
704 Jewel Box, 704-A		
Jewel Box, 704-B Jewel		
Box, 705 Showbox, 706		
Showbox, "Special"	2H8785	1.00
AC-7, AC-7C	2H8876	1.00
40S, 41S, 42S, 82S,		
71-A, 40-A "Special"	2H8847	1.75
"Buddy and Chum"	2H8876	1.00
60S, 61S, 62S	2H8852	1.50
21, 22, Batt.	2H8840	1.00
28, 30-S, 31-S, 33-S,		
34-S "Special"	2H8851	1.50
53, 54, 57 (New Buddy)	2H8860	1.00
77, 76DC, 400, 410, 420,	2H8865	1.00
91, 92 "Roamio" auto,	2H8862	1.00
Midget 48	2H8931	1.00
Johnny Smoker, Super		
Buddy 122	2H8859	1.00
126, 55, Long Shaft,		
"Special"	2H8855	1.50
52, 26, Long Shaft,		
"Special"	2H8853	1.50
40S, 41S, 42S, 82S,		
(Late Models) "Special"	2H8896	2.00
55, Short Shaft	2H8862	1.00
56, Short Shaft	2H8861	1.00
75, 76DC, 77, Special	2H8854	1.50
77-1	2H8931	1.00
120	2H8861	1.00
58	2H8931	1.00
84	2H8863	1.00
124, 125 Midget Super		
Sw. Type	2H8813	1.00
60S, 61S, 62S	2H8852	1.50

EARL RADIO CORP.		
21DC, 24, 31, 33DC	2H8864	1.00
21 and 22 AC	2H8718	1.50
315, 371, 31-S, 32-S, 33,	2H8912	1.50
271	2H8926	1.50
31 and 32 AC, 41	2H8840	1.00

EDISON, INC., THOMAS A. & SPLITDORF		
P.A.D. No. 4, P.A.D.		
41, C-1, C2, C3, R1, R2,	2H8724	1.50
R-200	2H8840	1.00
M5, R11, M-6, Special	2H8701	1.50
Controls, One of each		
R4, R5 and C4, R6,		
R7, Later Model	2H8897	2.00
C1	2H8839	1.00
ES, 62	2H8724	1.50
R122	2H8859	1.00
250	2H8841	1.00
R6 and R7, Early		
Model, Phono	2H8830	1.75
R4, R5, C4, Early		
Model "Special"	2H8925	2.00
Abbey "Special"	2H8724	1.50
Abbey Jr. "Special"	2H8701	1.50
E-175	2H8858	1.00
R6 and R7, Later		
Model	2H8897	2.00

FREED-EISEMANN RADIO CORP.		
FE3ON and 30-32 40N		
and 48N, 50, NR78		
and NR79 AC, NR80-		
DC, NR80AC, NR85,		
470	2H8838	1.00
NR5, NR6, NR7, NR8		
and 8A, NR9 and 9A,		
NR10, NR12, FE15,		
FE18, NR20, 66 and		
66A, NR77, NR53, 78-		
78DC, 79DC, NR55DC,		
NR55 and 56 D.C.	2H8879	1.00
NR60 D.C., NR60 A.C.,		
NR57, NR70	2H8839	1.00
NR95	2H8840	1.00
NR90S A.C.	2H8905	1.50
NR879, 905GA, NR657,		
"Special"	2H8893	2.00

SINGLE JUNIOR WITH A. C. SWITCH

Name and Model	Stock No.	Your Cost
FRESHMAN RADIO CORP.		
G-60, Q15 and Q16,		
605M, "Special"	2H8786	1.00
3Q-15 and 3Q-16, N12,		
N17, 2-N, QD-16-S,		
series Q-D-16, "Special"	2H8746	1.00
H, K and K-60-S, M,		
L and LS	2H8786	1.00
41AC and Earl 41, 31,		
32A, 31S, 32S	2H8840	1.00
21AC, 22, (Earl) 21, 22,	2H8718	1.50
	2H8858	1.00
21 DC, 24, 31, 33 DC	2H8879	1.00

GAROD		
Garod E-A	2H8863	1.00
GENERAL ELECTRIC CO.		
T41-RC3	2H8905	1.50
H31, H51, H71	2H8867	1.00
S-22, S-22X-S-42	2H8744	1.00
T-12	2H8877	1.00

GENERAL MOTORS RADIO CORP. (DAY-FAN)		
5033, 5066, 5065, 6 tube		
5057, 6 DC, 32 DC,		
110-6-M.G.	2H8869	1.00
8 AC, 5077, 5080	2H8860	1.00
A5005-A5020	2H8861	1.00
72	2H8838	1.00
5003-5004-5010, 5091-48		
"Special"	2H8726	1.50
Delco 3002 Auto "Special"		
	2H8834	1.50
"A", 120A, 130, 140,	2H8913	1.50
150, 160	2H8913	1.50

GRAYBAR ELECTRIC CO.		
700, 770, 900	2H8867	1.00
678	2H8905	1.50
Graybarette	2H8877	1.00
8 Midget	2H8744	1.00

A. H. GREBE & CO., INC.		
428, Synchrophase		
A.C. 6; Synchrophase		
A.C. 7	2H8838	1.00
AH-1	2H8869	1.00
Early Synchrophase		
SK4 A.C.	2H8900	1.50
SK4 D.C.	2H8811	1.00
HS4-1, 2, 3, 4	2H8813	1.00

GRIGSBY-GRUNOW (MAJESTIC)		
76, 60, 70-B	2H8858	1.00
180-181 "Special"	2H8720	2.00
Series 50, Midget Super	2H8903	2.00
90, 91, 92, 321 "Special"	2H8930	1.50
90 Series	2H8840	1.00
30, 31, 131, 132, 233		
"Special"	2H8923	2.00
100 Series, 100B "Special"		
	2H8721	2.00
130A, 230A	2H8859	1.00
Midget Series 20	2H8793	1.00
60 Series, 160	2H8866	1.00
Midget Super "Special"	2H8914	1.50
120 Series, "Special"	2H8901	2.00
15B, "Special"	2H8797	1.00
25, "Special"	2H8799	1.50
15, 150, "Special"	2H8738	1.00
110 Auto, "Special"	2H8856	1.50

GULBRANSEN		
C-WG24, C and CG,		
9-In-Line (New)		
"Special"	2H8894	2.00
9-In-Line (Old)		
"Special"	2H8929	1.50
82 Arcadia	2H8912	1.50
50, 70 Series	2H8931	1.00
50, 70 Series, 80-8 Tube	2H8745	1.00
80-8 Tube (Old)		
"Special"	2H8942	1.50
80-8 Tube (New)		
"Special"	2H8722	2.00
40, "Special"	2H8857	1.50
40A, "Special"	2H8836	1.50
10, 13 series, "Special"	2H8733	1.50
23 series	2H8863	1.00
90 Series, "Special"	2H8909	2.00
Champion Jr.	2H8868	1.00

CENTRALAB VOLUME CONTROLS (Continued)

Name and Model	Stock No.	Your Cost
HAMMARLUND-ROBERTS CO.		
HT-Q29JR	2H8858	1.00
HT-Q29 Master	2H8862	1.00
HT-Q30, HT-Q31	2H8869	1.00

HOWARD RADIO CO.

135, 395, 445, 495, "Special"	2H8919	2.00
S. Green Diamond	2H8725	1.50
S. G. A., S. G. "C"	2H8912	1.50
35 A.C.	2H8843	1.00
S.G.B. Midget, H. O.	2H8872	1.00
S.G.B. Midget, O. H.		
A.V.H.	2H8819	1.00
A.V.H.	2H8808	1.00

KELLOG SWITCHBOARD & SUPPLY CO.

6 tube 507, 520 series...	2H8863	1.00
"B", 7 Tube	2H8871	1.00
520 series, 533, 534, 535	2H8861	1.00
536, 5	2H8861	1.00
K24, 25, 27, 28	2H8931	1.00
Screen Grid Receiver	2H8868	1.00

COLIN B. KENNEDY CORP.

KR 15 and 16	2H8859	1.00
"Royal" 60, "Royal" 80	2H8863	1.00
12 S.G., 10, 20, 20B, "Special"	2H8928	2.00
10	2H8869	1.00
"Royal" 60	2H8862	1.00
26 530 826 36 38 40, 26 with remote control 826	2H8913	1.50
34 Battery	2H8768	1.10
26 826	2H8742	1.00
34 30 and 32 50-52-56	2H8872	1.00
42 Midget	2H8817	1.00

KOLSTER RADIO CORP. (COLUMBIA PHONO.)

K20 22, 25, 27	2H8838	1.00
K21 24, 28, 23, K30, 32	2H8942	1.00
B10, B15 and 16	2H8860	1.00

COLUMBIA

C1, C2, C3, C4, C5, C6, C7, 920	2H8839	1.00
902, 961	2H8860	1.00
K42, K43, K44, K45	2H8926	1.50
930 AC, "Special"	2H8922	2.25
950	2H8858	1.00
960	2H8838	1.00
100 Series	2H8807	1.00
60 Series, 31-33 Columbia	2H8813	1.00
32-34	2H8793	1.00
70 Series, 80, 90, "Special"	2H8801	1.50

NATIONAL CARBON CO.

EVEREADY		
1, 2, 3	2H8862	1.00
30, 40 Series	2H8865	1.00
31	2H8840	1.00
50 Series	2H8892	1.50

PHILCO

65	2H8866	1.00
511, 512, 513, 514, 515, 521, 531, 541, 551, 561, 571, 581, Series 5, 82-86, 87	2H8858	1.00
1, 2, 3, 96, 96A, 92, 95, 95E, 11 and 11A, 211, 211A, 296, 296A, 111, 111A, 112, 112A	2H8864	1.00
76, 77, 77A, 70 Series	2H8913	1.50
Transitone No. 3, 30	2H8863	1.00
Baby Grand 20, 20A		
220, 41, 42, 220A	2H8914	1.50
40	2H8876	1.00
41, 42	2H8783	1.00

R. C. A. VICTOR

4-Circuit RC3, R15, RE17, R42	2H8905	1.50
R-32, RE-45, R-52, RE-75	2H8911	1.50
5-Circuit RE-35, RC-2A, RE-39, RE-57, RE-73, RE-34, 42		
R5, R5X	2H8904	1.50
R7, 7A	2H8877	1.00
R7 Superhette	2H8744	1.00
7A R-11, RE-18	2H8743	1.00
R50-R55	2H8861	1.00
R57, 82	2H8782	1.00

"RADIOLA"

80, 82, 86	2H8867	1.00
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SILVER-MARSHALL, INC.

630	2H8762	1.00
45M-730 Around the		

Name and Model	Stock No.	Your Cost
World	2H8840	1.00
740AC Coast to Coast	2H8868	1.00
714	2H8843	1.00
722AC, 30B, 60B, 75B, 95B	2H8871	1.00
770	2H8844	1.00
Royment Seven SM690	2H8863	1.00
37, 38, 39, 782	2H8817	1.00
683, A, F, D, EG, J, 716, 773 R5	2H8868	1.00
B	2H8872	1.00

SONORA PHONOGRAPH CO., INC.

2RP-25, 3R & 4R, 5R, A-30, A131, A-32, A-36, A-46, A-40, 44 DeLuxe, A3D, A31	2H8746	1.00
B-31	2H8866	1.00
E-AC	2H8863	1.00

SPARKS WITHINGTON CO. (SPARTON)

62, 63, 110, 110 Deluxe, 931, 301, Sparks Ensemble, 600, 610, 620	2H8840	1.00
AC7	2H8868	1.00
39	2H8841	1.00
69, 79, 79A, 89, 89A, 109, 55-101-103, 301, 930, 589, 574, 737	2H8865	1.00
591-593	2H8931	1.00
235, 235DC	2H8843	1.00
5 & 9	2H8817	1.00

STEINITE RADIO CO.

30	2H8876	1.00
Super Heterodyne "Special"	2H8780	1.00
40 50, 102 40C 60C 102C 70 80 90, 15, 16, 412 420 210 230, 420 450	2H8840	1.00
261 262 series	2H8838	1.00
990 991 992 993	2H8841	1.00
Midget 21, 23 "Special"	2H8750	1.75
Midget "Special"	2H8706	1.50
22, 25	2H8931	1.00
26 28	2H8867	1.00
421, 425 or 21, 203, 600, 605, 630, 635, 642, 643	2H8961	1.00

STEWART-WARNER CORP.

500, 520, 525, 806	2H8841	1.00
530, 535	2H8839	1.00
700, 705, 710, 900 series "Special"	2H8727	1.00
715-720 R-100A, R-100B, R-100E, R-100, AF, 110 Series "Special"	2H8728	1.00
801-802	2H8860	1.00
811	2H8840	1.00
970AC-980	2H8913	1.00
305, 315, 320	2H8876	1.00
300, 310, 325	2H8931	1.00
363	2H8838	1.00
950 & 100A Series, R100F "Special"	2H8728	1.00

STROMBERG-CARLSON TEL. MFG. CO.

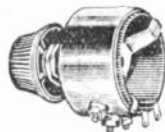
523, 524, 734B, 744B	2H8861	1.00
635, 636, 601, 602, 633, 634 Long Shaft	2H8885	1.50
638, 601, 602, 633, 634, 635, 636, Double Shaft	2H8886	1.50
10, 11	2H8866	1.00
12, 14, Automatic Volume control	2H8863	1.00
641, 641, 652, 654 Long Shaft	2H8883	1.50
L41A	2H8860	1.00

ZENITH RADIO CORP.

11, 12, 14, No. 31 32, 33, 34, 35, 35A, 342, 352, 352A, 362, 33X, 362X, 333, 353A, 34P, 342P, 35XP, 35APX, 352PX, 352APX, 37A, 35P, 35AP, 352P, 352-AP, 39, 39A, 392, 392A, 40A, 16EP, 17, 613, 60, 61, 62, 602, 622	2H8807	1.00
563	2H8806	1.00
52, 522, 53, 532, 54, 542, 57, 50 Series, 70, 102, 112, 212, 10, 11, 12 Spec, 122, 70X, 80	2H8902	1.50
70 Series, 50, 60, 70, 71, 72, 73, 77, 712, 722, 732, 772 (Later types) Special (Dual)	2H8924	2.25
"Zenette" AH, CH, RH, No. 3A, 10, 11, 12, 102, 112, 122, 70, 70X, 80	2H8745	1.00
2009	2H8803	1.00
70X, 80	2H8861	1.00
L, P	2H8817	1.00

Centralab

HEAVY DUTY POTENTIOMETER

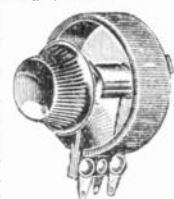


A compact potentiometer for power circuits, wire wound to dissipate up to 20 watts. Aluminum case 1 1/2 x 1 inch deep. Bushing 3/8 x 7/8 inch. Shaft 1/4 x 1/2 inch long.

Stock No.	Resistance	Your Cost
2H8729	10,000 ohms	\$1.18
2H8730	15,000 ohms	\$1.18
2H8731	25,000 ohms	1.47
2H8732	50,000 ohms	1.47

POWER RHEOSTAT

Gives maximum watt dissipation for its size because of complete air circulation. Resistance strip 2 inches diameter by 1/2 inch deep. All metal frame and core insulated with treated asbestos. Rating 35 watts. Furnished standard with three terminals. Bushing 1/2 x 1 inch long. Shaft 1/4 x 1/2 inch long. Black Bakelite knob.



Stock No.	Resistance	Your Cost
2H8768	15 ohms	\$.88
2H8771	150 ohms	.88
2H8773	400 ohms	.88
2H8775	1,000 ohms	1.03
2H8777	5,000 ohms	1.18

GIANT POWER RHEOSTAT



Same construction as above with resistance strip 1 inch deep, doubling area for heat dissipation. All resistances furnished with three terminals. Rating 50 watts.

Stock No.	Resistance	Your Cost
2H8769	25 ohms	\$1.18
2H8770	60 ohms	1.18
2H8772	150 ohms	1.18
2H8774	500 ohms	1.18
2H8776	1,000 ohms	1.47
2H8778	5,000 ohms	1.62

CONSTANT IMPEDANCE "T" PAD

A network of three resistances housed in a large dust and moisture tight case. Two wire wound sections offer constant resistance to the input and output circuits while a tapered graphite section provides smooth attenuation of volume level.



All parts are extra large and strong for continuous commercial service. Bakelite case 3 1/2 x 1 3/4 inches deep. Provides single or three hole mounting. Furnished with Bakelite knob.

Stock No.	Resistance	Stock No.	Resistance
2H8950	5,000 ohms	2H8947	100 ohms
2H8944	1,500 ohms	2H8948	50 ohms
2H8945	500 ohms	2H8949	15 ohms
2H8946	200 ohms		
Your Cost, Each \$4.12			

CONSTANT IMPEDANCE "L" PAD



Recommended for individual control of magnetic speakers such as centralized school systems, hotels, hospitals, or where one or more speakers are added to the home receiving set.

The two graphite resistances provide constant resistance to the line with smooth volume control of the individual speaker without changing the adjustment of other speakers on the same line. Safe energy dissipation 1 watt.

2H8907—5000 ohms	2H8908—10,000 ohms
Your Cost, Each	\$2.06

REPLACEMENT VOLTAGE DIVIDERS

For Victor Models
R-32, RE-15, R-52, RE-75



The genuine Victor Replacement Voltage Divider. Total resistance, 4325 ohms, tapped at 2000, 1350, 200, and 775 ohms.

2X20832—
Your Cost, Each..... **85¢**

For EDISON and SPLITDORF RECEIVERS



Can be used in many other sets and circuits. 50 Watt rating.

2X20492—12,500 ohms

Your Cost, Each..... **29¢**

In dozen lots..... **\$3.00**

2X20493—10,000 ohms

Your Cost, Each..... **45¢**

In dozen lots..... **\$5.00**

2X20495—8,000 ohms

Your Cost, Each..... **29¢**

In dozen lots..... **\$3.00**

Genuine RCA-Radiola Voltage Dividers



Refer to Page 57 for complete listing of models on these Genuine Radiola voltage dividers.

GENUINE PHILCO REPLACEMENTS

For Model No. 63



Total resistance 2700 ohms; tapped at 2000, and 700. Can be used as separate resistors.

2X20554—

Your Cost, Each..... **49¢**

In dozen lots..... **\$5.00**

PEERLESS "EL MENDO"

VOLTAGE DIVIDER



For Peerless Courier and Kyletron Sets. Total resistance 225,000 ohms; tapped at 100,000, 25,000; 50,000; and 50,000. 3 3/4 in. long.

2X20558—Your Cost..... 60¢

WARD-LEONARD VITROHM HEAVY DUTY RESISTORS



For D. C. receivers, battery charging circuits, transmitting and many others. 200 watt rating. 8 1/2 ins. long, 1 1/4 ins. diam.

2E4990—17.5 ohms

2E4991—15.0 ohms

Your Cost, Each..... **95¢**

"C" BIAS RESISTORS

For use as a "C" bias or a Plate Resistor. 800 ohm enameled wire-wound resistor, 10 watt.

2 ins. long.

2E4992—Your Cost, 10¢

Each 900 ohm Aerovox enameled wire-wound, 10 watt, 1 in. long.

2E4993—Your Cost, 10¢

Each 1000 ohm enameled wire-wound resistor with mounting legs, 20 watt, 2 in. long.

2E4994—Your Cost, 15¢

Each



UNIVERSAL VOLTAGE DIVIDERS

With Variable Sliding Bands

A few of these units kept on hand will prepare you for 90% of the voltage divider trouble occurring in the electric receivers, "B" eliminators, amplifiers, etc. By means of their variable taps they are instantly adjustable to meet any particular requirement. When proper voltage is obtained by moving contacts simply tighten sliders and install. Our very low price will enable you to have a complete stock with a small investment.

Stock No.	Total Ohms	Var'ble Taps	Size In.	Your Cost
2E4900	5000	3	3/4x4 1/2	.68
2E4901	10000	3	3/4x4 1/2	.68
2E4902	13000	4	3/4x4 1/2	.68
2E4903	15000	4	3/4x4 1/2	.68
2E4904	36000	6	3/4x6	.88
2E4905	41000	6	3/4x6	.88
2E4906	45000	6	3/4x6	.95
2E4907	50000	6	3/4x6	1.10

YAXLEY VARIABLE CENTER-TAP RESISTOR

A wire wound variable tapped resistance for grid bias. 200 ohms.

2F6350—Your Cost, Each... 10¢

YAXLEY POTENTIOMETERS

A genuine Yaxley 20 ohm potentiometer can be used as hum or filament control.

2F6351—Your Cost, Each 10¢

TRUEST—GUARANTEED VITREOUS ENAMELED RESISTORS

The very finest quality, brand new and guaranteed units. Each individually marked. They are exceptional bargains at our low price and we suggest an assortment for your emergency needs.

20 WATT SIZE 2 inches Long.

Stock No.	Ohms	Your Cost	Stock No.	Ohms	Your Cost
2E4910	5	.24	2E4925	750	.28
2E4911	10	.24	2E4926	800	.27
2E4912	15	.24	2E4927	1000	.30
2E4913	50	.24	2E4928	1100	.30
2E4914	75	.24	2E4929	1200	.30
2E4915	100	.24	2E4930	1250	.30
2E4916	150	.24	2E4931	1500	.30
2E4917	200	.24	2E4932	1750	.30
2E4918	250	.24	2E4933	1850	.30
2E4919	300	.25	2E4934	2000	.30
2E4920	350	.25	2E4935	2250	.30
2E4921	400	.25	2E4936	2400	.30
2E4922	500	.25	2E4937	2500	.35
2E4923	650	.25	2E4938	2750	.35
2E4924	700	.25	2E4939	3000	.35

50 WATT SIZE 4 inches Long

Stock No.	Ohms	Your Cost	Stock No.	Ohms	Your Cost
2E4955	10	.35	2E4965	1250	.40
2E4956	20	.35	2E4966	1500	.40
2E4957	50	.35	2E4967	2000	.40
2E4958	100	.35	2E4968	2250	.40
2E4959	250	.35	2E4969	2500	.40
2E4960	500	.35	2E4970	3000	.40
2E4961	700	.37	2E4971	4000	.42
2E4962	750	.37	2E4972	5000	.42
2E4963	1000	.40	2E4973	6000	.45
2E4964	1150	.40	2E4974	7000	.50
			2E4975	7500	.50
			2E4976	8000	.50
			2E4977	9000	.50
			2E4978	10000	.50
			2E4979	12000	.50
			2E4980	15000	.50
			2E4981	25000	.55
			2E4982	50000	.55
			2E4983	70000	.60
			2E4984	100000	.65

Truest Resistances

The Wire wound filament resistances. Dependable construction; run true to rating. Resistance values of 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 25, 30, 40, 50 and 60 ohms.

2D3997—List, 15¢

Your Cost, Each..... **08¢**

Resistance values of 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 and 1500 ohms.

2D3998—List, 25¢

Your Cost, Each..... **10¢**

Center Tap Resistances

Same as above, but tapped at the electrical center. Available in 10, 20, 30, 40, 50, 60, 100 and 200 ohms.

2D3999—List, 30¢

Your Cost, Each..... **12¢**

A.K. GRID-BIAS RESISTOR



Official Atwater Kent grid bias resistance 3250 ohm, tapped at 750 ohm.

2F6550—Your Cost, Each..... 10¢

In Lots of Ten, 90¢

A.K. CENTER TAP RESISTOR



Used in Atwater Kent sets. 20 ohm center tap resistance, tapped at electrical centers.

2F6551—Your Cost, Each..... 06¢

In Lots of Ten, 50¢

Yaxley 20-ohm Center Tapped Wire Wound Resistors



Tapped with soldering lug at the electrical center.

2F6300—Your Cost, Each..... 06¢

In Lots of Ten, 50¢

YAXLEY Tapped Resistances



Each resistance unit is space wound, the center tap is accurately placed in the electrical center of the resistance—not necessarily the dead center of the unit.

Stock No.	Resistance in Ohms	Mounting Centers	Net Price
2F6301	6	1 1/4 in.	\$.18
2F6302	10	1 1/4 "	\$.18
2F6303	12	1 1/4 "	\$.18
2F6304	15	1 1/4 "	\$.18
2F6305	15	1 1/4 "	\$.18
2F6306	20	1 1/4 "	\$.18
2F6307	30	2 1/4 "	\$.18
2F6308	50	1 1/4 "	\$.18
2F6309	64	1 1/4 "	\$.18
2F6310	100	2 1/4 "	\$.24
2F6311	400	2 "	\$.24

YAXLEY GRID RESISTORS



Wire wound for the grid line. Mount directly to socket. Illustrated above.

Stock No.	Resistance in Ohms	Mounting Centers	Net Price
2F6315	100	1 1/4 in.	\$.16
2F6316	200	1 1/4 "	\$.16
2F6317	300	1 1/4 "	\$.16
2F6318	400	1 1/4 "	\$.16
2F6319	500	1 1/4 "	\$.16
2F6320	600	1 1/4 "	\$.21
2F6321	700	1 1/4 "	\$.21
2F6322	800	1 1/4 "	\$.21
2F6323	1000	1 1/4 "	\$.21
2F6324	1500	2 1/4 "	\$.21
2F6325	2000	3 1/4 "	\$.21
2F6326	3000	4 "	\$.21

YAXLEY Resistance Units

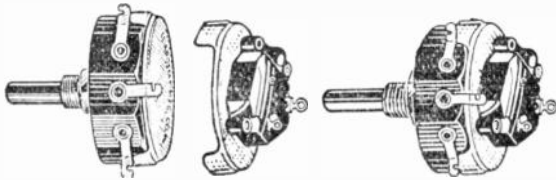
Small, accurate, provided with combination screw eye and solder lug.

Stock No.	Resistance in Ohms	Net Price
2F6330-1	10	\$.10
2F6331-2	15	\$.10
2F6332-3	20	\$.10
2F6333-4	25	\$.10
2F6334-5	30	\$.10
2F6335-6	35	\$.10
2F6336-8	40	\$.10

CLAROSTAT

AD-A-SWITCH WIRE WOUND UNITS AND SWITCH COVER-PLATES

Listed below a series of Clarostat Wire Wound Controls designed to fill the jobber's, dealer's and serviceman's demand for reliable wire wound single controls which can be used either with or without switches as required. The plain dust-guard coverplate supplied with these controls can be pried off and a switch type dust-guard coverplate can be snapped in its place to convert the switchless unit into a switch unit. These units are supplied less knob, with insulated shaft and bushing.



Stock No.	Resistance Carrying Capacity	Ohms	Ma.	Tapered for; or suggested uses	Your Cost
2F7099	50	250		Standard potentiometer.	\$.47
2F7098	100	180		Standard potentiometer.	.47
2F7097	200	125		Standard potentiometer.	.47
2F7096	300	100		Standard potentiometer.	.47
2F7095	400	85		Standard potentiometer.	.47
2F7094	500	80		Standard potentiometer.	.47
2F7093	750	65		Standard potentiometer.	.47
2F7092	1,000	55		Standard potentiometer.	.52
2F7091	1,000	40		For untuned antenna control.	.52
2F7090	2,000	40		Standard potentiometer.	.55
2F7089	2,000	25		For untuned antenna control.	.52
2F7088	2,000	25		For "C" bias control.	.55
2F7087	3,000	30		Standard potentiometer.	.52
2F7086	3,000	20		For combined ant. and "C" bias.	.55
2F7085	3,000	20		For "C" bias control.	.55
2F7084	5,000	25		Standard potentiometer.	.52
2F7083	5,000	17		For combined ant. and "C" bias.	.55
2F7082	5,000	17		For "C" bias control.	.55
2F7081	7,500	20		Standard potentiometer.	.52
2F7080	7,500	14		For combined ant. and "C" bias.	.55
2F7079	7,500	14		For "C" bias control.	.55
2F7078	10,000	17		Standard potentiometer.	.55
2F7077	10,000	12		For ant. or R.F. coil control.	.60
2F7076	10,000	12		For combined ant. and "C" bias.	.55
2F7075	10,000	12		For "C" bias control.	.60
2F7074	10,000	12		For screen grid voltage.	.55
2F7073	15,000	14		Standard potentiometer.	.60
2F7072	15,000	11		For combined ant. and "C" bias.	.60
2F7071	15,000	11		For screen grid voltage.	.60
2F7070	20,000	12		Standard potentiometer.	.64
2F7069	20,000	10		For "C" bias control.	.64
2F7068	25,000	11		Standard potentiometer.	.69
2F7067	30,000	11		Standard potentiometer.	.69
2F7066	40,000	10		Standard potentiometer.	.78
2F7065	50,000	9		Standard potentiometer.	.78
Switch Type Coverplate.....					.29

FROST-RADIO VOLUME CONTROLS



No. 70 Series. Composition Element, bakelite case with metal dust-proof back cover, furnished either with or without "Built-in" switch. This series have the full wiping contact between the movable member and the hard smooth composition resistance element. Size, 1 1/2 ins. in diameter, 2 1/4 in. in depth, 1 3/4 ins. shaft length, 1/4 in. in diameter.

Without Switch	With A.C. Switch
Stock No.	Stock No.
2G8300 2,000	2G8308
2G8301 5,000	2G8309
2G8302 10,000	2G8310
2G8303 25,000	2G8311
2G8304 50,000	2G8312
2G8305 75,000	2G8313
2G8306 100,000	2G8314
2G8307 500,000	2G8315

Your Cost, without switch, each **42¢**
Your Cost, with A. C. switch, each **62¢**

DUAL VOLUME CONTROLS

With "Built-in" A.C. Switch.	
50,000-50,000 ohms	2G8316
10,000-50,000 ohms	2G8317
Your Cost, Either type	98¢

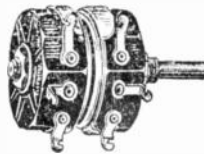
Yaxley Jr. Rheostats and Potentiometers



Used as standard equipment by set manufacturers. Midget in size, 1 1/2 in. in diameter and mount in a single 1/4 in. panel hole. Complete with knob.

Stock No.	Rheostats	Ohms	Amperes	Potentiometers	Your Cost
2F6480	1	2.2			.58
2F6481	2	1.6			.58
2F6482	3	1.3			.58
2F6483	6	.9			.58
2F6484	10	.7			.58
2F6485	15	.6			.58
2F6486	20	.5			.58
2F6487	25	.45			.58
Your Cost					44¢
2F6488	15	.6			.58
2F6489	25	.45			.58
2F6490	30	.4			.58
2F6491	40	.35			.58
2F6492	50	.3			.58
2F6493	60	.28			.58
2F6494	75	.22			.58
2F6495	100	.22			.58
2F6496	200	.15			.58
2F6497	400	.11			.58
2F6498	1000	.07			.73
2F6499	2000	.05			.73
2F6500	3000	.04			.73
2F6501	5000	.03			.88
2F6502	10000	.02			.88

Clarostat Replacement Volume Controls



The following list of controls have been designed expressly for their respective receivers. Each unit is guaranteed to give noiseless operation and will fit the chassis exactly like the original. No changes necessary. Extra-heavy construction thru-out.

FOR VICTOR MODELS
R-32, RE-45, R-52, RE-75.
Dual volume control, 3800-3800 ohms, guaranteed to give lasting satisfaction. **\$1.30**
2F7050—Your Cost

RADIOLA Models 42, 48.
VICTOR Models R-14, R-15.
Made for the above receivers. No changes necessary to install this unit. **\$1.30**
2F7053—Your Cost

ZENITH 50, 60, 70 SERIES RECEIVERS
Dual volume control, used in late models of 50, and 60 Series, all of the 70 Series. Supplied with or without A.C. switch. **\$1.10**
Your Cost, Each.....
2F7052—With A.C. switch. Your Cost, Each..... **\$1.60**

RADIOLA VOLUME CONTROL STRIPS

For the serviceman that wishes to repair the old volume control by installing a new resistance strip in place of the defective one. Easy to install as replacement is same size and correct number of ohms as the original. For Models 18, 33, and 51. 2G7670—2,000 ohms.

For Models 44, 46, 47, 64. 2G7671—3,000 ohms. For Models 60 and 62. 2G7672—450 ohms. For Model 66. 2G7673—550 ohms. For Model 64. 2G7674—1,250 ohms. Your Cost, Each..... **24¢**
In Dozen **\$2.50**

GENUINE SPARTON VOLUME CONTROLS

Made by Frost Radio; 50,000 ohms, single unit, used in all Sparton sets.

2G8319—Your Cost **49¢**

Frost Replacement For
BOSCH Models 54, 48, 56, 49.
COLONIAL Models 32 D.C. 32 A.C.
EVEREADY 50 Series
FADA Models 41, 42, 44, 46, 47 and 40 A. C.
GENERAL MOTORS Model A
PHILCO Models 77, 77A, 20, 20A, 41 DC, 42 DC, 95, 96, 96A, 296.
TEMPLE Models 861, 881, 891. 10,000 and 50,000 ohms.
2G8318—Your Net **98¢**
Cost **\$9.00**
In Lots of Ten.....

Power and Super-Power Clarostats
Power and Super-Power Clarostats are heavy-duty variable resistors for radio power units, transmitters, or general electrical applications. The power Clarostats will handle 80 watts, the Super-Power will carry 250 watts. Both types can be mounted one-hole panel type.
Power Clarostats
Stock No. Resistance Range in Ohms
2F6831 1/4 to 10
2F6832 25 to 500
2F6833 200 to 100,000
List \$3.50. **\$2.05**
Your Cost, Each.....
Super-Power Clarostats
2F6834 1/4 to 10
2F6835 25 to 500
2F6836 200 to 100,000
List \$6.00. **\$3.50**
Your Cost, Each.....

CLAROSTAT LINE BALLASTS

Real compensation for line voltage changes is available for radio sets and amplifiers designed for use with the Line Ballast. The Clarostat Line Ballast will cover a range of from 95 to 135 volts. **GUARANTEED REPLACEMENT FOR THE FOLLOWING RECEIVERS:**



Stock No.	Replacement For	Ballast Type No.
2F6803	Belmont	2518
2F6804	Bremner-Tully	2169
2F6805	Brunswick	2179
2F6806	Clarion	2408
2F6807	Grebe	6412
2F6808	Grebe	6420
2F6809	Grebe	6310
2F6810	Grebe	0600
2F6811	Grebe	0600
2F6812	Grebe	0608
2F6813	Grebe	0710
2F6815	HFL	4210
2F6805	HiQ 30	2179
2F6806	HiQ 31	2408
2F6807	Kennedy	6412
2F6809	Kyletron	6310
2F6814	Larkin	2314
2F6807	Larkin	6412
2F6816	Majestic 70	1516
2F6817	Majestic 72	1508
2F6818	Majestic 80	1012
2F6819	Majestic 90	1210
2F6820	Baldwin	2516
2F6809	Peerless	6310
2F6821	Pierlor	2500
2F6805	Scott	2179
2F6805	Silver	2179
2F6820	Simplex	2516
2F6805	Sonora	2179
2F6816	Sonora	4210
2F6822	Star Raider	2100*
2F6803	Starck Piano	2518
Stewart Warner		
2F6823	Model 900-61816	5001
2F6824	Model 950-62152	5002
2F6825	Model R100-66756	5003
2F6809	United Reproducer	6310
2F6826	UV876 Tube	2200*

*Use two ballasts in series. All types. List \$2.50. **\$1.40**
Your Cost, Each.....

AUTOMATIC LINE VOLTAGE CONTROL



The Clarostat Automatic Line Voltage Regulator designed to absorb the line fluctuations, assuring safe operation of all radio receivers. For receivers consuming the following wattage.

2F6827—60-100 Watts.
2F6828—100-150 Watts.
2F6829—150-200 Watts.
2F6830—200-250 Watts.
List \$1.75. **90¢**
Your Cost, Each.....

Power and Super-Power Clarostats

Power and Super-Power Clarostats are heavy-duty variable resistors for radio power units, transmitters, or general electrical applications. The power Clarostats will handle 80 watts, the Super-Power will carry 250 watts. Both types can be mounted one-hole panel type.

Power Clarostats
Stock No. Resistance Range in Ohms
2F6831 1/4 to 10
2F6832 25 to 500
2F6833 200 to 100,000
List \$3.50. **\$2.05**
Your Cost, Each.....
Super-Power Clarostats
2F6834 1/4 to 10
2F6835 25 to 500
2F6836 200 to 100,000
List \$6.00. **\$3.50**
Your Cost, Each.....

CUTLER-HAMMER SWITCHES Toggle Switch



General purpose.
1/2 inch shaft. 3
amps. at 125 v.
Approved by Under-
writers.
2M12836—**15¢**
Each
Per Dozen—\$1.70

Long Shank Switch

Same as above ex-
cept has long shaft;
1 inch. Ideal for
wood panels.

2M12835—**18¢**
Each
Per Dozen—\$2.00



Single Pole Double Throw Switch



Three terminals
one common.
One pole on each
end. Ideal for
Phono-Radio
switch. Rated 3
amps. at 125 v. 1/2-inch shaft.

2M12834—**20¢**
Each
Per Dozen—\$2.20

2 Circuit Rotary Toggle

Two way, two
circuit. Rated
3 amps. 125 v.
Shaft 1 1/4 ins.
long, for stand-
ard knob.

2M12837—Each **22¢**
Per Dozen—\$2.25



OFF-ON SWITCH

Similar in appearance to
the above except has only two ter-
minals.

2M12838—Each **14¢**
Per Dozen—\$1.50



Double Pole Double Throw TOGGLE

A suitable switch
for meter panels,
set analyzers, and
testing equipment. Ideal
for phono-radio switch also.
Shaft 1 1/4 inch long. Not suitable
for 110 Volt A.C.

2M12833—Each **60¢**
Per Dozen—\$6.50

Triple Throw TOGGLE

Single pole triple
throw. Dead center
position. 1/2-
inch shank.

2M12831—**75¢**
Each
Per Dozen—\$8.00



Single Pole Double Throw

Similar in appearance to the
above, except single pole double
throw. Center position off.
Suitable for Radio-Phono switch.
1/2-inch shaft.

2M12832—Each **42¢**
Per Dozen—\$4.00



G. E. ROTARY SWITCH With Knob

On and off
switch. Rated
3 amps. 125 volts. Approved.
3/4-inch shaft for standard knob.
2M12827—**15¢**
Each
Per Dozen—\$1.60

EBY Rotary Switches



3 Amps. 125 volts.
New Style rotary.
3/4-inch shaft.
Mounting lugs

SINGLE POLE SINGLE THROW
2M12825—**15¢**
Each
Per Dozen—\$1.70
SINGLE POLE DOUBLE THROW
2M12826—**19¢**
Each
Per Dozen—\$1.90

BEST On-Off Compact Switch



Rated 3 amps. 125
volts. 1/2-inch
shaft for standard knob.
2M12824—Each **18¢**
Per Dozen—\$2.00



CARTER Phono- Radio Switch

Compleat with es-
cutcheon plate.
Single pole double
throw. 1/4-inch
shaft.

2M12828—**17¢**
Each
Per Dozen—\$1.80

YAXLEY Battery Switch



Small filament
control snap
switch. Quick
action. One hole
mounting.

2F6477—Each **29¢**
Per Dozen—\$0.00

Miniature Bakelite Knife Switches



Nickel plated metal parts. Single
pole types 1 1/2 inches long,
double pole 2 1/2 inches.

Stock No.	Poles	Throw	Net
2R16830	1	S	\$0.30
2R16831	1	D	.36
2R16832	2	S	.42
2R16833	2	D	.48
2R16834	3	S	.70
2R16835	3	D	.72
2R16836	4	S	.84
2R16837	4	D	1.18
2R16838	5	S	1.32
2R16839	5	D	1.47

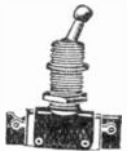
PORCELAIN BASE Knife Switches



For many ra-
dio and elec-
trical uses,
especially suit-
able for aerial and ground. Cop-
per contacts and blades.

Stock No.	Poles	Throw	Net
2R16820	1	S	\$0.10
2R16821	1	D	.14
2R16822	2	S	.18
2R16823	2	D	.22
2R16824	3	S	.35
2R16825	3	D	.52

H & H Long Shank Switches



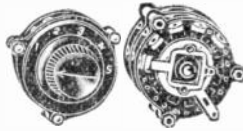
Underwriter ap-
proved. 3 amps.
at 125 volts. Bronze finish
lever and shank.
3/8 ins. long.
Complete with two nuts. "On-
Off" Type -

2M12839—Your Cost Ea. **\$1.80**
12 for
Single Pole, Double Throw
2M12840—Your Cost Ea. **22¢**
12 for
Two Way Two Circuit
2M12841—Your Cost Ea. **22¢**
12 for

YAXLEY JUNIOR Jack Switch



For use in small space. Extends
1 1/4 inches behind panel; 1 3/4
inches long over all. Shpg. wt.
10 oz.
2F6470—Battery Switch.
List Price, 70c. Net.....41c
2F6471—Two Circuit.
List Price, 85c. Net.....50c
2F6472—Double Circuit.
List Price, 95c. Net.....56c
2F6473—List Price, \$1.10. Net.....65c
2F6474—Two way Two Circuit.
2F6473—Five Spring.
List Price, \$1.10. Net.....65c



YAXLEY GANG SWITCHES

These multi-point Tap Switches
have many applications in radio.
Especially necessary in all-wave
receivers. Nonshorting type. Con-
tact arm insulated from shaft.
Very low capacity. Smooth and
easy action. Furnished complete
with knob and escutcheon plate. Your

Stock No.	Two Point	List	Cost
2F6425	1 Gang	\$0.90	\$0.53
2F6427	2 "	1.50	.88
2F6428	3 "	2.10	1.34
2F6429	4 "	2.70	1.59
THREE POINT			
2F6431	1 Gang	.90	.53
2F6432	2 "	1.50	.88
2F6433	3 "	2.10	1.24
2F6434	4 "	2.70	1.59
FOUR POINT			
2F6436	1 Gang	.90	.53
2F6437	2 "	1.50	.88
2F6438	3 "	2.10	1.24
2F6439	4 "	2.70	1.59

These switches are available in
both shorting and non-shorting
type up to Ten Point, Nine Gang.
Write for prices on switches not
listed.

CARTER JACKS



Never before have these well
known Jack Switches sold at any
thing like our new low price.
Just another example of how
"Wholesale" saves you money.

Type 101. One spring. Open
Circuit.
2F6280—Your Cost Each **10¢**
Type 102A. Two springs, breaks
one circuit and breaks another
when plug is inserted.
2F6281—Your Cost Each...10¢
Type 103. Three springs; two
open circuits closed when plug
inserted. Fil. control.
2F6282—Your Cost Each...10¢
Type 104. Four springs. Two
circuits broken when plug is in-
serted; makes another.
2F6283—Your Cost Each...10¢
Type 105. Five springs. Makes
two circuits; breaks two when
plug is inserted.
2F6284—Your Cost Each...10¢
Dozen, any Type.....\$1.00



YAXLEY PHONE PLUG

Perfect contact and bakelite in-
sulation prevent current leakage.
Shorting is impossible, and the
polished bakelite handle dresses
up this popular efficient plug.
Equipped with screw terminals
with coin slots.
2F6478—List 50c. **29¢**
Your Cost.....

YAXLEY JUNIOR JACKS



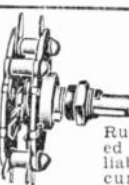
For use where space is at a pre-
mium. Extends only 1 1/4 inches
behind panel. 1 3/4 inches long
over all. Shpg. wt. 6 oz.
2F6450—No. 701 Open Circuit.
List, 10c. Net.....24c
2F6451—No. 702 Closed Circuit.
List, 55c. Net.....32c
2F6452—No. 703 Single Circuit.
Filament Control.
List, 65c. Net.....38c
2F6453—No. 704 Interstage.
List, 75c. Net.....44c
2F6454—No. 707 Filament
Lighting. Net.....64c

YAXLEY PUSH Button Switches



Though frequently used and even
more frequently desirable, it has
been difficult to obtain a stand-
ard push button switch in the
multi-spring combination. Now,
Yaxley Push Button Switches are
available in a wide range of
spring combinations.

Catalog Number	Description	List Price	Your Cost
2F6460	Make Contact	\$1.00	\$0.59
2F6461	Break Contact	1.00	.59
2F6462	Single Pole, Double Throw	.115	.67
2F6463	Two Make Contacts	1.30	.76
2F6464	Two Break Contacts	1.30	.76
2F6465	Double Pole, Double Throw	1.60	.94

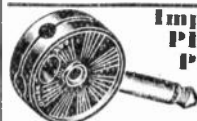


"BEST" Sectional Rotary Switches

Ruggedly construct-
ed and built for re-
liable service. No
current carrying
parts are connected
to shaft. May be mounted on
panel without additional insula-
tion. Non-shorting type.

Stock No.	No. G's	List Price	Your Cost
2M12925	1	\$0.55	\$0.44
2M12926	2	.80	.47
2M12927	3	.85	.50
2M12928	4	.90	.53
2M12929	5	.95	.56
2M12930	6	1.00	.59
2M12931	7	1.05	.62
2M12932	8	1.10	.65
2M12933	9	1.15	.68
2M12934	10	1.25	.74
2M12935	2	1.35	.74
2M12936	2	1.45	.85
2M12937	2	1.55	.91
2M12938	2	1.65	.97
2M12939	2	1.75	1.03
2M12940	2	1.85	1.09
2M12941	2	1.95	1.15
2M12942	2	2.25	1.32

2M12950—Special Slotted Knob
for above switches. **15¢**
Your Cost Each.....
2M12951—Special etched plate
with numbers corresponding to
switch positions. **15¢**
Your Cost Each.....

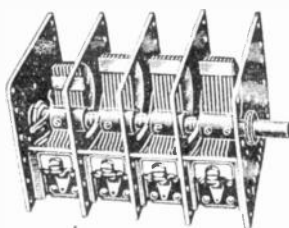


Improved PHONE PLUG

No tools needed to connect this
new plug. Tips are held securely
by means of improved jack.
6 oz. List Price, 35c. **10¢**
2M13050—Your Cost Ea. **10¢**

"Precision" Condensers for Superheterodynes and T.R.F.

These new type Tuning Condensers contribute a marked improvement to the performance of the Superheterodyne by eliminating the necessity for a so-called "padding" circuit. Units consist of one or more piezoelectric condenser sections mounted on the same shaft with a tracking condenser for the oscillator. This arrangement does away with the extra fixed or semi-variable condensers and resistors necessary to a padding circuit, which are at best only an approximation of the desired capacities, in many cases the discrepancy is more than 10 microfarads and since it varies with dial setting, a distorted sensitivity curve with poor reception at certain points results. Precision Condensers are heavy in construction and have ball-bearing shafts. Have mountings for trimmers on either side so that direction of rotation may be either clockwise or counter-clockwise. Aluminum Plate, slotted, for micrometric adjustment. Exceedingly low minimum Manufacturers type.



Stock No.	Gangs	Capacity	Shaft	Size	Shpg. Wt.	List	Your Cost
2H9700	2	.00035	3/4"	4 1/4 x 3 1/2 x 2 1/4"	2 1/2 lbs.	\$6.00	\$1.45
2H9701	3	.00035	3/4"	4 1/4 x 3 1/2 x 3 1/4"	3 lbs.	8.25	2.05
2H9702	4	.00035	3/4"	4 1/4 x 3 1/2 x 4 1/4"	5 lbs.	11.00	2.75

PRECISION Condensers for T. R. F. Circuits

Same construction as above Condensers except that all sections are identical in capacity curve; the correct type for T.R.F. sets. Manufacturers type.

Stock No.	Gangs	Capacity	Shaft	Size	Shpg. Wt.	List	Your Cost
2H9703	2	.00015	3/4"	4 1/4 x 3 1/2 x 2 1/4"	2 1/2 lbs.	\$6.00	\$1.45
2H9704	3	.00015	3/4"	4 1/4 x 3 1/2 x 3 1/4"	3 lbs.	8.25	2.05
2H9705	4	.00015	3/4"	4 1/4 x 3 1/2 x 4 1/4"	5 lbs.	11.00	2.75

De-Jur-Amsco Midget Condensers



Small condensers to be used as trimmers or neutralizers, or any place where a high grade condenser of low capacity is needed. Fine for shortwave receivers or antenna series condensers. Quality construction and workmanship. Brass plates and separators; Bakelite framework. Complete with Bakelite knob. Shpg. Wt., 9 oz.

Stock No.	Capacity	Plates	List	Your Cost
2H9710	.000025	7	\$1.00	45c
2H9711	.00005	13	1.25	55c
2H9712	.0001	23	1.50	65c

GENUINE "G-I" 3 Gang Condenser

Made by the Manufacturer who furnishes the most of the Radio Set Makers with Condensers.

"G-I" units are as good as can be bought. Construction is of cadmium plated, heavy steel with shielding between each section. The 3/4 inch shaft is ball-bearing and smooth in action. Direction of rotation may be reversed by changing trimmers from one side to the other. Plates are of heavy aluminum, slotted. A special spring between sections maintains the alignment. Flat mounting with three threaded holes in bottom. Capacity .00035 Mfd. Size, full open: 3 1/2 x 3 3/4 x 6 3/4 inches long. Shpg. Wt., 3 Lb.

2H9907—List Price Each \$3.75 Your Cost Each \$1.10

HAMMARLUND "MIDLINE" CONDENSERS

The improved "Midline" condenser utilizes the newly perfected "Parmica" low loss insulation. Special shaped brass plates, full floating rotor, removable shaft, ball-and-roller bearing, bronze pivot, rib-reinforced aluminum alloy frame. Tested to 1000 volts. A.C. Shaft, 1/2 inch. Two mounting holes in bottom. Shpg. Wt., 1 Lb.

Stock No.	Max. Cap'y.	Code	List	Your Cost
2H8500	.00025	ML-11	\$5.00	\$2.94
2H8501	.00035	ML-17	5.25	3.09
2H8502	.0005	ML-23	5.50	3.21

HAMMARLUND MIDGET CONDENSERS

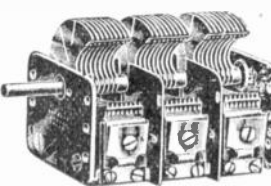
A real Midget Condenser with perfect tuning characteristics. Soldered, non-corrosive plates, sturdy frame, accurately fitted bearings. Positive and permanent capacities at all settings. New Parmica insulation. Four point bronze wiping contacts, eliminates pitting. Vibration proof construction. Ideal for short wave work.

Stock No.	Plates	MMF	Max. Cap.	List	Net
2H8503	3	3	20	\$1.50	\$0.88
2H8504	5	4	35	1.50	.88
2H8505	7	5	50	1.80	1.06
2H8506	11	6	80	2.00	1.18
2H8507	13	6	100	2.30	1.35
2H8508	14	6	100	2.30	1.35
2H8509	19	7	140	2.50	1.47
2H8510	27	10	200	2.80	1.64
2H8511	34	10	260	3.00	1.77
2H8512	43	12	320	3.50	2.06

*SEMI-CIRCULAR plates, others MIDLINE plates.

"Low-Min" Variable Condensers

These Tuning Condensers are very popular with Experimenters, Custom Set-builders and Servicemen because of the exceedingly low minimum they attain—.000014 with trimmers all in—a very desirable feature which few other condensers possess. The maximum capacity of .00038 is also greater than that ordinarily found. Fully shielded between sections. Rigid construction. Positive electrical contacts. Trimmers are rigid and retain their settings after adjustments. Bearings self-aligning and smooth as silk in action. Plates are of heavy aluminum. Shaft is of heavy brass. Cadmium plated steel frame. Bakelite insulation.



Stock No.	Gangs	Capacity	Shaft	Size	Shpg. Wt.	List	Your Cost
2H9900	2	.00038	1/4"	3 1/2 x 3 x 2 3/4"	2 1/2	2.75	98c
2H9901	3	.00034	1/4"	3 1/2 x 3 x 4 1/4"	3	3.50	1.15

Truest Special Value 4-Gang Tuning Condenser

Heavy cadmium plated steel frame. Aluminum plates, slotted for fine adjustment. Shaft 3/4" diam. ball bearing. From low min. to .00036 capacity. Flat mount type, threaded holes in bottom. Trimming condensers. Clock-wise shaft rotation. Size, fully opened 3 1/2 x 3 3/4 x 5 3/4" long. Shpg. Wt. 3 lbs.

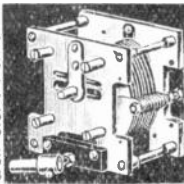
2H9905—List Price, \$5.00 Your Cost, Each \$2.10

National Equimeter Condensers

A very superior line of single section Variable Condensers of from 50 to 1000 MMF capacity. Heavy aluminum construction throughout with insulating insulation. Mounts to front panel by four studs and screws which are furnished.

(STRAIGHT WAVE LINE TYPE)

Stock No.	National No.	MMF	List	Your Cost
2N14325	50	50	\$2.50	\$1.47
2N14326	100	100	2.50	1.47
2N14327	150	150	3.00	1.77
2N14328	200	200	3.50	2.06
2N14329	250	250	3.50	2.06
2N14330	350	350	3.75	2.21
2N14331	500	500	4.00	2.35
2N14332	1000	1000	5.50	3.23



National Equicycle Condensers

(For Shortwave Receivers)

These Shortwave Condensers are of the straight line frequency type, 270 degree rotation. Built into rider frame. The spacing between plates has been doubled in the smaller sizes and a non-inductive pigtail added to insure positive and silent operation without detuning.

Shpg. Wt., about 1 lb. each.

Stock No.	Capacity	Plates	Spacing	List	Net
2N14333	.00015	3	.156	\$4.00	\$2.35
2N14334	.00005	9	.156	4.00	2.50
2N14335	.000075	11	.156	4.25	2.50
2N14336	.0001	15	.156	4.50	2.65
2N14337	.000125	19	.156	4.50	2.65
2N14338	.00015	9	.078	4.00	2.35
2N14339	.00025	17	.078	4.50	2.65
2N14340	.00035	23	.078	4.75	2.80
2N14341	.0005	31	.078	5.00	2.94

(Above Prices Do Not Include Dial)

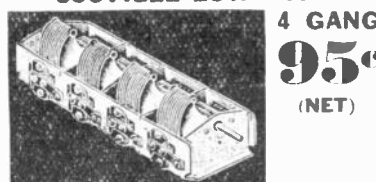


SCOVILLE GIANT CONDENSER

A very fortunate purchase enables us to offer our customers an unusual value in this high-grade four gang Variable Condenser. A big, sturdy unit, fully shielded between sections. Heavy steel construction, cadmium plated to prevent rust. Has holes for either upright or flat mounting. Clock-wise rotation. Improved equalizers. Heavy brass plates soldered to heavy cross brace which holds them rigidly in place. Self-aligning bearing smooth in action. Shaft 3/4" in diameter. Size, 3 1/2 x 4 3/4 x 8 5/4" long. Capacity .00035. One of the most amazing Condenser bargains we have ever offered. Shpg. Wt. 6 pounds.

2H9908—List Price, \$10.00 Your Special Price, \$1.75

SCOVILLE LOW TYPE



4 GANG
95¢
(NET)

An exceptional Condenser at a ridiculously low price. The construction is extra heavy with solid brass plate, securely soldered to sturdy brass spacer bar. Frame is cadmium plated to prevent rusting. Steel shaft 3/4" in diameter, heavy steel collars. Self-aligning bearings that provide smooth, easy rotation. Capacity .00035 mfd. Clockwise rotation. Flat mountings. Size, 3 1/2" wide, 3 3/4" high (fully opened) and 10" long. Shpg. Wt., 6 pounds.

2H9906—List Price, \$5.00 Your Special Price, 95¢

De-Jur-Amsco Varitors

Semi-Variable Condensers of the highest order. Single and Duplex Types. Used for coupling, neutralizing, trimming, tuning, RF bypass, grid stopping, plate blocking, etc. Shpg. Wt., 8 oz.

2H9706—Single Varitor. List Price, 50c Your Cost Each 29c

2H9707—Double Varitor. List Price, 80c Your Cost Each 40c



NATIONAL SE-100 CONDENSERS

The new National SE-100 Variable Condensers have been designed especially for shortwave work. 270 degree rotation. Conical plates, insulated from bearing. Conformer impedance pigtail. Single hole panel mounting. May also be mounted on bi-board. Shaft diameter 1/4 inch. Size, 1 1/2 x 1 3/4 x 2 inches. Standard size of 100 mmf., has 10 rotor and 10 stator plates, any of which may be readily removed to alter capacity to meet special circuit requirements. Shpg. Wt., 1 lb.

Stock No.	Cap'y	MMF	Rotation	Plates	List	Net
2N14342	100	270	Equicycle	3	\$3.75	\$2.21
2N14343	50	270	Equicycle	3	3.50	2.06
2N14344	100	180	Equitune	3	3.75	2.21
2N14345	50	180	Equitune	3	3.50	2.06

EDISON

2 & 4 Gang

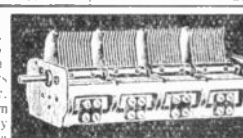
These are exceptionally fine condensers for the money. Should you buy them in the regular way of trade you'd pay a great deal more.

Cadmium plated steel frames. Aluminum plates. Heavy collars. Improved trimmers. TWO GANG. Size, 1 1/2 x 2 1/2 x 3 1/2". Shaft, 3/8". Shpg. Wt., 2 1/4 lbs. Capacity, .00035.

2H9910—Your Cost Each 70c

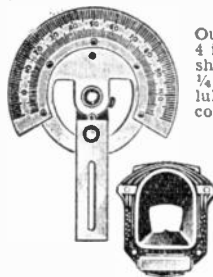
FOUR GANG. Size, 2 1/2 x 3 1/2 x 4 1/2". Shaft, 1/2". Cap'y, .00035. Shpg. Wt., 4 pounds.

2H9911—Your Cost Each 75c



Trutest

FAN TYPE DIAL and Escutcheon



Outside diameter dial 4 inches. For $\frac{3}{8}$ -inch shaft. Knob shaft $\frac{1}{4} \times \frac{1}{8}$ inch long. Celluloid scale. 0-100 counterclockwise. Has pilot light socket. Escutcheon plate 2 3/4 inches high. 2 3/4 inches wide. **2H9813**—Dial only. Each **49¢**
2H9814—Escutcheon Plate. Extra. Each **12¢**

Full Vision Dial for Long & Short Wave Work

High ratio dial for short wave receivers. 5 1/2 inches high, 3 3/4 inches wide. For $\frac{3}{8}$ -inch shaft. Knob shaft $\frac{1}{4} \times \frac{1}{8}$ inches. Celluloid scale 0-100 clockwise. Easy to mount. Shpg. Wt. 8 Oz. **2H9815**—Complete with Escutcheon plate 5 1/2 x 2 3/4 inches, and pilot light socket. **90¢**

2H9816—As above except with normal ratio for general broadcast work. Double friction drive. **75¢**
Your Cost Each.....



NEW IMPROVED DRUM DIAL

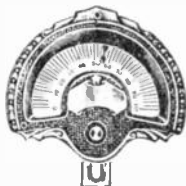
One of the best on the market. Extra heavy die cast white metal construction. Illuminated. Black celluloid scale 0-100 counterclockwise rotation. Size 5 1/2 inches high, 3 3/4 inches deep. 1 5/8 inches wide. Knob shaft $\frac{1}{4} \times \frac{1}{8}$ inches. Escutcheon size 3 7/8 x 4 inches. Shpg. Wt. 2 Lbs.

2H9809—Dial only for $\frac{1}{4}$ inch shaft. Each **70¢**
2H9810—Dial only for $\frac{3}{8}$ inch shaft. Each **70¢**
2H9811—Escutcheon extra. **17¢**
2H9812—Insulated Pilot Light Socket extra. Each **08¢**



Spot Light Full Vision Dial

The latest idea in dials. Spot light travels with pointer, making dial settings easier to read. For $\frac{3}{8}$ inch shaft. Size 4 1/2 inches wide, 3 3/4 inches high. Amber celluloid scale. 0-100 clockwise. Price includes pilot light socket. Shpg. Wt. 8 Oz. **2H9808**—Dial and Escutcheon, less bulb. Your Cost Each **67¢**



MIDGET DIAL and Escutcheon

Especially suitable for very small sets. Scale is 3 inches wide; escutcheon 2 1/2 x 2 1/4 inches high. Amber celluloid scale 0-100. For $\frac{3}{8}$ inch condenser shaft; knob shaft $\frac{1}{4}$ inch. Has pilot light socket but no bulb. **2H9807**—Complete with Escutcheon. **64¢**
Your Cost.....

NEW NATIONAL NW-6 DIAL



An improved precision dial that supercedes the famous National Velvet Vernier. Designed for laboratory and other apparatus where it is necessary to calibrate readings to 1/10 of a dial scale division. Solid German silver construction engraved with black figures. 5:1 ratio. For $\frac{1}{4}$ in. shaft. Diameter 6 inches. Shpg. Wt. 1 1/2 lbs.

Stock No.	Readings	List	Net
2H14360	100 to 0. 180	\$15.00	\$8.82
2H14361	150 to 0. 270	15.00	8.82
2H14362	200 to 0. 360	15.00	8.82

NATIONAL DIALS

Types G and H

In the National Velvet-Vernier Dials types G and H the scale is projected onto a ground glass screen on the dial opening by a brilliant illuminator. Figures greatly enlarged and easy to read from any angle. Rainbow types change color as dial is rotated. Beautiful burnished silver escutcheons. Size 00x00in. Shpg. Wt. 00 lbs.

Type G Disc Dial

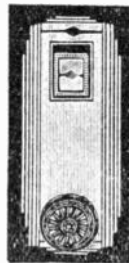
Designed for use when tuning condenser is at right angles to the front panel. Mono color, standard green.

2H14353—Counterclockwise. 0-100 **\$2.20**
180. List Price \$3.75. Your Cost.....
2H14354—Clockwise. 150-0, 270. **\$2.20**
List \$3.75. Your Cost.....

Type H Drum Dial

Employs the patented Drum Dial mechanism with its powerful non-conducting drive and spring take-up. Monocolor type, Green.

2H14355—Monocolor. Counter **\$2.94**
clockwise. List \$5.00. Your Cost.....
2H14356—Monocolor Clockwise **\$2.94**
100-0. List \$5.00. Your Cost.....
2H14357—Rainbow. Counter clock **\$2.24**
wise 0-100. List \$5.50. Your Cost.....
2H14358—Rainbow. Clockwise **\$3.24**
100-0. List \$5.50. Your Cost.....
2H14359—Monocolor 270 degree **\$2.94**
Clockwise 150-0. List \$5.00. Your Cost.....



NATIONAL Type E Disc Dial

Designed for those who desire an artistic and distinctive dial to drive the condenser at right angles to the front panel.

2N14350—Dual range 0-100-0. List \$2.75 **\$1.71**
Your Cost.....
2N14351—Clockwise 200-0. (reverse) **\$1.71**
List \$2.75. Your Cost.....
2N14352—National Type 28 Illuminator for above dial. Your Cost Each **30¢**

KURTZ-KASCH Bakelite Dials

Made of molded Bakelite. Requires only one hole for condenser shaft and two small holes to secure dial to panel for mounting. Ratio 100 to 1. Allows very fine tuning. Unexcelled for broadcast receivers as well as short wave work. No gears to strip and no backlash are its distinctive features. Fits $\frac{1}{4}$ in. shaft. Shpg. Wt. 6 oz.



Stock No.	Range	Size	Your Cost Ea.
2H9803	200-0	4 in.	\$5.9
2H9804	0-200	4 in.	.59
2H9805	100-0-100	4 7/8 in.	.59
2H9806	100-0-100	2 3/4 in.	.49

G.E. Mazda Pilot Bulbs

Tubular shape, miniature base.



Stock No.	Voltage	Each
2H12250	2.5	9¢
2H12251	3.2	
2H12252	6	
10 for		88¢

NATIONAL Precision Vernier Dial Type N



The four-inch solid German silver National Velvet-Vernier Dial, type N, has been developed for use in amateur and other radio equipment requiring the utmost precision in logging. Reading of one-tenth of a division are possible. Dial attaches to face of panel at three points, making accurate mounting very easy.

Stock No.	Read- ing	De- grees	List	Your Cost.
2H14363	0-100	180	\$6.50	\$3.82
2H14364	100-0	180	6.50	
2H14365	150-0	270	6.50	
2H14366	200-0	360	6.50	

NATIONAL Type "B" & "C" 4 in. Dials

Easily and quickly attached without special tools, fitted with beautiful Bakelite cover, equipped with variable ratio of 6-1 to 20-1. Both types are identical except Type "B" is without light and Type "C" includes illuminator and bracket.



TYPE "B"
2H14367—Clockwise (200-0) 360°. **\$1.47**
List \$2.50. Your Cost.....
2H14368—Dual range (0-100-0) **\$1.47**
180°. List \$2.50. Your Cost.....

TYPE "C"
2H14369—Clockwise (200-0) 360°. **\$1.76**
List \$3.00. Your Cost.....
2H14370—Dual range (0-100-0) **\$1.76**
180°. List \$3.00. Your Cost.....

TYPE BM-3 INCH DIAL
Similar in appearance and design to the Type B Dial except that diameter is 3 in. and it does not incorporate variable ratio feature. Especially adapted for small receiving and transmitting equipment where space is limited. Not illuminated.

2H14371—Dual Range (0-100-0). **\$1.18**
List \$2.00. Your Cost.....
2H14372—Clockwise (200-0). **\$1.18**
List \$2.00. Your Cost.....

NATIONAL TYPE "A" DIAL
The original National Velvet-Vernier Dial, with its smooth matchless mechanism, which gives perfect control for highly selective circuits. This development of a new form of gearless transmission permits a motion that is even and regular throughout its range. No backlash exists—

2H14373—3 in. Counter-clockwise **\$1.47**
(0-100) 180°. List \$2.50. Your Cost.....
2H14374—4 in. Counter-clockwise **\$1.47**
(0-100) 180°. List \$2.50. Your Cost.....
2H14375—4 in. Clockwise (200-0) **\$1.47**
360°. List \$2.50. Your Cost.....
2H14376—4 in. Clockwise (150-0) **\$1.47**
270°. List \$2.50. Your Cost.....



NEW RAINBOW Dial for Multiple Wave Receivers

Has wide celluloid strip divided into four colors and white for use on sets that are designed for operation on short or long wave bands in addition to the regular broadcast wave lengths. Due to the wide variety of applications this dial is suitable for it is not calibrated, but the celluloid strip is specially prepared so that it can be written upon with pen and ink. Heavy cast aluminum construction. Positive drive by means of linen belt. Low ratio makes tuning easy on short waves. 5 1/4 inches high. 4 inches deep; dial strip 1 1/4 inches wide. For $\frac{3}{8}$ in. condenser shaft, $\frac{1}{4}$ inch knob. Escutcheon 3 1/2 x 5 inches. Complete with pilot light socket, but no bulb. Shpg. Wt. 3 lbs. **\$1.75**
2H9817—Your Cost complete.....



PILOT SOCKETS



Set Builders Type
Perfect insulation.
Positive contact.
Made of composition.

2H10220—4 Prong
Each **10¢**
Your Cost Each **10¢**



Screw Type
Has screws for attaching to chassis or sub-panel.

2H10222—4 prong
Your Cost **15¢**
Each **15¢**
2H10223—5 Prong
Your Cost Each **15¢**

Universal Type

Mounts either above or below sub-panel.



2H10224—4 Prong
Your Cost **15¢**
Each **15¢**
2H10225—6 Prong
Your Cost Each **15¢**

Benjamin Sockets



The popular long life socket. Positive side-wiping connections. Molded Bakelite construction.

2M13110—4 Prong
Your Cost Each **29¢**
2M13111—5 Prong
Your Cost Each **35¢**

Wafer Type

For sub-panel mounting. Marked 226, 227, 224, 245, 247, 235, 250, 281, or 280. State marking wanted.

2M13070—Your Cost **06¢**
12 for **60¢**
2M13071—6 Prong for
new tubes. Each **08¢**
Per Dozen **85¢**



BINDING POSTS—KNOBS—SOCKETS— DIAL CABLES AND ACCESSORIES.



NEW EBY SOCKET

Has guide for tube prong. New and improved contact spring. Easy to mount either above or below wood, Bakelite or metal.

2M13072—4 Prong **16¢**
2M13073—5 Prong Each **22¢**
2M13076—6 Prong
(New Tubes). Each **22¢**

EBY Isolantite Sockets



Isolantite is a new snow-white material of very high insulating quality. Its low loss at high frequencies makes it the best material for sockets.

2M13074—4 Prong **20¢**
Your Cost Each **22¢**
2M13075—5 Prong
Your Cost Each **22¢**



EBY Twin Binding Posts

Bakelite strip. Brass posts. One marked "GND" other marked "ANT".
2M13025—Your Cost **11¢**
10 for **\$1.00**

EBY Triple Posts



Bakelite strip. Three posts marked "GND", "LONG ANT" and "SHORT ANT".
2M13029—Your Cost **16¢**

EBY SINGLE POSTS

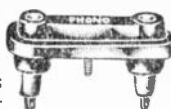


Insulated tops. brass post.

2M13027—"ANT"
2M13028—"GND"
Your Cost **5¢**
Each **50¢**
Per Doz. Metal Posts

For mounting on insulated panels. Not insulated.
2M13029—Each **06¢**
Per Dozen **60¢**

EBY TWIN JACKS



3 Types
Takes standard phone tips. Bakelite strip; mounting screw in center.
2M13030—"PHONO"
2M13031—"SPEAKER"
2M13032—"FIELD"
Your Cost Each **06¢**

Resistance Coupled Assembly



Genuine Lynch Resistance Deck. For resistance coupled amplifiers. Complete with five Eby UX sockets and resistance mounts, on a polished hard rubber panel, size, 6 in. x 12 in. The sockets alone would cost more if sold separately.
2M13129—Your Cost **59¢**
Special



EXTENSION CORDS

Tinsel Centers

Stranded tinsel conductor with double covering of cotton insulating braid. Not suitable for carrying heavy current. Intended for Speaker extension. Pin tips both ends.

Stock No.	Length	Your Cost
2N13946	10	\$0.14
2N13946	20	.16
2N13947	30	.24
2N13948	40	.30
2N13949	50	.35
2N13950	100	.70

Stranded Copper Wire Center. Designed for heavier usage than the Tinsel Type. Rubber insulation with outside covering of cotton braid. Pin Tip ends.

Stock No.	Length	Your Cost
2N13951	10	\$0.20
2N13952	20	.32
2N13953	30	.50
2N13954	50	.75

PHONE AND SPEAKER CORDS

Five foot double cord. Spade tips one end; straight tips other. Cotton braid cover.

2N13955—List 55¢
Your Cost Each **15¢**
As above with straight tips both ends.

2N13956—
Your Cost Each **15¢**
Five foot single cord with straight tips both ends.

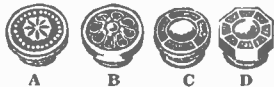
2N13957—List 35¢
Your Cost Each **09¢**

Extension Cord Connector



Has two openings at either end for inserting two pin tips. Very convenient for connecting above extension cords. Hard composition insulating material.
2M13051—
Each **09¢**
Per Dozen **85¢**

RADIO KNOBS

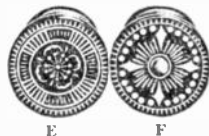


Beautifully turned and carved walnut knobs in two sizes. Far superior in design and workmanship to any we have ever offered. Have set screws for mounting on 1/4 inch shafts.

LARGE 1 1/4 in.

SMALL 3/4 in.

2H9860—(A)	2H9864—(A)
2H9861—(B)	2H9865—(B)
2H9862—(C)	2H9866—(C)
2H9863—(D)	2H9867—(D)
Your Cost 12¢	Your Cost 11¢
Each \$1.20	Each \$1.10
12 for \$1.20	12 for \$1.10



EXTRA FINE KNOBS

(E) An especially beautiful design. Made of molded Bakelite with covering of statuary bronze.

Large size only: 1 1/4 in.

2H9868—Per Doz. **\$1.40**
Your Cost Each **12¢**

(F) The very latest in Radio Knobs. Nothing like it before. Molded Bakelite with inlay of Jewelers enamel in beautiful colors. One size only: 1 1/4 in.

2H9869—Per Doz. **\$1.65**
Your Cost Each **15¢**

DRIVE CABLES, BANDS AND BELTS

For Standard Receivers

Make of Set	Model	Stock No.	Net
Atwater Kent	30	2H9820	\$0.23
Atwater Kent	55	2H9821	.23
Atwater Kent	35, 37	2H9822	.23
Atwater Kent	44	2H9823	.40
Atwater Kent	60, 61	2H9824	.40
Amrad	84	2H9825	.20
Bosch	48A	2H9826	.23
Bosch	58A	2H9827	.23
Bosch	58, 60	2H9828	.23
Balkett	All	2H9829	.23
Bremer-Tulley	14, 21	2H9830	.25
Brunswick	14, 21	2H9831	.14
Colonial	31, 32	2H9832	.14
Colonial	33, 34, 35, 37	2H9833	.30
Columbia	All	2H9834	.45
Crosley	40s, 60s, 804	2H9835	.45
Crosley	601, 602, 607	2H9836	.28
Emerson	All	2H9837	.28
Eveready	All	2H9838	.37
1st Nat'l	All	2H9839	.23
Freed Eisman	NR60	2H9840	.37
Freshman	2	2H9841	.27
Grebe	SK4	2H9842	.37
Kolster	*	2H9843	.23
Kolster	43, 44	2H9844	.23
Kellog	All	2H9845	.45
Majestic No. 1	70, 71, 72	2H9846	.45
Majestic No. 2	70, 71, 72	2H9847	.32
Peerless	All	2H9848	.23
Philco	All	2H9849	.27
RCA	16, 17, 18	2H9850	.55
RCA	46, 64, 67	2H9851	.27
RCA*	16, 17, 18, 33	2H9852	.27
Sparton	All	2H9853	.14
Steinle	All	2H9854	.27
Temple	All	2H9855	.27
		2H9856	.45

*Heavy cord with beads on ends; springs. *Linen cord.

Above prices apply for Belts, Cables or Cords complete. Two belts (L and R) are furnished for Atwater Kent, Columbia and Temple models. Three belts furnished for Atwater Kent models 44, 60, and 61.



Radio Convenience Outlets WITH STANDARD PHONE PLUG JACK MARKED "RADIO"

2F6404—Brass **53¢**
List 90¢

2F6405—Bakelite **53¢**
List 90¢

2F6406—Brass **53¢**
List 90¢

2F6407—Bakelite **53¢**
List 90¢

2F6408—Brass **\$1.03**
List \$1.15

2F6409—Bakelite **\$1.47**
List Price \$2.50

2F6410—Brass **\$1.18**
List Price \$2.00

2F6411—Bakelite **\$1.18**
List Price \$2.00

2F6412—Brass **\$1.18**
List Price \$2.00

2F6413—Bakelite **\$1.18**
List Price \$2.00

2F6414—Brass **\$1.18**
List Price \$2.00

2F6415—Bakelite **\$1.18**
List Price \$2.00

2F6416—Brass **\$1.18**
List Price \$2.00

2F6417—Bakelite **\$1.18**
List Price \$2.00

COILS - SHIELDS - ACCESSORIES

HIGH-GAIN R. F. COIL ENAMEL WIRE WOUND

Antenna Coil

This coil is wound accurately with the finest enamel wire. It has a lattice wound primary on a collar which slips over the secondary winding and is peaked properly to prevent detuning the antenna stage by variations in antenna lengths. For use with .00035 mfd. condenser. Bakelite coil form $\frac{7}{8}$ inch O.D. x $2\frac{3}{4}$ inches long.



R. F. COIL

This R. F. or Interstage Coil is used in tuned radio frequency circuits. Owing to their unique method of winding this coil DX signals are a possibility. Accurately made from the finest enamel wire. For use with .00035 mfd. condenser. Size, $\frac{7}{8}$ inch O.D. x $2\frac{3}{4}$ inches long.

MATCHED SET OF THREE
1 Antenna Coil, and 2 R. F. Coils.
2H10054—Your Cost per set..... **75¢**

SHORT WAVE OCTOCOILS



Octocoils are unquestionably the finest short wave coils ever designed. They are moulded

in genuine bakelite. Will plug into the ordinary tube socket. Has a rugged rim to grasp coils so they will not break. Size, $3\frac{3}{8}$ inches high by $1\frac{1}{4}$ inches diameter. Complete set of four coils to cover wave length range from 16 to 200 meters. Tunes with .00015 mfd variable condenser.

2H10053—List, \$5.00 **\$2.95**

Your Cost per set.....
Broadcast Coil, Range 200 to 520 meters.
2H10052— **79¢**

RCA-RADIOLA CATACOMBS



For Radiola Models 24, 26, V111. Part No. 8150. Six Tube Receivers.

2C2176—
For Model 25—Six Tube.
2C2177—Part No. 8111.
For Models 28, 30, 30A, 32.
2C2178—RCA No. 8118. Shpg. Wt. **\$3.25**
8 lbs.. Your Cost, either type.....

ISOLANTITE S. W. COIL FORMS



New type of plug-in coil form affording maximum efficiency at high frequencies. Isolantite material is known to science to be the finest for high frequency work. The form is equipped with a black enameled grip handle. Surface of form is "non-skid". Plenty of wire holes. Makes drilling unnecessary. Size, $1\frac{1}{2}$ ins. in diam by $2\frac{1}{2}$ ins. high. exclusive of knob and prongs.

2H10056—4 Prong Form Your Cost
2H10057—5 Prong Form Each **58¢**
2H10058—6 Prong Form

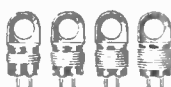
TRUTEST COIL FORMS

For Short Wave or broadcast band coils. Contacts of coil forms fit into any standard 4 or 5 prong tube socket. Has moulded ridge on top for ease of grasp. Choice of 4 colors, yellow, blue, red and green. State color when ordering.



2H10060—1 Prong **17¢**
Your Cost, Each.....
2H10061—5 Prong **18¢**
Your Cost, Each.....
Set of Four 4 prong forms **60¢**
Your Cost per set.....
Set of Four 5 prong forms **65¢**
Your Cost per set.....

Air-King S. W. Coil Kit

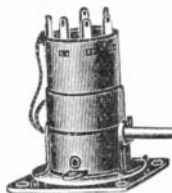


A reasonably priced short wave plug-in coil set for circuits needing high amplification with low loss. Forms of bakelite.

Handles engraved with coil number. Four coils cover range from 15 to 210 meters when used with a .0001 mfd condenser. Excellent for the short wave fan. Shpg. Wt., 3 lbs. **\$1.47**

2H10070—Your Cost, per set.....

KOLSTER VARIOMETER

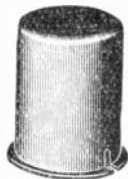


For replacement in Kolster Models K-20, 22, 25, 48A, 48B. Our stock constitutes the last there are to be had of these official Kolster Variometers. They are in brand new condition. Replacing a new Variometer in a Kolster receiver very often improves the reception considerably. Stock a few.

2H10050—List, \$6.00 **49¢**
Your Cost, Special.....

NATIONAL COIL SHIELD

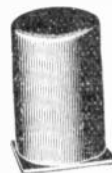
A rugged Aluminum coil shield. Base is drilled for wire connections. Top shield fits on base by means of two set screws. Size, $3\frac{3}{4}$ ins. high. 3 ins. diam.



2H10062—Your Cost, Each **30¢**

NATIONAL COIL SHIELD

One of the most popular coil shields made. One piece, rugged aluminum, die-drawn. Size, $3\frac{3}{4}$ inches high. $2\frac{1}{2}$ inches diam. Mounting flange, holes space, $2\frac{1}{8}$ inches.



2H10063—Your Cost, Each..... **21¢**

NATIONAL TUBE SHIELD

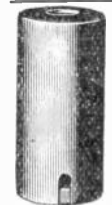
Regulation Aluminum Tube Shield. Perforated for air circulation. A finished product by National. Size, $4\frac{1}{2}$ inches high. 2 inches diam. Removable top and bottom bases. For all types of R. F. tubes.



2H10064—Your Cost, Each..... **18¢**

TRUTEST TUBE SHIELD

A beautifully finished tube shield. For all types of R. F. tubes. Three slots on bottom of shields for direct wiring. Size, $4\frac{3}{8}$ ins. high. $2\frac{1}{8}$ ins. in diameter. Removable base.



2H10065—Your Cost, Each..... **12¢**
Per Dozen—Your Cost..... **\$1.35**

TRUTEST TUBE SHIELD

A two-piece tube shield, made of the finest aluminum. Perforated at top and bottom. Second section has slot for Screen grid wire. Mounted by means of screw-lugs furnished with each shield. Size, $5\frac{1}{8}$ ins. high. $1\frac{7}{8}$ inches diameter.



2H10066—Your Cost..... **13¢**
Per Dozen—Your Cost..... **\$1.40**

TRUTEST SPECIAL TUBE SHIELD

Complete, copper-plated finished tube shield. Removable top and bottom base. Size, 5 inches high. $2\frac{1}{4}$ inches diameter. Perforated for ventilation. Very popular shield, at a low price.



2H10067—Your Cost, Each..... **12¢**
Per Dozen..... **\$1.20**

DUO LATERAL HONEYCOMB COILS



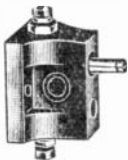
Mounted Duo Lateral Honeycomb Coils that can be used for broadcast and long-wave reception. Note.—50 mmf is assumed to be the minimum capacity of the 17 Plate condenser plus the parasitic capacity of the wiring of the circuit. Also 75 mmf to be the minimum of the 23 plate condenser.

No.	Turns	Capacity range of condenser in Micro-Micro Farads.		350 mmf. wavelength in meters		500 mmf. wavelength in meters		Your Cost
		Min.	Max.	Min.	Max.	Min.	Max.	
2H10000	25	80	220	100	260	100	260	.84
2H10001	50	160	430	200	510	200	510	.90
2H10002	75	240	620	290	750	290	750	.95
2H10003	100	310	830	380	990	380	990	.99
2H10004	150	480	1360	590	1500	590	1500	1.02
2H10005	200	650	1690	780	2000	780	2000	1.05
2H10006	300	980	2630	1200	3100	1200	3100	1.10
2H10007	400	1300	3500	1600	4120	1600	4120	1.14
2H10008	500	1700	4400	2000	5300	2000	5300	1.32
2H10009	750	2500	6500	3020	7800	3020	7800	1.65
2H10010	1000	3400	8800	4100	11500	4100	11500	1.72
2H10011	1250	4400	10400	5300	13500	5300	13500	1.98
2H10012	1500	6400	14000	6500	16500	6500	16500	2.31

Coil Plug Receptacle

Single mounting receptacle, fits all above type honeycomb coils. Perfect contact.

2H10015—Your Cost each..... **65¢**



TELEVISION COIL KIT

Made expressly for Television signals. Covering the band from 100 to 212 meters, when used with 00015 mfd. tuning condensers, these are plug-in coils that bring results. Complete set of 2 coils: 2 R. F. and 1 Detector coil. Wound with genuine Litz Wire. Size, $1\frac{1}{4}$ inches diameter. $2\frac{1}{4}$ in. high.



2H10059—Your Cost, Per Set..... **\$1.50**

VICTOR R. F. COILS



Used in Victor Models R-32, RE-75 receivers. Size, $1\frac{1}{2}$ x $2\frac{1}{4}$ ins. high. Complete set of coils, 1 antenna, 3 R. F. coils. Tunes with .00035 mfd. condenser.

2H10055—Your Cost per set..... **45¢**

POPULAR COIL SHIELD

A widely and popular used coil shield. Made of heavy die-drawn aluminum. Can be used with all types of coils. Size, $3\frac{3}{4}$ ins. high. 3 ins. diam. Can be mounted by means of angle brackets.



2H10068—Your Cost Each **6¢**
In dozen lots..... **60¢**

GREBE COIL SHIELDS



Same type as used in Grebe receivers. Equipped with mounting brackets. Size, 4 ins. high by $2\frac{1}{4}$ ins. in diameter. Has one hole in top for screen grid lead, and one on side at bottom.

2H10069—Your Cost, Each..... **12¢**
Lots of Ten—Your Cost..... **\$1.00**

SUPER-HET. COIL KIT Pre-Selector Coil

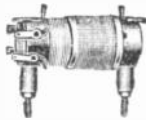


This coil is commonly used as a Band Pass unit in conjunction with a four gang Super-Het. circuit, and is composed of an Antenna and an Interstage secondary only linked together by an over-all sleeving. Size, $4\frac{1}{2}$ ins. long, $\frac{7}{8}$ inch diam. Tunes with .00035 mfd. variable condenser.

2H10073—Your Cost

93¢

Oscillator Coil



A Super-Het. Oscillator coil for use in circuits requiring a shielded oscillator unit. The coil is wound on a $\frac{7}{8}$ in. O.D. x $2\frac{1}{2}$ in. long bakelite tube having a silk covered solenoid tickler winding and a pick up or cathode winding space wound over the entire length of the bank wound secondary on a sleeve. Termination of all leads are made to doublet soldering lugs, and coil is provided for horizontal mounting. Supplied without shield.

2H10074—Your Cost, Each

55¢

"I. F." Transformers



An "I. F." Unit for use in circuits requiring exceptionally high gain in the I. F. system. The coils are wound with Litz wire and coupled together at optimum by correct angle of rotation. Trimming condensers are 70-140 MMFD. and have a capacity of approx. 85 MMFD. when the unit is peaked at 175 K.C. The unit is housed in a shield $2\frac{1}{2}$ ins. O.D. x $3\frac{1}{2}$ ins. high, to which lug screws are attached for mounting the complete assembly. The unit is adjustable from the top and has full length installation leads.

2H10075—Your Cost

98¢

COMPLETE KIT of: 1 Pre-Selector Coil, 1 Oscillator, and 2 "I. F." Transformers.

2H10076—Your Cost, per set.

\$3.35

ANTENNA COIL



This coil is a two bank Litz wire coil wound on a bakelite coil form $\frac{7}{8}$ in. O.D. x $2\frac{1}{2}$ ins. long. It has a lattice wound primary on a collar which slips over the secondary winding and is peaked properly to prevent detuning the antenna stage by variations in antenna lengths. The complete ring is provided to prevent loss of energy at the higher frequencies and facilitates in the phasing of the antenna with the interstage. The coils are provided in all inductances to tune the broadcast band and can be had either in vertical or horizontal mounting. It is adaptable for use as an Antenna Stage for tuned R. F. or Super-Heterodyne receivers.

2H10077—Your Cost

55¢

Translator Coil Assembly

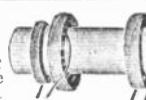


The Translator Unit is an Assembly of two separate coils end to end, secured by an over-all sleeving. The detector R. F. section is identical in construction to the Inter-Stage coil, and the oscillator section is a two bank Litz wire secondary, and a plain solenoid tickler winding. The Assembly is for use unshielded with Super-Het. Variable condensers with special oscillator section. The secondary inductance value being of current relationship to each other to track uniformly at a difference of 175 K.C. across the broadcast band. The unit as assembled is $\frac{7}{8}$ in. O.D. x $4\frac{1}{2}$ ins. long.

2H10078—Your Cost

95¢

PRE-SELECTOR COIL



A very efficient low cost pre-selector coil, lattice wound of heavy Litz wire. Considerable attention was given to the type and spacing of the winding to keep the distributed capacity as low as possible. The form is dehydrated wax maple and has a .106 hole in one end for mounting to the chassis with a $\frac{1}{8}$ machine screw. The coil is used as a band pass for Super-Het. circuits. The unit has a high impedance antenna primary, and is stable in operation.

2H10079—Your Cost

45¢

Trutest "I. F." Transformers



Made in two Standard broadcast designs, "F" and "S". Type "F" is a sharply tuned filter unit; used to secure selectivity by means of a copper shield between primary and secondary. The two coils have inductances of 6 mh., and are individually tuned by capacities variable from 70 to 140 mmf. Type "S" is a broadly tuned unit, voltage amplification drop at 5 kc off resonance is only 3 db. Gain of 16 db over type "F". Capacity and inductance values same as type "F". Tunable between 163-185 kc. Designed to peak at 175 kc. Average Super-Hets use one of type "F" and one or more of type "S". Silk covered wire Fully shielded. Size, 3 ins. high, $2\frac{1}{2}$ ins. diameter. Mount upright or inverted. Shpg. Wt. 1 lb.

2H10095—Type "F"

2H10096—Type "S"

Your Cost, Each

90¢

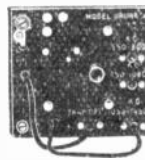
S. W. DEJUR-AMSCO TRANSISTOR

Identical to above in appearance with exception that soldering lug terminals are used in place of wire leads. A Special short-wave intermediate frequency transformer, designed for peaking at 465 kc., altho adjustments from 430 to 470 kc. can be made. Fully shielded in drawn aluminum shield. Size, $2\frac{1}{2}$ ins. high, $2\frac{1}{2}$ ins. diameter. Shpg. Wt. 1 lb.

2H9709—Your Cost, Each

\$1.10

RCA-RADIOLA WAVE TRAP



Designed and made by RCA to increase selectivity of RCA Models 17 and 18. They do so with unusual success. May be also applied to ANY SET with equal effectiveness. For separating stations, eliminating interfering programs, to reduce static; this wave-trap has no equal. Complete instructions for its simple installation are furnished in each carton. Shpg. Wt. 1 lb.

2Q1675—Your Cost, Each

39¢

In Lots of Ten

\$3.50

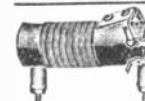
Untuned Assembly

A combination of a self tuned bi-filter transformer peaked at 550 K.C. and a detector plate choke coil which finds popular use as an additional Radio frequency stage in 4, 5, and 6 tube receivers both for home use and automobile receivers. Since no external tuning is required the only additional expense involved is for the Assembly itself and extra tube. The unit is to provide for single hole mounting and shield may be readily removed to facilitate installation. Size, $1\frac{1}{2}$ ins. high x $1\frac{1}{2}$ ins. diam. Increase the volume and distance ability with this Assembly in your receiver.

2H10094—Your Cost

55¢

R. F. Inter-Stage



Litz-wire wound. Used as the Interstage R. F. coil in T.R.F. and Super-Het. circuits. Wound on a $\frac{7}{8}$ in. x $2\frac{1}{2}$ ins. bakelite coil form. Primary winding is of high impedance lattice wound type placed at zero coupling inside the secondary form and peaked at approximately 550 K.C. to provide increased signal strength at the point of the band and is equipped with a low loss mica coupling condenser between the plate and grid terminals to improve the 1500 K.C. signal strength, this providing a uniform amplification gain across the entire broadcast band. Bank wound Litz wire plays an important part in the gain of impedance coupled R. F., and the extreme sensitivity obtained in receivers employing these coils has made them very popular for Midget and Automobile sets.

2H10093—Your Cost

55¢

LOADING COIL

Wound with Litz wire, finds application as a long wave loading coil, when used in series with broadcast coils to extend the band to include the long wave lengths or can be used with a tightly coupled primary as an R. F. transformer for the lower frequencies.

2H10092—Your Cost, Each

40¢

TRUTEST SUPER-HET KIT Litz Wire Antenna Coil



Litz-wire wound in lattice fashion, affording a highly efficient unit. For use with .00035 mfd. condenser. Ideal for Midget Super-Het. sets. Size, $2\frac{1}{2}$ ins. long, $\frac{7}{8}$ inch in diam.

2H10080—Your Cost, Each

50¢

Litz Wire Osc. Coil

Bank-wound of Litz-wire, lattice fashion, with the mixing coil coupled at the correct distance from oscillator winding. This unit has a high impedance primary. Size, $4\frac{1}{2}$ ins. long, $\frac{7}{8}$ in. in diam.

2H10081—Your Cost, Each

90¢

KIT of 1 Antenna Coil, and 1 Oscillator Coil perfectly matched.

2H10082—Your Cost, per set.

\$1.35



CONOID COILS

Conoid R. F. Coils are fully shielded and self-supporting in a copper container. Suitable for portable, Midget and Automobile receivers. Removable bases on shields for ease of mounting, either panel or sub-panel. Operates with .00035 mfd. condenser. Soldering Lugs marked with their respective connections. Size, $2\frac{1}{2}$ ins. diam, $1\frac{1}{2}$ ins. high.

2H10083—Antenna Coil

2H10084—R. F. Coil

Your Cost, either type.

45¢

Matched Set of THREE

1-Antenna Coil, 2-R. F. Coils.

2H10085—Your Cost, per set.

\$1.10

Matched Set of FOUR

1-Antenna Coil, 3-R. F. Coils

2H10086—Your Cost, per set.

\$1.50

TRUTEST SHIELDED R. F. COILS

Highly sensitive shielded R. F. coils for use with all types of S. G. tubes, using .00035 mfd. condenser. Ant. Prim. 14 turns of No. 28 D.E.C. R. R. prim. 31 turns of No. 31 En. wire. All secondaries, 130 turns No. 30 En. wire. Removable top shield from base for ease of wiring and mounting. Size of coil, $\frac{7}{8}$ in. in diam, 2 ins. high. Size of shield $2\frac{1}{4}$ ins. in diam., $2\frac{1}{2}$ ins. high.



Matched Set of THREE

1-Antenna Coil, 2-R. F. Coils.

2H10087—Your Cost, per set.

85¢

Matched Set of FOUR

1-Antenna Coil, 3-R. F. Coils.

2H10088—Your Cost, per set.

\$1.10



SHIELDED R. F. COILS

This special coil has been developed to fill a demand for a very small R. F. coil, the efficiency of which is not hampered by the small size. It requires a mounting space of only, $1\frac{1}{8}$ ins. in diam, and $2\frac{1}{4}$ ins. high. The secondary is bank wound with Litz wire, resulting in a coil of exceptional high gain (62.5 at 1500 K.C. and 42.5 at 550 K.C.). The low R. F. resistance due to the bank wound "Litz" wire extends the range of the unit and with any good condenser of correct minimum, a band from approximately 1700 K.C. (Police signals) to 550 K.C. can be effectively tuned. Use .00035 mfd. condenser.

ANTENNA COIL

2H10089—Your Cost,

either, type, each

R. F. COIL

2H10090—Your Cost,

either, type, each

48¢

LONG WAVE R. F. COIL

A very recent development in coil winding for long wave transformers or any application requiring large inductance values. Banked four deep, producing a coil of exceptional efficiency for tuning at frequencies lower than the broadcast band. Range, 550 meters to 1200 meters with a .00035 mfd. condenser, up to 2000 meters with a .001 mfd. condenser. Size, $2\frac{1}{2}$ x $1\frac{1}{4}$ inches.

2H10091—Your Cost

70¢

National Plug-in Inductances

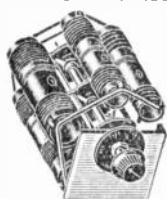


**For SHORT WAVE—TELEVISION
—BROADCAST and LONG WAVE
—RECEPTION**

These coils are moulded of the new low-loss coil material, expressly designed for short-wave and television reception. These coils are for use in all National "Thrill Boxes" and Lafayette "Wide World" Receivers. The Special Amateur Band Spreading coils are designed so as to permit 50 dial division spreading on the Amateur and Television meter bands. The UX, UY, and Special SIX prong forms are available.

Stock No.	Coil No.	Meter Range	Your Cost	Special Amateur and Television Coils	Stock No.	Coil No.	Band	Your Cost
2N14400	10	9-15	\$3.23		2N14412	11-A	20	\$3.81
2N14401	11	14-25	2.94		2N14413	13-A	40	3.81
2N14402	12	23-41	2.94		2N14414	14-A	80	3.81
2N14403	13	40-70	2.94		2N14415	14-B	85	3.81
2N14404	14	65-115	2.94		2N14416	15-A	160	3.81
2N14405	15	115-200	3.23		2N14417	15-T	Television	3.81
2N14406	16	200-360	3.23		2N14418	4 Prong		
2N14407	17	350-550	3.23		2N14419	5 Prong		
2N14408	18	550-850	3.23		2N14420	6 Prong		
2N14409	19	850-1200	3.81		Your Cost, Each			58¢
2N14410	20	1200-1500	3.81		2N14421	6 Prong Socket		44¢
2N14411	21	1500-2000	3.81		Your Cost			

TRUTEST SUPER-HET. SHORT WAVE CONVERTER COIL ASSEMBLY



An assembly of short-wave coils and a low capacity switch, eliminating the inconvenience of plug-in coils. Just a turn of the switch enables choice of the 10-20, 20-40, 40-80, and 80-200 meter bands. This Unit is designed to be used with a two tube circuit consisting of a first detector and an oscillator. The output then may be fed to a standard T.R.F. or a Super-het. 200-550 meter broadcast receiver. This completes a combination of a very efficient short-wave Super-het. receiver, plus the regular broadcast receiver. Circuit is so arranged that all power can be furnished by the regular broadcast receiver. Each assembly equipped with knob and escutcheon plate marked with wavelength. Designed for use with a 2 gang .00014 mfd. condenser. Diagram of hook-up furnished free with each Unit.



2H10104—Your Cost.....**\$3.75**
Selector Switch, same as used in above Unit, may be purchased separately. Consisting of a three pole, four position switch, with shaft; knob and escutcheon plate included.
2M12949—Your Cost.....**\$1.75**

Radio Frequency Chokes

TRUTEST



These R.F. chokes are lattice wound, mounted, easy to fasten down. For all circuits and receivers.
8 Millihenries
2H10100—Your Cost.....**19¢**
16 Millihenries
2H10101—Your Cost.....**24¢**
For Short Wave Work, 5.5 millihenries.
2H10102—Your Cost.....**18¢**

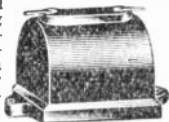
NATIONAL



90 Millihenries. Multi-section winding makes this choke suitable for both short and broadcast work. Very compact, built as to fit into any standard grid-leak mounting. Shpg. Wt., 6 oz.
2N14422—Your Cost.....**74¢**
Short-wave choke, National No. 92.
2N14423—Your Cost.....**42¢**

SAMSON

Helical winding gives inimitable operation as a choke over an unusually wide band of frequencies. Fully mounted and sealed against moisture. Compact in size. 85 Millihenries



2H10097—Your Cost.....**85¢**
125 Millihenries
2H10098—Your Cost.....**98¢**

Samson Unmounted

Same construction, helical winding, as the mounted type directly above. Has moisture proof coating.
85 Millihenries
2H10099—Your Cost.....**49¢**
125 Millihenries
2H10103—Your Cost.....**69¢**



HAMMARLUND

Genuine helical winding, in a moulded form. Large inductance with minimum of distributed capacity. For plate circuits and grid returns. Will pass 60 M.A. 85 Millihenries, a capacity of 3 mmf. D.C. res. of 215 ohms.
2H8525—Your Cost.....**\$1.17**
250 Millihenries, a capacity of 2 mmf. D.C. res. of 420 ohms.
2H8526—Your Cost.....**\$1.32**



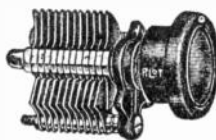
Hammarlund Shielded—Polarized



A shielded, polarized R. F. choke coil, for high-gain screen-grid receivers. Thoroughly shielded in an aluminum shell.
2H8527—Your Cost, each **88¢**

PILOT PRODUCTS

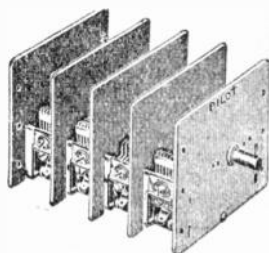
Midget Condensers



Designed for easy mounting, has a Bakelite frame and rigid brass plates. Types for neutralizing R.F. amplifiers, antenna coupling, tuning verniers, regeneration control, and short wave tuning circuits. The depth behind panel ranges from 1 inch to 1 3/4 inches depending upon the capacity, with a 1/4 inch shaft.

2H10204—.000015 mfd. Your Cost.....**49¢**
2H10205—.000025 mfd. Your Cost.....**49¢**
2H10206—.000050 mfd. Your Cost.....**54¢**
2H10207—.000100 mfd. Your Cost.....**59¢**

Shielded Variable Condensers

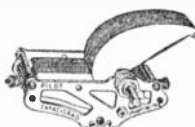


These condensers, of .00032 mfd. max. per section, are made with one, two, three, and four sections. The shields measure 4 1/2 x 3 3/4 inches. The four types are 1 1/2, 3, 4 1/2 and 6 inches in length, respectively, with a 1/4 inch shaft. Rugged construction of the Precision Type condensers makes them particularly suited for calibrated circuits, test oscillators, and laboratory set-ups.

2H10200—1 Section Your Cost.....**\$1.03**
2H10201—2 Sections Your Cost.....**\$1.96**
2H10202—3 Sections Your Cost.....**\$2.94**
2H10203—4 Sections Your Cost.....**\$3.92**

CENTRALINE

Variable Condensers



Centraline series is for modified straight line frequency. They are recommended for Short Wave receivers as it has extra spacing between the plates. Supplied with mounting feet and removable shafts. Because of their reversible feature, they can be mounted on either clockwise or counter clockwise dials. They mount in a single hole and can be secured against turning by additional panel screws. Two or more can be ganged together by means of a long 1/4 inch shaft, or by a coupling. Connection to the rotor plates is made by a brass pigtail which insures noiseless contact.

2H10216—.00016 mfd. Your Cost.....**\$1.04**
2H10217—.00025 mfd. Your Cost.....**\$1.04**
2H10218—.00035 mfd. Your Cost.....**\$1.09**
2H10219—.00050 mfd. Your Cost.....**\$1.24**

Insulated Coupling

This insulated flexible coupling is made for a 1/4 inch shaft. It is very rugged, and can carry a heavy mechanical load.



2H10209—Your Cost, Each.....**25¢**

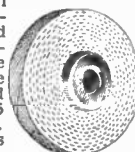
Center-Tap Resistors



Can be connected directly across the filament posts of the tube sockets, size, only 1 1/2 inches long. Will save considerable wiring. They obviate the necessity for center taps on the filament windings of the power transformer, and keep the hum in an A.C. receiver at a minimum.
2H10210—10 ohms. 2H10211—20 ohms. 2H10212—50 ohms. 2H10213—75 ohms. Your Cost, Each type.....**15¢**

R. F. CHOKES

Universal wound, 18 millihenry uncased R. F. choke, designed for use in the plate circuit of 2nd detector in 175 K. C. super-hets. 1 1/2 x 1/4 inches deep.



2H10214—Your Cost.....**30¢**



A 30 millihenry radio-frequency choke coil for general use in short wave and regular broadcast receivers. Its choking effect extends from about 15 meters up to 600, its distributed capacity being very low. Dimensions: 1 1/2 ins. high, 1 inch diameter.

2H10215—Your Cost.....**74¢**

Super Wasp Coils



For use in a straight regenerative circuit using a .00016 mfd. variable condenser tuning the secondary. Five coils are used to cover the 17-485 meter range as follows: Red Handle, 17-30 meters; Orange, 30-52 meters; Yellow, 48-105 meters; Green, 93-202 meters; Blue, 230-485 meters.

2H10208—Your Cost, per set of 5.....**\$4.36**
Any Single Coil.....**88¢**

A COMPLETE LINE OF PILOT PARTS AND SETS AVAILABLE AT SPECIAL PRICES.

RADIO HARDWARE

NICKEL PLATED BRASS SCREWS

Round Head Machine Size 6/32

Stock No.	Length	Doz.	Gross
2P14750	1/2" Inch	3c	32c
2P14751	3/4" "	4c	42c
2P14752	1" "	5c	55c
2P14753	1 1/4" "	6c	65c
2P14754	1 1/2" "	8c	90c

6/32 FLAT HEAD MACHINE SCREWS

Stock No.	Length	Doz.	Gross
2P14760	1/2" Inch	3c	32c
2P14761	3/4" "	4c	42c
2P14762	1" "	5c	55c
2P14763	1 1/4" "	6c	65c
2P14764	1 1/2" "	8c	90c

6/32 OVAL HEAD MACHINE SCREWS

Stock No.	Length	Doz.	Gross
2P14770	1/2" Inch	3c	32c
2P14771	3/4" "	4c	42c
2P14772	1" "	5c	55c
2P14773	1 1/4" "	6c	65c
2P14774	1 1/2" "	8c	90c

Nickel Plated Brass Wood Screws



Round Head

Stock No.	Size	Length	Doz.	Gross
2P14780	4	3/4" Inch	5c	50c
2P14781	5	1" "	5c	54c
2P14782	5	1 1/4" "	6c	70c
2P14783	5	1 1/2" "	8c	90c

OVAL HEAD N.P. BRASS WOOD SCREWS

Stock No.	Size	Length	Doz.	Gross
2P14790	4	3/4" Inch	5c	50c
2P14791	5	1" "	5c	54c
2P14792	5	1 1/4" "	6c	70c
2P14793	5	1 1/2" "	8c	90c

FLAT HEAD N.P. BRASS WOOD SCREWS

Stock No.	Size	Length	Doz.	Gross
2P14796	4	3/4" Inch	5c	50c
2P14797	5	1" "	5c	54c
2P14798	5	1 1/4" "	6c	70c
2P14799	5	1 1/2" "	8c	90c

MACHINE SCREW Nut & Washer Assortments

Each assortment contains 12 Oval Head Machine Screws, 12 Nuts and 12 Washers. Brass nickel plated. Shpg. Wt., 6 ounces.

2P14800—6/32x1/2 inch.	10c
2P14801—6/32x3/4 inch.	10c
2P14802—6/32x1 inch.	10c
Your Cost per box.	10c

COMPLETE HARDWARE for Shortwave and Radio Receivers

This assortment is composed of Machine Screws, Wood Screws, Hex Nuts, Brass Washers, Fibre Washers, Rubber Grommets, Terminal Lugs, Screen Grid Caps, Fibre Pieces and Fibre Bushings. Approximately 225 pieces to the box. An ideal assortment for set builder and experimenter. Shpg. Wt., 1 pound.

2P14803—Your Cost Each... **95c**

HEX NUTS, Knurled NUTS and WASHERS



N.P. Brass

2P14804—6/32x1/4 in. Hex Nuts. Envelope of 20; Net... **5c**

Per 100... **20c**

2P14805—6/32x3/4 in. Hex Nuts. Envelope of 20; Net... **5c**

Per 100... **20c**

2P14806—6/32x5/16 in. Hex Nuts. Envelope of 15; Net... **5c**

Per 100... **25c**

2P14807—8/32x5/16 in. Hex Nuts. Envelope of 15; Net... **5c**

Per 100... **25c**

2P14808—6/32x3/8 inch Knurled Nuts. Envelope of 6; Net... **5c**

Per 100... **75c**

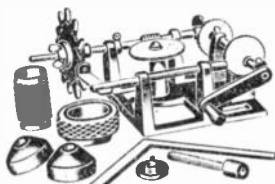
2P14809—No. 6 Washers. Envelope of 25; Net... **5c**

Per 100... **20c**

2P14810—No. 8 Washers. Envelope of 25; Net... **5c**

Per 100... **20c**

MORRIS UNIVERSAL COIL WINDER



2P14725—List, \$7.50

\$4.40

Your Cost Each

This handy machine will wind Honey Comb, Spiderweb, or Solenoid coils of various widths and diameters, from any gauge wire in general use for coils. An ideal machine for experimenters and amateurs for the purpose of fabricating coils to special specifications. Does a neat, workmanlike job equal in appearance to factory made coils. Includes all accessories necessary for winding the various types. Has recorder and indicator that counts turns. Black enamel finish. Shpg. Wt., 4 lbs.

Tinned Brass and Copper Lugs



2P14811—Style 1. No. 6 hole. Your Cost per 100... **19c**

2P14812—Style 1. No. 8 hole. Your Cost per 100... **19c**

2P14813—Style 2. No. 8 hole. Your Cost per 100... **19c**

2P14814—Style 3. Solderless. No. 8 hole. Your Cost per 100... **19c**

2P14815—Style 4. 3/4 inch long. No. 6 hole. Your Cost per 100... **19c**

2P14816—Style 4. 3/4 inch long. No. 8 hole. Your Cost per 100... **19c**

2P14817—Style 5. 7/8 inch long. No. 6 hole. Your Cost per 100... **19c**

2P14818—Style 5. 7/8 inch long. No. 8 hole. Your Cost per 100... **19c**

2P14819—7/8 inch long. No. 6 hole. Your Cost per 100... **20c**

2P14820—7/8 inch long. No. 8 hole. Your Cost per 100... **20c**

2P14821—3/4 inch Washer. No. 6 hole. Your Cost per 100... **25c**

2P14822—3/4 inch Washer. No. 8 hole. Your Cost per 100... **25c**

2P14823—3/4 inch Washer. No. 8 hole. Your Cost per 100... **25c**

2P14824—3/4 inch Washer. No. 8 hole. Your Cost per 100... **25c**

2P14825—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14826—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14827—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14828—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14829—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14830—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14831—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14832—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14833—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14834—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14835—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14836—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14837—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14838—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14839—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14840—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14841—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14842—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14843—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14844—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14845—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14846—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14847—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14848—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14849—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14850—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14851—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14852—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14853—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14854—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14855—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14856—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14857—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14858—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14859—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14860—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14861—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14862—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14863—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14864—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14865—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14866—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14867—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14868—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14869—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14870—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14871—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14872—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14873—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14874—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14875—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14876—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14877—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14878—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14879—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14880—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14881—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

2P14882—Twin 1 1/4 inches long. Your Cost per Doz... **15c**

Easy Soldering PHONE TIP

Very easily soldered—merely insert wire and drop solder in side hole. Brass, nickel plated.

2P14882—Your Cost per Doz. **15c**

STANDARD PHONE TIP

Nickel plated brass. 2P14883—Net, each... **05c**
Per doz. **50c**

YAXLEY Pup Jacks & Plugs



The ideal Jack for speaker connections and for use as binding posts for connecting battery leads, etc. Mounts in 5/16 inch panel hole.

2F6455—Pup Jacks. Your Cost per pair... **15c**

2F6456—Pup Plugs. Your Cost per pair... **12c**

YAXLEY INSULATED TIP JACKS

Bakelite caps. Red and black for Pos. and Neg. identification. Phone tip nests all the way in jack. 1/4 inch mounting hole.

2F6457—Red and Black. Per pair... **15c**

MIDGET JACKS and PLUGS

Serve the same purpose as the Pup Jacks and Plugs described above, only larger. Mount in 3/8 inch hole.

2F6458—Midget Jacks. Your Cost per pair... **36c**

2F6459—Midget Plugs. Your Cost per pair... **18c**

ALUMINUM SHIELDING CANS

Shipped knocked down. Corner posts drilled for 6/32 screws. 1/16 inch.

2M13250—5x5x6 in. Each... **\$1.55**

2M13251—9x5x6 in. Each... **1.75**

2M13252—6x6x6 in. Each... **1.90**

2M13253—8x8x6 in. Each... **2.10**

2M13254—10x8x6 in. Each... **2.40**

BAKELITE TUBING

Best quality. Wall 3/16 inch. thick. Stock No. 2M13150—1 inch Diameter. Net per inch... **8c**

2M13151—1 1/2 inch Diameter. Net per inch... **8c**

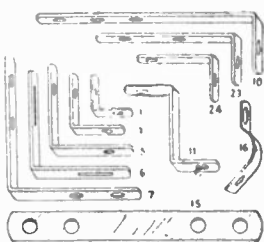
2M13152—2 inch Diameter. Net per inch... **8c**

2M13153—2 1/2 inch Diameter. Net per inch... **8c**

2M13154—3 inch Diameter. Net per inch... **8c**

Obtainable in any desired length.

ANGLE BRACKETS



Stock No.	No.	Size	Net, per	Pr.
2P14895	1	1/2x1 1/2 in.		\$0.2
2P14896	3	3/4x3/4 in.		.04
2P14897	5	1x1		.06
2P14898	6	1 1/4x1 1/4		.07
2P14899	7	1 1/2x1 1/2		.09
2P14900	10	1 3/4x2 1/4		.10
2P14901	11	2 inch high		.04
2P14902	15	3 in long		.07
2P14903	23	1 1/2x1 1/2		.07
2P14904	24	1 1/2x1 1/2		.04

Sub-Panel Brackets

This type designed to accommodate transformers or large by-pass condensers beneath the sub-panel.

Also ideal for midget set construction. Rigidly constructed of hard aluminum. Size 2 1/2 inches high, 6 1/4 inches long. Shpg. Wt. per pair, 3 lbs

2P14905—Net pair... **24c**

1"x8 1/2" BRACKET

An ideal bracket for receivers using box or large shielding; or large audio frequency transformers. Leaves enough clearance underneath the sub-panel for average by-pass or fixed condenser. Will accommodate any sub-panel up to 9 inches in width. Aluminum construction. Shpg. Wt., 4 lbs.

2P14906—Your Cost per pair... **24c**

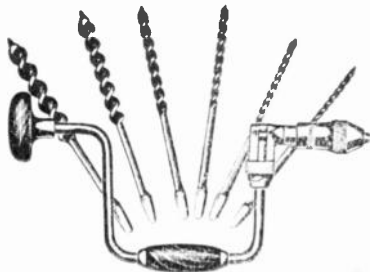
2"x9" Bracket

An improved sub-panel bracket with cutout corners that will fit any type of cabinet. Aluminum construction. Shpg. Wt. per pair, 4 lbs.

2P14907—Your Cost per pair... **36c**

RUBBER AND BAKELITE PANELS Hard Rubber

RATCHET BRACE AND BIT OUTFIT



Steel brace fully nickel plated with wood knob and handle, finished in mahogany. Has 10-inch sweep, round knurled alligator jaw chuck with spring. Equipped with ring ratchet adjustment. Complete set of 6 James Swan auger bits in a convenient wooden box with slide cover. Finest quality steel bits in the following sizes, $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{5}{8}$ in. and $\frac{3}{4}$ in. Ratchet brace with above set of bits. Shpg. Wt. 6 lbs.

2P14735—List \$4.75. Your Cost ... **\$2.59**

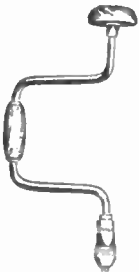
Ratchet brace only. Shpg. Wt. 4 lbs. **\$1.10**

2P14736—List \$2.00. Your Cost ... **\$1.10**

Set of 6 auger bits only, same as described above. Shpg. Wt. 2 lbs. **\$1.59**

2P14737—List \$2.75. Your Cost ... **\$1.59**

PLAIN BIT BRACE

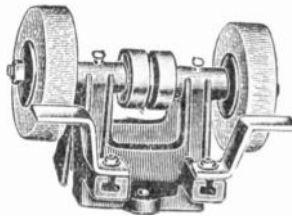


Round knurled alligator chuck with heavy spring. Wooden knob and handle, finished in mahogany. All steel parts fully polished. Has 10-inch sweep. Shpg. Wt. 3 lbs.

2P14739—List \$1.00. **\$55c**

Set of six James Swan auger bits listed above, our catalogue No. 2P14737.

DOUBLE BENCH GRINDER



Cast frame finished in red enamel with 3 mounting holes. $1\frac{1}{4}$ inch bearings with spring cover oil cups. Shaft $\frac{1}{2}$ inch in diameter x $8\frac{1}{2}$ inches long. Pulley $1\frac{1}{8}$ in. in diameter for round or flat belts. Wheels 4 inches in diameter and 1 in. wide. Each wheel has separate adjustable guide. Shpg. Wt., 10 lbs.

2P14738—List \$5.00. Your Cost ... **\$2.69**

GENUINE BERNARD PLIERS

High powered side cutting pliers with open throat. Can also be used as gas pliers. Length $5\frac{1}{4}$ in. Shpg. Wt. 1 lb.

2P14960—Your Cost ... **59c**

Parallel jaw pliers. Inside jaws are corrugated with a center groove to hold all round objects, such as drills, brads, screws, etc. Shpg. Wt. 1 lb.

2P14961—Length 5 in. Your Cost ... **49c**

2P14962—Length 7 in. Your Cost ... **59c**

These round nose pliers are very handy for forming loops in wire, bus bar and light metal.

Shpg. Wt., 1 lb. 2P14963—Length 5 in. Your Cost ... **49c**

2P14964—Length 6 in. Your Cost ... **59c**

2P14965—Length 7 in. Your Cost ... **59c**

2P14966—Length 8 in. Your Cost ... **59c**

2P14967—Length 9 in. Your Cost ... **59c**

2P14968—Length 10 in. Your Cost ... **59c**

2P14969—Length 11 in. Your Cost ... **59c**

2P14970—Length 12 in. Your Cost ... **59c**

2P14971—Length 13 in. Your Cost ... **59c**

2P14972—Length 14 in. Your Cost ... **59c**

2P14973—Length 15 in. Your Cost ... **59c**

2P14974—Length 16 in. Your Cost ... **59c**

2P14975—Length 17 in. Your Cost ... **59c**

2P14976—Length 18 in. Your Cost ... **59c**

2P14977—Length 19 in. Your Cost ... **59c**

2P14978—Length 20 in. Your Cost ... **59c**

2P14979—Length 21 in. Your Cost ... **59c**

2P14980—Length 22 in. Your Cost ... **59c**

2P14981—Length 23 in. Your Cost ... **59c**

2P14982—Length 24 in. Your Cost ... **59c**

2P14983—Length 25 in. Your Cost ... **59c**

2P14984—Length 26 in. Your Cost ... **59c**

2P14985—Length 27 in. Your Cost ... **59c**

2P14986—Length 28 in. Your Cost ... **59c**

2P14987—Length 29 in. Your Cost ... **59c**

2P14988—Length 30 in. Your Cost ... **59c**

2P14989—Length 31 in. Your Cost ... **59c**

2P14990—Length 32 in. Your Cost ... **59c**

2P14991—Length 33 in. Your Cost ... **59c**

2P14992—Length 34 in. Your Cost ... **59c**

2P14993—Length 35 in. Your Cost ... **59c**

2P14994—Length 36 in. Your Cost ... **59c**

2P14995—Length 37 in. Your Cost ... **59c**

2P14996—Length 38 in. Your Cost ... **59c**

2P14997—Length 39 in. Your Cost ... **59c**

2P14998—Length 40 in. Your Cost ... **59c**

2P14999—Length 41 in. Your Cost ... **59c**

2P15000—Length 42 in. Your Cost ... **59c**

2P15001—Length 43 in. Your Cost ... **59c**

2P15002—Length 44 in. Your Cost ... **59c**

2P15003—Length 45 in. Your Cost ... **59c**

2P15004—Length 46 in. Your Cost ... **59c**

2P15005—Length 47 in. Your Cost ... **59c**

2P15006—Length 48 in. Your Cost ... **59c**

2P15007—Length 49 in. Your Cost ... **59c**

2P15008—Length 50 in. Your Cost ... **59c**

2P15009—Length 51 in. Your Cost ... **59c**

2P15010—Length 52 in. Your Cost ... **59c**

2P15011—Length 53 in. Your Cost ... **59c**

2P15012—Length 54 in. Your Cost ... **59c**

2P15013—Length 55 in. Your Cost ... **59c**

2P15014—Length 56 in. Your Cost ... **59c**

2P15015—Length 57 in. Your Cost ... **59c**

2P15016—Length 58 in. Your Cost ... **59c**

2P15017—Length 59 in. Your Cost ... **59c**

2P15018—Length 60 in. Your Cost ... **59c**

2P15019—Length 61 in. Your Cost ... **59c**

2P15020—Length 62 in. Your Cost ... **59c**

2P15021—Length 63 in. Your Cost ... **59c**

2P15022—Length 64 in. Your Cost ... **59c**

2P15023—Length 65 in. Your Cost ... **59c**

2P15024—Length 66 in. Your Cost ... **59c**

2P15025—Length 67 in. Your Cost ... **59c**

2P15026—Length 68 in. Your Cost ... **59c**

2P15027—Length 69 in. Your Cost ... **59c**

2P15028—Length 70 in. Your Cost ... **59c**

2P15029—Length 71 in. Your Cost ... **59c**

2P15030—Length 72 in. Your Cost ... **59c**

2P15031—Length 73 in. Your Cost ... **59c**

2P15032—Length 74 in. Your Cost ... **59c**

2P15033—Length 75 in. Your Cost ... **59c**

2P15034—Length 76 in. Your Cost ... **59c**

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2P15036—Length 78 in. Your Cost ... **59c**

2P15037—Length 79 in. Your Cost ... **59c**

2P15038—Length 80 in. Your Cost ... **59c**

2P15039—Length 81 in. Your Cost ... **59c**

2P15040—Length 82 in. Your Cost ... **59c**

2P15041—Length 83 in. Your Cost ... **59c**

2P15042—Length 84 in. Your Cost ... **59c**

2P15043—Length 85 in. Your Cost ... **59c**

2P15044—Length 86 in. Your Cost ... **59c**

2P15045—Length 87 in. Your Cost ... **59c**

2P15046—Length 88 in. Your Cost ... **59c**

2P15047—Length 89 in. Your Cost ... **59c**

2P15048—Length 90 in. Your Cost ... **59c**

2P15049—Length 91 in. Your Cost ... **59c**

2P15050—Length 92 in. Your Cost ... **59c**

2P15051—Length 93 in. Your Cost ... **59c**

2P15052—Length 94 in. Your Cost ... **59c**

2P15053—Length 95 in. Your Cost ... **59c**

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2P15058—Length 100 in. Your Cost ... **59c**

2P15059—Length 101 in. Your Cost ... **59c**

2P15060—Length 102 in. Your Cost ... **59c**

2P15061—Length 103 in. Your Cost ... **59c**

2P15062—Length 104 in. Your Cost ... **59c**

2P15063—Length 105 in. Your Cost ... **59c**

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2P15075—Length 117 in. Your Cost ... **59c**

2P15076—Length 118 in. Your Cost ... **59c**

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2P15094—Length 136 in. Your Cost ... **59c**

2P15095—Length 137 in. Your Cost ... **59c**

2P15096—Length 138 in. Your Cost ... **59c**

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2P15098—Length 140 in. Your Cost ... **59c**

2P15099—Length 141 in. Your Cost ... **59c**

2P15100—Length 142 in. Your Cost ... **59c**

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2P15124—Length 166 in. Your Cost ... **59c**

2P15125—Length 167 in. Your Cost ... **59c**

2P15126—Length 168 in. Your Cost ... **59c**

2P15127—Length 169 in. Your Cost ... **59c**

2P15128—Length 170 in. Your Cost ... **59c**

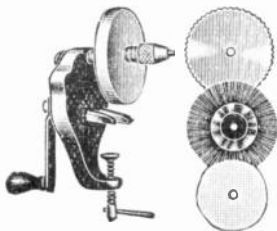
2P15129—Length 171 in. Your Cost ... **59c**

2P15130—Length 172 in. Your Cost ... **59c**

2P15131—Length 173 in. Your Cost ... **59c**

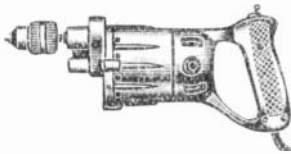
2P15132—Length 174 in

G. M. CO. COMBINATION BENCH OUTFIT



A complete clamp-to-bench outfit with a 10 to 1 gear ratio consisting of a grinding wheel, 4 ins. in diameter and 1/2 in. wide, steel chuck for twist drills up to 1/4 in., 4 inch circular saw, 4 inch buffing wheel and wire brush. This outfit has a great number of uses around the home and workshop. Sharpens knives, drills; cuts radio panels, tubing and wood; drills holes in chassis and panels; buffs radio knobs, silver ware and has many other uses. Vise handle bench clamp will fit all size tables up to 1 7/8 inches in thickness. Adjustable steel grinding and polishing guide. Has 2 inch spindle bearing with oil fitting at top. Body finished in red enamel. All working parts polished. Shpg. Wt., 8 lbs. **2P14744—List, \$4.00**
Your Cost \$210

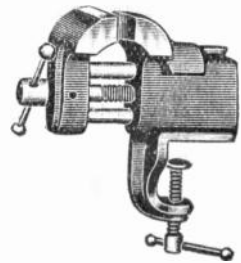
G. M. CO. ELECTRIC HAND DRILL



Light, sturdy, speedy—a powerful dependable too for every rapid drilling job up to 1/2 inch work in steel. The genuine General Electric universal motor makes it far superior to the ordinary "light duty" drills in its weight and price range. A special feature is the easy accessibility of all parts—wiring, motor parts, gears and bearings. The pistol brushes may be replaced from outside.

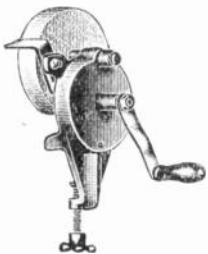
The spindle is offset from the armature shaft for working close up in the corners. It is equipped with a genuine Almond three jaw geared key chuck. The sturdy housing, with its practical oxidized finish, is thoroughly ventilated. Ball thrust bearing is used on the spindle, and special anti-friction bearings on the armature shaft. Handy on and off toggle switch at the top of the pistol grip that can easily be operated with the thumb. Drill is fitted with 9 ft. of heavy rubber, covered cable and plug. Shpg. Wt., 11 lbs. **2P14726—List, \$25.00**
Your Cost \$1525

G. M. CO. CLAMP TYPE BENCH VISE



A very sturdy and serviceable vise of very fine construction throughout. Carefully machined. Finished in red enamel with polished jaws and handles. Accurately cut spindle thread. Equipped with vise type clamping handle and can be clamped to board or bench up to 2 inches in thickness. These vises are equipped with an anvil. They will be found very handy in the home, garage or workshop. Made in the following sizes:
2P14727—Jaws are 2 1/2 inches in width. Shpg. Wt., 7 lbs. List, \$2.00—Your Cost 95¢
2P14728—Jaws are 3 1/2 inches in width. Shpg. Wt., 10 lbs. List, \$3.00—Your Cost \$145

MARVEL GRINDER



A dependable clamp-to-bench grinder which will be very useful in the workshop, home and garage. Will fit any bench up to 1 1/2 inches in thickness. Grinding wheel is 4 inches in diameter and 1 inch wide. Adjustable steel grinding guide. Has dirt proof gear case with extra long bearing which assures gears being in alignment and a true running wheel. Shpg. Wt., 6 lbs. **2P14729—List, \$2.00**
Your Cost 90¢

BLOCK PLANE



A 7 inch plane with hardened and tempered steel cutter 1 1/2 inches wide. Adjustable cutter. A real value. Shpg. Wt., 3 lbs. **2P14730—List, \$1.25**
Your Cost 55¢

BEVELED EDGE CHISELS



Leather tipped handle of varnished polished ashwood. Made of best quality crucible steel, correctly hardened and tempered. Shpg. Wt. 1 lb.

2P14884—1/4 in.	Your Cost 35¢
2P14885—1/2 in.	35¢
2P14886—3/4 in.	40¢
2P14887—1 in.	40¢
2P14888—1 1/4 in.	45¢
Complete set of above five chisels. Shpg. Wt., 4 lbs.	
2P14889—	\$1 75
Your Cost	

SWIVEL VISE



Made of high grade cast iron, finished in baked red enamel and polished jaws 2 1/2 inches wide. Has swivel base making it very convenient for all kinds of work. Shpg. Wt., 8 lbs. **2P14731—List, \$3.00**
Your Cost \$135

COLD CHISEL



Made from high grade carbon steel, correctly tempered. Length of chisel 6 inches and a 3/4 inch cutting edge. Shpg. Wt., 1 lb. **2P14890—Your Cost... 12¢**

SLIDING CALIPERS



Measures inside and outside diameters up to 3 inches, calibrated in 1/16 and 1/32 part of an inch. Has knurled locknut. Shpg. Wt., 8 oz. **2P14891—Your Cost 10¢**

CARPENTERS CLAMP

Complete clamp made of polished steel. Frame is 3 3/4 inches long. Clamp opening is adjustable up to 2 inches. Has vise type clamping handle. A clamp which is very useful to everyone. Shpg. Wt., 8 oz.

2P14922—List, 30c. Your Cost 15¢
Set of 3 clamps—Your Cost 39¢

Same as above, but with clamp opening adjustable up to 1 inch. Shpg. Wt., 8 oz.

2P14923—List, 20c Your Cost 10¢
Set of 3 clamps—Your Cost 25¢

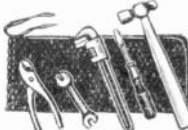
COUNTERSINKS



Made of tool steel, carefully hardened and tempered cutting edges. Square shank. Shpg. Wt., 8 oz.

2P14916—1/2 in. cutter.....	Your Cost 15¢
2P14917—3/8 in. cutter.....	15¢
2P14918—3/4 in. cutter.....	15¢
Same quality as above, but with round shank, 3/8 inch cutter.	
2P14919—	15¢
Your Cost	

5-PIECE KIT



A tool kit consisting of 5 essential tools, 10 oz. Ball Peen Hammer, 9-inch monkey wrench, 6-inch combination pliers, 3-inch screw driver, double end flat wrench and draw string bag. All tools natural finish. Shpg. Wt., 4 lbs.

2P14940—List, \$1.25 Your Cost 72¢

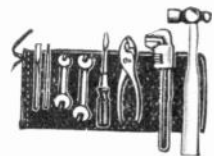
NEUTRALIZING WRENCH AND SCREW DRIVER



This new tool is proving one of our biggest sellers. One end is equipped with proper screw driver for neutralizing, and the other with toothed wrench for tightening all small nuts. Shpg. Wt., 8 oz.

2P14921—List, \$1.25 Your Cost 70¢

7-PIECE KIT



A very practical kit of tools. Consists of the following 7 tools, 10 oz. Ball Peen Hammer, 9-inch monkey wrench, 6-inch combination pliers, 3-inch screw driver, two double end wrenches, 3/8-inch cold chisel, and draw string bag. All tools natural finish. Shpg. Wt., 5 lbs.

2P14941—List, \$1.50 Your Cost 78¢

WRENCH SET



Collapsible 10 in 1 slot-lock wrench. The handiest tool for the automobile, motor boat and light machinery. Locks itself. Shpg. Wt., 1 lb. **2P14732—List, 70c Your Cost 35¢**

TINNERS SNIPS



Genuine drop—forged, best quality Tinner's Snips, 7 inches long, 2 inch cutting blade. Blade is round and polished. Handle finished in red enamel. A tool of many uses and priced extremely low. Shpg. Wt., 1 lb. **2P14920—List, 90c Your Cost 49¢**

JACKSON ELECTRIC SOLDERING IRONS



This is a full size soldering iron, 11 in. in length. Black enamel handle and nickel plated metal case. Removable Tip $\frac{3}{8}$ in. in dia. 50 watt iron. Shpg. Wt. 2 lbs. **59¢**
2P14850—List \$1.25. Your Cost ..



A 75 watt soldering iron of exceptional value. Length of iron 12 in. with $\frac{3}{8}$ in. removable tip. Nickel plated case and black enamel handle. Shpg. Wt. 2 lbs. **\$1.15**
2P14851—List \$2.50. Your Cost



A 220 volt 75 watt iron with removable copper tip. Element wound on amber, mica and steel core. Nickel plated with black enameled easy-grip handle. Shpg. Wt. 2 lbs. **\$1.50**
2P14852—List, \$3.00
Your Cost ..



This iron is designed to last many years, it is so constructed that it may easily be taken apart. The heating element or any of the other parts are replaceable. All metal parts are nickel plated with a comfortable sure-grip handle. 100 watts and removable tip. Shpg. Wt. 2 lbs. **\$1.45**
2P14853—List \$3.75. Your Cost ..
Same construction throughout as above, but consumes 75 watts. Shpg. Wt., 2 lbs. **\$1.45**
2P14874—List, \$2.75.
Your Cost ..

ESICO "JUNIOR" SOLDERING IRONS



A beautiful iron with one-piece blue steel case. Rich dark mahogany, anti-heat handle. Grade A nickel chrome element, wound on highest quality mica insulation. Replaceable forged copper tip. Shpg. Wt. 2 lbs. **\$1.90**
2P14854—List \$2.75. Your Cost ..

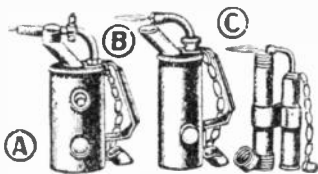
AMERICAN BEAUTY SOLDERING IRONS



These irons need no introduction to the radio servicemen and mechanic. Finest quality and workmanship throughout. All metal parts are nickel plated and has dull black heat-proof handle. Length 12 $\frac{1}{2}$ in., outside diameter $\frac{7}{8}$ in. A 100 watt iron with a $\frac{3}{8}$ in. dia. tip. Shpg. Wt. 3 lbs. **\$5.50**
2P14855—Your Cost ..

This iron was designed with a straight metal case to afford easy soldering in corners and tight places. Finished and constructed of the same high grade material and workmanship. A 50 watt iron with a chisel point tip $\frac{1}{8}$ in. in dia. Length of iron 11 in. Shpg. Wt. 2 lbs. **\$3.25**
2P14856—Your Cost ..

LENK BLOW TORCHES



Double burner feature, one for a needle point flame, add the attachment for a heavy intense flame. Pressure release valve constructed to eliminate sputtering, boiling over, evaporation and leaks. Cleaning pin always handy, securely held in the handle. Filter screen in jet prevents plugging of orifice. Fool-proof construction, no adjustment necessary. Size 7x4 $\frac{3}{4}$ x3 in. Shpg. Wt. 4 lbs. **\$2.95**

2P14866—List \$5.00. Your Cost
For the mechanic who knows value, mechanically foolproof and built to last a lifetime. The champion of blow torches, blows itself. Starts in 20 seconds and burns 3 hours on one filling. Size 7x3 $\frac{1}{4}$ x2 in. Shpg. Wt. 3 lbs. **\$1.78**

2P14867—List \$3.00. Your Cost
Blows itself, operates on denatured or commercial alcohol. Solid base makes it mechanically leak proof. Screw-cap makes it easier to load and nozzle-cap prevents evaporation. Copper heat conductor generates quickly. Shpg. Wt. 2 lbs. **\$1.88**
2P14868—Size 6 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 $\frac{1}{4}$ in. List **\$1.50**. Your Cost ..
2P14869—Same as above, but 5 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 inch in size. Shpg. Wt., 2 lbs. **\$1.59**
List, \$1.00. Your Cost ..

KESTER SOLDER Individual Cans

Approved by all leading radio engineers. Makes low loss joints. Each tin contains a coil of rosin in solder. Will not sputter.



2P14857—Per tin. Shpg. Wt. 8 oz. **\$1.5¢**
List \$0.25. Your Cost ..
Display carton of 10 tins. Shpg. **\$1.40**
Wt. 3 lbs. List \$2.50. Your Cost ..

Kester Solder 1-lb. Spool

Servicemen and mechanics buy their solder in 1 and 5 lb. spools, as it is more economical.

2P14858—Shpg. Wt. 2 lbs. for 1 lb. spool **42¢**
Your Cost ..
2P14859—Shpg. Wt. 6 lbs. for 5 lb. **\$1.90**
spool. Your Cost ..



SOLDERALL

An amazing preparation which solders all metals, except aluminum. Comes in handy tube.

2P14860—Single tubes. Shpg. Wt. 4 oz. Your Cost **7¢**
2P14861—Display box of 24 tubes. **\$1.35**
Shpg. Wt. 4 lbs. Your Cost ..



PEERLESS FLUX

A non-corrosive flux for quick soldering. Can contains 2 oz. Shpg. Wt. 8 oz.

2P14862—Your Cost **10¢**
2P14863—One dozen cans. Shpg. Wt. 3 lbs. **\$1.00**
lbs. Your Cost ..



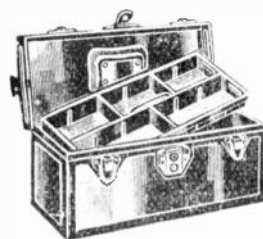
PITCH

This pitch is specially treated for low melting point, making its use very simple. Put up in two sizes.

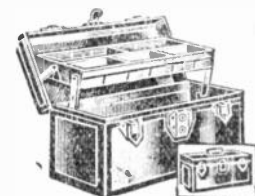
2P14864—Shpg. Wt. 3 lbs., for 14 ounce can. Your Cost **33¢**
2P14865—Shpg. Wt. 12 lbs., for 1 gallon can. Your Cost **\$1.12**



ALL STEEL TOOL CHEST

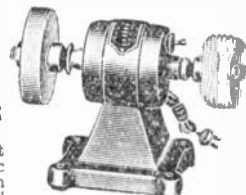


Are your tools and supplies scattered about the place? This tool chest will keep them neatly in place and always handy when wanted. Well constructed throughout of heavy gauge steel. Has two snap catches and lock. Size 14x6 $\frac{1}{2}$ x6 in. A necessity for outside mechanics and servicemen. Shpg. Wt. 6 lbs. **\$1.50**
2P14870—List \$1.50. Your Cost



Every convenience has been designed into this chest including the Automatic Tray, which easily slides out of the way for easy access to lower part of box. Size 14x6 $\frac{1}{2}$ x6 in. Shpg. Wt. 7 lbs. **\$2.00**
2P14871—List \$2.00. Your Cost ..

MOTOR DRIVEN BUFFER AND GRINDER



Not a toy, but a real electric motor driven buffer and grinder for the workshop, with a pulley on each end of motor shaft for driving other apparatus. High speed 1/50 h.p. motor, revolves 5000 R.P.M. On and off toggle switch on end of motor. Does work in a few minutes that otherwise would take several hours. Grinds, sharpens, polishes and drives other tools. Mounted on a strong cast base with four mounting holes. Complete with high grade grinding wheel, buffer and two pulleys. Equipped with durable cord and attachment plug. Shpg. Wt. 9 lbs. **\$12.00**
2P14872—List **\$6.95**
Your Cost ..

SOLDERING PASTE

The quickest acting paste on the market, put up in a convenient collapsible tube with projecting tip. Outlasts other pastes two to one. Will solder where others fail. Shpg. Wt. 2P14873—Your Cost **15¢**
Lots of 12 tubes. **\$1.65**
Your Cost ..



Battery Motor

Gilbert 4-terminal battery motor. Ideal for operating all kinds of toys. Operates on 6 to 12 volts. Size 3x2 $\frac{1}{2}$ x2 $\frac{1}{2}$ in. This is the strongest battery motor of its size. Shpg. Wt. 1 $\frac{1}{2}$ lbs. **\$5.12**
2S17325—Your Cost ..



FRICION TAPE

Best quality friction tape. Adhesive grips fast. Has many uses. Shpg. Wt. 1 lb. **15¢**
2P14829— $\frac{1}{2}$ lb. rolls. **\$1.39**
Five pounds (10 rolls). **\$1.39**
Your Cost ..





New EMC Simplicity Test Probe

- 1—Locates open or shorted by-pass and filter condensers.
- 2—Locates burned out resistors and wiring.
- 3—Checks presence of filament or heater voltages.
- 4—Tests continuity of all low resistance windings.
- 5—Checks correctness of tuning coil polarity.
- 6—Tests for breaks in tuning winding.
- 7—Tests shorts in variable condenser.
- 8—Gives visual resonance indicator in aligning condensers.
- 9—Tests for high voltage and low current with neon tube.
- 10—Makes a handy radio and auto trouble light. Consists of polished red and black barrel of special dielectric material with steel test prod on one end and small 4 1/2 volt lamp in the other. Special circuit renders all of the above tests possible. Full directions furnished with each instrument. Shpg. Wt. 6 Oz.

2M12987—Your Cost Each \$1.50

Detecto-Lite

Indicates polarity of direct current voltages from 110 to 550 indicate whether the current tested is A.C. or D.C., detect the live and ground side of any circuit and make continuity tests in electric wiring systems. Consists of a durable bakelite case in which is fitted a neon glow lamp. Two heavily insulated flexible leads with metal tips. An ideal pocket instrument for Radio men and Electricians. Shpg. Wt. 6 Oz.



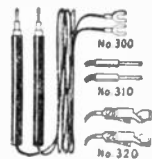
2M12995—List \$1.50. Your Cost Each \$88¢

DELUXE MODEL

Similar to the above except that leads are longer, removable and instrument enables one to reach hard-to-get-to places. More convenient to use than the smaller model.

2M12986—List \$1.18. Your Cost Each \$118

HEAVY DUTY LABORATORY TEST PRODS



This new type Test Prod has improved tip which has bronze needle point and

heavy body; thus answering the two-fold purpose of an insulation piercing prod and ordinary phone tip prod. Handles are 5 inches long by 1/2 inch in diameter. Red and black braid covered leads, 5 feet long.

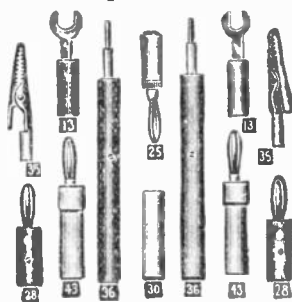
2M12978—With Spade Tips. 2M12979—With Phone Tips. Your Cost—(either type) \$59¢

Weston Test Leads

Handy 50-inch Test-Leads with hardened polished steel contact points—securely soldered connections—strong covering material to withstand wear and abrasion. Insulation tested to 5000 volts. Shpg. Wt. 6 oz.

2M10559—List price, \$1.25. Your Cost Per Pair \$94¢

New Improved Test Prod and Connection Kit



2M12990—Kit complete as described. \$110

Individual Parts From Above Kit

2M13006—Alligator Clips (No. 35). Your Cost, Each \$50¢ Per Dozen \$50¢

2M13007—Coupling to fasten wire lead to plug or test prod (No. 30). Your Cost, Each \$8¢

2M13008—Test Prods (Coupling necessary (No. 36). Your Cost, Per Pair \$25¢

Plugs

Standard Plug, fits all units in this line except small diameter Jacks. Has set screw to hold wire. Size, 1 1/4 x 1/2 inches.

2M12991—Your Cost Each \$5¢

Heavy Duty Plugs

Has slightly larger collar than above plug, outside diameter 1 1/2 inch. Fits standard jacks. No. 2M12999.

2M12992—Your Cost Each \$8¢

Combination Plug

Has hole through sleeve in which another plug may be inserted to feed two circuits to same jack. Has chuck for holding wire, or phono needle.

2M12993—Your Cost Each \$8¢

Long Plug

A longer and heavier plug than the above. Has chuck for gripping inserted wire. 2 1/2 x 1/2 inch.

2M12994—Your Cost Each \$15¢



Divider Plug

Will divide one Jack into four plugs. Has holes through collar for inserting plugs, but none in end for wire.

2M12995—Your Cost Each \$10¢



Readrite Adapters

Five prong Socket on a four prong Plug. Has all connections complete to Plug. List \$1.

2K11500—Your Cost Each \$59¢

Four Prong Socket on a Five prong Plug. Has all connections complete to Plug. List \$1.00.

2K11501—Your Cost Each \$59¢

Adapter for using tubes of 199 Type having a UX base and adapting same in a standard UX socket. List \$5¢.

2K11502—Your Cost Each \$44¢

Has standard UX Socket on UV Plug for attaching to UV Socket. List \$1.00.

2K11503—Your Cost Each \$59¢

No Serviceman can well afford to be without one of these handy Kits. Contains twelve beautifully finished units paired in red and black colorings for positive and negative identification. Kit includes two Plugs, two Alligator Clips, two Spade Tips, two Test Prods, two plugs with hole in side for branch connection, one Coupling and one Plug with Chuck which will grip ordinary phonograph needle and which, when connected to one of the Test Prods can be used as an insulation piercing Prod. Handles of all units are of a new composition of flint-like hardness and of very high insulating properties. Colors are bright and non-fading. Metal parts are highly nickle-plated. Shpg. Wt., per kit 1 Lb.

Closed Terminal

For binding posts. Has set screw for holding wire. Red and Black only. Size 1 1/4 x 1 1/2 inches.

2M12996—Your Cost Each \$8¢



Spade Tips

As above except with spade tip end. Red and Black only.

2M12997—Your Cost Each \$8¢

Spade Tip with chuck that grips wire tight when inserted no set screw. Red and Black only.

2M12998—Your Cost Each \$10¢

Standard Jack

Standard size Jack. Has solder socket and hex nuts for mounting on metal panel. All colors.

2M12999—Your Cost Each \$8¢

Same as above for mounting on Bakelite panels.

2M13000—Your Cost Each \$8¢

Coil Plugs

Hexagon shank. Spring riveted to internal shaft. Length 1 1/4 inches.

2M13001—Your Cost Each \$8¢

Milled Coil Plug

Similar to above except has milled plug instead of banana spring. Good Transmitter Coil Plug.

2M13002—Your Cost Each \$5¢

Twin Plug

Multi Plug. Marked plus and minus. Has thumb inset. Set screws for holding wires.

2M13003—Your Cost Each \$23¢

2M13005—Female Plug for above. Your Cost Each \$22¢



Na-Ald 905L Analyzer Plug

Designed for replacing worn-out or damaged plugs on set testers; or for connecting bench testing equipment, and for making your own analyzer. The plug has a five prong UY base with a control grid cap on handle for control grid connection. Available with five foot, six wire cable; five wires going to the plug and the sixth to the control grid cap. Has special insulated latch for locking adapter to plug. Shpg. Wt. 8 Oz.

2K11525N—Your Cost Each \$175

2K11526—Plug with cable; less adapter. List \$5.00. Your Cost Each \$290

2K11527—Four prong adapter for above. List \$1.25. Your Cost Each \$69¢



Speaker and Analyzer Plugs

FEMALE PLUG 2K11528—For 4 prong plugs or Tubes. List \$5¢

2K11529—For 5 prong Plugs or Tubes. List \$5¢. Net (either) \$25¢



MALE PLUG

2K11532—4 Prong 2K11533—5 Prong. List \$5¢. Your Cost Each \$15¢



Testing Adapters

FOR TESTING PENTODE TUBES IN STANDARD SET ANALYZERS.

954KPC. For use in adapting Pentode tubes to UO sockets. Current for extra grid is supplied from plate prong. List \$1.

2K11534—Your Cost Each \$59¢

975. For use in UY Sockets. Cathode prong is dead and current for extra grid is supplied from plate prong. List \$1.00.

2K11535—Your Cost Each \$59¢

954K. UO to UY. For testing Pentode tubes in UO Socket. Lug for connection to extra grid is brought out from external connection to current. List \$1.25.

2K11536—Your Cost Each \$73¢

976. Same as 954K, but for 5 prong socket. Cathode prong is dead and plug brought out from cathode hole for external connection to current supply. List \$1.50.

2K11537—Your Cost Each \$73¢



Test Prods



Unsurpassed for testing sets and tracing trouble. Handles are of sturdy tubing, one red and one black. Shpg. Wt. 8 Oz. **SPADE ENDS.** 50 inch leads.

2M12975—Your Cost Per Pair \$23¢

PIN TIP ENDS. 50 inch Leads. **2M12976—Your Cost Per Pair \$23¢**

SPRING CLIP ENDS. 50 inch leads. **2M12977—Your Cost Per Pair \$45¢**

THE BEST IN AERIAL EQUIPMENT

Yahr-Lange

"Super Ball"

Antenna

The most popular antenna ever developed. Hundreds of thousands in use. Manufacturers files are bulging with testimonials revealing accounts of the wonderful results obtained. 36 sq. ft. of conductive surface. Non-directional. Has condenser mounted below ball which clarifies tone. Aluminum construction. Shpg. Wt. 4 1/2 lbs.

2R17135 Ball and Condenser without pipe or wiring. List \$4.75. **\$2.75**

2R17136 Base for connecting pipe to roof. Shpg. Wt. 2 lbs. List price 50c.

Your Cost **30c**

Accessory Kit. Consists of 50 ft. lead-in, 50 ft. guide wire, ground clamp, lead-in strip, 3 nail knobs, 4 screw eyes, 4 porcelain insulators, and 7 1/2 ft. pipe. Shipping weight 8 1/2 lbs. **\$2.06**

2R17137 List \$3.50. Net

Filtertone

An improved radio filter and antenna eliminator. Equal to 80 feet of outside aerial. Very compact. Easily connected. Spring clip connections. Aluminum finish. Shpg. Wt. 1 lb.

2R16160— **95c**
Your Cost Each

In-the-Ground Antenna

An all-directional, highly selective antenna. Buries underground. No danger from lightning. Once installed requires no further attention. Will last for years. Provides clear sweet reception. Not as sensitive to static as the up-in-the-air types. Requires hole only 18 inches deep. Shpg. Wt., 2 lbs.

2R16161 List \$4.00. **\$1.90**
Your Cost Each

Wellston Gold-Test Aerial



antennae never to wear out. Does away with lightning hazards, and because it does not connect into light socket, AC hum and line noises are eliminated. Attractive brown Durux case. Mounts anywhere. No tools needed to install. List **\$2.50.**

2R16162—Your Cost Each **\$1.47**

Ribbon Aerial

A neat, attractive and efficient aerial for indoor use. Consists of a gold colored metal ribbon woven into a strip of fabric about 3/4 in. wide. Ideal for stringing around the room above the molding or baseboard. Held in place by means of thumb or ordinary tacks. Provides excellent volume with a minimum of interference. 65 ft. to the roll. Shipping Weight 6 oz.

2R16163—Your Cost Each **29c**

Sta-Put Aerial

A layer of heavy tin foil deposited on a specially treated adhesive fabric that sticks instantly wherever it is applied. The tin foil is highly conductive to radio waves and provides an antenna system of unusual efficiency. Ideal for use along moldings, baseboards or on an auto top. 65 ft. to the roll.

2R16164 Shpg. Wt. 1/2 lb. **54c**
Your Cost Each



TRUTEST Ball Aerial

If you want to get all out of your set that the Manufacturer has built into it you must have an aerial that is non-directional, sensitive and efficient. The better the aerial the better the performance. The TRUTEST BALL AERIAL possesses all of these qualities to a greater degree than any similar device on the market. An aluminum ball 8 inches in diameter contains a number of feet of special aerial wire, together with a condenser that filters the tone and provides an antenna system of unusual sensitivity. Ball is supported by an 8 ft. iron mast attached to roof by means of a special bracket. Ball may be purchased separately if desired and mounted on a piece of 1/2" pipe of any length. Shpg. Wt., 1 lb.



2R17140—Ball only with threaded socket pipe connection **\$1.95**

Your Cost

Accessory Kit

Everything necessary for installing Trutest Ball Aerial, including 50 ft. guy wire, 25 ft. lead-in, 4 insulators, 1 lead-in strip, 1 ground clamp and 8 ft. telescoping iron pipe. Shpg. Wt., 9 lbs.

2R17141— **\$2.25**
Your Cost

Brings in Stations Clearly and above the "Noise-Level"

WINDOW-OR AERIAL



An ideal aerial for superheterodynes. They require large capacity in a small area for best performance. A long aerial picks up too much interference; a short single wire tunes "in the noise level". Two types, with and without bracket. For window, porch or closet. Length 5 ft., 7 wire cage.

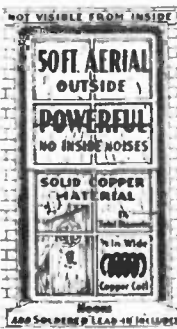
2R17125 Without bracket. Shpg. Wt., 3 lbs. **\$1.35**
Your Cost

2R17126 With bracket for window mounting. Shpg. Wt., 5 lbs. **\$1.70**
Your Cost

A Powerful AERIAL for MIDGETS

Most Midget sets work better with an outside aerial. Here is one that will bring in the distant stations with a "bang"; an installation that gets away from interfering neighbors' antennae. Easily mounted either inside or outside the window by means of supporting books which are furnished. A 50 ft. aerial in a compact form. Made of copper. Shpg. Wt. 2 pounds.

2R17127 **\$1.15**
Your Cost Ea...



GIANT DX ROOF AERIAL

The most successful roof aerial ever designed. Consists of 150 ft. of 7 strand copper wire constructed to form a cage, held to shape by means of a circular ring in center. The thousands now in use attest their popularity. Occupies only 10 feet of space. Supplied with insulators and turnbuckle to keep it taut. Has 30 ft. soldered lead-in. Shipping weight 5 lbs.

2R17128 **\$2.25**
Your Cost Each

Ground Rods



An entirely new design. Has special clip for the ground wire which makes a positive and permanent connection. Heavy steel yoke at top to support clip and form driving head. No tools necessary to install. Made of 3/4 inch drawn steel, cadmium plated to prevent rust. Two lengths.

4 Foot Length
For ordinary usage where earth is fairly moist at all times. Shpg. Wt., 2 lbs. **25c**
2R17187—
Your Cost Each

6 Foot Length
For dry climates where extra long rod is necessary to make good ground. Shpg. Wt., 3 lbs. **40c**
2R17188—
Your Cost Each



"DX" Window Sill Aerial

A non-directional cage aerial designed for use on the window sill, either inside or outside. Especially suitable for superheterodynes. Measures 31 inches long by 6 inches high. Supported by means of string piece of enamel iron, drilled for screwing to sill. Comes complete ready to install, with porcelain insulators and 10 ft. soldered lead-in. Shipping Weight, 7 pounds.

2R17129— **\$1.35**
Your Cost Each

AUTO DX AERIAL



At last a satisfactory auto aerial! More volume, clearer reception, less interference. Completely out of sight. Fits snug against the running board. Can not catch on road obstructions. A solid zinc plate 40 x 4 1/2 inches with rolled edges. Drilled ready for quick installation. Comes complete with 10 ft. rubber covered lead-in and all necessary accessories. Some radios will show 50% more volume when double aerials are used—one under each running board. Fits every car made. Shipping Weight 5 lbs.

2R17130—Your Cost **\$1.25**



Ward DeLuxe Car Antenna

A very fine installation. Made of closely woven copper-chrome-nickel plated wire suspended on a rigid metal frame. More sensitive, in most cases exceeds roof type. Triple action spring suspension. Impossible to short or ground. Universally adaptable to every automobile. All parts rustproofed and sturdy built. High tension non-shorting lead-in. Ward rubber splash guard furnished with each antenna. Permanent, efficient and easy to install. Can not break or crush. Proven performance on all standard makes of auto radios. Shpg. Wt., 5 pounds. All necessary accessories furnished.

2R17131—List Price \$4.25 **\$2.45**
Your Cost Each

INSULTENNA

An ingenious invention to replace outdoor and indoor antennae. Not a light socket antenna; has no connection with electric light line. Consists of a handsomely finished case measuring 5 1/2 x 1 1/2 inches containing a number of feet of a new type filtered aerial wire with condensers which give the capacity of 75 ft. of ordinary antenna. May be conveniently placed in console or cabinet. Shpg. Wt., 1 lb.

2R16166—List Price \$2.50 **\$1.47**
Your Cost Each

New AERO Indoor AERIAL WIRE

Something entirely different in indoor aerial wire. Consists of many strands of very fine composition wire of high conductivity over which is laid a special fabric covering of neutral buff color. As an indoor aerial it is unusually efficient. Different from all other indoor tapes and cords because new insulation forms a positive low-loss covering. Its neutral buff color makes it practically invisible when used around moldings or baseboard. 100 Feet to the spool shipping weight 8 oz.

2R16167—List, \$3.00. Your Special Price **20c**





BELDEN ARRESTER

A thoroughly reliable protector designed for either outdoor or indoor use. Listed as standard by the National Board of Underwriters. Bakelite case. Resistor type. Each furnished with \$100.00 guarantee. Shpg. Wt. 4 oz. List Price 25c.

2R16780—Your Cost **15c**



Belden Giant Arrester

An oversize porcelain arrester built to withstand the severest lightning charges. The old reliable resistor type. Suitable for either indoor or outdoor use. The most amazing bargain we have ever offered a quality protector at a ridiculously low price. Size, 13x24 1/2 inches. Shpg. Wt. 8 oz. List Price 85c.

2R16781—Our Special Price **15c**
Ea.
Lots of 10, 14c. Lots of 25, 13c.

Brach Storm King Arrester



Made of genuine bakelite. Non-airgap principle. For indoor use. \$100.00 insurance policy against damage from lightning to your set goes with each arrester. Shipping weight 8 oz.

2R16782—List Price 10c
Your Cost Each **28c**

A Special Value



ONLY
6c
EACH

Dealers, especially will appreciate this item. A thoroughly reliable protector that can be detailed at a low figure without sacrificing their margin of profit. Porcelain body. Approved by the National Board of Underwriters. Individually boxed. Shpg. weight per dozen, 3 1/2 pounds.

2R16783—Your Cost Ea. **6c**
12 for 65c; 100 for \$4.90

S. H. "Safeguard" Arrester



One of the finest arresters ever made. Genuine molded, bakelite case. All exposed metal parts solid brass. Designed upon a new principle that provides absolute protection. Your set insured against lightning damage up to \$100.00 by Manufacturers of this arrester if it is used Shpg. wt. 1 lb.

2R16784—List Price, \$1.50 **39c**
Our Special Price



I. C. A. Electrostatic Arrester

A lightning arrester and static noise reducer in one. Built on new silicate of carbon principle. No air gap. Has a shield over ground terminal that shields of connection from usual electrostatic field between an air and ground. \$100.00 insurance bond with each arrester. Black porcelain, nickel plated trimmings. Shpg. Wt. 1 1/2 lb.

2R16788—List \$1.00
Your Cost **55c**

Antenna Spring



Take up slack in aerial. Spring only. 2R16980—Your Cost Ea **7c**

ANTENNA KITS

DE LUXE AERIAL KIT



No finer aerial kit on the market than this one. Has shielded lead-in wire that is very effective in reducing interference caused by high tension wires. By grounding the shielding disturbing impulses are carried to the ground. Also has tinned copper antenna wire that will not corrode. Shpg. wt., 4 lbs. Kit consists of the following:

- 75 Ft. 7-24 Tinned Copper Aerial Wire.
- 50 Ft. 16 Str. Shielded Lead in Wire.
- 25 Ft. Rubber Covered Ground Wire.
- 1 Lightning Arrester
- 2 Porc. Insulators
- 1 Ground Clamp
- 1 Lead-in Strip
- 2 Insulated Screw-eyes
- 2 Nail Knobs
- 5 Insulated Staples.

Stock No. List, \$2.55
2Q16478—Your Cost, .. **\$1.45**

LAFAYETTE AERIAL KIT

Everything necessary for an efficient aerial installation. All items are of the very best quality. Ideal for the dealer furnishing a standard antenna kit with radio set sales. Shpg. Wt., 4 pounds. Contains the following:

- 100 Ft.—7-24 Copper Wire
- 50 Ft.—No. 17 Rubber Covered Lead-in Wire.
- 25 Ft.—Rubber covered Ground Wire.
- 1 Approved Arrester
- 1 Copper Ground Clamp
- 1 Lead-in Strip.
- 2 Porcelain Insulators.
- 2 Nail Knobs.



2Q16478—List Price, \$1.25
Your Cost Each **65c**

STANDARD AERIAL KIT

A low price kit containing all essentials for a dependable and efficient aerial system. A very good Dealer Item. Shipping Wt., 2 lbs. Contains:

- 90 Ft. 7-25 Copper Wire
- 50 Ft. Lead-in
- 10 Ft. Ground Wire
- 2 Porc. Insulators
- 1 Cop. Ground Clamp.
- 1 Lead-in Strip
- 2 Nail Knobs.

2Q16477—List, 90c.
Your Cost Each **45c**

ECONOMY AERIAL KIT

Especially designed for Midget Sets. The lowest price kit on the market made up of first quality merchandise. Shpg. Wt., 2 lbs. Contains:

- 100 Ft. 7-27 Copper Wire
- 25 Ft. Rubber Covered Lead-in
- 1 Lead-in Strip
- 1 Ground Clamp
- 2 Nail Knobs
- 2 Porc. Insulators.

2Q16478—List Price 75c.
Your Cost Each **38c**

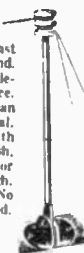
BELDEN AERIAL KIT

Nationally advertised; nationally known for quality. The most popular number in a very popular line of aerial kits. Shpg. Wt. 4 pounds. Contains:

- 100 Ft. 7-22 Bare Copper Aerial
- 35 Ft. All-Rubber Lead-in Wire
- 1 Belden Arrester
- 1 Belden Lead-in Strip
- 1 Belden Ground Clamp
- 3" Glass Insulators
- 2 Nail Knobs
- 2 Galvanized Screw Eyes
- 2 Wood Screws
- 1 Instruction Sheet

2Q16479—List Price \$2.00
Your Cost Each **\$1.20**

New Premax Mast



A new, simple one piece mast that will fill a big demand. Easy to use, practical in design, durable and low in price. Everything the aerial man needs for a straight line aerial. 3/4 inch solid steel rod with a parkerized rust-proof finish. Adjustable base fits flat or sloping roofs. 3 1/2 Ft. high. Complete with guy wire. No additional insulators needed. Shpg. Wt. 2 1/2 pounds.

2R17128 **35c**
Your Cost Ea.

Tubular Steel Masts

Made of welded steel tubing with black baked-on enamel finish. Flattened at base for easy attaching to roof. Best simply nailed to roof and mast bent upright. Guy wire done at top. Patented clamping device locks sections at any height.

MADE IN FOUR SIZES

2R17139—Single Section, 3 Ft. Shpg. Wt. 2 1/2 pounds

Your Cost Each **49c**

2R17142—Double Section, 6 Ft. 7 In. Shpg. Wt. 4 lbs.

Your Cost Each **98c**

2R17143—Triple Section, 9 Ft. 4 In. Shpg. Wt. 6 1/2 lbs.

Your Cost Each **\$1.47**

2R17144—Quadruple Section, 12 Ft. 9 In. Shpg. Wt. 12 lbs.

Your Cost Each **\$2.25**

LEAD-IN STRIPS

Thoroughly insulated with glossy waterproof lacquered webbing. Copper core. Length 12 in. Has new screw type terminals.

2R17100 **6c**

Your Cost Each \$4.50

100 for \$4.50

2R17101 **4c**

Your Cost Each \$2.90

100 for \$2.90

2R17102—Net Ea. **3c**

50 for \$1.10

12 for \$1.50

100 for \$3.25

2R17103—Net Ea. **9c**

12 for \$1.00

100 for \$1.50

2R17104—Your Cost Ea. **15c**

12 for \$1.50

100 for \$3.25

2R17105—Net Ea. **4c**

12 for \$1.00

100 for \$3.25

2R17106—Net Ea. **4c**

12 for \$1.00

100 for \$3.25

2R17107—Net Ea. **4c**

12 for \$1.00

100 for \$3.25

2R17108—Net Ea. **4c**

12 for \$1.00

100 for \$3.25

Stand-Off Insulators

Made of porcelain; extra heavy to stand great strain. Length 4 inches. Shpg. Wt., 6 Ozs.

2R16800—Net Ea. **9c**
Lots of 10 80c.



Wall Insulator

For supporting wiring on instruments or may be used for supporting lead-in or ground wires. Glazed porcelain 2 1/2 in. high. Shpg. Wt. 8 oz.

2R16738—50 for \$3.75

Your Cost Each **8c**

Screw-In Stand-Off



Strong porcelain insulator with wood screw base. Height 2 3/4". Shpg. Wt., 8 oz.

2R16801—Your Cost Each **10c**

\$4.50 per 50.

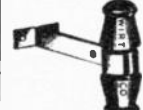


BROWN PORCELAIN

Strain insulator made of heavy porcelain. 2 1/2 in. long. 5/32 in. Hole Shpg. Wt. 4 oz.

2R16802—Your Cost Each **2c**

\$1.80 per Hundred.



Wirt Insulator

Galvanized extension about 6 in. long. Porcelain insulator. Shpg. Wt. 8 Oz.

2R16736—Your Cost Each **21c**

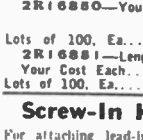


NAIL-IT KNOBS

Heavy White porcelain nail knob. Has serrated cap that holds wire firmly. Height 1 1/2 in. Diameter 1 1/8 in.

2R16977—Your Cost Each **1 1/2c**

50 for 60c; 100 for \$1.00



Glass Insulators

Special tempered glass, unaffected by heat or cold or other climatic conditions. Best quality. Shpg. Wt., 6 Oz. 3 in. long.

2R16880—Your Cost Ea. **3 1/2c**

Lots of 100, Ea. 3c

2R16881—Length 4 in. **5c**

Your Cost Each 4c

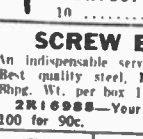
Lots of 100, Ea. 4c

Screw-In Knobs

For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3 in. long. Shpg. Wt. 4 oz.

2R16972—Net Ea. **3c**

12 for 30c; 100 for \$2.00



BABY INSULATOR

For suspending wires inside the house. Bolt rubber insulator. Serrated 1 1/2 in. overall. Shpg. Wt. 1 Oz.

2R16973—Per box of 18 **18c**

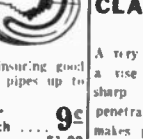
100 for 90c.

SCREW EYES

An indispensable service accessory. Best quality steel. Length 2 in. Shpg. Wt. per box 1 lb.

2R16988—Your Cost Ea. **1c**

100 for 90c.



GROUND CLAMP

Standard type. Has sharp teeth to bite thru rust and paint on pipe, insuring good connection. For pipes up to 3/4 in.

2R17103—Your Cost Each **9c**

12 for \$1.00

FOR 1 1/2 in. PIPE

Same as above except for larger size pipe.

2R17104—Your Cost Ea. **15c**

12 for \$1.50

100 for \$3.25

2R17105—Net Ea. **4c**

12 for \$1.00

100 for \$3.25

2R17106—Net Ea. **4c**

12 for \$1.00

100 for \$3.25

2R17107—Net Ea. **4c**

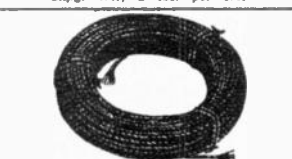
12 for \$1.00

100 for \$3.25

24K. GOLD PLATED AERIAL WIRE

Triple plated with pure 24 K. gold. None of the troubles of copper wire which corrodes, causing noise in the receiver and loss of efficiency. Gold plated aerials are used by the Government, by broadcasting stations and by engineers. 100 Ft. coils. 24 Gauge, size 7x24. **55¢**

Your Price, per coil.....
Shpg. Wt., 2 lbs. per coil



BARE COPPER WIRE

Best Grade. Full size. 100 ft. coils. Shpg. Wt., 1/2 lb. to coil average.

24 Gauge, 7 Strands. Special size 27. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
12¢ 11 1/2¢ 11¢ 10 1/2¢

100 coils for.....\$10.00

24 Gauge, 7 Strands, No. 26. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
15¢ 14¢ 13 1/2¢ 13¢

100 Coils for.....\$12.50

24 Gauge, 7 Strands, No. 24. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
18¢ 17 1/2¢ 17¢ 16 1/2¢

100 Coils for.....\$16.00

24 Gauge, 7 Strands, No. 22. Shpg. Wt., 1 1/2 lbs. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
24¢ 23 1/2¢ 23¢ 22 1/2¢

100 Coils for.....\$22.50

ENAMELED WIRE STRANDED COPPER

Full 100 Ft. Coils. Best grade enamel. Does not chip. Shpg. Wt., 1 lb.

24 Gauge, 7 Strands, size 24. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
26¢ 25¢ 24 1/2¢ 23 1/2¢

24 Gauge, 7 Strands, size 22. Shpg. Wt., 1 1/2 lbs. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
34¢ 33¢ 32 1/2¢ 32¢

SOLID COPPER WIRE

This weight in most general use for aerials. Full 100 ft. coils. Shpg. Wt., 1 1/2 lbs.

24 Gauge, 7 Strands, size 14. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
30¢ 29¢ 28¢ 27¢

Extra heavy. Preferred by many for aerials due to its greater strength over the smaller size. 100 ft. coils. Shpg. wt. 1 1/2 lbs.

24 Gauge, 7 Strands, size 12. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
45¢ 44¢ 43¢ 42¢

FILTERED AERIAL WIRE

Something entirely new in the antenna field. Designed on a revolutionary principle that gives revolutionary results. Composed of solid straight insulated wire with a helically wound enamel wire over it and extending its entire length. The straight inside wire is connected to a ground at each end and one end of the outside helically wound wire is connected to the aerial post of the receiving set. This wire picks up the very weak signals and because of the transformer principle, amplifies the signal. Also filters the signals before it enters the set. Shpg. Wt. per coil of 60 ft., 1 pound.

24 Gauge, 7 Strands, size 12. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
88¢



LEAD IN WIRE

Very good quality. The grade usually used for service work. No. 17 copper well insulated with pure rubber.

24 Gauge, 7 Strands, size 14. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
9¢ 8¢ 7 1/2¢

24 Gauge, 7 Strands, size 12. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
15¢ 14 1/2¢ 14¢

24 Gauge, 7 Strands, size 10. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
28¢ 27¢ 26¢

BEST GRADE LEAD-IN WIRE

A heavier and better grade than the above. Consists of a core of No. 14 tinned copper wire over which is a layer of durable rubber compound, covered with a layer of glazed cotton braid. Very strong and durable. Strips clean, solders easily.

24 Gauge, 7 Strands, size 10. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
14¢ 13¢ 12 1/2¢

24 Gauge, 7 Strands, size 8. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
26¢ 25¢ 24¢

24 Gauge, 7 Strands, size 6. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 4. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 2. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/2. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/4. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/8. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/16. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/32. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/64. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/128. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

24 Gauge, 7 Strands, size 1/256. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
50¢ 49¢ 48¢

MAGNET WIRE

Used extensively in experimental and commercial radio work; also for repairing generator and motor windings. One piece only to the spool. Sizes given are for standard B. & B. Gauge. Prices per spool. Shpg. Wt., 1/2 lb. spools, 8 oz.; 1/4 lb. spools, 1 lb.



Size	Stock No.	Price	Size	Stock No.	Price
18	2X20980	15¢	22	2X20982	17¢
20	2X20981	16¢	24	2X20983	18¢
22	2X20982	17¢	26	2X20984	19¢
24	2X20983	18¢	28	2X20985	20¢
26	2X20984	19¢	30	2X20986	21¢
28	2X20985	20¢	32	2X20987	22¢
30	2X20986	21¢	34	2X20988	23¢
32	2X20987	22¢	36	2X20989	24¢
34	2X20988	23¢	38	2X20990	25¢
36	2X20989	24¢			
38	2X20990	25¢			

1/2 lb. SPOOLS

Size	Stock No.	Price
18	2X20980	29¢
20	2X20981	30¢
22	2X20982	31¢

1/2 lb. SPOOLS

Size	Stock No.	Price
18	2X20980	29¢
20	2X20981	30¢
22	2X20982	31¢

Our Special Value Hook-up Wire

A very fortunate purchase enables us to offer exceptional values in the types of hook-up wire listed below. Guaranteed first quality in every respect, full lengths and gauges. If you use wire here's your opportunity!

22 GAUGE STRANDED
Seven strands of No. 29 cotton and rubber insulated with a covering of waxed cotton braid. Tinned. State your choice of following colors: Red, Yellow, Green, Blue, Black. Shpg. Wt., 25 ft. coil 6 oz.; 50 ft. coil 12 oz.; 100 ft. coil 24 oz.

25 ft. Coil 50 ft. Coil 100 ft. Coil
9¢ 17¢ 30¢

22 GAUGE SOLID
Same insulation as above. Tinned. Colors: Red, Black, Black with Red or Green Tracer. State Color wanted. Shpg. Wt., 25 ft. Coil 6 oz.; 50 ft. Coil 12 oz.; 100 ft. Coil 24 oz.

25 ft. Coil 50 ft. Coil 100 ft. Coil
9¢ 17¢ 30¢

20 GAUGE TWISTED PAIR
16/20 Stranded. Tinned. Rubber Covered with Cotton Braid. Idea for filament work. Black or Green Only. Shpg. Wt., 25 ft. Coil, 12 oz.; 50 ft. Coil 1 1/2 lbs.; 100 ft. Coil 2 1/2 lbs.

25 ft. Coil 50 ft. Coil 100 ft. Coil
18¢ 34¢ 60¢

HEAVY DUTY STRANDED
40 strands of No. 29 copper wire, 14 Gauge with layer of cotton under extra heavy pure rubber insulation. Tinned for easy soldering. Very pliable. Ideal for heavy duty filament in transmitting apparatus. Shpg. wts., 25 ft. Coil, 1 lb.; 50 ft. Coil, 1 1/2 lbs.; 100 ft. Coil, 2 1/2 lbs.

25 ft. Coil 50 ft. Coil 100 ft. Coil
35¢ 65¢ 120¢

EXTRA HEAVY STRANDED
60 strands of No. 29 tinned copper wire, 12 Gauge, insulated with pure, pliable rubber. Will safely handle 10 amps at 2 1/2 volts. Shpg. wts., 25 ft. Coil, 1 lb.; 50 ft. Coil, 1 1/2 lbs.; 100 ft. Coil, 2 1/2 lbs.

25 ft. Coil 50 ft. Coil 100 ft. Coil
48¢ 90¢ 175¢

HEAVY DUTY TWISTED PAIR
19 strands No. 25 tinned copper wire heavily insulated with a layer of cotton, a coating of seamless rubber and an outside covering of glazed cotton braid. Recommended for heavy duty work. Shpg. wts., 25 ft. Coil, 1 1/4 lbs.; 50 ft. Coil, 2 1/4 lbs.; 100 ft. Coil, 4 lbs.

25 ft. Coil 50 ft. Coil 100 ft. Coil
70¢ 140¢ 280¢

SPAGHETTI
The best quality spaghetti made. High grade cambric tubing impregnated with transparent varnish of great insulating qualities. Available in red, yellow, green or black. Specify color wanted. 30 inch lengths.

25 ft. Coil 50 ft. Coil 100 ft. Coil
70¢ 140¢ 280¢

SPAGHETTI
The best quality spaghetti made. High grade cambric tubing impregnated with transparent varnish of great insulating qualities. Available in red, yellow, green or black. Specify color wanted. 30 inch lengths.

25 ft. Coil 50 ft. Coil 100 ft. Coil
70¢ 140¢ 280¢

SPAGHETTI
The best quality spaghetti made. High grade cambric tubing impregnated with transparent varnish of great insulating qualities. Available in red, yellow, green or black. Specify color wanted. 30 inch lengths.

Colored Rubber

Hook-up Wire

No. 18 stranded and tinned copper wire covered with colored rubber compound. Solders instantly. 25 ft. to coil. Each coil in box. Colors black, red, or green; state color wanted. Shpg. Wt. per coil, 6 oz.

24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
16¢

10 coils for.....\$15.00

CORWICO BRAIDITE

A superior hook-up wire. Either solid or stranded and tinned copper wire covered first with cotton wrap and then a cotton braid, impregnated with compound. Impervious to moisture. Push braid braid while soldering, then replace it, thus forming the nearest possible connection. Furnished in the following colors: Red, yellow, blue, green and black. Specify color wanted. Shpg. wt. 1 lb.

24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
17¢

25 ft. in carton. List 30¢.

Your Cost Each.....
24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
20¢

PUSH-BACK WIRE

Size 19 copper wire, tinned for easy soldering. Insulation consists of a covering of white cotton next to wire which slips easily, greatly increasing the speed and convenience of your wiring job. This is an exceptionally fine grade of push-back and should not be confused with the common rubber-covered which some houses are panning-off as the genuine article. Colors red and black, state preference when ordering. Shpg. Wt. 6 oz. to coil of 25 ft.

24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
19¢

Your Cost Each.....
24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
35¢

Your Cost Each.....
24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
65¢

STRANDED PUSH-BACK WIRE

The same high quality as the above. Stranded and tinned. Size 18. This is the kind that makes the wiring job a pleasure. Red or black. Shpg. wt., 25 ft. Coil 6 oz.

24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
19¢

Your Cost Each.....
24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
35¢

Your Cost Each.....
24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
65¢

LITZ WIRE

Consists of 30 strands of No. 38 enameled wire twisted and covered with double silk. The correct wire for low-loss inductance coils. Approx. 120 ft. to coil. Shpg. wt., 1 lb.

24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
25¢

TINNED BUS WIRE

Size 14. Round tinned stiff solid copper wire. Best size for neat job. Solders easily. 2 ft. lengths.

24 Gauge, 7 Strands, size 18. Single Lots Lots of Lots of Lots of
Each 10, Ea. 25, Ea. 50, Ea.
15¢

No. 12 BUS WIRE

10 Lengths, Your Cost.....
100 Lengths, Your Cost.....
Shpg. wt., 10 Lengths, 1 lb.
25¢



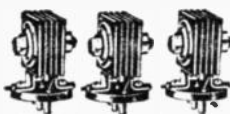
2A435—Type B-12
List, \$4.50—Your Cost...

B-L Rectifying Unit.
Type "B" full-wave rectifying units are made for such devices as dynamic speakers, "A" powers, battery chargers, signaling equipment, etc. Type B-12 is for such "A" eliminators as Acme, Sterling, Arco, Stewart, France, Galvin, Green-Brown, etc., and for such chargers as Knight, Valley, Webster, etc. Type B-16 is for Green-Brown, TYPE D Norden-HAUCK No. 3A, Tobe Deutschman, Webster, Valley type DMA, etc.
2A436—Type B-16
List, \$5.00—Your Cost...



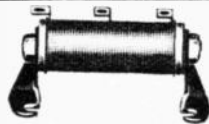
SCREW BASE RECTIFIER

Type "C" B-L Rectifiers are intended for use in chargers and "A" power devices which have been designed for rectifier bulbs. They are single wave type and will replace bulb rectifiers without change in wiring or performance. Type C-10 is 2½ amp. size with top connection pin for such devices as Acme "A" eliminator, Electron charger, Freshman "A" power, General Electric 277153 Bulb Charger, Handy Trickle Booster, Sterling Twin Charger, Westinghouse 2 amp. Bulb Charger, etc. Type C-210 is 2½ amp. with double base contact for Cooper "A" power, Cooper Charger, General Electric 277465 Bulb Charger, Sterling Trickle Charger Type R 103, Elect 289881 Trickle Charger, Type C-310 is 0.6 amp. for General Electric 289881 Trickle Charger. List Price \$4.00.
2A437—Type C-110
2A438—Type C-210
2A439—Type C-310



ELKON Replacement Rectifiers for Trickle Chargers. Type XB-4

For use with Elkon, National, Acme, Bernard, Cleveland, and Precision Chargers. 3 units usually required for each charger. Will last about 5000 hours. Shpg. Wt., 2 lbs.
2A429—List \$4.00
Your Cost per set of 3...



RCA RECTIFIERS

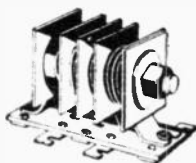
Radiola part No. 5898 for use with 106 Dynamo, Speaker A.C. and Radiola 41 A.C. 85 V. at 55 mls. The original part. Shpg. Wt., 4 lbs.
2W19205—
Your Cost Each
Per Pair

TUNGAR TYPE BULBS

First quality, thoroughly reliable units for use in chargers, "A" eliminators, etc. Guaranteed new and perfect merchandise.



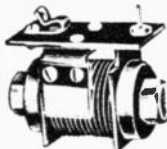
2Z21805—6 amp. bulb for Trickle Chargers.
Your Cost Each
2Z21906—2 amp. bulb with tip.
Your Cost Each
2Z21907—2 amp. bulb without tip.
Your Cost Each
2Z21908—5 amp. bulb.
Your Cost Each



ELKON Replacement RECTIFIERS

The recommended replacement unit for Majestic "A" eliminators. May also be used on following eliminators: Mayolian, Elkon, Philco, Webster, Knapp, General Inst., Metro, Fada, Bernard, Sentinel, and Briggs & Stratton. 3 amps.
2A431—Type XB16
List, \$7.00—Your Cost...

PHILCO-ELKON Replacement



Type
XP-
12

A dry metallic rectifying unit for Philcotron A and AA; replaces wet jar rectifiers in these units. Also suitable for Philco Trickle Chargers, "A" Powers, and "A" and "B" eliminators. Shpg. Wt., 3 lbs.
2A430—List, \$4.00
Your Cost Each...

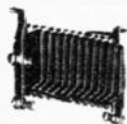
Elkon "A" Condensers

High capacity dry condensers, sealed in can 2x2x6¾ inches. Suitable for "A" eliminators and other filter systems where unusually high capacities are required.
Shipping Weight, 1 Pound.



2A425—750 Mfd. List \$3.50
2A426—1250 Mfd. Your Cost
2A427—1500 Mfd. \$2.65
2A428—2000 Mfd.

Genuine Kodak Kuprox Dry Disc Rectifier



\$1.45
Net

The original replacement unit for Kuprox "A" eliminators. Suitable for any "A" eliminator having an output of 1½ amps. at 6 volts, or A.C. speakers using the dry type rectifying unit. Has twelve widely spaced discs which make it entirely self-cooling. Delivers 1½ amps.
2A440—
Your Cost Each

EVEREADY AIR CELL



Developed to supply filament current to the new type '30, '31, '32 and '33 two-volt tubes. Inasmuch as the electrical characteristics of these new tubes differ in several respects from those of other tubes, the Eveready Air Cell Battery is not suitable for use with receivers employing other tubes. Because of the fact that the normal voltage of the cell is slightly higher than that actually required by the tubes it is guaranteed only when used in connection with a standard receiver designed for it. If purchased for use with a built up receiver special care should be taken to insert suitable resistors to keep voltage down to special care should be taken to insert suitable resistors to keep voltage down to that actually required by the tubes and to design the receiver so that the maximum drain will not exceed .65 amperes; otherwise tubes and battery may be seriously damaged. Cell will deliver upward of 1,000 hours' service to 7-tube receiver when used on a basis of 2½ to 3 hours per day. Shpg. Wt. 28 pounds.
2Y19973—List Price \$8.50.
Your Cost Each...

EVEREADY "A" "B" & "C" BATTERIES



Layerbilt Batteries are now the same price as ordinary batteries—they are far superior and have been higher in price until now.

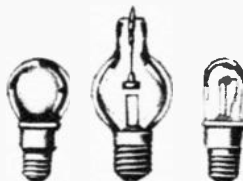
Stock No.	Fact'y No.	Volts	Size In. Long-Wide-High.	Unit Pkg. Quan.	List Price.	Dealers' Net Price Each in Unit Pkg Quantities	Dealers' Net Price Each in Unit Pkg Quantities	Shpg. Wt. Each
SUPER "B" BATTERIES								
2Y19951*	486	45	8½—4¾—7¼	5	\$2.95	\$2.28	\$2.07	17
2Y19974	870	45	8½—4¾—7¼	5	2.60	2.00	1.82	15
STANDARD "B" BATTERIES								
2Y19960*	485	45	8½—3½—7½	5	\$1.95	\$1.51	\$1.37	12
2Y19964	872	45	8½—3½—7½	5	1.75	1.35	1.23	11
2Y19962	779	22½	4½—3½—7	5	1.50	1.16	1.06	7
2Y19963	766	22½	6½—4—3	5	1.50	1.16	1.06	7
2Y19960	763	22½	3½—2—2½	5	1.50	1.16	1.06	3
"C" BATTERIES								
2Y19967	771	4½	4—1¾—3½	10	.40	.31	.28	3
2Y19968†	771T	4½	4—1¾—3½	5	.50	.38	.35	3
2Y19968	773	7½	4—¾—2½	5	.75	.58	.53	3
2Y19966	768	22½	4½—2½—2½	5	1.25	.97	.88	3
"A" BATTERIES								
2Y19972	7111	1½	6 x 2½	25	.50	.40	.35	3
PORTABLE BATTERIES								
2Y19969	762	45	4½—2¾—5½	5	2.25	1.74	1.58	6
2Y19965	781	4½	2½—¾—2½	5	.40	.31	.28	3
AUTOMOBILE BATTERIES								
2Y19970	796	45	8½—3½—7½	5	\$2.25	\$1.74	\$1.58	11
*LAYERBILT 14 Fahnestock Clips at +1, -1½, -3, -4½								

EXIDE RADIO BATTERIES

There is no better storage battery made than the Exide. Those listed below are made especially for radio uses and are fully guaranteed to give you service which is satisfactory in every way. Cases are of one-piece hard molded composition warranted not to crack or leak. We list various sizes and voltages to meet every radio requirement.



Stock No.	Voltage	Capacity	Plates	Your Cost
2Y19776	6	50 AHR	5	\$7.45
2Y19776	6	75 AHR	7	9.25
2Y19777	6	100 AHR	9	11.25
2Y19778	6	125 AHR	11	13.25
2Y19779	6	150 AHR	13	14.95
2Y19780	4	50 AHR	5	6.75
2Y19781	2	100 AHR	9	6.75



G. E. TUNGAR BULBS

Stock No.	Type	List	Net
2Z21900	Trickle	\$4.00	\$2.80
2Z21901	2 amp new	4.00	2.80
2Z21902	2 amp. old	4.00	2.80
2Z21903	5 amp.	8.00	5.60
2Z21904	6-12 amp.	8.00	5.60

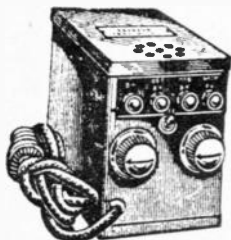
BALKEIT AND ABOX Power Units and Parts



No better Power Units were ever made than the famous Balkeit and Abox, they are the kind for which the demand never ceases. We are fortunate in being able to offer our customers brand new completed units in these lines as well as the original replacement parts for them—and our prices are the very lowest!

- 2P15675**—90 Volt Balkeit "B" Eliminator. List \$35.00. Your Cost **\$3.95**
2P15676—135 Volt Balkeit "B" Eliminator. List \$35.00. Your Cost **\$7.95**
2P15677—180 Volt Balkeit "B" Eliminator. List \$42.50. Your Cost **\$9.95**
2P15678—"A" and "B" 6-135 volt Balkeit Combination Unit. List \$64.50. Your Cost **\$15.95**
2P15679—"A" and "B" 6-180 volt Balkeit Combination Unit. List \$74.50. Your Cost **\$16.50**
2P15680—Model KX-135 "B" Eliminator and Trickle Charger. List \$39.50. Your Cost **\$6.75**
2P15681—Model K 1/2 Amp. Trickle Charger. List \$10.00. Your Cost **\$3.35**
2P15682—Model N 8 Amp. Trickle Charger. List \$12.00. Your Cost **\$5.50**
2P15683—Model H 2 1/2 Amp. Trickle Charger. List \$17.50. Your Cost **\$6.50**
2P15684—Abox "A" Eliminator 6 Volts. List \$35.00. Your Cost **\$11.95**
2P15685—One filling Electrolyte for Balkeit 90 or 135 volt Elim. or Trickle Charger. List 75c. Your Cost **44c**
2P15686—One filling Electrolyte for Balkeit H, J, N Chargers and 180 volt Elim. List \$1.00. Your Cost **59c**
2P15687—One filling Kob Solution for Balkeit or Abox "A" Elim. List \$1.50. Net **88c**
2P15688—Glass Cell Assembly for 90 and 135 v. Elims. List \$8.00. Your Cost **\$4.71**
2P15689—Glass Cell Assembly for 180 Volt Elims. List \$10.00. Your Cost **\$5.88**

STERLING "B" POWER SUPPLY for 3 to 8 Tube Sets



that have proper "C" batteries. Has four binding posts giving 22 1/2 to 135 volts at 50 mils. Efficient filter circuit eliminates hum. Dark green crystalline steel case 7 1/2 x 4 1/4 x 6 inches. Uses B-H type rectifying tube. Shpg. Wt. 12 lbs.
2P15692—For 50-60 cycle 110 volts A.C. List Price \$24.00. Your Cost **\$6.75**
 Complete with B-H Type Tube

DUMONT Bone Dry "A"

Eliminator
 Delivers 6 volts at 2 1/2 amperes, sufficient current to operate ten tubes. Efficient filter system which eliminates hum. Uses B-L dry rectifier. Has outlet for "B" eliminator and on-off switch. G-E Control Rheostat provides positive regulation of current.



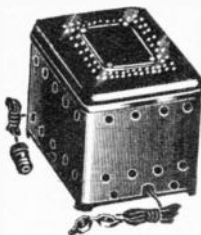
- 2P15690**—For 50-60 cycle, 110 volts A.C. Your Cost Each **\$8.90**
2P15691—For 25-40 cycle 110 volt A.C. Your Cost Each **\$12.00**

S-H AUTOMATIC RADIO CONTROL SWITCH



Connects Trickle Charger and "B" Eliminator to radio set and automatically switches Eliminator on and "A" Trickle Charger off when set is turned on, and reverses this process when radio set is turned off. Very convenient addition to socket power sets. Keeps protection against failure to switch on the "A" charger or cut out the "B" eliminator when set is not in use. Entirely automatic. Easy to connect. Brown crystalline finished metal case. Shpg. Wt. 4 pounds. Complete with extension cord and plug.

2P15693—List \$5.00
 Your Cost Each **49c**



ELKON TAPERING CHARGER

25-10-50-60
 Cycle
 110-120 volt.

\$2.25

The original Elkon Tapering Charger. Keeps the storage battery in just the right condition at all times. Charging rate varies with condition of battery—automatically adjusts itself to proper output. Maximum charging rate 1 ampere. Absolutely dry and noiseless. No corrosion or acid to spill. Requires no attention. Uses Elkon full wave rectifying unit which last 5000 hours under average conditions. Steel case, size 4 1/2 x 6 x 5 in high. For 6 volt batteries. Shpg. Wt. 9 lbs.
 Your Cost Each **\$2.25**

NATIONAL VELVET "B" Eliminator

This rugged unit has been designed with liberal factors of safety in all component parts. It is the only power supply, at this price, employing the long lived UX-280 full wave rectifier tube. Operates 1 to 6-tube sets, including power tube. Provided with Protective voltage adjustments, adjustable taps giving the following voltages: 22-45 for detector, 45-90 for r.f., 90-135 for Audio and full 180 volts at 35 M.A. for Power Tube (Non-adjustable). Fully licensed under R.C.A. patents. Silent. Hum-free output. Black crystalline case.
2H14380—List \$26.50.
 Your Cost with Tube **\$11.50**

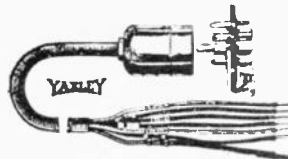


SUPER VELVET "B"
 A strictly heavy duty unit with output of 70 M.A. at 180 volts. Similar in appearance and operation to the above unit except that the 180 volt output is adjustable. Its output of 70 M.A. is sufficient to furnish current to receivers of from 1 to 9 tubes. Black crystalline steel case.
2H14381—List \$39.50.
 Your Cost with Tube **\$23.25**

HYDROMETER



A well made, dependable and accurate reading Hydrometer with live red rubber bulb and nozzle; beaded float.
2P15694
 Your Cost Each **32c**



YAXLEY CABLES AND CONNECTORS

Brings battery wires to set in one compact cable, easily disconnected for cleaning. Can not be connected improperly. R.M.A. color coded; tagged cables. Sub-panel types have bracket type male and round Bakelite female plugs.

- 2F6400**—Seven Conductor Cable 5 ft. long for sub-panel mounting **\$1.76**
 List \$3.00. Your Cost
2F6401—Twelve Conductor Cable 4 ft. long for sub-panel mounting **\$2.94**
 List Price \$5.00. Your Cost
2F6402—Seven Conductor Cable 5 ft. long with receptacle, no bracket **\$1.32**
 List Price \$2.25. Your Cost
2F6403—Mounting Bracket only **44c**
 List 75c. Your Cost



BATTERY CABLES

Five ft. cables complete with terminals
2Q16085—7 Conductor Your Cost Each **40c**
2Q16086—8 Conductor Your Cost Each **45c**
2Q16087—9 Conductor Your Cost Each **50c**
2Q16088—10 Conductor Your Cost Each **55c**

Battery Cables by the Foot

A high grade, well insulated cable. Each lead a different color for easy identification.

Stock	No. Wires	Per Ft.	100 Ft.
2Q16089	7	3c	\$2.50
2Q16090	8	3 1/2c	3.00
2Q16091	9	4c	3.50
2Q16092	10	4 1/2c	4.00
2Q16093	11	5 1/2c	4.75
2Q16094	12	6 1/2c	5.50
2Q16095	13	7c	6.00
2Q16096	14	8c	6.50

BATTERY CLIPS

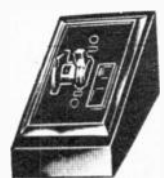
Lead coated clips, toothed jaws.



- 2Q16060**—1 1/2 inches long Box of 10, 28c; Per Pair **06c**
2Q16061—1 3/4 inches long Box of 10, 35c; Per Pair **08c**
2Q16062—2 1/2 inches long Box of 10, 50c; Per Pair **11c**
2Q16063—3 1/8 inches long Box of 10, \$1.00; Per Pair **22c**

MARK-TIME SWITCHES

These automatic time control switches have many applications in turning current on or off at any predetermined time. Has external dial marked in 15-minute divisions, which upon being rotated automatically delays the action of the switch according to the extent the dial is rotated. May be set for any period of delay up to 12 hours. Will turn current either on or off. Mechanism enclosed in attractively finished Bakelite case. Ideal for Battery Chargers, Electrical Appliances, or the Radio. No wiring necessary to connect. Shpg. Wt. 4 lbs.
2V18180—Table Model, size 5 1/2 x 3 1/4 x 2 1/4 inches. List Price, \$6.85. **\$4.69**
 Your Cost Each



WALL MODEL

Operates on same principle as above model except that mechanism is designed for installing in standard wall flush box. Capacity 10 amps., at 125 volts. Underwriters Lab. approved. Complete with Bakelite wall plate. Shpg. Wt. 2 lbs.
2V18181—List, \$4.50. **\$3.09**
 Your Cost Each



AEROVOX INTERFERENCE FILTER

Receiving sets are afflicted with a great many troublesome noises coming from electric signs, motors, washing machines, oil burners, etc., which can be eliminated by connecting this device between the receiver and the power supply. More effective when used in series with the power line supplying the interfering machine, yet accomplishes remarkable results when used at the radio outlet. A necessity for satisfactory reception in localities where noises are very pronounced. Complete with power cord.

2D3850—List \$6.50.

Your Cost Each.....\$3.70



HANDY PEN FLASHLIGHT



These new Pen-Lites are not merely novel—but dependable flashlights with long life replaceable batteries.

Slips conveniently into a man's vest pocket or a lady's purse and is equipped with a safety clip. Powerful illuminating bulb assures ample light. Batteries for this flashlight are procurable everywhere. Price 10c. each.

2Q16470—Premo Pen-Lite Flashlight—Regular Price (with battery) 75c. Our Price.....\$3.50

Dealer's Display of 12 Pen-Lites—Resale Value \$9.00. Our Price.....\$3.60

AEROVOX Interference Filter Type IN26



A lighter duty unit than the above. Very effective in reducing the noises in radio sets produced by electric fans and similar small machinery. Suitable for any A.C. line not exceeding 110 volts or any D.C. line of 200 or less volts. Most effective when used at the source of interference.

\$1.32

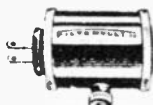
2D3851—List, \$2.25—Your Cost.....

I.C.A. FILTERVOLT Junior Model

Eliminates noises from the radio caused by heating pads, switching on and off lights, toasters, vacuum cleaners, etc. Plugs into power supply outlet and has receptacle for inserting radio power cable. Small, neat and compact.

\$1.70

2L12617—List, \$3.00—Your Cost.....



STANDARD MODEL

More than twice the filtering capacity of the Junior Model. Suitable for clearing lines which are made noisy by larger machines. An ideal low priced unit for use either at the radio or in the line supplying the machine creating the interference. List, \$5.00.

\$2.84

2L12617—Your Cost Each.....



I.C.A. SENIOR FILTERVOLT

A heavy duty model which filters out man-made static caused by electric signs, large electric motors, oil burners, and other larger machines. Can be used on all types of sets either A.C. or D.C. Housed in a neat metal japanned case size 5 1/2 x 6 1/2 x 3 1/2 inches. Equally effective on 25-60 cycle, 32-110 volts A.C. Complete instructions furnished.

2L12618—List, \$15.00

Your Cost Each.....\$8.45



UNIVERSAL RESISTOVOLT

Protects tubes, condensers and reduces hum by counteracting line voltage surges. Made by ICA.

2L12619—For sets using 6 tubes or less. 2L12620—For sets using more than six tubes. List Price, \$1.50.

Your Cost (either).....75c



AUTOMATIC LINE VOLTAGE CONTROL

A dependable voltage regulator. Small, neat, compact. Fits any standard outlet. For all AC sets up to 9 tubes. Keeps voltage at proper value at all times. Steel clad, air-cooled. Shipping weight, 1 lb.

2R16955—List, \$1.25, Your Cost.....\$3.50



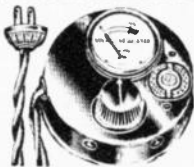
READRITE A.C. LINE VOLTAGE REGULATOR

\$3.70 Net

Very desirable for use ahead of A.C. radio sets where line voltage fluctuates. Saves tubes and condensers. Has dial and rheostat by means of which voltage may be adjusted to exactly 110 volts, portion of dial above this mark being in red, it is easy to notice when voltage rises above the danger mark. Baked enamel finish.

2K11060—List, \$6.50

Your Cost.....\$3.70

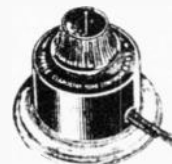


CLAROSTAT Tone Control

Permits the addition of this very desirable feature to all new and old receivers or electric phonographs not equipped with Tone Controls. Can be added without the necessity for making soldered connections or mounting the unit on the panel. Consists of a variable resistance housed in a neat case. Has two leads and wafers which fit between power tubes (or tube) and sockets. Easily installed without tools by anyone.

2F6800—List price, \$2.35

Your Cost Each.....\$1.38



PANEL MOUNTING TYPE

Mounts in single hole on panel. 1 3/4 inches in diameter, projects back of panel 3/4 inch. Fibre cover. Graphite element. No leads or adapters.

2F6801—List, \$1.50

Your Cost Each.....88c

2F6802—Adapters and Flexible leads for above. List, 50c.

Your Cost per Pair.....29c



I.C.A. VARITONE

A new product not to be confused with other type tone controls. A scientifically designed device that will make even old and inferior receivers bring out the deep tones and delicate shadings as pleasingly as the new ones. The proportions of treble and bass notes given off by the speaker may be regulated at will. Equipped with two flexible leads and adapters that fit beneath the power tubes. May be used on sets having either single or double power tubes. Attractively finished case. No tools needed to install. Full directions furnished.

2L12614—List Price, \$3.00

Your Cost Each.....\$1.76

Panel Mount VARITONE

Functions the same as the above except that it is designed especially for those who desire to mount a Tone Control on the panel of the radio set. All that is necessary to connect is to drill a 3/8 inch hole in the panel, mount the Varitone and connect the adapters under the power tubes. Where only one power tube is used the second adapter is cut off and connected to the ground post of the receiver.

2L12615—List, \$2.25

Your Cost Each.....\$1.32



AMPERITE Self-Adjusting LINE VOLTAGE CONTROL

Any radio set equipped with Amperite Voltage Regulator Tube will afford better reception. AMPERITES automatically controls voltage variations that come in on the electric supply line. They insure smooth, even volume and a richer, uniform tone. Amperite also subdues crackles and other noises which often spoil radio programs. Amperites protect the tubes and other finely balanced parts against sudden electrical surges which may seriously damage them. They are easily and quickly installed by cutting one wire of power supply cord to set and connecting the two cut ends to adapter socket of Amperite tube. There is an Amperite for every make and model of A.C. set—in ordering, it is only necessary to specify make, model, number and type of tubes used. Full directions are furnished with each tube.

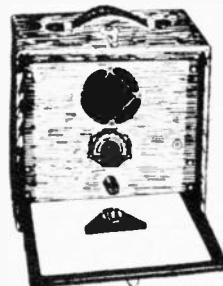
2Z21909—List, \$3.00

Your Cost, Any Type.....\$1.62

Six or more Amperites bought from us in any 30-day period entitles you to rebate of 12c on each tube.

AMPERITE SOCKETS

2M13130—Adapter for inserting Amperite in line. List, 35c—Net.....19c



I. C. A. Universal Radio A. C.-D. C. 1 Set takes the Place of 3

The I.C.A. Universal Companion answers the world-wide demand for a single radio usable on either A.C. or D.C. (105 to 120 volts) and also on battery power (6 volt storage A battery or dry A battery and 135 volts B battery). The circuit is the last word in radio using the new 6.3 screen grid heater tubes, allowing considerable voltage variation without effecting reception. Change-over from A.C. or D.C. to battery operation is accomplished by merely inserting a plug which is furnished with each receiver, into either one of the sockets marked for electricity and for battery. No change of tubes. Only a short antenna or ground connection is necessary for perfect reception. A special jack is provided for head phone use. Has volume control, built-in speaker, and single dial control. Handsome leatherette carrying case 12x11x8 1/2 inches. Tubes used: 3-37s, 2-36s, and 2-33s (Arcturus recommended). Shpg. Wt. 20 lbs. (No Tubes). List Price \$39.50.

2L12621—Your Cost, Each.....\$23.33

Complete set of 7 Arcturus tubes for above set. Your Cost \$4.55.

NEW READRITE INSTRUMENTS

DIRECT READING OHM-METER

Models
500 & 502

Mounted in seamless steel cases 4 inches in diameter. Model 500 provides direct readings of ohmmages up to 10,000 and D.C. volts up to 4.5 Model 502 furnishes readings to 10,000 ohms on one scale and up to 40 ohms on second scale for voice coils and shorted turns of IP transformers. Both are complete with a small 3 cell flashlight battery and leads.

2K11020—Model 500. \$3.53
List, \$6.00. Your Cost

2K11061—Model 502 \$4.12
List \$7.00 Your Cost Each

RESISTANCE METER

No. 501. The same meter as that used in the above instrument. Has flange for panel mounting. A thoroughly reliable instrument at a popular price. Requires 3 small flashlight cells, which with resistance to be measured are connected in series with meter. Used for testing resistance in radio sets and circuits generally. Fine for continuity tests. Extreme diameter 2 1/2 inches. Shpg. Wt. 1 lb

2K11021—List \$2.50 \$1.47
Your Cost

CAPACITY METER

No. 800. For testing paper type condensers only. The A.C. meter reads directly in microfarads, .008 to 10. Contains rheostat, switch, test leads, and plug for A.C. 60 cycle connection. In a seamless metal case 4 1/2 inches in diameter, baked enamel finish. Full instructions and charts are furnished for testing from 10 to 400 henrys, and resistances of from 40 to 100,000 ohms. Shpg. Wt., 3 lbs.

2K11022—List \$8.00 \$4.70
Your Cost

OUTPUT A.C. VOLT-METER

No. 575. A reliable instrument for indicating the output voltage of a radio set. Used for lining up r.f. and i.f. stages by determining maximum gain; also comparing gain of tubes, r.f. tuner selectivity, hum, and fading. A practical low priced voltmeter with copper oxide rectifier of the full-wave type. Furnished with test leads. Seamless steel baked enamel case 4 1/2 inches in diameter. The assembly includes voltmeter, rectifier, jacks and condenser. Full directions for operation furnished. Shpg. Wt., 3 lbs.

2K11023—List price \$6.00 \$3.53
Your Cost Each

PANEL TYPE

meter and jacks are mounted on a metal panel size 3 1/4 x 4 inches. Shpg. Wt., 3 lbs.

2K11024—List \$5.00 \$2.94
Your Cost Each

NEW SET TESTER

ADAPTER

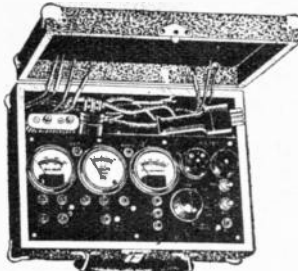
The new 705 adapter provides for testing tubes where A.C. is not available. The ordinary analyzer is plugged into the socket. A.C. and D.C. tubes are then tested in the set tester. The selector switch provides for testing all types tubes. List Price \$6.50.

2K11062— \$3.92
Your Cost

TESTING REDUCED TO SIMPLICITY With These New READRITE Testers No. 700

This three meter Tester is equipped with a practical selector switch for checking all parts of the tube circuits by connecting to the set sockets. Selection for testing voltages of plate, grid, cathode, and screen is done quickly and accurately. Plate current, filament volts, also line and power supply volts are measured. The grid swing test for tubes is used. Just push one button for screen grid and another for other tubes. Makes testing of all type tubes simple and thorough. A 4 1/2 volt grid battery is furnished. This battery is also used for continuity testing of transformers, chokes, etc. Capacity and resistance charts are furnished showing use of instrument for testing condensers and measuring resistances up to 100,000 ohms. The eight scale reading of the meters may be used separately with the jack terminals provided. The scale readings are 0-20-60-300-600 D.C. volts; 0-10-140-700 A.C. volts; 0-20-100 milliamperes. Both A.C. and D.C. filament voltages are accurately measured on one instrument.

2K11063—106-700 combination in one case List Price \$50.00. \$29.40
Your Cost Each



Housed in a strong case with leatherette covering. Attractive, compact and complete. Fills every need for the expert serviceman or the beginner for radio set testing. Removable cover. Size, 10 1/2 x 3 1/2 x 8 inches. Shpg. Wt., 9 lbs.

2K11026—List Price, \$25.00.

Your Cost, \$14.70

Each \$29.40

"600" SET ANALYZER Same Equipment as in Model "700"



The No. 600 contains the same equipment as No. 700. The carrying case is larger with leatherette covering and equipped with lock. Space 6 1/2 x 13 1/2 x 4 1/2 inches deep for carrying tubes, tools, etc. The test equipment and panel is in a removable tray in the top of the case. The tray equipment may be used separately as a complete test panel for shop purposes. Size 14 1/2 x 7 1/2 ins. Shpg. Wt., 12 lbs.

2K11049—

List Price, \$30.00 \$17.64

Your Cost Each

2K11050—Case Only \$3.53

List, \$6.00 Your Cost Each

406-107 COUNTER TUBE TESTER

An ideal tester for Dealer's use in checking both new and old tubes. Easy to operate. No adapters are necessary for testing all present day type tubes. Connects to AC supply line. A single push-button provides two plate current readings for determining the conductance and worth of a tube. Resistor tubes tested the same as other types, by new feature. A separate button provides for testing the second plate '80 tubes. Meters connected in tip jacks. Attached to the meter is a small protecting fuse. Meter has illuminated dial. In addition to above Model 407 provides tests for all shorts, gas and leakage under operating conditions. The dial pilot light is also used to indicate the shorts gas and leakage condition. Model 406 does not include this feature but is otherwise identical with Model 407. Size 10 1/2 x 7 1/4 inches. Shpg. Wt. 9 lbs



Service Test Oscillator No. 550

A completely shielded Oscillator, self modulated. Covers entire broadcast and intermediate bands. Direct reading tuning dial for intermediates 120-185 k.c., 50-150 k.c. broadcast range. Sharp second and third harmonics cover intermediates 260-262 and 475 k.c. Has shielded antenna wire. The heavy metal panel contains the tuning control, direct reading dial with wide swing; ample spacing of scale divisions for easy reading. Two switches

control the circuits. Rotating switch has two positions for broadcast and intermediate. Toggle switch connects the batteries and prevents unnecessary drain when apparatus is not in use. The attenuator control and tube and battery compartments are separately shielded. Calibration is controlled by trimmer condenser, accessible through panel. Oscillator carefully calibrated at factory and the indicator made to track over the entire scale of both bands. Trimmer can be adjusted and instrument rechecked in a moment. Very compact, leatherette case with leather handle and rubber feet. Removable cover. Full operating instructions, batteries, one '30 type tube, test lead wires are furnished. Used to align r.f. gang condensers, locate defective i.f. transformers, check oscillator stage, compare gain in tubes and determine sensitivity of receivers. Size 6 1/2 x 5 inches. Shpg. Wt., 11 lbs.

2K11029—Without Output Meter. List, \$30.00 \$17.64

Your Cost Each

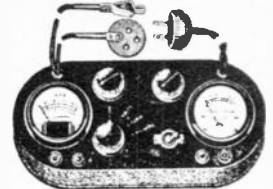
2K11030—With Output Meter. List, \$35.00 \$20.58

Your Cost Each



FREE!

This handy Neutralizing Tool sent FREE with each ANALYZER Listed in this Catalog.



CAPACITY TESTER NO. 850

Tests Both Paper and Electrolytic Condensers

A new instrument with two voltmeters that will accurately test the capacities of all types of condensers including electrolytic. A.C. meter dial is calibrated for direct reading in microfarads. The double scale reading is .008 to 10 mfd. for paper condensers. A.C. meter connects to 60 cycle supply line and is adjusted to 100 volts. A switch controls the setting for reading high and low scales. Leaky and faulty electrolytic condensers are easily detected with this instrument. They may be tested without removing them from the radio chassis. A very practical and convenient instrument. Complete with test leads and necessary accessories. Seamless steel case. Shpg. Wt. 5 lbs.

2K11031—Without Cover, List, \$15.00 \$8.82

Your Cost Each

2K11032—With Cover, List, \$17.00 \$10.00

Your Cost Each

READRITE EXPLORING COIL

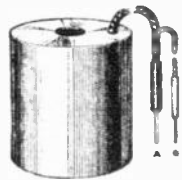
No. 525

2K11033—

List, \$3.50

Your Cost

\$2.06



Designed for Servicemen's use in locating r.f. trouble. The preferred use is in conjunction with a signal supplied by an oscillator, which is induced into the grid of the tube when the Exploring Coil is placed around the tube. A big time saver. Trouble is traced by eliminating parts of the circuit where it is found that the induced signal from the Exploring Coil is satisfactory. In the Superheterodyne circuit this coil is used also for peaking the intermediate stages. When used with an output meter the amount of gain may be determined by bringing to resonance the parts of a r.f. circuit. Both coil and wire are shielded. Baked enamel finish. Full directions for using are furnished. Shpg. Wt., 1 lb.

SOCKET TESTING VOLT-METERS

Accurate
Reliable
Convenient



2K11034—Plate Voltmeter 0-300 volts 92,640 ohms. List \$3.00 \$1.76

Your Cost Each

2K11035—Grid Voltmeter 0-50 volts 15,440 ohms. List \$3.00 \$1.76

Your Cost Each

2K11036—Filament Voltmeter A.C. D.C. 0-10 volts 100 ohms. List \$2.50 \$1.47

Your Cost Each

2K11037—Plug in Line Voltmeter 0-150 volts A.C. D.C. List \$3.00 \$1.76

Your Cost Each

We Guarantee to Please You and Save You Money.

WESTON RADIO INSTRUMENTS



MODEL 566 Type 3 RADIO SET TESTER

Tests Pentode Tubes without the use of Adapters—Tests every type of Broadcast Receiver and checks all Type Tubes in the Set.

This versatile instrument tests with tester plug in Radio Set: All Filament Voltages . . . All Heater Voltages . . . Two Cathode Voltages . . . Three Bias Voltages . . . Two Control Grid Voltages . . . Two Plate Voltages . . . Screen Currents . . . Bias Voltages on D. C. Sets with Reverse Filaments . . . Space Charge Grid Volts (on 250 volt range) . . . Charge Grid Current (on 25 M.A. range) . . . Readings of Both Plates of Rectifier Tubes . . . And Three Plate Current Ranges.

External Tests That Can Be Made.

Measurement of Power Transformer up to 1,000 Volts A.C. Line Voltage Measurements on the A.C. Meter. Heater Voltage at Power Pack. Three Ranges on A.C. Meter. Plate Current at "B" Supply Taps. Three Ranges on D.C. Meter. "A", "B" and "C" Battery Voltages. Six Ranges on D.C. Meter. Continuity Tests, using self-contained 4½ volt battery and the D.C. voltmeter with a resistance of either 1000 or 100 ohms per volt as desired. Resistance Measurements—the D.C. Voltmeter also serves as a Direct Reading Ohmmeter with ranges of 0-10,000 or 0-100,000 Ohms. Condenser Measurements can be made from .001 (By-Pass) to 2 microfarads from 110 volts A.C. line without resistors or adapters. Tube Checker for all Filament and Heater Type Tubes under the same condition as exists when in their sockets. Input to Radio Set on 4 ampere A.C. Range and Small A.C. Measurements such as Current in Voice Coil or Speaker, etc., using the A.C. 100 or 20 M.A. range. Rectifier Type Output Meter—Range 100/5 volts.

Instruments

Two 3¼ inch Weston panel models, an A.C. Model 476 with ranges of 1000/200/16/8/4 volts, 8 and 4 amperes and 100 and 20 M.A. and a D.C. model 301 with ranges of 1000/250/100/25/10 volts, 0-10,000 and 0-100,000 ohms and 100/25/2.5 M.A.

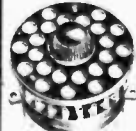
Switches

A.C. instrument ranges are controlled by a dial switch and the D.C. instrument ranges by a 23 point bi-polar switch. The Model 301 is also provided with a polarity reverse switch with an off and on position, for cutting meter from circuit when desired. A voltmeter toggle switch is provided for pentode tubes—no shunting of filament to cathode.

Accessories

Necessary Tube Sockets, Adapters, Tester Plugs, Battery Adjuster, Pin Jacks and Test Leads for making all tests are furnished. Set is complete and self-contained in a rugged Bakelite case with removable snap-on cover. Outside dimensions 12¼x9½x3 inches. Shpg. Wt., 11 lbs.

2J10880—Weston 566 Set Tester, List, \$115.00.
Your Cost Each **\$84.53**



BI-POLAR Switch

A Laboratory and Technicians item for use in the construction of Test Equipment. Has Bakelite dial with openings for index markings. Shpg. Wt., 1 pound.

2J10886—8 Active Positions, List, \$4.25. **\$2.72**

2J10887—23 Active Positions, List, \$11.00. **\$7.01**

WESTON TEST LEADS

Handy 50 inch Test-Leads with welded polished steel contact points—securely soldered connections—strong covering material to withstand wear and abrasion. Insulation tested to 5000 volts. These Test-Leads as all other Weston equipment, are of the very finest quality and should not be confused with cheap merchandise. Shpg. Wt., 6 Oz.

2J10889—List Price, \$1.25. **94¢**
Your Cost Per Pair

Weston Electrical instruments are universally recognized as the best that money can buy . . . Standard equipment in many laboratories of big universities and engineering organizations where dependability and absolute accuracy is of paramount importance. The Radio Serviceman or Engineer who selects Weston has the satisfaction of knowing that he has the very best.



565 Type 5 SET TESTER

A 3-Meter Test Set having an Oscillator, a Checker for A.C.-D.C. Tubes and a Complete Set Tester for all type of A.C.-D.C. Sets. . . . Checks Pentodes without Adapters. . . .

Tests with Tester Plug Inserted in Radio Set: All Filament Voltages . . . All Heater Voltages . . . Cathode Voltages . . . Four Bias Voltages . . . Two Control Grid Voltages . . . Two Plate Voltages . . . Three Plate Current Ranges . . . Bias Voltages on D.C. Sets with Reverse Filaments . . . Convenient Readings of Both Plates of Rectifier Tubes . . . Two Screen-Grid Current Ranges . . . Space Charge Grid Volts on 250 Volt Range . . . Charge Grid Current on 25 M.A. Range.

External Tests That Can Be Made

Measurement of Power Transformers up to 1,000 volts A.C. Line Voltages Measurements on A.C. Meter. Heater Voltages at Power Pack. Plate Current at "B" Supply Taps. "H" Supply at "A", "B", and "C" voltages. Continuity Tests. Resistance Measurements. Condenser Measurements. Tube Checker (Checker operates directly from any 50-60 cycle 90 to 130 volt A.C. line) Input to Radio, Filament or Heater currents, and an R.F. Oscillator with three frequencies for Neutralizing and Synchronizing and Testing, Radio Sets when no broadcast signal is available (Grid Dip Meter).

Equipment

Instrument equipment consists of three 3¼ inch Weston meters: an 8 range A.C. Model 476 for 1000, 200, 16, 8, 4 volts; 8, 4 ampere and 100 milliamperes; an 11 range D.C. Model 301 for 1000, 250, 100, 50, 25, 10 volts, 0-100,000/0-10,000 ohms and 100/25/2.5 M.A. and a Rectifier Type Output Meter, range 100/5 volts. Various ranges of meters are controlled by a polarity reverse switch and a 23 point bi-polar switch. Ranges of A.C. meters are controlled by a 9 point bi-polar switch. Equipment also includes a modulated RF oscillator, a checker for A.C. and D.C. tubes and a Condenser Meter. All necessary Plugs, Adapters, Tester Plug, Battery Adjuster, Pin Jacks and Test Leads. Completely self-contained in strong oak case with snap-on cover. Outside dimensions, 13¼x11¼x4¼ inches. Shpg. Wt., 17 pounds.

2J10881—Weston Model 565, List, \$187.50.
Your Cost Each **\$137.82**



Model 563 D.C. CIRCUIT TESTER

An instrument for checking resistance values and continuity of circuits. A few typical examples of its many uses are as follows: Telephone Apparatus and Circuits, Radio Transmitting and Receiving Sets, Fire and Burglar Alarms, Household Electrical Appliances, Ignition Systems on Automobile, Motorboat and Airplane Engines, Small Electric Motors and Transformers, Electric Refrigerators, Oil Burners, etc. Compact and completely self-contained. Consists of a model 301, 3¼ inch meter having two resistance ranges—5,000 and 50,000 ohms—mounted in a black Bakelite case with a Bakelite panel. Has a toggle switch for range selection and a leather strap carrying handle. A pair of 50 inch Test Leads supply with instrument. A special feature of this instrument is a voltage adjuster located at the top of the case to compensate for change in potential of the self-contained battery. Dimensions: 3¼x3.7x16x2¼ inches. Shpg. Wt., 2½ pounds.

2J10888—Weston 563 Circuit Tester, List Price, \$21.00. Your Cost Each **\$15.44**

Model 590 I. F. and R. F. OSCILLATOR



A New Weston Instrument for Aligning I.F. Stages, Aligning of Gang Condensers, Determining Sensitivity of Receivers, Checking R.F. Transformers and Condensers, Making Selectivity Tests and Checking the Oscillator Stage of Radio Receivers.

A very complete and practical Signal Generator. Has Intermediate Frequency Range of approximately 110 to 200 KC and a Broadcast Range of 500-1500 KC. Frequencies between 200 and 550, and above 1500 KC obtained by means of harmonics. Has instrument mounted on top of panel which serves as Grid Dip millimeter, Filament Voltmeter and Plate Voltmeter. Connected across plate and Filament circuits by means of push-button switch. Two type 30 tubes are used in the Oscillator to produce an audible note of 400 cycles with 30% modulation. Oscillator output controlled by a special attenuator. Has connection through an adjustable coupling condenser which allows the Grid Dip meter to be used for determining the resonance point of any coil and condenser circuit within range of the oscillator. Batteries for operating oscillator contained in a shielded compartment in end of case. Batteries will give over 20 hours of continuous service. An output meter is a necessary accessory for this instrument and a compartment has been provided in the case for a Weston Model 571 (fully described below). Dimensions 16¼x6¼x5½ inches. Shpg. Wt., 15 pounds.

2J10882—Weston 590 Oscillator, Less Tubes, Batteries and output meter. List, \$105.00 **\$78.75**
Your Cost Each

WESTON Model 571 OUTPUT METER



A rugged portable instrument that is especially useful in checking radio sets, sound projecting equipment and public address systems. Measures Voltage Output and computes Power Output of radio sets, determines maximum gain when lining up R.F. and I.F. stages of radio sets. Compares the gain of radio tubes, determines gain when a calibrated input voltage is applied to radio set or audio amplifier. Measures comparative selectivity of R.F. tuners. Used to observe period and percentage of fading and to keep volume of sound projection equipment at an approximate constant value; and to determine the amount of hum. Consists of a five range copper oxide rectifier type voltmeter enclosed in a sturdy Bakelite case with ranges of 150, 60, 15, 6 and 1.5 volts. A non-inductive impedance of 4000 ohms for all ranges. Size of case, 5¼x3¼x2¼ inches, (fits in specially provided compartment in above oscillator). Shpg. Wt., 2 pounds.

2J10883—Weston Output Meter Model 571, List Price, \$30.00. **\$22.95**
Your Cost Each



Model 564 Volt-Ohmmeter

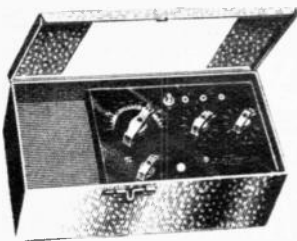
A compact instrument for voltage, resistance measurements and continuity tests. Its simplicity and scope makes it suitable for many purposes such as for shop and factory tests, for laboratory use, and as accessory equipment for servicemen. Its equipment consists of a Weston D.C. model 301 with four voltage ranges of 600/300/30/3 volts (all 1000 ohms per volt) and two resistance ranges of 0-100,000 and 0-10,000; a self-contained "C" battery and a high grade pair of 50 inch test leads. All ranges are brought out to binding posts and two toggle switches are provided, one to connect the meter in circuit as a voltmeter or ohmmeter and the other to change the sensitivity of the instrument from 1 to 10 M.A. when using the 100,000 or 10,000 ohm scale. Case dimensions, 5¼x3¼x2¼ inches. Shpg. Wt., 3 lbs.

2J10884—Weston 564 Volt-Ohmmeter, List Price, \$37.50. Your Cost **\$27.57**

WESTON Radio Plug

A superior Radio Plug having a patented device that locks phone tips when they are inserted in the plug. To release them simply press two handy release pins. U.S. patent No. 1,498,198.

2J10885—List 60c **38¢**
Your Cost Each



JEWEL TEST OSCILLATOR Pattern 563

This instrument combines every Oscillator feature necessary for servicing modern radio receivers and Jewel dependability at a very low price. Output adjustable to any frequency in the broadcast band from 550 to 1500 KC and in the two intermediate bands of 125 to 185 KC and 175 to 450 KC. Completely shielded. Operates from self-contained batteries, carried in the case. Output continuously variable from zero to maximum. A separate high output is provided for neutralizing. Single control adjusts output frequency. Three position switch allows instant change to any of the three frequency bands. Calibration curve for each wave band carried in cover. Filament rheostat and tapped "A" battery provides proper filament voltage at all times. Trimmer adjustment permits spotting at any much used intermediate frequency at a convenient point on the dial. Handsomely finished metal carrying case with space left for Jewel pattern 559 Output Meter. 2J10251—Jewel 563 Test Oscillator completely equipped with shielded output lead, calibration curve, instruction chart, type 30 tube and all necessary batteries. Less Output Meter. **\$35.50**

List Price \$47.50. Your Cost Each

JEWEL 559 OUTPUT METER

Allows the relative output of a receiver to be determined visually. Consists of a Jewel 2 1/2 inch D.C. instrument in a full wave copper-oxide rectifier circuit, housed in a molded Bakelite case equipped with a non-shatterable glass scale cover. Furnished complete with long test leads and an adapter. 2J10252—Jewel pattern 559 Output Meter. **\$14.70**

List Price \$26.00. Your Cost

VOLT-OHMMMETER JEWEL 574



A double scale meter reading 0-100,000 ohms and 0-300 volts. Resistance range may be decreased to 1/10 its value and voltage range can be increased to 600 or reduced to 3 or 30 volts. Has a resistance of 1000 ohms per volt. Bakelite panel, beautifully finished case. Furnished complete with Test Leads and self-contained battery Shpg. Wt. 5 lbs

2J10253—
List Price, \$35.00
Your Cost Each

\$26.10

OHMMETER JEWEL Pattern 89

These instruments are mounted in cases of molded Bakelite with suitable terminals. A 1 1/2 volt cell, mounted in the case, makes it independent of outside sources of energy. A magnetic shunt provides convenient adjustment to compensate for variations in cell voltage. Very accurate. 2J10255—0-1000 ohms. **\$12.13**
List \$16.50. Your Cost
2J10256—0-3000 ohms **\$12.13**
Your Cost Each
2J10257—0-30,000 ohms **\$12.13**
Your Cost Each



PATTERN 89 VOLTMMETER

Similar in appearance to the above ohmmeter except that instrument reads 0-30-300-600 volts, 1000 ohms per volt. 2J10258—Jewel 89 Voltmeter. **\$18.37**

Your Cost Each

SUPREME DIAGNOMETER AAAI



The five major testing operations are all made by this advanced and improved Diagonometer: (1) Analyzer, (2) Tube Tester, (3) Shielded Oscillator, (4) Ohmmeter-Megohmmeter and (5) Capacity Tester. It is really a portable Radio Laboratory. Analyzer circuit consists of a universal AC DC multimeter of the copper oxide rectifier type with a tandem selector switch and a DC milliammeter which is always connected in the plate circuit. This provides readings of circuits and tubes under analysis without manipulation of switches. Provision is made for testing old style battery sets as well as the newest A.C. sets. Tube Checker circuit includes five tube testing sockets with necessary switches for testing all types of tubes including pentode and variable mu. Another valuable feature of the Diagonometer is the completely shielded and attenuated Oscillator which is designed for tuning over a range of approximately 90 to 1500 kilocycles. Frequencies higher than 1500 KC can be calibrated when desired by means of harmonics. Suitable for all r.f. and i.f. adjustments. For resistance measurements the Diagonometer is equipped to determine resistances up to 500,000 ohms and 0-5 megohms. A Capacitor Tester for testing condensers from approximately .002 to 10 mfd is also provided.

YOU NEED THE AAAI DIAGNOMETER

Nothing else is needed for the modern service department and when you go out on a service call your complete service department goes with you in one compact instrument. All necessary accessories are included for use with the Diagonometer, including analyzer plug, cable, power supply plug and an 85 page booklet of radio data. Hardwood carrying case 6 1/2 x 11 1/4 x 1 3/4 inches. **\$144.55**

2K10950—Your Cost Each

JEWEL Pattern 531 PROFESSIONAL SERVICE COMBINATION

Consists of a 444 Set Analyzer and a high grade Oscillator complete with Tubes, batteries and Accessories.

Here are combined in a single unit all the testing equipment the Radio Serviceman needs for quickly and accurately performing every service task. Included are a Jewel 444 Set Analyzer, an Oscillator and a power unit that supplies all necessary power for testing tubes with the analyzer. No separate output meter is needed for radio frequency adjustments, as receiver output measuring ranges are available in the set analyzer. The pattern 444 Set Analyzer provides for set circuit tests, and when used with the tube testing power pack, any tube may be accurately and conveniently tested. The Oscillator provides a radio frequency signal for quickly making all adjustments in any RF circuit.

2J10250—Jewel Pattern 531 Professional Service Combination complete with Test Oscillator, Set Analyzer, Tube Testing Power Unit, necessary Tubes, Batteries, Leads and Accessories in durable and handsomely finished case. List \$186.00 **\$136.71**

Your Cost Each

DAYRAD TYPE "L" Portable TUBE CHECKER

Will check all standard types of radio tubes including Pentodes, Multi-Mu's, the new 2 volt types, '30, '31, '32, and '33 and the new 6 volt auto tubes ('36, '37, and '38) as well as special types such as Kellogg, Cardon, etc. Separate tests are made for each plate of 80 rectifiers. Tests "end of life", shorts circuits, open circuits, and other troubles of radio tubes. D'Arsonval movement meter. Case of molded Bakelite. Push buttons colored for ease of identification able or counter use. Size 7x6x3 1/2. 2K10901—For 110 volt 60 cycles. **\$22.05**
2K10902—For 110 volt 25 cycles. **23.52**



An ideal instrument for port-inches. **\$22.05**
Your Cost Each **23.52**

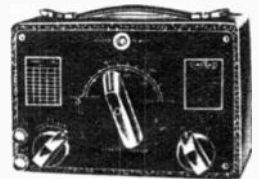
DAYRAD OSCILLATOR

For all Intermediate Frequency alignments between

170-185KC
127-133KC
25 1-266KC

Powerful harmonics are developed for rapid and accurate alignment of stages in broadcast band (550-1500 KC). A self modulated radio frequency oscillator which generates signals in the IF bands.

Harmonics of these signals are utilized when the oscillator is used to align RF stages in the broadcast band. Provided with a variable output control for governing the amount of RF energy to be supplied to the receiver. Shielded dummy antenna and input adapter are supplied with the instrument. Case of cast aluminum. Requires one No. 2Y19962 (or Burgess 5156) Eveready B battery, two No. 2 flashlight cells and one type 30 tube for operation. 2K10900—Dayrad Type 175 Test Oscillator. Less tubes **\$22.05** and batteries. Your Cost Each



SUPREME Model 90 ANALYZER

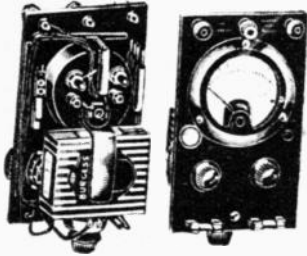
In straight analytical work, the Model 90 provides five current ranges for reading of plate current, screen grid current, second plate full wave rectifier current, power pentode current and space current of r.f. pentode amplifiers, while voltages are provided for reading AC and DC plate voltages, AC and DC filament or heater voltages, positive and negative cathode voltages, and all other necessary voltages of modern radio set testing. It is the only commercial analyzer providing complete rectifier circuit analysis, including helium rectifier circuits. Provisions are made for screen grid analysis without causing the circuit to oscillate. All potential readings in both AC and DC are available in the following ranges: 0-2.5, 0-10, 0-100, 0-250, and 0-1000 volts. All current readings both AC and DC in the following ranges: 0-2.5, 0-10, 0-25, 0-100, and 0-250 milliamperes. Model 90 Analyzer is also provided with an ohmic scale for direct reading of resistances up to 500,000 ohms. A 1000 ohms per volt sensitivity is applicable for all AC potential measurements so that the analyzer may be used as an output meter. Handsome hardwood case size, 4 1/4 x 9 1/4 x 1 1/4 inches. **\$76.93**

2K10951—
Dealers' Cost Each



PRECISION TESTING ANALYZER KITS AND ACCESSORIES

ACCURATE UNIVERSAL TESTER



The Tester of the year, easy to build and inexpensive to buy. Does as much as that of a three meter job. Meets practically every testing requirement of the serviceman. Combines a three scale ohmmeter reading 0-1000; 0-10,000 and 0-100,000 ohms; a three scale A.C.-D.C. voltmeter reading 0-50; 0-250; and 0-1,000 volts; a four scale A.C.-D.C. milliammeter reading 0-1; 0-5; 0-25; and 0-100 milliamperes—all in one compact instrument measuring only 4 x 6 1/4 inches. Complete list of parts necessary for constructing this instrument.

1—Weston 301 Universal Meter.....	\$13.97
1—D.P.D.T. Reversing P.B. switch.....	.94
1—Tri-polar switch, 10 position.....	2.37
1—Tri-polar switch, 3 position.....	1.55
1—"On-Off" switch.....	.15
1—1,000 ohm Rheostat.....	.44
3—Binding posts and jacks. Each.....	.30
1—No. 4 "Van" meter face.....	.44
1—Van 5 Mil shunt.....	.88
1—Van 25 Mil shunt.....	.38
1—Van 100 Mil shunt.....	.80
1—4,000 ohm. Special Resistor.....	.30
1—4,950 ohm. Special Resistor.....	1.25
1—45,000 ohm. Special Resistor.....	1.25
1—245,000 ohm. Special Resistor.....	.35
1—Blue print and instructions.....	.31
1—4 1/2 Volt "C" battery.....	.75
1—Blank panel.....	

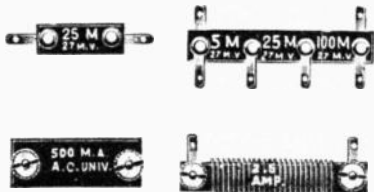
COMPLETE KIT OF PARTS FOR ABOVE.

Your Cost, Special **\$27.25**

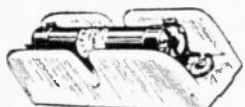
"VAN"

A.C. and D.C. SHUNTS

"Van" shunts are very small and compact. Made of the best non-corrosive alloy wire. Temperature co-efficient being practically nil to 900 F. D.C. shunts are of two types and two voltages. Single or parallel and several connected in series, each type having their advantages and disadvantages, preference being given to parallel connections using multipolar switches. Voltages are 27 millivolt (for the 1 mil. D.C. Model 301 with internal resistance of approximately 27 ohms) and 50 millivolt for the D.C. A.C. Universal with an internal resistance of 50 ohms. In the A.C. Shunt it is necessary to create a five volt drop, which is the lowest voltage range of the A.C.-D.C. Universal meter, therefore it is not advisable to use it in circuits of less than 100 volts. 27-D.C.—5, 10, 25, 50, 100, 500 Milliamperes. (Specify when ordering)



2J10806—For use with 1 Mil. D.C. Model 301, 27 M.V.	88¢
Your Cost, Each.....	
50-D.C.—5, 10, 25, 50, 100, 500 Milliamperes. (Specify when ordering)	88¢
2J10807—For use with Universal Model 301, 50 M.V.	88¢
Your Cost, Each.....	
27S—10-100 Mil. Series combination for 1 Mil. D.C. 27 M.V. meter.	\$1.47
Your Cost, Each.....	
50-S—5-25-100 Mil. Series Comb. Universal 301, 50 M. V. meter.	\$1.76
Your Cost, Each.....	
5V-AC—100, 500 Mills. and 2 1/2 Amperes	\$1.76
2J10810—Your Cost, Each.....	



"LITELFUSES"

For Radio Receivers
Precision Instruments and High Voltage Work

INSTRUMENT "LITELFUSES"			5,000 volt type		
No.	Amps.	Your Cost	No.	Amps.	Your Cost
2L12310	1/100	.12	2L12332	3	.06
2L12311	1/32	.12	2L12333	3	.06
2L12312	1/16	.12	2L12334	1/8	.42
2L12313	1/8	.09	2L12335	1/4	.39
2L12314	1/4	.09	2L12336	1/2	.39
2L12315	3/8	.09	2L12337	3/4	.45
2L12316	1/2	.09	2L12338	1	.45
2L12317	3/4	.09	2L12339	1 1/2	.45
2L12318	1	.06	2L12340	2	.45
2L12319	2	.06			
RADIO AND AMPLIFIERS			10,000 volt type		
No.	Amps.	Your Cost	No.	Amps.	Your Cost
2L12320	.06		2L12341	1/16	.60
2L12321	1 1/2	.06	2L12342	1/8	.60
			2L12343	1/4	.60
			2L12344	1/2	.60
			2L12345	3/4	.66
			2L12346	1	.75
			2L12347	1 1/2	.75
			2L12348	2	.75

BUILD THESE

FOR ALL TYPES OF SETS AND TUBES

Tests the '46, '56, '57, '58 and '82 type tubes. With the advent of the Universal Meter for measuring both A.C. and D.C. voltages and currents. A great deal of research work has been done to design and work out with the necessary multipliers and bi-polar switches a really compact versatile instrument for the serviceman for use in his daily routine of servicing. This unit when constructed along the proper schematic as outlined in the Radio News for July, will measure the following voltages and currents: Grid voltage, either negative or positive, with respect to the grid. Control grid voltage, cathode voltage, pentode screen grid current, rectifier voltage and plate current, plate to grid voltages. Mutual conductance tests for all types of tubes. Also Output Meter which is indispensable to the serviceman. Continuity tester and ohmmeter. Can be mounted in handy carrying case or for use in the service laboratory. Will test all types of tubes, including the new 557 and 558 tubes shortly announced on the market. The following is a list of parts that are necessary for the construction of this simple and yet inexpensive outfit that the serviceman can no longer be without. Schematic diagram and layout sheet as shown in Radio News will be supplied with complete kit of parts.

Carrying case, 12 x 9 x 5 1/2 inches **\$4.75**

1—Weston Model 301 Universal Meter.....	13.97
1—Yaxley 8 point tap switch.....	.68
1—Yaxley push-button switch.....	.94
1—Yaxley Jack Switch.....	.70
1—Yaxley 4 point tap switch.....	.53
2—Yaxley push-button switches. Each.....	.68
3—Yaxley push-button switches. Special, each.....	1.15
1—Yaxley Jack switch.....	.50
4—Yaxley push-button switches. Each.....	.59
2—Yaxley push-button switches. Each.....	.77
5—Yaxley pup jacks.....	.15
1—Kit of I.R.C. Resistors.....	13.50
2—Popular UX sockets. Each.....	.10
1—Popular UY socket.....	.15

UNIVERSAL ANALYZER KIT



Grid voltage, either negative or positive, with respect to the grid. Control grid voltage, cathode voltage, pentode screen grid current, rectifier voltage and plate current, plate to grid voltages. Mutual conductance tests for all types of tubes. Also Output Meter which is indispensable to the serviceman. Continuity tester and ohmmeter. Can be mounted in handy carrying case or for use in the service laboratory. Will test all types of tubes, including the new 557 and 558 tubes shortly announced on the market. The following is a list of parts that are necessary for the construction of this simple and yet inexpensive outfit that the serviceman can no longer be without. Schematic diagram and layout sheet as shown in Radio News will be supplied with complete kit of parts.

1—Alden Plug and cable No. 905 LC.....	2.94
1—Alden Adapter No. 954 DS.....	.74
1—National Grid Clip.....	.05
1—Roll No. 18 push-back wire.....	.17
1—Bakelite strip, 10x1x 1/2 inches.....	.20
1—Bakelite strip 2 1/2x1x 1/2 inches.....	.15
1—Bakelite strip 5x1x 1/2 inches.....	.20
1—Blank Bakelite panel 7x12 inches.....	1.27
1—Alden Adapter for new type tubes.....	.58

Parts may be purchased separately if desired.
COMPLETE KIT OF PARTS WITH SCHEMATIC DIAGRAM AND LAYOUT.

2K11175—Your Cost, **\$48.75**
Complete Kit

METER DIALS



Dial No. 1. For the 1 Mil. D.C. with 27 ohm internal resistance (27 millivolt). Has three scale readings and an ohm scale 0 to 100,000 using a 4.5 volt battery.

Dial No. 2. Same as above except for the lower scale readings.

Dial No. 3. For the 1 Mil. A.C. rectified (not the Universal). This dial has two scales for A.C. volts from which many can be made by adding imaginary zeroes. 5,000 to 1 Meg. A.C. ohms, capacity range .004 to 7 microfarads. Uses current supply from 115 volt, 60 cycle line. Complete hook-up furnished.

Dial No. 4. A special arrangement to allow the reading of many ranges of A.C. and D.C. voltages and current from only one set of numerical figures, the scale in the center being for A.C. The main A.C. scale divisions connect to the D.C. divisions of the same value. At the top is an 0 to 100,000 D.C. ohm scale using a 4.5 volt battery. By using a 10 Mil. Shunt across the meter and readjusting the circuit resistance an 0 to 10,000 ohm scale will result. All dials are of extra heavy Bristol Board. When mounted on the back of your original dial will compare to those of larger and finer meters.

2J10803—Your Cost of **44¢**
any of above types.....

WESTON MODEL 301 Rectifier Type—A.C. D.C. Volts—Milliamperes



Designed for the serviceman who desires to build a multi-range instrument to fill his particular testing requirements. It is for use with external shunts and external resistances for measuring D.C. voltages and current and A.C. voltages. This instrument is of the permanent magnet moving coil type with a self-contained copper oxide-rectifier for the A.C. measurements. It is self-contained for 5 volts and 1 milliamperes A.C. and 50 millivolts and 1 milliamperes D.C. It has a double scale—one for A.C. and the other for D.C., each calibrated 0-5 volts. Non-inductive chaperon wound wire. Accurate with 1/2 of 1%. Insulation tested. Temperature coefficient negligible.

2J10795—List, \$19.00 **\$13.97**
Your Cost.....

A Complete Line of Weston Shunts and Resistors Carried In Stock At All Times. Prices Upon Request.



WESTON 3 1/4 INCH METERS

Ohmmeters, Ammeters, Milliammeters and Microammeters. Weight approximately 8 ounces.

A. C. INSTRUMENTS—MODEL 301 RECTIFIER TYPE. Extremely high sensitivity. A. C. instruments are obtained by using a full-wave copper oxide rectifier in conjunction with a standard Model 301 D. C. movement. They have the excellent damping, even scale characteristics and high over-load capacities of the D. C. instruments.

Temperature errors at ordinary room temperatures and frequency errors over the power frequency range of 25 to 133 cycles are negligible. Frequency errors on higher frequencies up to 35,000 cycles may be corrected for as the instrument indications decrease approximately 1/2 of 1% for each thousand cycles per second.

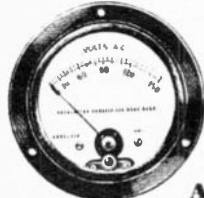
In general conditions the instrument may be relied upon to within 5% accuracy.

Model 301 D. C. Voltmeters

Approximate resistance in ohms per volt: 1 to 40 volts, 62; 50 to 150 volts, 200; 200 volts, 250 volts, 300, 300-500 volts, 666; 600 to 2000 volts, 66, above 2000 volts 100. Extreme width 3 1/4 inches. Diameter of barrel 2 9-16 inches.

Stock No.	Range	List Price	Your Cost
2J10601	1.5	\$8.00	\$5.88
2J10602	2	8.00	5.88
2J10603	3	8.00	5.88
2J10604	5	8.00	5.88
2J10606	8	8.00	5.88
2J10607	10	8.00	5.88
2J10608	15	8.00	5.88
2J10615	150	10.00	7.35
2J10618	300	14.00	10.28
2J10619	500	16.00	11.76
2J10620	1000*	25.25	18.56
2J10621	1500*	30.75	22.60
2J10622	2000*	42.75	31.42
2J10623	2500*	51.00	37.48
2J10624	3000*	59.75	43.92

*Supplied with external resistor.



Model 476

A. C. INSTRUMENTS. Movable iron type for A.C. only. Supplied as Voltmeters, Ammeters and Milliammeters. They are accurate within 2%.

Model 476—A. C. Voltmeters

Stock No.	Volts	Approx. Ohms Per Volt	Your Cost
2J10746	1.5	3	\$5.88
2J10747	2	4	5.88
2J10748	3	6	5.88
2J10749	5	10	5.88
2J10750	8	10.5	5.88
2J10751	10	14	5.88
2J10752	15	14	5.88
2J10753	20	26.3	5.88
2J10754	25	26	5.88
2J10755	30	26.3	5.88
2J10756	50	52	5.88
2J10758	150	105	7.35
2J10760	300	167	8.82
2J10762	500	167	11.76
2J10763	*600	167	12.50
2J10764	*750	167	13.23
2J10765	*1000	167	18.01
2J10766	**150/8/4	67/10/10	11.03
2J10767	**150/15/3	67/10/10	11.03
2J10768	**300/8/4	143/10/10	12.63
2J10769	**750-150-16-8-4	67-67-10-10-10	14.70
2J10771	+1000-200-16-8-4	50-50-10-10-10	17.64

*Supplied with external multiplier box.

**Self-contained, four binding post instrument.

†Four binding post instrument self-contained, for 150/8/4 volts. External spool resistors for 750/16 volt ranges. Instrument adjusted to definite sensitivity of 20 milliamperes on 150 volts and 100 milliamperes on 4 volts.

‡Three binding post instrument self-contained for 100/4 volts. External spool resistors (7) for 1000/200/16/8 volts. Instrument adjusted to definite sensitivity of 20 milliamperes on 100 volts and 100 milliamperes on 4 volts.

Model 301 D.C. Voltmeters

Resistance 1000 Ohms per Volt

Stock No.	Range	List Price	Your Cost
2J10666	75	\$12.00	\$8.82
2J10668	150	14.50	10.66
2J10669	200	14.50	10.66
2J10671	300	16.00	11.76
2J10672	500	17.50	12.86
2J10673	750	20.50	15.07
2J10675	200 8*	14.50	10.66
2J10677	500 100*	20.50	15.07
2J10678	500 250*	20.50	15.07
2J10679	750/250*	21.50	15.80
2J10680	750/250/10*	25.50	18.64
2J10681	50/10/5*	25.50	18.64

*Double and triple range instruments are self-contained for lowest range. External box supplied for other ranges.

†Spool resistors supplied for all but low range.

Model 301 D.C. Milliammeter

Stock No.	Range	List Price	Your Cost
2J10675	1	\$10.00	\$7.35
2J10676	1.5	10.00	7.35
2J10677	2	10.00	7.35
2J10678	3	10.00	7.35
2J10679	5	8.00	5.88
2J10680	10	8.00	5.88
2J10681	15	8.00	5.88
2J10683	25	8.00	5.88
2J10684	30	8.00	5.88
2J10686	50	8.00	5.88
2J10687	100	8.00	5.88
2J10687	150	8.00	5.88
2J10688	200	8.00	5.88
2J10689	250	8.00	5.88
2J10690	300	8.00	5.88
2J10691	500	8.00	5.88
2J10693	1000	8.00	5.88
2J10694	150/15*	13.00	9.66
2J10695	150/30*	13.00	9.66

*Three binding post type self-contained.

Model 301 Volt-Ohmmeters

Stock No.	Volts	Ohms Res.	Ohms per Volt	Your Cost
2J10627	4.5	0-100,000	1000	\$8.82
2J10628	15	0-500,000	1000	8.82

Model 476 A.C. Ammeters

Stock No.	Amps	Approx Total Res	Your Cost
2J10776	1	2030	\$5.88
2J10776	1.5	2082	5.88
2J10777	2	05	5.88
2J10778	3	024	5.88
2J10779	5	010	5.88
2J10780	10	0058	5.88
2J10781	15	00219	5.88
2J10782	20	00162	5.88
2J10783	30	00070	7.35
2J10784	50	00057	7.35

Model 476—Milliammeters

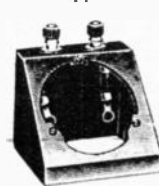
Stock No.	Milliamps	Approx Total Res	Your Cost
2J10785	15	2000	\$5.88
2J10786	25	690	5.88
2J10787	50	175	5.88
2J10788	100	28	5.88
2J10789	250	4.7	5.88
2J10790	500	1.1	5.88

MODEL 476 CONDENSER METERS. These meters are calibrated to read the capacity of condensers direct in microfarads. They are of the movable iron type and are accurate within 3% when used on the voltage for which they are adjusted.

Model 476—Condenser Meters

Stock No.	Microfarads	Scale Divisions	Your Cost
2J10791	†15-1.5	30	\$22.05

†Supplied with an external box.



WESTON Mounting Base

For use with metal case Models 301 and 425 instruments only on circuits of less than 300 volts. Alligator finish.

2J10660 List \$2.75 Your Cost \$2.02

Write for price on any Weston meter not listed.

Model 301 D.C. Ammeters

Stock No.	Range	List Price	Your Cost
2J10630	1	\$8.00	\$5.88
2J10632	2	8.00	5.88
2J10633	3	8.00	5.88
2J10635	5	8.00	5.88
2J10637	10	8.00	5.88
2J10638	15	8.00	5.88
2J10639	20	8.00	5.88
2J10640	30	8.00	5.88
2J10662	3-0-3	8.00	5.88
2J10664	10-0-10	8.00	5.88
2J10667	30-0-30	8.00	5.88

Model 301 Micro-Ammeters

Stock No.	Range	List Price	Your Cost
2J10701	200*	\$13.50	\$9.92
2J10702	500*	12.00	8.82

*These instruments are adjusted to use in horizontal or 45 position. BAKELITE CASES should be specified for Ammeters and Milliammeters when used in circuits above 300 volts when it is not possible to connect the instrument in the grounded side of the line.

Rectifier Type Instruments

Stock No.	Range	List Price	Your Cost
2J10705*	1	\$16.50	\$12.13
2J10706*	1.5	16.50	12.13
2J10707*	3	14.00	10.28
2J10708*	5	16.50	12.13
2J10709*	5	14.00	10.28
2J10710*	5	16.50	12.13
2J10711	15	14.00	10.28
2J10712*	15	16.50	12.13
2J10713	50	15.00	11.03
2J10714*	50	17.50	12.86
2J10717	150	15.00	11.03
2J10718	300	16.50	12.13

*2000 ohms per volt—others 1000 ohms per volt. 2000 ohms per volt instruments should be used in horizontal or 45 position.

MODEL 301 MILLIAMMETERS

2J10720	5	\$14.50	\$10.66
2J10721	1	12.50	9.18
2J10722	2	12.50	9.18
2J10723	5	12.50	9.18

MODEL 301 MICRO-AMMETER

2J10725	500	\$14.50	\$10.66
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Model 425 A.C. and R.F. Instruments

These instruments are of the thermocouple type. The ammeters are for use on A.C. of any frequency. These instruments are accurate within 2%.

Approximate weight 6 ounces.



Model 425—Ammeters

Stock No.	Ampere	List Price	Your Cost
2J10730	1	\$13.50	\$7.92
2J10731	1.5	13.50	7.92
2J10732	2	13.50	7.92
2J10733	2.5	13.50	7.92
2J10734	3	13.50	7.92
2J10736	5	13.50	7.92
2J10738	8	13.50	7.92
2J10739	10	13.50	7.92
2J10740	15	13.50	7.92
2J10741	20	13.50	7.92

Model 425—Milliammeters

Stock No.	Safe Milliamps	Carrying Res	Approx Ohms	Your Cost
2J10742	*120	500	5.2	\$11.03
2J10743	250	600	2.52	11.03
2J10744	500	1000	1.18	11.03

Model 425—Galvanometer

Stock No.	List Price	Your Cost
2J10745	\$15.00	\$11.00

Accuracy: Within two scale divisions.

*115 Milliamperes 5.2 ohms.

†For horizontal or not more than 45° mounting—all others for vertical mounting.

Power consumption of Model 425 ammeters—1 to 4 amperes inclusive—varies from 0.2 to 0.4 per ampere approximately—5 amperes and above -0.15 watts per ampere.

Model 425 ammeters or milliammeters may be supplied with external thermocouples in ranges from 3 milliamperes up to and including 50 amperes. Correspondence necessary.

WESTON TWO INCH METERS

A miniature line of Narrow Flange Flush Type Panel Instruments with characteristics similar

to the 3 1/2 inch line shown on preceding page—Made for clamp mounting. Shpg. Wt. 2 Lbs.



MODEL 506 D. C. VOLTMETERS

Stock No.	Volts	List.	Net.
2J10795	3	\$7.00	\$4.46
2J10796	5	7.00	4.46
2J10797	7	7.00	4.46
2J10798	8	7.00	4.46
2J10799	10	7.00	4.46
2J10800	15	7.00	4.46
2J10801	50	7.00	4.46
2J10802	100	7.00	4.46
2J10803	200	7.00	4.46
2J10804	250	7.00	4.46
2J10805	140 7	9.00	5.74
2J10806	150 7.5	9.00	5.74
2J10807	200 8	9.00	5.74
2J10808	50 10	8.25	5.25
2J10809	140 7	8.25	5.25
2J10810	150 7.5	8.25	5.25
2J10811	200 8	8.25	5.25

*Have three binding posts and push button for use when "A" battery is connected to "B" batt.

*Have four binding posts, no push button. All single and double range voltmeters below 200 volts have a resistance of 125 ohms per volt; 200 volts, 200 ohms per volt. All accurate within 2%.

MODEL 506 D. C. AMMETERS

Stock No.	Amps.	List	Net.
2J10812	1	\$7.00	\$4.46
2J10813	1.5	7.00	4.46
2J10814	3	7.00	4.46
2J10815	5	7.00	4.46
2J10816	10	7.00	4.46

MODEL 506 D. C. MILLIAMMETERS

Stock No.	M. A.	List	Net.
2J10817	1	\$9.00	\$6.74
2J10818	1.5	9.00	6.74
2J10819	2	9.00	6.74
2J10820	3	7.00	4.46
2J10821	5	7.00	4.46
2J10822	10	7.00	4.46
2J10823	15	7.00	4.46
2J10824	25	7.00	4.46
2J10825	50	7.00	4.46
2J10826	100	7.00	4.46
2J10827	150	7.00	4.46
2J10828	200	7.00	4.46
2J10829	500	7.00	4.46

MODEL 506 VOLT-OHMETER

Stock No.	V.	Ohms	List	Net.
2J10830	3	10,000	\$7.00	\$4.46



WESTON MINIATURE PORTABLE INSTRUMENTS

Small compact instruments of sterling quality and dependable accuracy. D.C. Meters have black Bakelite cases and A.C. Meters have mottled red and black Bakelite cases. Scales are silver gray, etched with black markings. Voltmeters are furnished with a pair of 30-inch flexible cables. Shipping weight, 3 pounds.

D. C. INSTRUMENTS Volts

Stock No.	Volts	List	Net.
2J10865	150 7.5	\$13.50	\$9.92
2J10866	200 8	13.50	9.92

Volts

Stock No.	Volts	List	Net.
2J10867	200 8	22.50	\$16.54
2J10868	250 50	22.50	16.54
2J10869	750 250 10	\$24.00	20.58

Volts-Milliammeter

Stock No.	Volts	List	Net.
2J10870	125 Ohms per Volt		
2J10871	150 7.5	\$13.50	\$9.92
2J10872	200 8	13.50	9.92
2J10873	30	13.50	9.92
2J10874	10/1	13.50	11.39
2J10875	15 3	13.50	11.39
2J10876	30 3	13.50	11.39

Amperes

Stock No.	Amps.	List	Net.
2K10877	150 15	\$13.50	\$9.92
2K10878	150 30	13.50	9.92

Milliammeters

Stock No.	M. A.	List	Net.
2K10877	150 15	\$13.50	\$9.92
2K10878	150 30	13.50	9.92

MODEL 507 A. C.—D. C. AMMETERS

May be used on A.C. or D.C. of any frequency including radio frequency. Accuracy within 2%.

Stock No.	Amps.	List	Net.
2J10831	1	\$12.50	\$9.19
2J10832	1.5	12.50	9.19
2J10833	2	12.50	9.19
2J10834	3	12.50	9.19
2J10835	5	12.50	9.19
2J10836	10	12.50	9.19
2J10837	15	12.50	9.19

MODEL 507 MILLIAMMETERS

Thermo-couple Type. All frequencies including Radio frequency. Can not be used on direct current.

Stock No.	M. A.	List	Net.
2J10838	120	\$14.00	\$10.29
2J10839	250	14.00	10.29
2J10840	500	14.00	10.29

MODEL 507 GALVANOMETER

Mounting for horizontal or not more than 45° position. Thermocouple Type. All frequencies including radio frequency.

Stock No.	M. A.	List	Net.
2J10841	115	\$14.00	\$10.29

MODEL 517 A. C. VOLTMETERS

Movable iron type for A.C. only. Accurate within 2%.

Stock No.	Volts	List	Net.
2J10842	1.5	\$8.00	\$5.88
2J10843	2	8.00	5.88
2J10844	3	8.00	5.88
2J10845	5	8.00	5.88
2J10846	10	8.00	5.88
2J10847	15	8.00	5.88
2J10848	25	8.00	5.88
2J10849	50	8.00	5.88
2J10850	100	10.00	7.35
2J10851	150	10.00	7.35
2J10852	250	12.00	8.82
2J10853	300	12.00	8.82

MODEL 517 A. C. AMMETERS

Stock No.	Amps.	List	Net.
2J10854	1	\$8.00	\$5.88
2J10855	2	8.00	5.88
2J10856	3	8.00	5.88
2J10857	5	8.00	5.88

MODEL 517 A. C. MILLIAMMETERS

Stock No.	M. A.	List	Net.
2J10858	15	\$8.00	\$5.88
2J10859	25	8.00	5.88
2J10860	50	8.00	5.88
2J10861	100	8.00	5.88
2J10862	250	8.00	5.88
2J10863	500	8.00	5.88



READRITE METERS

A sturdy and reliable line of inexpensive Testing Instruments that is very popular with the Serviceman. Well made and attractively finished. Panel mounting type. Wide black enameled flanges, nickel plated bezels. White dials. Panel opening 2 5/8 in. Shpg. Wt., 1 pound.

Panel Type D. C. Volts

Stock No.	Range	Ohms	Your Cost
2K11051	0-1	30	\$.58
2K11052	0-3	175	.58
2K11053	0-5	410	.58
2K11054	0-6	550	.58
2K11055	0-8	850	.58
2K11056	0-10	1475	.58
2K11057	0-15	2914	.58
2K11058	3-0-3	550	.58
2K11059	0-25	1625	.58
2K11060	0-25	7720	1.47
2K11061	0-50	3250	.58
2K11062	0-50	15440	1.76
2K11063	0-100	6500	.73
2K11064	0-100	30888	1.76
2K11065	0-150	9750	.58
2K11066	0-150	46320	1.76
2K11067	0-300	92640	1.76
2K11068	0-500	154400	2.36
2K11069	0-60-300	92640	2.53
2K11070	0-750	231600	2.94
2K11071	0-8-160 850 16220	1.18	

Panel Type D. C. Milliammeters

Stock No.	M. A.	List	Net.
2K11100	0-10	\$1.25	\$1.03
2K11101	0-15	1.00	.58
2K11102	0-25	1.00	.58
2K11103	0-50	1.00	.58
2K11104	0-100	1.00	.58
2K11105	0-150	1.00	.58
2K11106	0-200	1.00	.58
2K11107	0-300	1.00	.58
2K11108	0-400	1.00	.58
2K11109	0-20/100	1.75	1.03
2K11110	0-15/150	1.75	1.03



READRITE POCKET METERS

Handy pocket meters for testing batteries. Carefully calibrated. Surprisingly accurate. Polarized vane type. Individually boxed. Shpg. Wt. 1 lb.

AMMETER. Scale 0-40. Used for testing dry cells. List \$1.76. 2K11111—Your Cost Each **44¢**

Volts

0-8 SCALE. For testing "A" batteries, dry or storage. List \$1.00. 2K11112—Your Cost Each **58¢**

0-10 SCALE. For testing "A" batteries, dry or storage. List \$1.00. 2K11113—Your Cost Each **58¢**

0-15 SCALE. For testing "A" batteries, dry or storage. List \$1.00. 2K11114—Your Cost Each **58¢**

0-30 SCALE. For testing "B" batteries. List \$1.00. 2K11115—Your Cost Each **58¢**

0-100 SCALE. For testing "B" batteries. List \$1.25. 2K11116—Your Cost Each **73¢**

0-150 SCALE. For testing "B" batteries. List \$1.50. 2K11117—Your Cost Each **88¢**

0-8. 0-150 SCALE. For testing "A" and "B" batteries. List \$1.75. 2K11118—Your Cost Each **\$1.03**

0-8. 0-150 SCALE. For testing "A" and "B" batteries. List \$2.00. 2K11119—Your Cost Each **\$1.17**

Volts

0-8 VOLTS. 0-10 AMPS. For testing amperage of dry cell "A" batteries and voltage of dry or storage "A" batteries. List price \$1.25. 2K11120—Your Cost Each **73¢**

0-30 VOLTS 0-10 AMPS. For testing amperage of dry cell "A" batteries and voltage of "B" batteries. 2K11121—List \$1.50. Your Cost Each **88¢**

Panel Type D. C. Ammeters

Stock No.	Amps.	List	Net.
2K11082	0-1	\$1.00	\$.58
2K11083	0-3	1.00	.58
2K11084	0-5	1.00	.58
2K11085	0-10	1.00	.58
2K11086	1-0-1	1.00	.58
2K11087	3-0-3	1.00	.58
2K11088	5-0-5	1.00	.58
2K11089	10-0-10	1.00	.58
2K11090	20-0-20	1.00	.58

Panel Type A. C. Volts

Stock No.	Volts	List	Net.
2K11072	0-4	\$2.50	\$1.47
2K11073	0-6	2.50	1.47
2K11074	0-10	2.50	1.47
2K11075	0-15	2.50	1.47
2K11076	0-150	4.00	2.36
2K11077	0-300	3.00	2.94
2K11078	0-600	6.00	3.53
2K11079	0-750	7.00	4.12
2K11080	0-10-140	1.00	2.36

Panel Type A. C. Ammeters

Stock No.	Amps.	List	Net.
2K11081	0-1	\$2.50	\$1.47
2K11082	0-3	2.50	1.47
2K11083	0-5	2.50	1.47
2K11084	0-10	2.50	1.47
2K11085	0-50	3.00	1.76

Panel Type A. C. Milliammeters

Stock No.	M. A.	List	Net.
2K11086	0-25	\$2.50	\$1.47
2K11087	0-50	2.50	1.47
2K11088	0-100	2.50	1.47
2K11089	0-250	2.50	1.47
2K11090	0-500	2.50	1.47

READRITE PORTABLE TYPE METERS

Readrite portable meters are made in various ranges for particular purposes. The A.C. meters are of the repulsion type and may be used with accuracy for either A.C. or D.C. testing. Not to be confused with the ordinary vane type with its restricted application. The higher reading A.C. voltmeters have over 100 ohms per volt resistance. The D.C. voltmeters are of the polarized vane solenoid type and contain resistance up to 300 ohms per volt.

D. C. Voltmeters

Stock No.	Volts	List	Net.
2K11122	0-300	\$4.50	\$2.86
2K11123	0-500	5.50	3.23
2K11124	0-60 300	1.50	2.68
2K11125	0-750	6.00	3.53

D. C. Milliammeters

Stock No.	M. A.	List	Net.
2K11126	0-25	\$3.00	\$1.76
2K11127	0-100	3.00	1.76
2K11128	0-200	3.00	1.76
2K11129	0-400	3.00	1.76

D. C. Ammeters

Stock No.	Amps.	List	Net.
2K11130	0-1	\$3.00	\$1.76
2K11131	0-5	3.00	1.76
2K11132	0-10	3.00	1.76
2K11133	0-50	3.00	1.76

A. C. Voltmeters

Stock No.	Volts	List	Net.
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REPLACEMENT CONES FOR ALL STANDARD SPEAKERS

FOR R. C. A. MODEL 105 SPEAKER

\$1.70 EACH



Peerless, Copper Coil 7 in. **2W19350—\$1.29**
Your Cost
Peerless, Copper Coil 9 in. **2W19351—\$1.35**
Your Cost

Peerless, Copper Coil 10 inch **2W19352—\$1.25**
Your Cost

Peerless, Copper Coil 12 inch. **2W19353—\$1.29**
Your Cost

Peerless, Wire Coil 7 inch. **2W19354—\$1.35**
Your Cost

Peerless, Wire Coil 9 inch. **2W19355—\$1.89**
Your Cost

Peerless, Wire Coil 12 inch. **2W19356—\$1.70**
Victor R-32, RE-45

2W19357—Your Cost **\$1.70**
R. C. A. 106 Speaker

2W19358—Your Cost **\$2.00**
R. C. A. 105-104 Speaker

2W19359—Your Cost **\$2.25**
Jensen D-7 Concert

2W19360—Your Cost **\$2.25**
Colonial Model 33

2W19361—Your Cost **\$2.25**
Zenith Model 52 Sets

2W19362—Your Cost **\$1.90**
Eveready Sets, 9 inch

2W19363—Your Cost **\$2.25**
Eveready Sets, 11 inch

2W19364—Your Cost **\$2.25**
Newcomb-Hawley 7 inch

2W19365—Your Cost **\$2.25**
Magnavox 7 inch Speaker

2W19366—Your Cost **\$2.25**
Stromberg-Carlson Sets, 11 in

2W19367—Your Cost **\$2.25**
Wright-DeCosta 8 inch

2W19368—Your Cost **\$2.75**
Wright-DeCosta 10 inch

2W19369—Your Cost **\$2.75**
Atwater-Kent, 11 inch

2W19370—Your Cost **\$1.50**
Philo Model 65 Set

2W19371—Your Cost **\$1.80**
Majestic Model 70 90 Sets

2W19372—Your Cost **\$2.25**
Temple 7 inch Speaker

2W19373—Your Cost **\$2.25**
Temple 10 inch Speaker

2W19377—Your Cost **\$3.75**
Temple Auditorium Speaker

2W19376—Your Cost **\$1.90**
Utah 7 inch Speaker

2W19376—Your Cost **\$2.70**
Freed-Eisemann NR-80 Set

2W19377—Your Cost **\$2.70**
Freed-Eisemann NR-80 Set

Genuine RCA Speaker Cones

100-A Speaker, Part No. 9190. **50¢**
2W19209—Your Cost
100-B and 103, Part No. 8359 **50¢**
2W19210—Your Cost

CRL VOLUME CONTROLS "Specials"

These "Specials" CRL Volume Controls can be used in many of the commercial receivers as a replacement.



2H0697—5,000 ohms Radiohm **22¢**
2H0698—25,000 " Pot.
2H0699 75,000 " Pot.
Your Cost, Each **\$1.00**
In Lots of Ten

Replacement for Earl and Freed

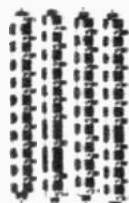
EARL MODEL 21-22
FREED 35-36

Dual Control, 10,000 and 250,000 Ohms. **30¢**
2H0696—
Your Cost, Each **\$2.75**
In Lots of Ten

DUAL POTENTIOMETER CONTROL

5,000 ohms Wire wound; 15,000 carbon. **25¢**
2H0696—
Your Cost, Each **\$2.25**
In Lots of Ten

SHALLCROSS WHEATSTONE BRIDGE

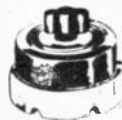


The radio service man and experimenter will always find many uses for a Wheatstone Bridge. Such apparatus is usually expensive to buy but with this foundation kit of resistors as the basis, one may be constructed quite economically. Measures D. C. Resistances from 1 ohm to 10 megohms. Kit consists of 4 Resistor assemblies, with solder lugs from which taps are made for switch point connections. A leaflet fully describing the building and operation of the Bridge is included. Necessary panel, switches and accessories to complete cost less than

\$5.00. Shpg. Wt. 2 lbs. **\$18.75**
2X20399—Shallcross W.B. Kit.
Your Cost Each

H. & H. TWO-CIRCUIT SWITCH

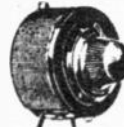
This heavy duty switch has many uses in the shop and laboratory. Ideal where heavy current is used. Operates as follows: 1st snap. Circuit No. 1; end snap. Circuit No. 2; 3rd snap. Off. Made by H. & H. Diameter of base, 3 1/2 inches. Three holes for supporting screws spaced on circle 2 1/2 ins. Shpg. Wt. 2 lbs.



2M13370—Your Cost, Special **65¢**

DEJUR HEAVY DUTY RHEOSTAT

3 1/2 ohms, 3 amps.



This heavy duty Rheostat made by Dejur, suitable for controlling electrical apparatus and in circuits having a heavy ampere drain. Moulded bakelite form with pointer knob. Size, 2 1/4 ins. diam. 1 1/2 ins. depth. Shpg. wt. 1 lb. **40¢**
2F6799—Your Cost

I.C.A. "Mike" Adapter



This Adapter has cathode and ground connections and can be used for either microphone or phonograph pick-up. Supplies for five or four prong tubes. **5 Prong.**
21.12348—4 Prong **58¢**
Your Cost, Either type

I. C. A. CRYSTAL HOLDER

This crystal holder is ideally suited for amateur and broadcast transmitters. It is for use with crystals ranging from one-fifth to six millimeters in thickness (20-600 meters). Ruggedly constructed and will fit a standard ICA base receptacle.

2L12649—
Your Cost **\$2.21**

ICA Base Receptacle for above Crystal Holder. **47¢**
21.12650—Your Cost

I. C. A. ADAPTERS

FLAT WAFER ADAPTERS

4 Prong with Filament Connections. **21.12634—**

4 Prong with Grid Connections. **21.12635—**

4 Prong with Grid Plate and Filament Connections. **21.12636—**

4 Prong with Grid and Plate Connections. **21.12637—**

4 Prong with Plate and one Filament Connections. **21.12638—**

4 Prong with Plate and two Filament Connections. **21.12639—**

5 Prong with Filament Connections. **21.12640—**

5 Prong with Cathode Connection. **21.12641—**

5 Prong with Filament, Grid or Screen Grid, Cathode or Super Charge Grid and Plate connections. **21.12642—**

5 Prong with Plate Connection. **21.12643—**

5 Prong with Grid and Plate Connections. **21.12644—**

5 Prong with Plate and Cathode connections. **21.12645—**

5 Prong with Plate and two Filament Connections. **21.12646—**

5 Prong with Space Charge Grid and two Filament Connections. **21.12647—**

Your Cost, Any type **29¢**

SHALLCROSS SUPER AKRA-OHMS



Accurate wire-wound Resistors designed for precision commercial and laboratory uses. Extensively used for Electrical Instruments, Television Amplifiers, Voltmeter, Multipliers, Fading Controls etc. 1% accuracy.

Stock No.	Ohms Res.	Current M. A.	Your Cost
2X20765	1	1000	\$1.37
2X20766	10	316	1.03
2X20767	50	141	.85
2X20768	100	100	.85
2X20769	500	44.7	.85
2X20770	1000	31.6	.85
2X20771	1500	25.8	.85
2X20772	2000	22.4	.85
2X20773	2500	20.	.85
2X20774	3000	18.3	.85
2X20775	4000	15.8	.85
2X20776	5000	14.1	.85
2X20777	9000	10.5	.85
2X20778	10000	10.0	1.03
2X20779	15000	8.17	1.03
2X20780	20000	7.07	1.03
2X20781	25000	6.32	1.03
2X20782	30000	5.78	1.03
2X20783	40000	5.00	1.03
2X20784	50000	4.47	1.03
2X20785	60000	4.08	1.03
2X20786	75000	3.65	1.03
2X20787	90000	3.33	1.03
2X20788	100000	3.16	1.37
2X20789	125000	2.83	1.37
2X20790	150000	2.58	1.71
2X20791	200000	2.24	1.71
2X20792	250000	2.00	1.88
2X20793	300000	1.83	2.08
2X20794	400000	1.58	2.40
2X20795	500000	1.41	2.74
2X20796	600000	1.29	2.82
2X20797	750000	1.15	3.09
2X20798	1000000	1.00	3.43

TRUEST AUTO RADIO SUPPRESSORS



Based on the famous TruTest principle which has proved its dependability where day in and day out performance is of paramount importance. Extremely low capacity less than 5 mmf.

TYPE SS

For spark plugs. Crohite body cast metal end caps. Very sturdy to withstand service vibrations

2X20360—List 50¢ **27¢**
Your Cost Each

TYPE DS

For Distributor. Has opening in one end to receive high tension cable and contracting clip on other for attaching to distributor.

2X20361—List 50¢ **27¢**
Your Cost Each

SUPPRESSOR KITS

FOUR CYLINDER KIT: Contains four Type SS, one DS suppressor and one ignition Condenser.

2X20362—List \$3.00 **\$1.50**
Your Cost Each

SIX CYLINDER KIT: Contains six SS and one DS Suppressors and one Ignition Condenser.

2X20363—List \$4.00 **\$2.00**
Your Cost Each

EIGHT CYLINDER KIT: Contains eight SS and one DS Suppressors and one Ignition Condenser.

2X20364—List \$5.00 **\$2.50**
Your Cost Each

Freshman Volume Control Models "M" and "N"

The Original Volume Control for the Freshman Models. Brand new and Guaranteed.



2F6798—
Your Cost **\$1.25**



NEW FEATHER-WEIGHT HEAD PHONES

You would scarcely know you had them on. So light and so comfortable that hours of continuous use does not bring the wearer the slightest discomfort. They are efficient too; their total resistance of 4000 ohms makes them extremely sensitive to DX and weak signals. Headband is made of flexible steel finished in crackle maroon lacquer. Phone units similarly finished.

2N13935—\$1.45
Your Cost per pair



CANNON BALL PHONES

The biggest phone value we have ever offered! A high grade extremely sensitive pair of head phones at a price that defies competition. Aluminum shells. Adjustable web covered headbands. Molded hard rubber caps. Total resistance 2000 ohms. Complete with cords. Shpg. Wt. 2 lbs.

2N13930—\$1.10
Your Cost



BRANDES PHONES

A scientifically made and finely finished set of head phones designed to meet the requirements of those demanding a superior article. They are full-size yet light in weight and are unusually comfortable to wear. Shells are of polished aluminum and caps are of molded hard rubber. Resistance 2000 ohms. Adjustable. Web covered flexible steel head band. Complete with cord. Shpg. Wt. 2 1/2 lbs.

2N13926—Your Special \$1.25

2N13936—Extra Caps Each 28c

2N13937—Extra Diaphragms Each 10c

2N13938 Extra headband ea 28c

FROST FONES

\$1.43 Pair

2000 Ohms

Long a big favorite with the radio man because of their all-round high quality lightness of weight and ease of adjustment for perfect comfort. Carefully and scientifically made. Unexcelled for testing or for reception. Shpg. Wt. 2 lbs.

2N13932—2000 ohms \$1.43

Your Cost per pair

2N13933—3000 ohms \$1.65

Your Cost Per Pair

PHILMORE 1, 2, and 3 TUBE SETS



1 TUBE SET

2N13880—Requires one dry "A" Battery, one 22 1/2 volt "B" Battery and one type 230 Tube; Headphones and Aerial.

Your Cost, **\$4.45**
Less Accessories

2N13881—Complete with Batteries and Tube (No headphones or Aerial). **\$6.50**

Your Cost Each

2 TUBE SET

2N13882—Requires two dry "A" Batteries, one 45 volt "B" Battery, two type 230 Tubes, Headphones and Aerial.

Your Cost **\$5.25**
(Less Accessories)

2N13883—Complete with Batteries and Tubes (No Headphones or Aerial). **\$8.75**

Your Cost Each

"SELECTIVE"



Crystal Set

\$2.45

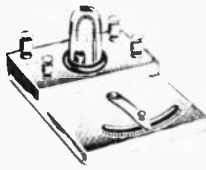
Net

A remarkable small set which performs in a manner equal to many single tube receivers. Consists of a tapped inductance, .00035 mfd. variable condenser, glass enclosed adjustable crystal, tuning slider, binding posts for antenna and ground, and double connection posts for two pairs of head phones. Mounted on brushed nickel panel. Attractive slanting faced cabinet. Highly recommended for economical, distortionless and selective reception. Shpg. Wt. 5 lbs.

2N13886—List Price \$5.00 \$2.45

Your Cost

"SUPERTONE"



Crystal Set

Tunes 200 to 550 meters with a receiving range of over 25 miles. Under favorable conditions, receives within 100 miles. Reception unusually loud and clear for a crystal receiver. Crystal is enclosed in dust-proof glass cover. Has antenna ground; and headphone binding posts. Shpg. Wt. 3 lbs.

2N13888—List Price \$1.50 75c

Net

NEW SPEED BUG

Improve the speed and legibility of your code transmission with this new improved "bug". Pressure on one side of lever produces a smooth unbroken train of dots, on the other side the dashes. Easily mastered by anyone in a short time. Contact points heavy enough to use on most amateur transmitters without relay, although one should be used if current is very high. Japanese base.

"BLACKBIRD"



Crystal Set

\$1.77

Net

An efficient receiving set which will receive broadcasting loud and clear. Has super-sensitive crystal enclosed in dust-proof glass shell, Bakelite tuning knob, aerial-ground and phone binding posts mounted on front panel. Front panel is modernistic gold finish and cabinet is black leatherette. Shpg. Wt. 5 lbs.

2N13887—\$1.77

Your Cost Each

"LITTLE WONDER"

Crystal Set

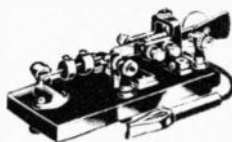
59c

Net

The most inexpensive radio receiver on the market. Using no batteries or power of any kind, good, clear reception can be had within 10 to 25 miles of the broadcast station, depending upon local conditions. Very sensitive crystal with adjustable cat whisker. Shpg. Wt. 2 lbs.

2N13889—59c

Your Cost Each



2N14000—List \$17.00 \$9.79

Your Cost Each

BALDWIN PHONES



The balanced armature principle upon which these famous headphones are designed make them the most sensitive and efficient on the market. Used extensively by the United States Signal Corps and the professional operator. Far superior to the ordinary head set. Hard rubber caps and comfortable headband that is instantly adjustable. Resistance 4000 ohms. Shpg. Wt. 3 lbs. List \$7.50.

2N13920—Your Cost \$4.70
Per Pair



CODE PRACTICE SET

Consists of a key and special high frequency buzzer mounted on a polished wood base. Connect a dry battery to the binding post on the set, press the key and a buzzing sound resembling radio note will be produced. An easy and quick means of learning the code. Base 7x4 1/2 inches. Shpg. Wt. 2 lbs.

2N14001—\$1.98
Your Cost Each



SENDING KEY

Designed especially for radio work. The arm, base, and supporting posts are made of heavy cast brass. Coin silver contact points.

Stock No.	Contacts	Net price
2N14002	3/16 in.	\$1.98
2N14003	1/4 in.	2.21
2N14004	3/8 in.	2.30



SIGNAL WIRELESS KEY

Similar in construction to the ordinary telegraph key except that it has 1/4 inch coin silver contact points. Polished and lacquered brass metal parts, hard rubber button.

2N14006—List \$2.80 \$1.68
Your Cost

HIGH FREQUENCY BUZZER

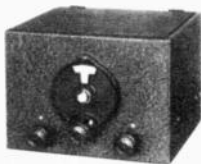


A constant pitch high frequency buzzer especially suited for modulating a C.W. carrier or for making code practice set. Black crystalline case.

2N14008—75c
Your Cost Each

NATIONAL SW-3 RECEIVER

Designed especially for aircraft portable and amateur communication. Volume Control calibrated in amateur terms. Enclosed in a crystalline finished steel case. Less tubes and coils. A.C. Model: uses 2-35s and 1-27. 2N13817—List, \$35.50
Your Cost, Less Coils



\$20⁸⁵

Complete with three sets of band spread coils, for 20-40 and 80 meter bands. Coils to cover other bands may be selected from page 69. Less tubes.
2N13818—List, \$35.00
Your Cost

\$32³⁴

D.C. Model: Uses 2-36s and 1-37. May be operated from a filament transformer and "B" batteries or a filament transformer and "B" eliminator. Less tubes and coils.
2N13819—List, \$35.50
Your Cost

\$20⁸⁸

Complete with band spread coils.

2N13820—List, \$35.00

Your Cost

\$32³⁴

No. 5880. Power Supply for A.C. Model.

2N13821—

Your Cost

\$20²⁸

FREE TO HAMS AND AMATEURS

Write for your copy of **Wholesale Radio Service Company's Handbook** chock full of information and equipment for the Ham and Amateur. Limited Edition.

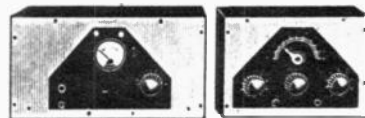
R.E.L. Amateur Band- Spread Receiver



The most ardent DX fan will be astonished at the signals heard with with set. During one week's test in R.E.L. laboratories

every continent was clearly heard, on the 20 meter band. Screen grid RF, S-G detector; Pentode Power. Wave band plug-in coils. Calibrated tank dial. Coil tank condenser. Full vision scale. Capacity control regeneration. Isolantite insulation. Illuminated dial. Black crystalline finished steel case, size 11 x 7 x 9 1/2 inches. Tubes used, 2-36s, 1-38. Battery operated or may be operated from power supply. Coils to cover 20, 40 and 80 meter bands furnished. List (less tubes) \$15.00
2N14027—Your Cost

\$28⁵⁰



NEW REL TRANSMITTER AND RECEIVER

The REL No. 296, Amateur 5 Meter Receiver designed and engineered true to REL fashion, housed in a metal cabinet 9 1/2 x 7 inches high x 6 inches deep. Circuit employed requires 2 Type-37 and 1 Type-38 Tubes, which necessitates 6 volts for filament and 135 volts plate supply. Connections made with 8 foot Battery Cable supplied.

A fitting companion to the above Receiver is the REL No. 297 Amateur 5 Meter RADIO TELEPHONE TRANSMITTER designed and panelled exactly as the above and housed in a metal cabinet 13 x 7 inches high x 6 inches deep, designed to use either of two tube combinations, without any changes whatever in the circuit wiring. The first combination makes this outfit extremely portable, employing 2 Type-01-A's and 2 Type-33's. Power required is 6 volts for filament, 135 volts for Plate and 13 volts for C. The second tube combination employs 2 Type-45's and 2 Type-47's, requiring 2 1/2 volts for filament, 250 volts Plate and 16 volts for C. Eight foot Battery Cable supplied for connections.

Frequency measuring apparatus is not necessary as the No. 296 Receiver spreads the entire 5 Meter Amateur Band over the scale of the tuning control, likewise the frequency control of the No. 297 Transmitter is calibrated so that the Amateur will be able to place the transmitter in the 5 Meter Band without the use of Frequency Measuring Apparatus.

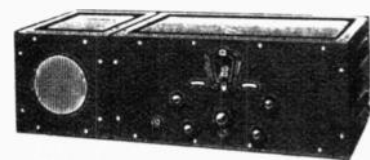
The REL 5 Meter apparatus may be used with present Antenna system or else with especially constructed 5 Meter Antenna system.

No. 296, 5 Meter Receiver
2N14025—
Your Cost

\$20⁷⁵

No. 297, 5 Meter Transmitter
2N14026—
Your Cost, Each

\$27⁷⁵



HAMMARLUND COMET "PRO"

Unquestionably the finest high frequency receiver ever developed. Superheterodyne circuit. Suitable for either code or voice. Range 20,000 to 1500 K.C. Also suitable for experimental work involving frequencies in that range where high sensitivity, low noise level and great selectivity are important. Interchangeable plug-in coils are used to shift from one frequency range to another, two coils to a set. Band spread feature throughout the entire range. Dials and two tank condensers are finely and accurately calibrated for precise logging. Calibration curves furnished with each receiver. Humless output and smooth control of sensitivity. Has gain and sensitivity control to regulate volume. Has intermediate oscillator which can be started and stopped by means of toggle switch on panel. This enables operator to receive CW signals. Also helps in locating stations. Tubes used: 2-24s, 2-35s, 3-27s and 1-80. Enclosed in a handsome crystalline and hardwood finished cabinet. List, \$150.00 (less tubes).
2N13833—Your Cost

\$88²⁰

External Power Amplifier is necessary with the standard Comet Pro in installations where loud speaker volume is required. This push-pull 245 amplifier and built-in dynamic speaker is enclosed in a cabinet to match above receiver. An exceedingly compact combination. Tubes used, 2-24s and -80. List (less tubes) \$50.00
2N13834—Your Cost

\$29⁴⁰

NATIONAL ULTRA SHORT WAVE PARTS

MIDGET ULTRA SHORT-WAVE R-39 FORMS AND COILS



Made of R-39. Low-loss dielectric, these insure highest efficiency, maximum flexibility, stability and fixed calibration in Ultra short-wave circuits. Diameter is such as to give best average form-

factor. Give best results when used with NATIONAL Isolantite Coil Sockets. 4-Prong Forms only.

2N14424—List, 50c

Your Cost, Each

29^c

ISOLANTITE COIL SOCKETS

These reduce losses to a minimum in Ultra short-wave work. For regular or sub-panel mounting. In standard sizes and Special 6-prong type.

2N14425—4 Prong

2N14426—5 Prong

2N14427—6 Prong

2N14428—Special 6 Prong Type

List, 60c. Your Cost Either Type

35^c



MIDGET VELVET VERNIER DIAL



A smaller dial with the famous V.V. Mechanism for small receivers and transmitters. Fixed ratio only. Type BMD—dual range, 0-100-0.
2N14371—List, \$2.00

Type BMC—Clockwise, 200-0.
2N14372—List, \$2.00

Your Cost,
either type

\$1¹⁸

SPECIAL ULTRA SHORT WAVE CONDENSER



Isolantite insulation. Heavy 270 plates, double spaced, insulated front bearing, constant low impedance pigtail, standard capacity 18 mmf. For Ultra Short-wave tuning or neutral-

izing in low power transmitters.

2N14348—List, \$3.50

Your Cost

\$20⁶

R. F. CHOKE FOR ULTRA SHORT-WAVE

Universal wound in four narrow spaced sections on Isolantite form. Has extremely low distributed capacity. Fits in grid-leak clips or can be mounted with stiff leads, directly in the circuit. D.C. resistance 50 ohms, distributed capacity 1 mmf., inductance 2 1/2 mh., current rating 125 m.a.

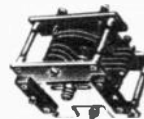
2N14429—List, 75c

Your Cost

44^c



SPLIT STATOR CONDENSER



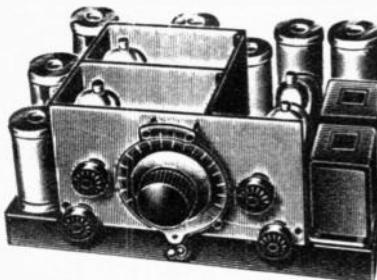
For short-wave receivers and low-power push-pull transmitters—special Isolantite low-loss insulation 1200 volt breakdown. Plates are single spaced. Standard size 100 mmf. per section.

2N14347—List, \$5.00

Your Cost

\$29⁴

NEW NATIONAL 5-METER RECEIVER

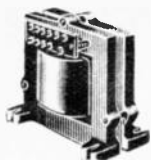


Complete set of parts for newly designed receiver covering range 3 3/4 to 7 1/2 meters. Coils also furnished for use on amateur 20 and 80 meter phone bands. Receives ultra s.w. transmissions now on the air, including television programs, experimental airplane beacon signals (U. S. Navy), amateur phone transmitters. Extremely high signal-to-noise ratio. Single-control tuning. Volume control, sensitivity control, push-pull Pentode power output for loud-speaker operation. Employs above listed new NATIONAL Ultra Short-Wave parts. Made for full AC operation. Ready to operate.

2N13816—List, \$89.50

Your Cost, Special

\$52⁶³



Trutest Plate Transformers 1200 Volts C.T.

Just the transformer you have been looking for—high current, rated at 220 M.A. Primary 115 volts, secondary "B" modulation
2N14075—Your Cost \$575

This Transformer has 115 volt 50-60 cycle primary. Electrostatic shield grounded to cover. Secondary delivers 200 M.A. Has seven terminals arranged to supply the following voltages: 1500, 2000, and 3000 volts. Rated at 600 watts.
2N14076—Your Cost Each \$1150

Primary 115 volts 50-60 cycle. Electrostatic shield grounded to cover. Secondary delivers 300 M.A. Has seven terminals arranged to supply following voltages: 2000, 3000 and 4000 volts. Rated at 1200 watts.
2N14077—Your Cost Each \$1650

FILAMENT TRANSFORMERS

The following filament transformers are made to our own specifications by one of America's largest Transformer Manufacturers and have been designed with a wide safety margin and are guaranteed to withstand their intended working voltages and currents. 110 volt Primary.

Stock No.	Sec'dy Volt.	Sec'dy Amps.	Insulation	Your Cost
2N14078	2.5	10	10000 V.	\$1.20
2N14079	2.5	10	10000 V.	2.90
2N14080	7.5	5	10000 V.	3.50
2N14081	7½-7½	4-4	10000 V.	4.50
2N14082	7½-7½	4-4	10000 V.	5.00
2N14083	10	6	10000 V.	4.25
2N14084	12	6	10000 V.	4.35
2N14085	14	6	10000 V.	4.35

FILTER CHOKES

These chokes are manufactured by the same people and also carry the same unconditional guarantee of quality. They are accurately rated and are extra heavy in construction.

Stock No.	Ind. Hys.	Current Mills	Your Cost
2N14086	10	250	\$4.35
2N14087	30	160	5.50
2N14088	30	250	8.10
2N14089	30	350	10.00
2N14080	30	500	11.50

DOUBLE CHOKES

Two chokes each being approximately 20 henrys mounted on same core, rated at 160 M.A. For two section filter.

2N14091—Your Cost Each \$625
Same as above rated at 250 M.A.
2N14092—Your Cost Each \$925

H & H BLEEDER RESISTORS

Widely known and used by practically all amateurs. Furnished complete with end mounting brackets. No tap

Stock No.	Work'g Volts	Res. Ohms	Watts	Your Cost
2N14050	500	50000	100	\$2.50
2N14051	750	50000	200	3.10
2N14052	1000	60000	100	2.75
2N14053	1000	100000	100	2.75
2N14054	1000	60000	200	3.10
2N14055	1500	80000	100	3.10
2N14056*	1500	80000	200	6.10
2N14057*	2000	100000	200	6.25

Sizes: 100 watt 6½x1½; 200 watt 8½x1½ inches. (*) Indicates double units.

SPECIAL GRID LEAKS

Stock No.	Resistance Ohms	Your Cost
2N14058	5000	\$2.15
2N14059	10000	2.35
2N14060	15000	2.50
2N14061	20000	2.75
2N14062	30000	3.00
2N14063	50000	3.25



Class "B" Modulation Transformers

Trutest designed for 2-UX 245s feeding a pair of UX 210s. Class "C" modulated amplifier plate current may be passed through output winding but parallel plate feed is recommended using a choke and condenser.
2N14064—Your Cost Per Pair \$925

WEBSTER Class "B" Transformer

Properly engineered transformers for class "B" modulation using 210 tubes. (See Dec. Issue QST.) Type A1-910 Input Transformer, and Type AM-811 Modulation Transformer (for 2).
2N14065—Your Cost Per Pair \$850
Webster Class "B" Transformers designed

for use with push-pull 250 tubes as the exciting amplifier for a pair of UV 203As.
2N14066—Your Cost Per Pair \$1475

Crystal Holder

Made of heavy nickel plated brass and bakelite. Has standard prongs. Ground oxide-coated metal bottom contact and spring brass upper contact. Size, 2¼x1½x¾ inches.
2N14067—Your Cost, less crystal \$250

TRUTEST "SUPER" CLASS "B" MODULATION TRANSFORMERS

Designed to be used with a pair of UX 250s pushing a pair of UV 203-As. The output Transformer is exceptionally large and uses 60000 volt insulation throughout. It is also designed to pass the plate current of the class "C" modulated RF amplifier, parallel plate "B" not being necessary. The input transformer incorporates a monitor winding for a loud speaker. The class "B" Transformers are for the man who wants the best. These transformers can be supplied to your specifications, at the same price should you desire to use different tubes.
2N14068—Your Cost Per Pair \$3250

National Class "B" Audio Transformers

TYPE BI—For coupling two 245 tubes operating in push-pull at normal voltage to two 210s operating as a class "B" audio power amplifier or modulator. TYPE BO designed to couple a class "B" amplifier or modulator employing two 210s to any load between 3000 and 8000 ohms. Taps are provided for operating with the following loads: 3000, 4000, 5000, 6000 and 8000 ohms. List Per Pair \$21.00.
2N14069—Your Cost \$1235

Sangamo Xmitting Condensers

5000 volts test. Molded Bakelite, mica dielectric. For plate blocking and grid condensers. Available in all popular capacities State, capacity wanted .001 and .002 Mfd. State size wanted.

2N14117—Your Cost, Each \$117

Stock No.	Type	Capacity Per Sec.	Total Cap'y in Series	Cap'y in Multiple
2N14113	156-B	.005 Mf	.0025	.001
2N14114	197-B	.00008 "	.0004	.00016 "
2N14115	157-B	.00021 "	.0001	.00042 "
2N14116	510-B	.00011 "	.000055	.00022 "
2N14117	215-B	.00005 "	.000025	.0001 "

Stock No.	Type	Maximum Capacity	Air Gap	No. Plates	Depth In.	Your Cost
2N14118	141-B	.00025 Mf	.030 In.	11	2½	\$2.91
2N14119	123-B	.00048 "	.030 "	21	3	3.43
2N14120	137-B	.00096 "	.030 "	41	4	4.12
2N14121	T-183	.00011 "	.171 "	23	6½	6.86
2N14122	164-B	.00022 "	.070 "	21	4	3.43
2N14123	T-199	.00033 "	.084 "	37	6½	6.86
2N14124	147-B	.00044 "	.070 "	43	5½	6.86
2N14125	511-B	.00023 "	.171 "	5	3	2.74
2N14126	513-B	.00005 "	.171 "	11	4	4.80

TRANSMITTING CONDENSERS

Stock No.	Type	Maximum Capacity	Air Gap	No. Plates	Depth In.	Your Cost
2N14118	141-B	.00025 Mf	.030 In.	11	2½	\$2.91
2N14119	123-B	.00048 "	.030 "	21	3	3.43
2N14120	137-B	.00096 "	.030 "	41	4	4.12
2N14121	T-183	.00011 "	.171 "	23	6½	6.86
2N14122	164-B	.00022 "	.070 "	21	4	3.43
2N14123	T-199	.00033 "	.084 "	37	6½	6.86
2N14124	147-B	.00044 "	.070 "	43	5½	6.86
2N14125	511-B	.00023 "	.171 "	5	3	2.74
2N14126	513-B	.00005 "	.171 "	11	4	4.80

BRADLEY RADIOSTATS



Power Rheostats especially designed for radio transmitting apparatus.

TYPE E 2111: Resistance 4 to 150 ohms. Capacity, ½ K.W.
2N14128—Your Cost Each \$542
TYPE E 210: Resistance 4 to 150 ohms. Capacity 75 watts.
2N14129—Your Cost Each \$334
TYPE E 210 RADIOLEAK: Variable grid leak. Range, 5000 to 30,000 ohms.
2N14130—Your Cost Each \$417

Ward Leonard Midget Relays



Model 501: For use with mercury-vapor rectifiers. Equipped with enclosing cover and adjustable thermal time element to delay the application of plate potential. Single pole, single throw, single break, normally open. 110 volt 60 cycle.
2N14131—Your Cost Each \$765

Model 502: For use with mercury thermostat for crystal oven control. Single pole, single throw, double break. Normally closed.

2N14132—Your Cost \$300

Model 507: Keying Relay; single pole single throw, double break. 2½ volts D.C.

2N14133—Your Cost Each \$300

Model 508: Keying Relay same as above for 6 volts D.C.

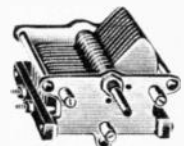
2N14134—Your Cost Each \$300

Cardwell

Midway

Featherweight

Condensers



RECEIVING TYPE

Have .031 air gap and are also suitable for low power transmitting sets using type 210 tubes.

Stock No.	Type	Plates	Max. Capy. MMF.	Your Cost
2N14100	401-B	3	26	\$1.24
2N14101	402-B	5	50	1.30
2N14102	403-B	7	70	1.35
2N14103	404-B	11	105	1.41
2N14204	405-B	15	150	1.47
2N14105	406-B	25	260	1.62
2N14106	407-B	35	365	1.77

TRANSMITTING TYPE

Have .07 air gap suitable for transmitters using up to 75 watt tubes. Rotor and stator plates have edges well rounded and are highly polished.

Stock No.	Type	Plates	Max. Capy. MMF.	Your Cost
2N14107	408-B	5	22	\$1.30
2N14108	409-B	7	35	1.92
2N14109	410-B	11	50	2.20
2N14110	411-B	15	70	2.50
2N14111	412-B	21	100	2.92
2N14112	413-B	31	150	3.77

SPLIT STATOR CONDENSERS

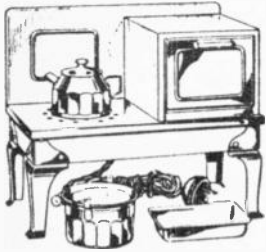
Stock No.	Type	Capacity Per Sec.	Total Cap'y in Series	Cap'y in Multiple	Air Gap	Plates	Depth In.	Your Cost
2N14113	156-B	.005 Mf	.0025	.001	.030 In.	21	4	\$4.80
2N14114	197-B	.00008 "	.0004	.00016 "	.070 "	21	4	4.80
2N14115	157-B	.00021 "	.0001	.00042 "	.070 "	21	5½	8.23
2N14116	510-B	.00011 "	.000055	.00022 "	.171 "	23	12	21.05
2N14117	215-B	.00005 "	.000025	.0001 "	.171 "	11	6½	

TRANSMITTING CONDENSERS

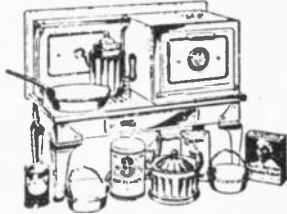
Stock No.	Type	Maximum Capacity	Air Gap	No. Plates	Depth In.	Your Cost
2N14118	141-B	.00025 Mf	.030 In.	11	2½	\$2.91
2N14119	123-B	.00048 "	.030 "	21	3	3.43
2N14120	137-B	.00096 "	.030 "	41	4	4.12
2N14121	T-183	.00011 "	.171 "	23	6½	6.86
2N14122	164-B	.00022 "	.070 "	21	4	3.43
2N14123	T-199	.00033 "	.084 "	37	6½	6.86
2N14124	147-B	.00044 "	.070 "	43	5½	6.86
2N14125	511-B	.00023 "	.171 "	5	3	2.74
2N14126	513-B	.00005 "	.171 "	11	4	4.80

YOU SAVE BY BUYING NOW AT THESE LOW PRICES

KO-KO-MO LITTLE LADY JUVENILE ELECTRIC RANGES



This little Ko Ko Mo model is a recognized price leader. Can be had with a Red or Green Enamel finish. Nickel plated legs, top, plate and door. Actually cooks and bakes. Size 9 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x8 in. Has three aluminum utensils, heater cord and plug. Shpg. Wt. 2817328—List \$1.75. **98¢**
Your Cost



A gift for the little "Miss" will make her jump with joy. Consists of aluminum cooking utensils, cook book and real groceries. Enamel finish in Green with Buff panels and nickel trim. Measures 15 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x12 in. with 2 on and off switches. Shpg. Wt. 16 lbs. 2817327—List \$8.95. **\$4.95**
Your Cost



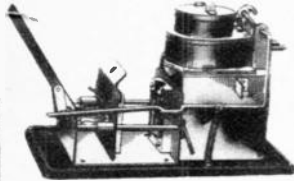
Make the "little one" feel grown-up with this beautiful enameled stove in Green with Buff panels and legs. This large size model 15 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x12 in. boils water, bakes and fries. Complete with three aluminum utensils, heating cord and plug. Shpg. Wt. 13 lbs. 2817328—List \$6.00. **\$3.49**
Your Cost

ERECTOR SET



What fun the little fellow will have building with this Dandy Beginners' set! More fun than making mud pies, and much more fascinating. Builds square girder. Large assortment of parts, and instruction manual. Size 12 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x $\frac{1}{2}$ in. Builds over 100 models. Shpg. Wt. 2 lbs. 2817328—List 95¢. **59¢**
Your Cost

GILBERT KASTER KIT



In an hour's time any boy can actually cast their own soldiers, sailors, Indians and other lead toys and novelties, quickly and easily. The Gilbert Kaster Kit for boys and adults is very simple to operate. Heat is supplied by a built in Electric Heating unit. Just plug into any electric outlet. Complete with 2 dies and 6 lead bars, instruction manual and complete set of handling and die cleaning tools. Size 10 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x6 in. Less cord and plug. Shpg. Wt. 8 lbs. 2817330—List Price \$1.95. **\$2.95**
Your Cost

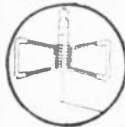
Gilbert Kaster Kit Metal for Melting purposes is the best. Package of ten bars. Shpg. Wt. 2817331—List 50¢. **34¢**
Your Cost

Extra Dies are as follows: Army Officer, Infantry Soldier, Indian, Cannon. Shpg. Wt. 2817332—List \$1.00. **73¢**
Your Cost, Each Die

ERECTOR SET



Can you imagine with what zest the boy will play with this Electrical set! Something he can never tire of, and dabble with to his hearts content. It electrifies and illuminates. Features electrification of Erector Sets. It is a complete set in itself with many interesting experiments, that instruct and entertain. 26 page Manual. Size 18x10x2 $\frac{1}{2}$ in. Shpg. Wt. 5 lbs. 2817333—List \$4.95. **\$3.09**
Your Cost

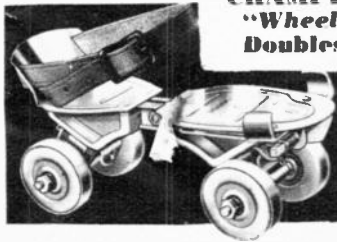


DOOR CLOSER

Made of steel with nickel finish. Closes door instantly, no screws, no nails, placed on hinges. May

be had in three sizes: Large for exterior door, Medium for house and office door, small for screen and light doors. Shpg. Wt. 8 oz. 2817330—List 20¢. **20¢**
Your Cost

CHAMPION Roller Skates "Wheel within a Wheel" Doubles Sidewalk Miles



The New Champion Skates with the double thread wheel means many pleasant skating miles. Following are several points that demonstrate reasons for superiority: Double row ball-bearing—16 perfect balls to wheel. Extra wide toe clamp adjustment for wide shoes. Double channel extension bar—one sagging in middle when extended. Heel plate

RED SKIN MODEL

and heel back in one piece—no rivets. Double angle chassis support. Exceptionally high heel back. Live rubber cushions. Embossed sole and heel plates with "Silver Brite" finish. Shpg. Wt. 6 lbs. 2817338—List \$2.75. **\$1.45**
Your Cost

KO KO MO BIG 6



Give him a gun and make him happy. The Big 6 Gun shoots six rubber bands, one after another, at one loading. Shoots other, at one loading. Shoots hard enough to make the targets spin when you hit them. Gun complete with target and rubber band ammunition. Shpg. Wt. 2 lbs. 2817334—List 75¢. **49¢**
Your Cost

MACHINE GUN



What a thriller for the boys! Looks and shoots like a real machine gun. Loads with 12 rubber bands and shoots one at a time. Has no springs to get out of order, and is enameled in a brilliant orange. Gun is 16 $\frac{1}{2}$ inches long, 9 inches high. Packed in a highly attractive box and is complete with rubber band ammunition. Every boy wants a gun and he will enjoy this one because of its automatic design. Shpg. Wt. 3 lbs. 2817335—List \$1.50. **85¢**
Your Cost

WEEK-END IRON



Take one of these irons on your vacation this summer. Constructed the same as your laundry iron, but smaller and lighter in weight. Operates on any 110 volt house current. Shpg. Wt. 2 lbs. 2818218—List \$1.50. **59¢**
Your Cost

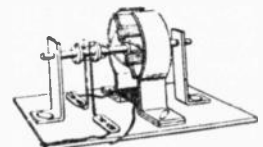
BOY TOYMAKER



Bring out his creative instinct with the Boy ToyMaker. He'll spend many happy hours with this set which contains every essential for making wooden toys and novelties. Equipped with fine soft wood, bradawl, joining pins, tracing, coloring sand-papering materials, saw bench and metal clamp, hammer and nails, saw blades and joining pins, and a great variety of pattern designs. Packed substantially in neat, heavy cardboard box. Shpg. Wt. 5 lbs. 2817336—List \$2.00. **\$1.09**
Your Cost

Package of Wood

The package of wood contains 12 in. and assortment of 3-ply wood basswood boards, size 12x4 $\frac{1}{2}$ "x $\frac{1}{4}$ " boards in several sizes. Shpg. Wt. 2 lbs. 2817337—List \$1.00. **69¢**
Your Cost



BOY'S! BUILD THIS ELECTRIC MOTOR—EXPLAINS THE FIELD, ARMATURE, COMMUTATOR AND BRUSHES.

Many schools have found this Electric Motor to be an unsurpassed aid for the teaching of electrical science. It sells for only 10¢ and has a speed of over 6000 revolutions per minute—runs on a single No. 6 dry cell battery. Lots of fun. Complete instructions to build, no tools required. Instructions that teach you more in minutes than hours of study. The instructions tell about the Field, Armature, Commutator and Brushes. Shpg. Wt. 8 oz. 2817341—**9¢**
Your Cost

BUSSLIGHTS

The Handiest
Light in the
World

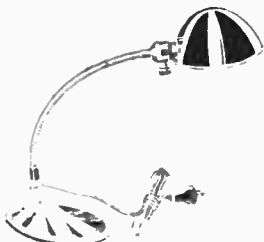


This convertible bronze lamp, enriched by a gold striping on the base and shade has been greatly acclaimed. Besides the ingenious characteristics illustrated in the diagram, a slot in the base may be used to hang the lamp on the wall like a permanent fixture. Measures 14 inches tall, complete with translucent shade, 9 foot cord and combination separable plug. Shpg. Wt., 5 lbs.

2V18309—Your Cost **\$2.76**

A convertible bronze lamp, with characteristics similar to lamp above, our No. 2V18309, but measures 11½ inches and is slightly different in design. Shpg. Wt., 4 lbs.

2V18340—Your Cost **\$1.60**



DESK LAMP

No desk is fully equipped without a lamp. This is a Mahogany colored flexible arm desk lamp of exceptionally neat design. A wonderful utility lamp that can be adjusted to throw the circle of light whichever way required. Shpg. Wt. 5 lbs.

2V18311—Your Cost **98¢**



HANDLE CAP

Bakelite attachment cap with handle. Large size Shpg. Wt. 8 oz.

2M13281—Your Cost, Each **7¢**
Per Dozen **62¢**



Feed Through Switch

Connects on any cord. Brown bakelite. Shpg. Wt., 8 oz.

2M13276—Your Cost, Each **19¢**
Carton of 10 **\$1.70**



FITS ALL ELEMENT FLATIRON

Iron replacements. Will fit over 90% of the irons on the market, including G. E. Hot Point, Sunbeam, etc. Shpg. Wt., 1 lb.

2M13270—Your Cost, Each **23¢**
Carton of 10 **\$2.09**



Lighter Unit

For all electric cigar lighter using standard base. Shpg. Wt., 8 oz.

2M13286—Your Cost, Each **12¢**
Carton of 10 **\$1.10**



BAKELITE Name-Plate Push Button

Bakelite molded with place for name. Long-life spring contacts. Shpg. Wt., 8 oz.

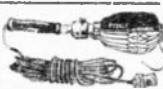
2M13285—Your Cost, Each **15¢**
Per Dozen **\$1.59**

Immersion Heater

The moment the heater is placed in a receptacle of water you get ACTION! Plug in the cord place the Chromium disk in the water and you get Hot Water! Extra heavy chromium heating element. Heavy brass shell chromium plated. 8 feet of rubber covered cable. Insulated rubber plug. Shpg. Wt., 2 lbs.

2V18301—Your Cost **\$1.09**

TROUBLE LAMP



Extra heavy lamp 12 ft. rubber covered cord Shpg. Wt., 3 lbs.

2M13273—Your Cost **\$1.20**

2M13274—With 20 ft cord **\$1.45**

Your Cost

TROUBLE LAMP

Complete with 12 ft rubber cord and plug. Switch at socket. Shpg. Wt. 3 lbs.

2M13271—Your Cost **75¢**

2M13272—With 20 ft cord **\$1.00**

Your Cost

NON-TWIST PLUG

No more twisted cords with this new plug. Approved by the board of fire underwriters. Shpg. Wt., 8 oz.

2M13277—Your Cost, Each **20¢**
Per Dozen **\$2.20**



Bakelite Base Receptacle

This outlet mounts on any wood base. Colors, brown or ivory. Shpg.

Wt., 8 oz.

2M13283—Your Cost, Each **12¢**

Carton of 10 **\$1.05**

G. E. Cord Connector



Brown bakelite cord connector with flat contacts. Shpg. Wt., 8 oz.

2M13288—Your Cost, Ea. **23¢**

Per Dozen **\$2.60**

STERNO STOVES



A folding stove for all forms of cooking—indoors or outdoors. Folds flat and takes up little room. Will cook the morning breakfast or light lunch in a jiffy. Consists of black enameled folding stove, can opener-extinguisher and can of Sterno Heat. Shpg. Wt., 2 lbs.

2V18304—Your Cost, Each **20¢**
Six for **\$1.05**

CANNED HEAT

A solid non-melting portable fuel, which ignites readily, burns steadily and intensively until consumed. It can be extinguished and re-lit as many times as desired until consumed. May be had in two sizes. Small size



2V18308—Your Cost, Each **8¢**

Per Dozen **84¢**

Large Size **20¢**

2V18312—Your Cost Each **\$2.10**

Per Dozen **\$2.10**



Sterno Heat in tubes is the most practical fuel for outdoors. Just squeeze a little from the tube and you will find it the best aid for instant heating. Shpg. Wt., 8 oz.

2V18307—Your Cost, Each **8¢**

Per Dozen **84¢**

Bakelite Current Tap

Made of bakelite with one lamp and two appliance outlets. Shpg. Wt., 8 oz.

2M13278—Your Cost, Each **12¢**

Carton of 10 **\$1.05**

TWIN-LITE SOCKET

Two-way bakelite outlet. Shpg. Wt., 8 oz.

2M13279—Your Cost, Each **12¢**

Carton of 10 **\$1.10**

BAKELITE ANGLE PLUG

One straight and one side outlet. Shpg. Wt., 8 oz.

2M13280—Your Cost, Ea. **12¢**

Carton of 10 **\$1.10**

BAKELITE TRIO PLUG

Three separate outlets from one receptacle. Colors, brown or ivory. Shpg. Wt., 8 oz.

2M13282—Your Cost, Each **9¢**

Per Dozen **\$0.90**

PENDANT SWITCH BAKELITE

Switch turns ceiling light on and off. Has outlet at bottom, fitting all kinds of appliances. Shpg. Wt., 8 oz.

2M13284—Your Cost, Each **34¢**

Carton of 10 **\$3.20**



Suitable for use in camp, tent, bungalow, cabin or at home. Cooks a man size meal. Equipped with New Sterno Heat Intensifiers, which give a hotter, more intense flame for quick results. Safe, handy and compact. Folds like a suit-case yet light in weight. Finished in khaki green enamel. 16½ x 10 x 5 inches. Complete with two cans of large size Sterno Heat. Shpg. Wt., 11 lbs.

2V18306—Your Cost, Each **\$2.75**

Six for **\$14.70**

TORCH OUTFIT



This torch set is a novel device developed for great convenience. Especially useful to servicemen when erecting aerials on roofs where there is no electric outlet. Consists of wire folding stand with set to hold pots or other articles to be heated. Shpg. Wt., 3 lbs.

2V18305—Your Cost, Each **20¢**

Six for **\$1.05**

MICRO-LIGHTER

Everyone is "radio minded". This cigarette lighter is a "take-off" on the radio microphone. Instant in action, it is very suitable for home or office.



Long life is assured because of excellence of heating element, which may be replaced. Finished in Chromium Plate. It measures 2½ inches wide, 3¼ inches high. Felt base pad prevents scratching polished surfaces. Complete with silk cord and plug. Shpg. Wt., 2 lbs.

2V18300—Your Cost **95¢**

SNAP-IT CORD SET



Brown bakelite appliance plug with convenient snap switch. Brown silk cord and standard 2-piece outlet plug. Individually boxed. Shpg. Wt., 2 lbs.

2V18303—Your Cost, Each **49¢**

Carton of 10 **\$4.60**

6 ft. Special Rayon Silk Cord set with cold mold cap and regular heater plug. Shpg. Wt., 2 lbs.

2V18302—Your Cost, Ea. **20¢**

Per Dozen **\$2.20**

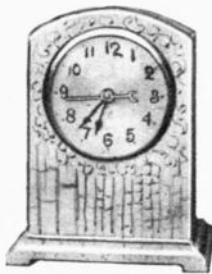
VALUES YOU CAN'T AFFORD TO MISS!

CONNECTICUT ELECTRIC ALARM



A competition defying alarm clock of extraordinary value. An accurate time-keeper that will give reliable and dependable service. The 3 1/4 in round dial is decorated with a modernistic pattern, giving a silver tone effect. Full sweep second hand. Genuine walnut bakelite case. 4 inches high x 4 inches wide with convex glass. The mechanism is sure to give complete satisfaction. Complete with cord and plug. Operates on 110 volts, 60 cycle. Shpg. Wt. 4 lbs. 2U18050—List \$3.50. **Your Cost \$1.75**

MODERNISTIC ELECTRIC CLOCKS ALARM AND STANDARD MODELS



A clock of beauty and a joy forever. No more over-sleeping. This alarm will wake you gently yet firmly. A graceful model designed with a distinct modernistic flair, yet beautiful in its simplicity. The beautiful bakelite case is set off by the chrome bezel around the convex glass. The silver dial is equipped with a sweep second hand. A well designed clock with an even smooth movement. Clock measures 6 1/2 inches high, 5 1/4 inches wide and 3 1/2 inches deep. Made with and without alarm and can be supplied in two colors: Jet Black with chrome bezel and Crackle Ivory intertwined with gold. A toggle switch is mounted on the back of clock for turning alarm on and off. Complete with silk cord and plug. State color of case desired when ordering. Shpg. Wt., 4 lbs. 2U18052—Without Alarm feature. List \$4.00. Your Cost... **\$1.98** 2U18053—With Alarm feature. List \$5.50. **Your Cost \$2.75**

CONNECTICUT ELECTRIC ALARM



Here is an utterly modernistic electric alarm clock 4 1/2 inches square with full sweep second hand. Glass covered silver tone dial measures 3 inches square. The mechanism is built in an intense black metal case. Bell-type alarm which is very penetrating. Alarm on and off switch mounted at rear of clock. Made by the manufacturer of the famous Ingersoll watches and clocks. Complete with cord and plug. Operates on 110 volt, 60 cycles. Shpg. Wt. 4 lbs. 2U18051—List \$3.00. **Your Cost \$1.50**

GUARANTEE—All Clocks listed are guaranteed for one year against mechanical or electric defects by the manufacturer.

LECTROLARM



An electric alarm clock of conservative appearance and unquestionable value. A large cash purchase has this unusual value possible. This is an accurate time-keeper with a sure acting alarm. Walnut moulded bakelite case, 5 1/2 inches high x 3 1/4 inches wide. Has oilless bearings and a beautiful lithographed dial, 3 1/2 x 2 1/2 inches in size. This reliable clock comes complete with cord and plug. Shpg. Wt. 4 lbs. 2U18054—List, \$2.50. **Your Cost 98¢**



Electric Alarm Clock
An Onyx finish clock, made of Vidorio material. Lithographed dial covered with a convex glass and black bezel. Size of base 5 1/2 x 5 1/4 inches, size of clock, 3 1/2 x 3 1/2 inches. Clock can be used with or without the base, specially designed for the boudoir where an alarm clock is a necessity. 2U18056—List \$3.00. **Your Cost \$1.59**

Electric Kitchen Clock

A beautiful all metal wall type kitchen clock finished in three different colors, ivory, green and blue. Silver finish dial with white numbers outlined with black. Black hands with full sweep red second hand. Convex glass 5 inches in diameter with nickel polished bezel. Clock measures 8 inches square and is complete with colored cord to match clock. Specify color of clock desired when ordering. Shpg. Wt. 6 1/2 lbs. 2U18055—List \$3.75. **Your Cost \$1.98**

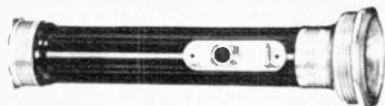


TELECHRON



A wall type electric clock with Duro-Metal case, enamel lacquer finish. Size 7 1/2 inches in dia. x 3 1/2 inches deep. Cream color 4 1/2 inch dial and full sweep second hand. Supplied in green, blue or ivory. A clock you will be proud to have in your home. Shpg. Wt. 8 lbs. 2U18057—List, \$5.50. **Your Cost \$4.12**

BURGESS FLASHLIGHTS and BATTERIES



500 FT. FLASHLIGHT

A 500 Ft. Three cell Focusing flashlight, with chromium fittings. Black body, using 3 Burgess No. 1 unicells. Measures 7 1/4 in. x 1 1/4 in. A handy light for all outdoor use. Case only. Shpg. Wt. 2 lbs. 2V18190—List \$1.15. **Your Cost 75¢**



400 FT. SPOTLIGHT

An exceptional sturdy case for such a low price. Has 400 ft. focusing beam, 3 position safety switch and garter clip. Black with nickel fittings, 6 1/2 x 1 1/2 in. in size. Uses 2 No. 2 unicells. Case only. Shpg. Wt. 2 lbs. 2V18193—List \$0.75. **Your Cost 52¢**



300 FT. SPOTLIGHT

Black finished case 5 1/2 x 1 1/4 in. All fittings chromium plated. Focusing type with 300 ft. beam, using 2 No. 1 unicells. Case only. Shpg. Wt. 2 lbs. 2V18191—List \$1.00. **Your Cost 65¢**



BROADBEAM

A wonderful buy. Strong black case with 3-position safety switch and garter clip. Size 6 1/2 x 1 1/2 in. Uses 2 No. 2 unicells. Case only. Shpg. Wt. 2 lbs. 2V18192—List \$0.49. **Your Cost 34¢**

MAZDA FLASHLIGHT BULBS

Mazda No.	Voltage	Your Cost	Your Cost Each for 10
2V18200	1	2.2	7c \$0.60
2V18201	11	2.3	7c .60
2V18202	*13	3.8	7c .60
2V18203	*14	2.5	7c .60
2V18204	19	1.25	8c .66
2V18205	35	2.4	8c .73
2V18206	26	5.0	12c 1.07
2V18207	*40	6.0	11c .94
2V18208	*41	2.5	9c .80

*3 cell focusing flashlights. **All 2 cell flashlights. **Radio panel lights.

BURGESS UNICELLS

2V18197—Burgess No. 1 Unicell. Size 1 1/2 x 1 in. Each cell, List 10c. **Your Cost 6 1/2¢** 2V18198—Burgess No. 2 Unicell. Size 2 1/2 x 1 1/4 in. Each cell, List 10c. **Your Cost 6 1/2¢**

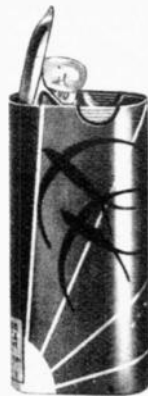


BURGESS "B" BATTERIES

A full line of Burgess A, B, and C, batteries are carried in stock at all times. Batteries can be ordered by the Burgess numbers. Prices are the same as Eveready batteries listed on page 80 of this catalogue.

BURGESS SNAP-LIGHT

Entirely new designed snap-Lites of red, black or green. Carry one of these convenient lamps with you at all times. The new snapper top permits easy battery renewals. Its small size, compactness and low price makes its appeal universal. To replace Battery: Snap open. Then squeeze the knurled finger pads in both sides at the top edge of the Snap-Lite and lift out the snapper assembly. Holding the snapper assembly in an open position, insert it into the new battery. Remember, each battery replacement means a complete new lithographed can with battery, assuring you a new case with each battery replacement. Snap-Lite complete with bulb and battery. Shpg. Wt., 1 lb. 2V18194—List 30c. **Your Cost 23¢** Extra batteries for above. Shpg. Wt. 8 oz. 2V18196—Each List 10c. **Your Cost, Each 07¢**





MIXMASTER

This new Sunbeam Mixmaster is a delight to all women who use it. Does away with the hard work of mixing and beating, and does the work more completely in one third the time. Makes a very thorough, even mixture. Wonderful for mashed potatoes, makes them



lighter, fluffier and better in every way than hand mashing. Excellent for mixing waffle batter, whipping cream, beating eggs, mixing mayonnaise, beverages, etc. Motor has plenty of power to mix anything required. The little lever at the side of the base permits any degree of speed desired. Light and portable, easily moved from place to place. It is a complete mixer and juice extractor. Shpg. Wt. 26 lbs.

2V18183—List \$18.75. Your Cost

\$12.95

DAWN MIXER



Portable Electric Food Mixer and Juice Extractor

The Dawn is a Revelation in Preparing—Cake batter. Salad dressing. Pie fillings. Mashed potatoes. Whipped cream. Sauces. Mayonnaise. Puddings. Hot and cold drinks and numerous other foods.

The Dawn ROTO-SWING mixer with special flexible support at the top of mixer permits beater to rotate and swing to any part of the bowl, assuring an even and thorough mixing of all ingredients. This feature is exclusive with Dawn mixers. Paddles and case are made of solid chrome steel, highly polished and everlasting. Supplied with a beautiful French Ivory Mixing Bowl. Portability means Flexibility—The Dawn can be used without the stand. Well placed handle gives ideal balance. Insulated switch lever, controlling the motor speed, is easily operated by the hand holding the mixer. The portable mixer is used in many ways that cannot be done with the stationary mixer. The Sturdy, Quiet, Powerful Motor and mechanism driving the beater will mix or beat any food stuff from whipping cream to the mashing of potatoes or mixing of fruit cake batter. The paddle assembly is instantly detached by light pressure on two release buttons.

The Dawn is also a marvel in EXTRACTING FRUIT JUICES. By removing paddles and affixing extractor bowl, you have a juice extractor efficient and convenient. Parts are not affected by fruit acids. Jerk-Proof, Unbreakable rubber plug with six feet of moisture resisting rubber cord. Shpg. Wt. 16 lbs. **\$9.95**

2V18182—List \$14.95. Your Cost



GENERAL JUICE EXTRACTOR

A Convenience Plus Economy. Speedily and easily extracts all the fruit juice from any citrus fruit: limes, lemons, oranges, grapefruit, etc. Produces fully 25% more juice than the old hand reaming method. Strained ready to serve. An exceptionally attractive, sturdily built mechanical extractor. Highly polished aluminum bowl 5 in. dia x 3 1/2 in. deep. Removable strainer and cast aluminum rotor. Nickel plated finish throughout. Clamp opens 1 1/4 inches. This is a practical household necessity. Gears, carefully meshed for easy operation. Shpg. Wt. 3 lbs.

2V18211—List \$1.75. Your Cost

98¢



WHITE CROSS Heating Pad

Full size 12x15 in. heating pad with eiderdown cover soft and flexible 8 ft. heater cord

with 1 heat switch and attachment cap. Shpg. Wt. 3 lbs. 2V18212—List \$3.80. Your Cost

\$2.47

POLAR CURBS Electric Whisk Broom



Cleans furniture, drapes, mattresses and upholstery. Also picks up crumbs. Motor casing finished in baked black enamel. Blue cloth bag supported inside by a spring to hold it in shape. Easily detached to empty. Operates on A.C. or D.C. current. Shpg. Wt. 4 lbs.

2V18213—List \$6.95. Your Cost

\$4.45

WHITE CROSS VIBRATOR



Universal motor operates on A.C. or D.C. current. Contains four types of applicators. Black carrying case, treatment book and color chart included. Shpg. Wt. 5 lbs. 2V18214—List \$11.00. Your Cost

\$7.15



WHITE CROSS Violet Ray

Generator—Polished hard rubber handle, increasing coils and adjustments with

green karolite adjusting knob. Equipped with three electrodes, Surface Comb and external throat also beautiful carrying case and treatment book. Shpg. Wt. 7 lbs. 2V18215—List \$12.50. Your Cost

\$8.12

CURLING IRON



An exceptional value. All metal parts are finished in a gleaming nickel plate. Equipped with disc type cooling rest. Silk covered rubber insulated cord and plug. Shpg. Wt. 2 lbs.

2V18216—List \$1.00. Your Cost

65¢

MARCEL WAVER



A very popular and efficient marcel waver for home use. Scissor type construction. Rods are curved and the clamp is of the proper depth for a perfect wave. Shpg. Wt. 2 lbs.

2V18217—List \$1.60. Your Cost

\$1.15

NOTICE

Most of our Electrical Appliances can be supplied in 220 Volts at a slight Additional Cost.

WHITE CROSS AUTOMATIC IRON

Unsurpassed for ease, speed and quality of ironing. New patented thermostat insures constant temperature. Wide range heat indicator on top of iron may be adjusted to any heat desired. Will out-perform most 1000 watt irons. This appliance actually maintains the temperature at which dial is set. Comfortable, sure-grip ebonized handle. Has clear-vision beveled-edge sole plate, streamline tapered point with rigid heel rest and finished in highly polished chrome plate. Complete with flexible heater cord and plug. For 110 volt A.C. current only. Shpg. Wt. 10 lbs.

2V18184—List \$5.80. Your Cost

2V18185—Same as above, but nickel plated

List \$1.60. Your Cost



\$3.77

\$3.12

NONPARAL IRON



A 6 lb. nickel plated laundry iron with comfortable black finish handle and heel-rest. Porcelain heating element imbedded in special process cement. Tapered point, complete with heating cord, plug and attachment cap. Fully guaranteed for one year against all mechanical and electrical defects. Shpg. Wt. 9 lb.

2V18188—List \$1.00. Your Cost

98¢

WHITE CROSS



A beautiful streamline, tapered point iron with ebonized wood handle and heel rest. Genuine asbestos covered heater cord with plug and attachment cap. Highly polished chromium finish. Shpg. Wt. 10 lbs.

2V18186—List \$3.80. Your Cost

Same as above, but nickel plated.

2V18187—List \$2.90. Your Cost

\$2.47

\$1.88

NONPARAL "DELUXE"

A DeLuxe 6 lb. tapered point electric iron, chromium plated. Constructed with a genuine "chromalox" heating element and black rubberoid handle. Complete with heater cord and attachment cap. Shpg. Wt. 9 lbs.

2V18189—Your Cost

\$1.35

Same as above, but highly polished nickel plated

\$1.25

2V18210—Your Cost



EV'RYDAY WAFFLE IRON WITH NEW HEAT CONTROL



An excellent waffle baker employing a full size 8-inch pure aluminum grid with batter ring, and equipped with a new type heat indicator. Designed to bake evenly and quickly. Special expansion hinge insures a delightful waffle. New in design and beautifully finished in chrome. Consumes 600 watts. Shpg. Wt., 8 lbs.
2V18225—List, \$8.50—Your Cost... **\$3.95**

TORRID PERCOLATOR



This highly polished aluminum percolator with mica insulated, nichrome heating element enjoys wide-spread popularity. Measures 11 3/4 x 5 3/4 inches in size and is a full 8 cup capacity. Sturdily constructed and is guaranteed for 1 year. Consumes 460 watts and comes complete with bakelite cord set. Shpg. Wt. 5 lbs.
2V18228—List, \$3.75
Your Cost... **\$2.45**

SUPERSTAR TOASTER



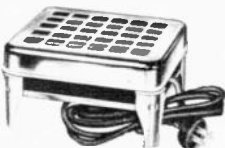
Toasts two full slices of bread at one time, quickly and evenly. Sturdily constructed and finished in highly polished nickel plate. Just drop the door and toast automatically reverses itself without being touched by fingers. Sun Ray design, genuine nichrome element and insulated handles. Shpg. Wt., 5 lbs.
2V18226—List, \$1.75
Your Cost... **95¢**

WASHINGTON TOASTER



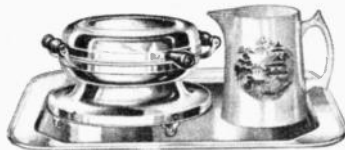
An extremely popular toaster, has an etched design of George Washington on both doors. There is a wonderful market for dealers selling this toaster as a Bi-Centennial souvenir. Just open the door and bread automatically turns over. Hand laced mica heater cord and element with attached plug. Shpg. Wt., 5 lbs.
2V18228—List, \$2.50
Your Cost... **\$1.39**

EV'RYDAY TOASTER GRILL



An excellent toaster as well as an efficient grill or hotplate. Constructed of heavy gauge steel, copper nickel plated and polished. The heating element is made of high grade resistance wire and each appliance is equipped with a fixed cord and plug. Size of top 5 1/2 x 6 1/2 inches. An excellent all around appliance. Shpg. Wt., 4 lbs.
2V18229—List, \$1.00
Your Cost... **59¢**

WHITE CROSS WAFFLE IRON OUTFIT



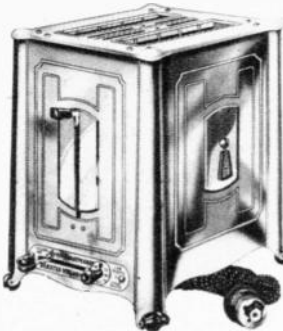
The attractiveness, quality and low price of this 3 piece set has made it very popular. The waffle iron measures 8 1/2 inches in diameter, with 7 1/2 inch die-cast aluminum grids and trimmed with ornamental black handles. Polished nickel serving tray 16 inches long and a batter pot of original design and handsomely decorated. Complete set consisting of waffle iron with heater cord and plug, tray and batter pot. Shpg. Wt., 15 lbs.
2V18226—List, \$9.50—Your Cost... **\$6.35**

WHITE CROSS URN SET



A popular style copper urn set that will lend elegance and refinement to the table. The urn, of solid copper, is finished in highly polished nickel plate. Sugar and creamer are gold lined inside, and outside is finished in brilliant nickel. The serving tray, 11 3/4 x 20 1/2 inches has satin finished center with highly polished nickel border and handles. Black ebonized urn handles. Complete with cord and plug. Shpg. Wt., 20 lbs.
2V18229—List, \$20.00—Your Cost... **\$11.95**

DOUBLE AUTOMATIC TOASTMAKER



A handsome and well designed two slice automatic toaster, finished in chromium. Toasts two slices of bread on both sides at the same time; set lever for kind of toast wanted, light, medium or dark. When toast is ready, bell in toaster rings and current shuts off automatically. Touch handle in front of toaster and two slices of toast pop up. Side handles, lever and front handles are bakelite. This is a real practical toaster and one of the best. Shpg. Wt., 10 lbs.
2V18224—List, \$15.00
Your Cost... **\$8.95**

SUPERSTAR HOT PLATE



Made of heavy steel, nickel plated. Has four leg construction. Genuine nichrome wire elements imbedded in high grade porcelain bricks. Stove measures 10 3/4 inches in diameter x 4 inches in height. Equipped with heater cord and attachment plug. Concealed and protected connections. Shpg. Wt., 7 lbs.
2V18230—List, \$11.50—Your Cost... **88¢**

WHITE CROSS AUTOMATIC WAFFLE IRON



Housewives appreciate the rare intelligence of this new Chromium plated automatic waffle baker. It has a wide range and will bake any kind of waffles from very light to very dark by simply setting the control lever. The signal lights up when waffle starts baking and goes off automatically when waffle is completed. Has large 8 1/2 inch grids with batter groove of new, alloy, nichrome elements mounted in new refractory plates. Heat control lever to vary baking temperatures. Handles of ornamental bakelite. Complete with standard cord and plug. Shpg. Wt., 10 lbs.
2V18227—List, \$8.50
Your Cost... **\$5.65**

WHITE CROSS COLD WATER PERCOLATOR

This new V-type design is the latest and most popular. Has the new non-drip sprout, etched motif, engraved base and highly polished aluminum finish. Instantaneous circulation through a double wall valveless pump, makes good coffee quickly. Full 9 cup capacity. Shpg. Wt., 6 lbs.



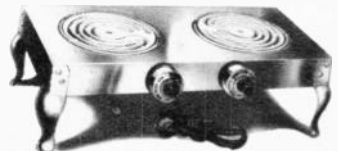
2V18233—List, \$5.00
Your Cost... **\$3.35**

EV'RYDAY SANDWICH TOASTER



An efficient, convenient appliance to fill a long-felt need for a popular priced sandwich toaster. Constructed of heavy gauge steel, copper and nickel plates. Grids 5 1/2 x 6 1/2 inches. Performs like a veteran. New type automatic hinge permits toasting a slice of bread as well as sandwiches. Finest construction throughout. An exceptional value. Shpg. Wt., 5 lbs.
2V18227—List, \$2.50
Your Cost... **\$1.25**

DOUBLE BURNER ELECTRIC STOVE



Made of heavy steel, baked black enamel finish with polished nickel legs. Each burner has individual on and off switch. Stove measures 19 inches long, 9 inches wide, 5 1/2 inches high. Genuine nichrome elements imbedded in high grade porcelain bricks. Every connection concealed and protected. Equipped with heater cord and attachment plug. Shpg. Wt., 9 lbs.
2V18228—List, \$4.00
Your Cost... **\$1.98**

Most of our Electrical Appliances can be Supplied for 220 Volts At a Slight Additional Cost.

THE GREAT ORGAN-



Part of the huge Stock Room, where an enormous quantity of brand new factory merchandise is stored in perfect condition. Scientific stock arrangement assures prompt service and undamaged merchandise. (Left)

Our Export Department, where orders are shipped to every civilized country in the world. Skilled packers with export experience are employed. (Right)



Our Customers Service Department! Use it whenever you are in New York. Advice and suggestions on all radio problems are handled by a corp of experienced radiomen and technicians. (Below)



Every radio set goes through a final test of performance and efficiency before leaving our quarters. These men are constantly engaged in this work in our Final Test Dept.



WHOLESALE RADIO IZATION *at Work!*

*Some of the Departments that
Give You Prompt, Efficient* **SERVICE**



Every item listed in this catalog is tested and checked in our research laboratories.

Part of the busy Wholesale Radio Office. Ideal working conditions. Experienced capable employees. Two private teletype machines for interoffice communication speeds service. Direct private wires to Western Union and Postal Telegraph. (Above)



A corner of our Shipping Department, where 94% of all orders are shipped within 24 hours or less. Ample floor space is provided for efficient, careful packing to prevent breakage. All orders checked 3 times for accuracy.



KODAK "HAWKEYE" and EXPO CAMERAS

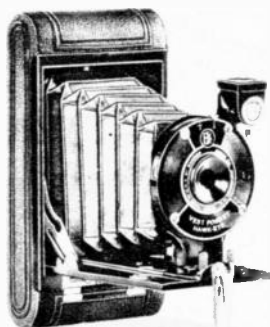


EASTMAN-KODAK "Hawkeye Special" Folding Cameras

These compact cameras have advantages found only in the higher priced models. They are fitted with the famous Kodak Anastigmat F6.3 lens and suitable shutter which can be operated by either finger lever or cable release. Metal body is covered with fine grain imitation leather, which is extremely durable. Reversible brilliant view finder and two tripod sockets. Finished in blue or black. This is an Eastman Kodak product.

2T17823—Picture size 2½x3¼ inches, using No. 120 film. Shpg. Wt., 3 lbs. List, \$16.00 **\$10.40**
Your Cost

2T17824—Picture size 2½x4¼ inches, using No. 116 film. Shpg. Wt., 5 lbs. List, \$17.00—Your Cost **\$11.05**

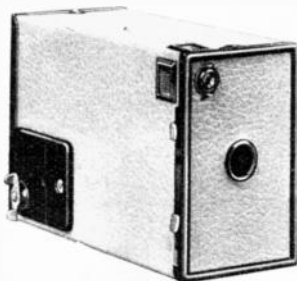


GENUINE HAWKEYE VEST POCKET CAMERA

A small vest pocket camera made by Eastman Kodak. Carry it with you all the time and take advantage of the many picture possibilities. Light, rigid metal body covered with fine imitation leather. Carefully tested lenses, with automatic shutter for snap-shots and time exposures. Black case when closed only measures 5 in. long, 2½ in. wide, 1 in. thick. This camera is furnished in either single or double lens. Picture size 1½x2½ inches, using Kodak No. 127 film. Shpg. Wt., 2 lbs.

2T17829—Single Lens. List, \$5.00—Your Cost **\$3.65**

2T17830—Double Lens. List, \$7.50—Your Cost **\$4.88**



EXPO "DE-LUXE" BOX CAMERA

The EXPO DeLux box camera offers the purchaser something entirely new and a value heretofore unknown. It is small, light, compact and photographically a little wonder. This camera uses the new patented easy load roll film. Just open the back, insert the film and the camera is loaded. Pictures are so sharp that excellent enlargements are easily made. Complete in every detail, including reversible finder, time exposure, a shutter release that cannot be accidentally operated and a winding key showing the number of the picture.

ture to be taken in black and white on the outside of the camera. DeLux is the same as those found in cameras selling for much higher prices. Size of picture 1½ x 2½ inches. Shpg. Wt., 2 lbs.

2T17835—List, \$1.00 **60¢**
Your Cost

2T17836—Film Roll for above (8 Exp.) List, 25c. — Your Cost **20¢**

KODAK ROLL FILM

Auto-graphic	Your Cost	Picture Size	Film No	Verichrome	Your Cost
2T17875	20c	1½x2½	127	2T17880	25c
2T17876	20c	2½x3¼	120	2T17881	25c
2T17877	25c	2½x4¼	116	2T17882	30c
2T17878	39c	3½x4¼	118	2T17883	49c
2T17879	48c	3½x5½	122	2T17884	53c

EXPO CAMERAS are offered in so many different types with different lens fittings, that it is impossible to illustrate them all in this catalogue. Their models range in price up to \$300.00 List. Let us know your requirements and we can take care of them at our unusually low prices.

HOME MOVIE CAMERAS AND PROJECTORS ARE LISTED AND DESCRIBED ON PAGE 96.

EXPO "SPORT" CAMERAS

A thorough-bred in every respect and made to take the finest pictures. Accurate and careful workmanship throughout. Equipped with F-6.3 double anastigmat corrected lens. All metal construction. Genuine leather bellows. Iconometer finder enabling the operator to keep the object in line at all times, right up to the instant of actually taking the picture. (This feature is in constant use by newspaper reporters.) Bed track for bellows of solid brass. Easily adjusted focussing scale. Wire cable as well as finger release. Hinged back. Special patented snap-out film holder facilitating correct and rapid reloading. Picture size 2½x4¼ inches, using No. 116 film. Shpg. Wt., 4 lbs.

2T17826—List, \$24.00 **\$14.12**
Your Cost

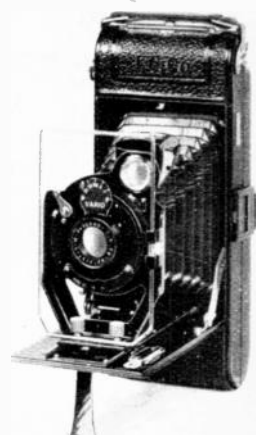
2T17838—Same as No. 2T17825 but with F-11 lens **\$12.65**
Your Cost

2T17826—Same as No. 2T17825 but for pictures 2½x3¼ inches, using No. 120 film. Not equipped with wire finder. Shpg. Wt., 3 lbs. List, \$21.00—Your Cost **\$12.35**

2T17837—Same as No. 2T17826, but with F-11 lens **\$9.75**
Your Cost

2T17827—Genuine leather carrying case with strap for No. 2T17825 camera. List, \$7.00—Your Cost **\$4.20**

2T17828—Genuine leather carrying case with strap for No. 2T17826 camera. List, \$5.75—Your Cost **\$3.45**



EXPO "PETITE" CAMERA

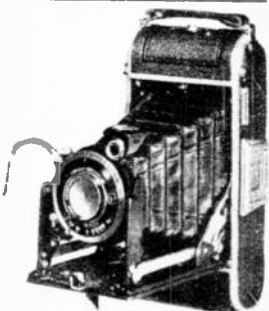
The newest EXPO Camera is a little marvel of perfection. The 2½x3¼ is hardly larger than other cameras taking vest pocket pictures, while the 2½x4¼ is about the same size as the old 2½x3¼. The "PETITE" has unusual advantages. Press the button and the camera opens all ready to take the picture. The ICCO F4.5 lens is carefully ground and fitted to give great speed with very sharp pictures. The new "PRONTO" shutter has an automatic self timer so you can get in the picture yourself, and automatic exposures of 1/2-1/5-1/10-1/25-1/50-1/100 sec. Other details are the same as the "Sport" camera. The workmanship and ability of the "PETITE" are second to none, and you will be proud to own one.

2T17831—Picture size 2½x4¼ inches, using No. 116 film. Shpg. Wt., 5 lbs. List, \$34.50 **\$31.05**
Your Cost

2T17832—Picture size 2½x3¼ inches, using No. 120 film. Shpg. Wt., 4 lbs. List, \$41.50 **\$24.40**
Your Cost

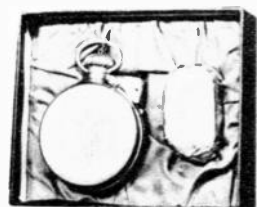
2T17839—Leather carrying case with strap, for our No. 2T17831 camera. List, \$7.00—Your Cost **\$4.20**

2T17840—Leather carrying case with strap, for our No. 2T17832 camera. List, \$5.75—Your Cost **\$3.45**



**POLICE!! NEWSPAPER REPORTERS!!
DETECTIVES!! SECRET SERVICE
and INVESTIGATORS USE THIS**

EXPO — "THE WATCH CAMERA"



Small as a watch, hardly heavier, you can slip it in your pocket, bag, or carry it concealed in the palm of your hand. In spite of its small size, the Expo watch camera has a remarkably fine lens hidden in the stem, and is always in focus regardless of distance. The watch camera is adapted to use the Expo Easy-Load film that takes 20 pictures with one loading. Picture is just about the size of a postage stamp, but so sharp that enlargements are easily made. Carry your Watch Camera with you always, and you will never miss your picture. Unexcelled for taking pictures unobserved. Camera and film are packed in a lined gift case. Shpg. Wt., 2 lbs.

2T17833—List, \$5.00—Your Cost **\$3.67**

2T17834—Film Roll for above (20 Exp.) List, 30c.—Your Cost **24¢**

KEYSTONE

MOVIE CAMERAS PROJECTORS

Timely SPECIALS



MODEL E-32 PROJECTOR

With Professional Type 3-Blade Shutter and Automatic Threading Attachment. Illumination—Furnished by 60-watt, 110-volt lamp—concentrated light may be replaced by any electrical supply store; bulb furnished with machine. Reflector—highly polished reflector. Lens—double convex projection type. Construction—Steel lamp house; attractive bake crystal enamel finish; steel base with rubber tips. Framer—Automatic—requires no adjustment. Reel Capacity—100 feet; two empty spools furnished with machine. Simple Threading—Special aperture plate and lever controlled by one finger. Precision—Precision film motion by two-claw movement with grip on two sprocket holes instead of one. Size of picture—Up to 18 inches by 24 inches at a distance of about 10 feet; smaller pictures at shorter distances. Ventilation—From the rear. Hand-crank operation. Shpg. Wt. 16 lbs.

\$447
2T17902—List \$6.50. Your Price.....
2T17903—Similar to Model E-32. Our No. 2T17902, but furnished with a heavy-duty motor and speed regulator. **\$875**
Shpg. Wt. 18 lbs. List \$12.75. Your Cost.....

CAMERA



"MODEL A"

Convenient Size—2 3/4 inches thick by 9 inches long by 4 inches wide, with 1 1/2-inch lens extension. Symmetrical shape, making Camera easy to carry and permitting firm grip while operating. Light Weight—Keystone "Model A" Camera weighs only 3 3/4 pounds. F3.5 Lens—universal focus with adjustable mechanical iris. Monocular View Finder—Built right into Camera. Enables you to sight quickly and accurately the desired action or scene exactly as you want it to appear on the screen. Tripod Connection—provided for, but tripod is not necessary to obtain steady pictures. Spring Motor—Designed to withstand severe use. Easy Winding—Winds very easily. Similar to winding a clock. About 20 feet of film can be taken with each winding. Capacity—100-foot, or 50-foot. Daylight Loading—loaded in broad daylight. Camera may be safely Film Register—Automatically indicates the amount of film left after taking each scene. Audible Film Footage Signal—At every two feet of film a sound like a faint bell is heard. Shpg. Wt. 7 lbs.

\$24.00
2T17901—List, \$35.00. Your Cost.....

NOTICE TO OUR CUSTOMERS

The United States Government considers it necessary to impose a Sales Tax on all products in order to balance the Federal budget. Although still but a rough and incomplete draft in the hands of the Senate Finance Committee, the measure is likely to be enacted in the very near future. This proposed tax has caused deep concern throughout the radio industry; affecting as it does, not only manufacturers and sales organizations but even the ultimate consumer. Radio, which surmounts forests and waste lands and makes all men neighbors, can no longer be classed as a luxury. We are glad to find some hint that governmental circles agree the Radio field may and should receive a minimum assessment if total exemption is impossible. Yet, no matter how small the tax, that increase must be met by all. Selling price can only be determined by costs and Wholesale Radio Service, like other leaders in their respective fields, will be forced to add the prospective tax to the net selling price of each article listed in this catalog. Regardless of what the tax may be may we assure you that Wholesale Radio Service Company will not be undersold.



"MODEL C" CAMERA

Convenient Size—2 3/4 inches thick by 9 inches high by 4 inches wide, with 1 inch lens extension. Symmetrical shape, making Camera easy to carry and permitting firm grip while operating. Light Weight—Keystone "Model C" Camera weight only 3 pounds. High power Lens System—Universal focus, with an adjustable mechanical iris, for varied light conditions. The lenses are detachable for cleaning. Professional Type—Synchronized shutter geared for perfect timing. Hand Crank—with free turning handle. Monocular View Finder—Built right into the Camera. Enables you to see quickly and accurately the desired action of scene exactly as you want it to appear on the screen. Film Register Automatically indicated on the amount of film left after taking each scene. Tripod Connection provided for. Daylight Loading—Either the standard 100-foot or 50-foot reels can be used and the Camera can be safely loaded in broad daylight. Precision Movement—Finger-type movement feeds film steadily and with hairline accuracy. Distinctive Finish—Attractive black crystal enamel with bright trimmings. Shpg. Wt. 6 lbs.

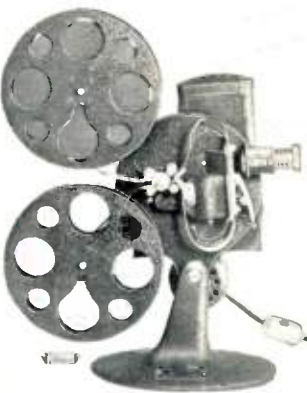
\$8.90
2T17900—List \$12.50. Your Cost.....

EASTMAN KODAK 16 M.M. CINE MOVING PICTURE FILM

Prices of the following films include developing by any of the EASTMAN KODAK branches throughout the country. Send your film Direct to EASTMAN KODAK, giving your full name and address for the return of your film.

	List	Your Cost
2T17925—50-ft. roll panchromatic.....	\$3.25	\$2.60
2T17926—100-ft. roll panchromatic.....	6.00	4.69
2T17927—50 ft. super sensitive.....	4.00	3.35
2T17928—100 ft. super sensitive.....	7.50	6.20
2T17929—50 ft. kodacolor.....	4.75	3.95
2T17930—100 ft. kodacolor.....	9.00	7.50

KEYSTONE B-63 MOTOR DRIVEN PROJECTOR For 16 M.M. Movie Film



Experience again the happy hours spent at home or on vacations through a Keystone Projector which gives sharp, flickerless projection and fine illumination. Motor Driven—For 16 M.M. Film. Illumination—100-watt special concentrated filament pre-focus projection lamp. Universal Motor Drive—For direct or alternating current (special rheostat for controlling speed and stop). Lens

—Projection type, fine ground and polished. Construction—Cast Aluminum alloy main body construction with steel base. Framer Automatic—requires no adjustment. Capacity—400-foot empty spools—furnished. Simple Threading—Special aperture plate—and lever controlled by one finger. Precision Motion Movement—by two-claw movement grip on two sprocket holes. Angle Projection—By a swivel between base and body any angle can be obtained. Size of Picture—Up to 30 inches by 38 inches at a distance of about 24 feet. Rewinding Mechanism—High speed gearing arrangement with crank handle. Ventilation—Perforated top. Guide for Film Threading—Designed in cast body. Oiling System—At all important friction points. Shpg. Wt. 18 lbs.

\$21.45
2T17904—List \$31.25. Your Cost.....

Reduce—Keep fit—Build Health and Vigor with these Nationally favorite Rowing Machines. Five minutes a day devoted to the new fascinating recreation will bring back the slender lines of youth, give you the pep and vigor that only comes from being in a perfect physical condition. Just think how small an investment will keep you in perfect health.



THE "SEAT-OF-HEALTH"

The Seat of Health gives you glowing health, freedom from fatigue, and rids your body of sluggishness. It puts a new sparkle in the eyes, strengthens your delicate internal organs so that you will experience a new thrill in living. Enjoy better digestion and do away with the enervating feeling after meals. A few minutes a day will circulate the blood, invigorate the tissues and clear the skin. With this new exerciser you not only strengthen the chest, arms, thighs, calves, ankles and feet, but you also stimulate the vital internal organs. An Exercise Chart is furnished with each machine showing 20 different exercises and by Leading Physicians and Physical Directors all over the world. Each Exerciser is portable, noiseless and only weighs 15 pounds.

2Y22026—Shpg. Wt., 20 lbs.
Your Cost **\$35.00**

NO MORE DIETING! All of these machines are used by thousands and prescribed by hundreds of physicians. They are Light—Portable—Noiseless. They may be used in apartments with complete convenience as every machine is quiet in operation.



"ROW-TO-HEALTH"

With Dame Fashion demanding trim forms, how essential it is to keep weight down—and here we offer a machine that will solve your problem. Quoted at a price which is one of the reasons for its popularity. "Row-to-Health" is built with a handsome inclined frame of highly polished cherry wood, kiln-dried against warping. Three powerful nickel-plated bearings. Comfortable aluminum seat glides on hard rubber floor guards, lubricating on warping. Double or triple resistance for youngest or strongest users. It has a platform for standing exercises. Rubber guards protect floor and carpets. A special feature is afforded in full-size foot pedals, adding comfort, security and arch support. Do away with tiresome diets by using this machine.

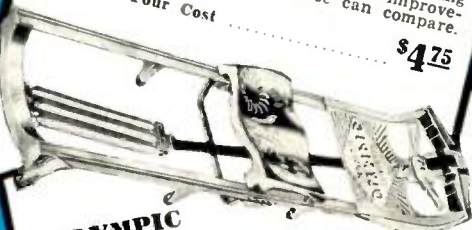
Shpg. Wt., 20 lbs.
2Y22027—Your Cost **\$6.75**



SUPER BODY BUILDER AND REDUCER The Only Machine With Moving Foot Pedals Under \$25.00

Experience the full enjoyment of the Gym in your home. Exercise at your leisure and keep in good physical form by using this rowing machine which is equipped to give you the full advantage of a Gym. All-steel frame and seat, attractively enameled. Smooth running rubber wheels. Stout adjustable spring connector, two shaped handle, adjustable spring guards, powerful nickel-plated springs, rubber floor guards, platform for standing exercises, aluminum V-makes this a big value machine, inclined frame, is the full size arch support. MOVING foot pedals. The only machine on the market selling at less than \$25.00 with this valuable improvement. No machine at the price can compare.

Shpg. Wt., 22 lbs.
2Y22026—Your Cost **\$4.75**



"OLYMPIC ROWER" Builds Health, Beauty and Energy

Fifty dollar value at a fraction of the price. A de luxe all-aluminum machine you'll be proud to own and use for a life time. Light in weight and collapsible. Extremely convenient to take with you when you travel. Row your way to health and happiness, new vigor and vitality—all this put within your reach when we offer it to you at our comparatively low price. Three power adjustable nickel-plated springs make Olympic Rower a health investment for standing exercises, inclined frame, rubber floor guards, foot straps, noiseless wheels, every necessary and improved feature. Self lubricating wheel bearings—springs may be attached or detached to vary tension. No value like it anywhere. Shpg. Wt., 19 lbs.

2Y22028—Your Cost **\$11.95**



THERM-O-CLOCK

Therm-O-Clock is a new ingenious thermometer which registers temperature accurately. The mechanism which is rust proof and super-sensitive is housed in a beautiful plastic case. There are no delicate adjustments. It can be dropped without fear of disturbing its accuracy and they may be submerged in water. In colors of Marble or Mahogany. Shpg. Wt., 1 lb.

2Y18058—Your Price **75¢**

WHOLESALE RADIO SERVICE CO. INC.
100 SIXTH AVE. Just North of Canal Street.
NEW YORK, N.Y.