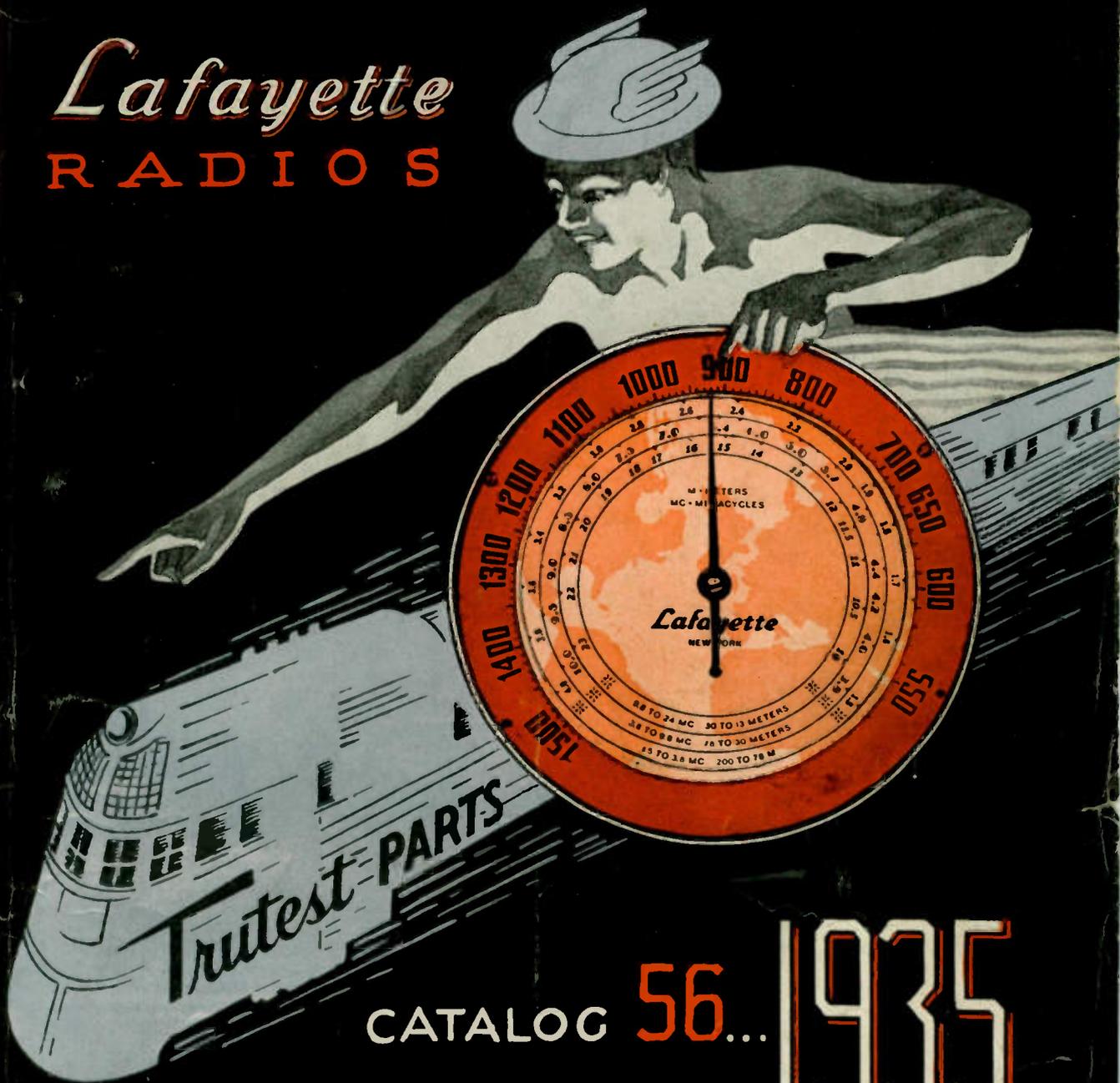


The Largest Radio Mail Order House In The World

Lafayette

RADIOS



CATALOG 56... 1935

WHOLESALE RADIO SERVICE CO. INC.

Main Office and Warehouse

100 SIXTH AVENUE • NEW YORK, N.Y.

Serving the South and Southwest
430 W. PEACHTREE ST., N.W. - ATLANTA, GA.

Serving New Jersey
219 CENTRAL AVE., - NEWARK, N.J.

AUTHORIZED AGENTS FOR

LIONEL

Trains and

ACCESSORIES



A GAIN LIONEL leads the field with a newer, finer, more realistic Electric Trains than ever before. New modern types such as the STREAMLINE model pictured here—steam trains that actually chug-chug like a real train as they speed along—and many new accessories to make your railway system complete and up-to-date are included. As Authorized Agents, Wholesale Radio Service carries the complete line in stock and can supply any LIONEL product at typical "Wholesale" prices. Our new Christmas Catalog contains a 9 page section on LIONEL alone! Be sure to write for your FREE copy.

A NEW CHRISTMAS CATALOG

COMING! A new Christmas Catalog for 1935! Just chock full of brand new exciting Christmas Gifts. A special 9 page section is devoted exclusively to the LIONEL line of Electric Trains and in addition there are new, lively, animated toys for the kiddies in beautiful bright colors and sturdily built—useful electrical gifts for the kitchen—dependable electric clocks for any room—health giving sun ray lamps—efficient curling irons—and many more items too numerous to mention here.

POPULAR NATIONALLY KNOWN LINES

Among the famous nationally known lines listed in this big new catalog are—General Electric—White Cross—Toastmaster—Tinkertoy—Chemcraft—Erector—Hoge—Buddy—Hankcraft—etc. There will be entirely new gifts included—new products never before available.

LOWEST POSSIBLE PRICES

And new Lows in Prices! You will be more than pleasantly surprised when you see how far your money will go when you buy your gifts from Wholesale. Give better Christmas gifts this year than ever before—and spend less money in doing so by buying your gifts from Wholesale!

WRITE FOR YOUR FREE COPY

Because this is a big catalog and consequently expensive to print we have had to put into effect a new policy. This catalog will not be sent to you unless you ask for it. It costs you NOTHING. Not one red cent. To assure your receiving a copy all you need do is drop us a post card or letter with your name and address—that's all.



Visit our MODERN SHOWROOMS!

IF you live in or within driving distance of New York, Atlanta or Newark, be sure to visit our great modern salesrooms—for a cordial welcome awaits you in each city.

You'll be thrilled by the beauty and spaciousness of our quarters, our busy sales counters, our Great Bargain Counters and by the hundred and one little details which go to make each Branch a marvel of perfection in Modern Merchandising.

In each salesroom you'll find a great and varied stock representing the products of hundreds of manufacturers. You'll find a complete array of Broadcast and Short Wave sets, kits and equipment which may be heard in special booths under conditions approximating those of the home.

You'll find a Permanent Display of Public Address Equipment, too! Our engineers have assembled every type of sound equipment... thousands of dollars worth... and have designed a special hook-up to enable you to

actually compare, before installation, the volume, tone and fidelity characteristics of any Lafayette Amplifier with any make of speaker or combination of speakers. It removes the guesswork in selecting the right P. A. System for the right job.

In each city a trained technical staff is always available to aid you in solving some particularly knotty problem without cost or obligation while our Bureau of Standards in New York will insure the high quality of everything you buy in New York, Atlanta or Newark.

Each salesroom is centrally located in each city. Here Servicemen, Amateurs and Short Wave Enthusiasts will find that despite the extra service and the added benefits to be derived from personal buying—there is no extra charge. Here, over the counter, as when you buy by mail you'll find everything at lowest wholesale prices—for, as always, "We Will Not Be Undersold!"



ATLANTA, GA., Phone Walnut 5140
If it's not convenient to buy in person send your orders by mail. Prompt shipment within 24 hours assured.



NEWARK, N. J., Phone Market 2-1661
Customers in New Jersey may phone or mail in their orders and have quick delivery assured. This is an innovation at this great branch.



WHOLESALE RADIO

a branch at

ATLANTA

"THE RADIO OF THE SOUTH"

SERVING THE SOUTH AND SOUTHWEST!

SERVICE—that has been our slogan through 13 years. A promise which has been performed; a motto which has brought us to leadership as the Largest Radio Mail Order House in the World!

And now to render even faster, more efficient service; to bring you merchandise at lowest Wholesale prices even though you may be located far from the manufacturing and buying centers of the Radio World, to better serve the needs of Radio Servicemen, Amateurs and Experimenters in the South and Southwest, we have opened our new ATLANTA BRANCH.

In this great new Branch you'll find a Special Department devoted to Public Address, a complete assortment of Short Wave sets, kits and equipment, a great Bargain Counter, a technical staff to aid you with your problems . . . everything to make it the most complete and modern Radio Organization in the South!

And, although here in Atlanta we will carry the largest and most varied stock ever assembled in the South, there may be occasion when some special part is needed. To meet this contingency we have installed a Teletype system direct to our New York warehouse so that within 2 minutes direct contact can be established with Atlanta and your order is in New York . . . ready to be taken care of promptly!

If you live in the South or Southwest be sure to send your mail orders to this great Branch for in most cases you can be assured of 24 hour service plus a real saving in transportation costs.

Here in Atlanta as in New York and Newark, the tradition of SERVICE will be maintained . . . a tradition which has made this company a National Radio Institution and which will make this Atlanta Branch the "Radio Capitol of the South!"



FLASH! TELETYPE BRINGS to Atlanta

SERVICE CO *establishes*

NTA
CAPITOL
SOUTH™



*Wholesale Radio Service
Co's Customers in this
Vast Territory
Are Assured of*

LOWER PRICES

FASTER SERVICE

COMPLETE STOCKS

**LOWER
TRANSPORTATION
COSTS**



New York COUNTER SERVICE
in 2 minutes!

Lafayette

IMPROVED "NEW DEAL" 5^{tube} A.C.-D.C. SUPER-HET

- ★ Latest Tubes—Finest Circuit
- ★ Maximum Efficiency
- ★ European Model Available, 190 to 2000 Meters

cally new, that it tunes beyond the regular broadcast band to 1575 K.C., instead of just 1500 K.C., allowing the proud owner to explore the new experimental band, which we predict, will be used for future broadcast purposes. A truly Modern Set!

TOPE QUALITY — PORTABILITY

A super-fine dynamic speaker, together with effective baffle provided by the cabinet, permits a full rich tone, even at a volume unheard of in this type of set.

Salesmen who travel extensively will find the "NEW DEAL" convenient, being only 8" high, 12" wide, and 6" deep. Can be made absolutely portable if desired by obtaining the genuine suede carrying case with zipper fastener listed below.

Model A-15—Lafayette "New Deal" 5-tube AC-DC Superheterodyne, complete with tubes, for 110 volts DC and 110 volts, 60 cycles AC current. Shpg. wt., 12 lbs. Code Gorge. List \$40.00. **\$18.45**
Your Cost

Model AM-25—European model, 190-2000 meters. Code Cabby. Your Cost

Add \$1.00 for 220 volts, either model.

Genuine Suede Carrying Case, with zipper fastener, for the Lafayette "New Deal" Receiver. Your Cost. \$1.50

\$18.45
WITH TUBES

MODERN CIRCUIT

THE Lafayette "NEW DEAL" employs the latest type pentodes in the following manner. A type 77 is employed as a combined oscillator, RF amplifier and first detector, in a circuit triple tuned by a three gang condenser, which provides the most efficient pre-selection. A type 78 Variable-Mu pentode is utilized as high gain I.F. amplifier together with the most efficient I.F. coils ever developed. A type 77 in turn converts the RF signal, and passes it to a type 43 output pentode. A type 25Z5 rectifier supplies the necessary power. No greater efficiency can be obtained in any receiver.

SENSITIVITY AND SELECTIVITY UNPARALLELED

The sensitivity of this remarkable set attains a new level for 5 tube AC-DC receivers, being approximately 15 micro-volts per meter. With this degree of sensitivity practically all stations can be heard with the built-in aerial contained in this receiver. Selectivity is more than sufficient to separate stations in the most congested areas.

A really modern set, in a modernistic setting. This Lafayette "New Deal" 5 tube AC-DC superheterodyne has more features than it is possible to enumerate in this small space. The handsome modernistic cabinet with its striking lines exemplifying the new art, indicates that the designers have taken great pains to obtain a cabinet worthy of this unusual receiver. In fact, this set is so radi-



HIGH GAIN TUBES AND COILS

THE PRECISELY engineered circuit employs a type 6C6 as combined oscillator and modulator, a type 6D6 as I.F. amplifier, a 6C6 as pentode second detector, a 43 as power output tube and a 12Z3 rectifier. These high gain tubes, together with the special high gain tuning coils, are responsible for the receiver's unusual selectivity and sensitivity.

MORE THAN AMPLE VOLUME

Small as this receiver is, it provides enough volume to fill the average room with music. The actual power output is well over one watt! Another feature that cannot be overlooked is the fact that, regardless of where the volume control is set, the reception is always clear and lifelike.

5 Lafayette "TOURIST" 5 tube A.C.-D.C. SUPER-HET!

\$14.95
WITH TUBES

A REAL 5 tube superheterodyne, for either alternating or direct current, is yours when you select the Lafayette TOURIST as your next radio receiver. With a total of four tuned circuits (exclusive of oscillator tuning), it is especially selective without undue cutting of important side bands or affecting the tone quality of the reproduced speech or music.

Its frequency range covers from 187.5 to 556 meters. The extra coverage at the low end prevents undue crowding of the higher frequency stations and makes possible the reception of many additional stations.

COMPACT AND HANDSOME

MEASURING only 11½ inches long, 7¾ inches high and 6 inches deep, the TOURIST may be carried quite easily in an ordinary suitcase, and will provide no end of entertainment in a hotel room. In most places no outside aerial will even be necessary, and the AC-DC feature removes all worry about the kind of current on tap. Wavelength range covered, 200 to 550 meters (1500 to 550 kilocycles).

Model C-55—Lafayette TOURIST receiver complete with tubes. For 110 volts AC or DC. Shpg. wt., 14 lbs. Code Lefur **\$14.95**
List Price, \$29.50. Your Cost

Model for 220 Volts. \$1.00 additional

Lafayette "WORLD TRAVELER"

**5^{tube} LONG & SHORT
WAVE
A.C.:D.C. SUPER-
HET**

★ LONG and SHORT
WAVE RECEIVER—
TWO IN ONE!

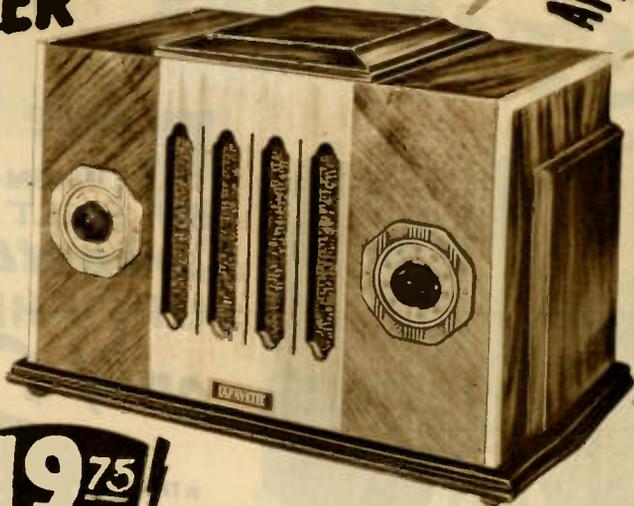
- ★ 18 TO 55 AND 200 TO 550 METERS.
- ★ WORKS ON EITHER AC OR DC.
- ★ SUPERHET CIRCUIT WITH LATEST TUBES.

**\$19⁷⁵
WITH TUBES**

THE new Lafayette World Traveller gets its name from its astonishing ability to take its owner on a tour of the world's best radio entertainment, as offered by actually thousands of stations on the regular broadcast band and on the short wave bands. This versatility is further enhanced by the fact that the World Traveller will operate equally well on either direct current or alternating current, and is not critical as to line voltage or frequency. The range of operating voltages is from 105 to 125 volts; the AC power line frequency range from 40 to 60 cycles.

COVERS TWO WAVELENGTH RANGES

Small as the World Traveller is, it is really two complete radio receivers in one. By placing the wave changing switch in the second position, the set becomes an efficient short-wave receiver, tuning from 18 to 55 meters. This is the most important short-wave channel, and in it will be found the S-W stations of all the important cities of the world, as well as hundreds of distant amateurs operating on 20 meters and airplane and airport transmitters operating of about 45 meters. The short waves are always full of surprises, and you will find the short-wave end of the



SHIPS
AMATEURS
FOREIGN
BROADCAST

World Traveller a source of endless thrills. With the wave change switch in the first position, the receiver tunes in the entire domestic broadcast band from 200 to 550 meters. With more than 500 stations in this range in the United States alone, and scores more in Canada and Mexico, the dial appears alive with music from one end to the other, at practically any time of the day or night.

ADVANCED SUPERHET CIRCUIT

The advanced superheterodyne circuit of the World Traveller makes this receiver extremely sensitive and selective on the broadcast band as well as on the short waves. Five tubes are used as follows: 6A7 as combination oscillator-modulator; 6D6, intermediate amplifier; 6C6, second detector; 43 output tube and 12Z3 rectifier. The control dial is illuminated for quick and easy tuning, and turns smoothly. The volume control is gradual in adjustment, permitting volume of reception to be controlled exactly as desired.

Model C-20—Lafayette WORLD TRAVELLER complete with tubes. For 110 volts AC or DC. Dimensions: 10½ x 8½ x 5¾". Handsome cabinet. Shpg. wt., 18 lbs. Cade Lette. List price, \$39.50.
Your Cost.....**\$19.75**
220 Volt Model.....\$1.00 Additional

Sensational! 4^{tube} Trutest A.C.-D.C. Receiver for only \$9⁹⁵

RANGE FROM 220-550 METERS

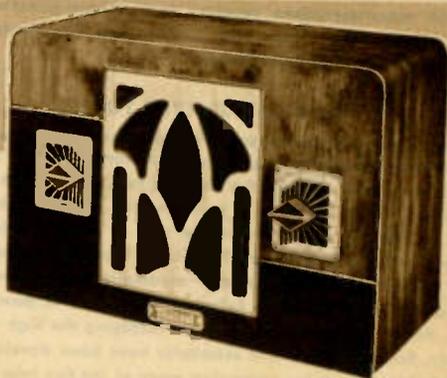
The most sensational value ever achieved! A high quality four tube midget receiver at a price that almost seems impossible. A short time ago a set of tubes ALONE would have cost as much as the price of this receiver and the tubes complete... \$9.95. It uses the new type tubes—1-6D6—1-6C6—1-43—and 1-12Z3 in a specially designed T.R.F. circuit that is unusually selective and very sensitive. Covering the entire broadcast band from 200 to 550 meters, it brings in stations near and far with a minimum of interference and the utmost clarity.

SPECIALLY MATCHED DYNAMIC SPEAKER

The specially matched full dynamic speaker provides a tonal quality that is truly remarkable. The deepest bass as well as the highest treble is reproduced clearly and distinctly. You do not have to strain your ears to understand the artist or the announcer—they are right there with you with the Trutest Four.

ARTISTIC CABINET

The cabinet while simple in design is beautifully finished and highly attractive in appearance. Serving not only to house the receiver, it is also a very effective baffle because of its veneer wood construction and contributes materially to the excellent tone quality. No external aerial is required, a suitable aerial be-



ing already attached to the receiver. Nor is a ground connection required. This makes it possible to use the receiver for portable use, a carrying case for this purpose is listed below.

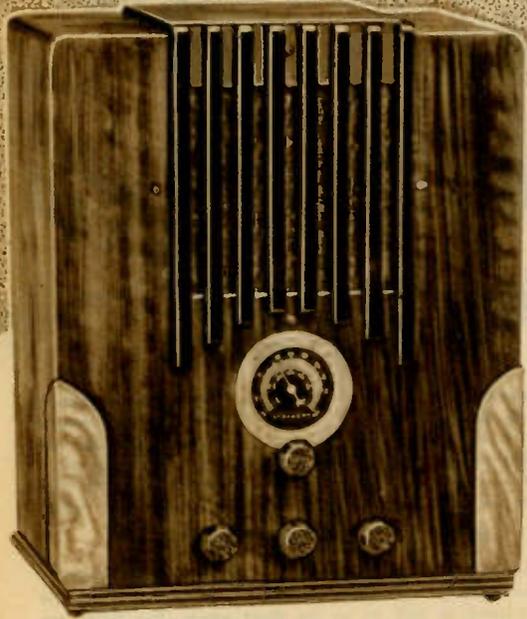
Model C-35—Trutest 4-tube Midget Receiver complete with tubes. For 110 volts AC or DC. Dimensions: 12" long, 7¼" high, 6½" wide. Shpg. wt., 14 lbs. Cade Colli. List price, \$19.90.
Your Cost.....**\$9.95**
Also available for 220 Volts.....**\$10.95**
Genuine suede carrying case fastened with zipper \$1.50

More U.S. STATIONS... plus



5 tube
CUSTOM-BUILT
Lafayette
SUPER-HET

only \$ **23.25** COMPLETE!
WITH TUBES.



★THREE BAND TUNING—18-50 METERS 75-200 METERS
200-550 METERS

- ★AIRPLANE TYPE DIAL
- ★TUNED PRE-SELECTOR
- ★TONE CONTROL
- ★AUTOMATIC VOLUME CONTROL
- ★DUAL-PURPOSE TUBES
- ★FULL DYNAMIC SPEAKER
- ★THREE WATT OUTPUT!
- ★HIGHLY SELECTIVE

ONCE again Lafayette proves its leadership! A three band receiver with all of the features you could desire in a radio receiver at only \$23.25! Covers all frequencies between 18 and 50 meters—and between 75 and 550 meters! Will get European Short Wave Broadcasts—American Short Wave Broadcasts—Amateurs—Police Calls—Airplanes—Ship to Shore—and the myriads of other interesting short wave programs that are constantly on the air—in addition to the regular American Broadcasts.

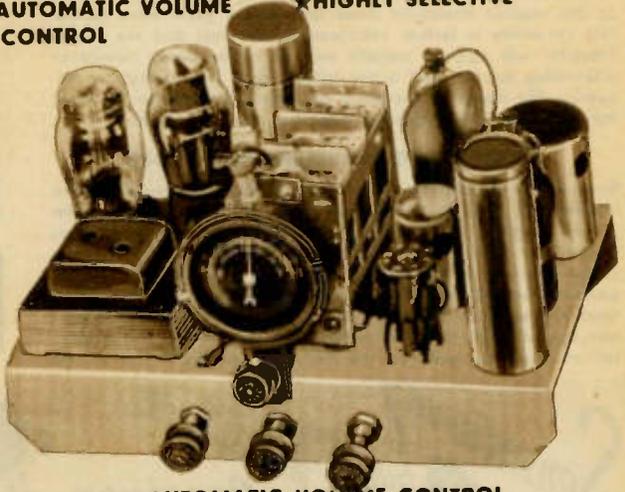
It offers the economy of a five tube receiver with results that are equal to and even better than many seven and eight tube sets! It has all of the features you have come to expect in a highly efficient superheterodyne receiver such as—pre-selection—automatic volume control—tone control—three band illuminated airplane type dial—full dynamic speaker—etc.

USES LATEST TYPE TUBES

The latest most improved type tubes are used throughout including the new type 6A7 converter tube that serves as both oscillator and modulator thus taking the place of two tubes and in addition providing a higher conversion gain than two separate tubes would have. A type 78 vario-mu pentode tube is used in a high gain stage of radio frequency amplification, a type 75 duo-diode-triode tube is used as second detector—automatic volume control—and first audio amplifier stage followed by a type 42 power output tube. An 80 rectifier tube is used for rectifying the high voltage B supply. Both sensitivity and selectivity have been developed to a remarkable degree far surpassing many of the five tube receivers offered today.

THREE SEPARATE BANDS

Three separate tuning bands are provided with individual scales on the airplane type dial. The regular broadcast band covers the standard American broadcast frequencies between 200 and 550 meters (1500 to 550 KC) the two short wave bands are covered as follows: One between 18 and 50 meters (18,600 to 6,000 KC) and the other from 75 to 200 meters (4,000 to 1500 KC).



AUTOMATIC VOLUME CONTROL

A HIGHLY efficient automatic volume control that is effective on all bands both short wave and regular broadcast is included. This tends to keep the volume at a constant predetermined point and prevents blasting and overloading of the audio frequency amplifier tubes. It also greatly minimizes the tendency of stations to fade in and out. Another valuable feature is a tuned pre-selector stage that prevents repeat points or image frequency reception and assures the tuning of the receiver to the correct frequency and not to its image.

FULL DYNAMIC SPEAKER

A specially matched dynamic speaker six and a half inches in diameter reproduces both music and voice with the greatest fidelity. Its full resonant tone is a pleasure to listen to and the inclusion of a tone control permits the modification of the tone to suit individual preferences. Irrespective of the volume setting—at the low, just barely audible, or at the maximum output of the receiver—the tone remains clear and lifelike.

BEAUTIFUL MODERNISTIC CABINET

The receiver is housed in a beautifully designed modernistic cabinet built of fine matched grain veneers polished to a handsome finish. Dimensions: 12" wide, 15" high, 6 1/2" deep.

Model AM-26—Lafayette Dual Wave Receiver complete with tubes. Shpg. wt., 18 lbs. Code Herot. List \$46.50.
110-125 volts, 50-60 cycles AC \$23.25
Available for 220 volts, \$1.50 additional.

TAKE A WORLD TOUR *with a*

LONDON

BERLIN

PARIS

MADRID

ROME

6 *Lafayette* tube A.C.-D.C. ALL-WAVE! SUPER-HET!

FOUR DISTINCT TUNING RANGES:

13 to 25, 25 to 75, 75 to 200 and
200 to 555 Meters

- ★ Easy to Read — Airplane Type Dial.
 - ★ Direct Foreign Reception Assured.
 - ★ Positive Automatic Volume Control.
- voice, which can be toned down to a whisper without loss of quality. The rectifier is a 25Z5.

FULL ALL WAVE COVERAGE

The 6-Tube All-Wave Superhet is a true all-wave receiver, tuning continuously, without deadspots, from 23 megacycles to 540 kilocycles, or 13 to 555 meters. This means you get everything on the short waves—foreign broadcasts, amateurs, ships at sea, airplanes in flight, scientific expeditions, police alarms, etc. All the thrills of the short waves are yours at the flip of the wave changing switch.

The illuminated airplane type dial, with the various bands clearly marked on it, makes distant reception easy even for the novice. The handsome modern cabinet will satisfy the most fastidious taste. Its highly polished satin finish brings out the true beauty of the attractively grained hardwoods. A distinctive addition to the furnishings of any home.

Model AM-42—Lafayette 6 Tube AC-DC All-Wave Superhet, complete with tubes and loud speaker. Beautiful modern cabinet. Overall dimensions: 12" x 14½" x 6½". For 110 volts, AC or DC, 40 to 60 cycles. Shpg. wt., 24 lbs. Code Calma.

List price \$59.90. Your Cost..... **\$29.95**
For 220 volts..... Add \$1.25



\$29.95
WITH TUBES

SOME receivers work on AC or DC, some are all-wave models, some have automatic volume control, some have full vision dials. Lafayette engineers, after considerable work, have been able to combine all of these desirable features into a single, reasonably priced receiver, which we are proud to present as our 6 Tube All-Wave AC-DC Superheterodyne. After studying its specifications, you will realize that this set certainly is a big bargain and that it does things few other sets of its price class are able to do.

DUAL PURPOSE TUBES HELP CIRCUIT

The six tubes in this Lafayette achievement do the work of eight with a corresponding saving in power and space. A 6A7 combines the functions of oscillator and modulator, while a type 75 acts simultaneously as second detector and automatic volume control. Two 78's act as intermediate frequency amplifiers, giving the set great selectivity and sensitivity. A type 43 output tube, working into a powerful 6½ inch dynamic speaker, gives the set a loud, clear

Lafayette 32 VOLTS 6 *tube* SUPER-HET **\$36.95** WITH TUBES

OWNERS of 32-volt Delco and similar farm power plants should take advantage of the special features offered by the Lafayette 32-Volt SPECIAL. This is a full size 6-tube superheterodyne using the powerful 6.3 volt series tubes, with the filaments wired in series-parallel, a convenience made possible by the 32-volt supply. The tube complement includes one 6B7 diode-pentode, one 6D6 pentode, one 6F7 triode-pentode, one 12A5 output pentode and two 12Z3 half-wave rectifiers.

SEPARATE HIGH VOLTAGE B SUPPLY

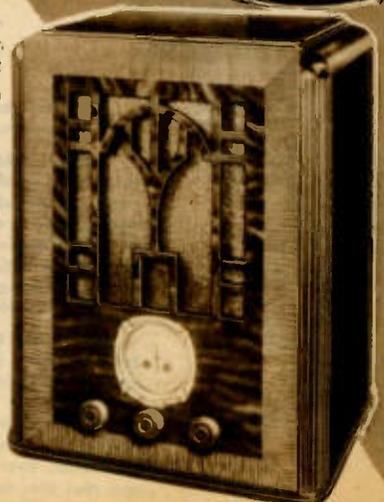
All B and C voltages are secured from a vibrator type power pack furnished as a separate unit. This contains ample filtering in addition to noise-proofed vibrator. Cylindrical in design, it is 10" long and 2¾" in diameter, and looks like an overgrown dry cell without disturbing the rest of the set. Total power drawn, 50 watts. No more than an ordinary lamp.

PRE-SELECTION WITH 3-GANG CONDENSER

A three-gang condenser and a pre-selector circuit gives a high image ratio and thus eliminates interference troubles. Accompanying features are high sensitivity, really effective automatic volume control, full range tone control and four point rubber cushion mounting.

Dynamic speaker (6" in model receiver operated by 2½ watt audio amplifier, gives more than enough volume. Full vision airplane dial with all controls clearly marked. Every member of the family old enough to reach the knobs will be able to tune this receiver easily and effectively.

Model B-44—Lafayette 32-Volt Special, 6-Tube Superheterodyne, complete with tubes and 6" dynamic speaker. For 32 volt DC only. Dimensions: 15½" x 18¾" x 10". Shpg. wt., 34 lbs. Code Conmo. Your Cost..... **\$36.95**

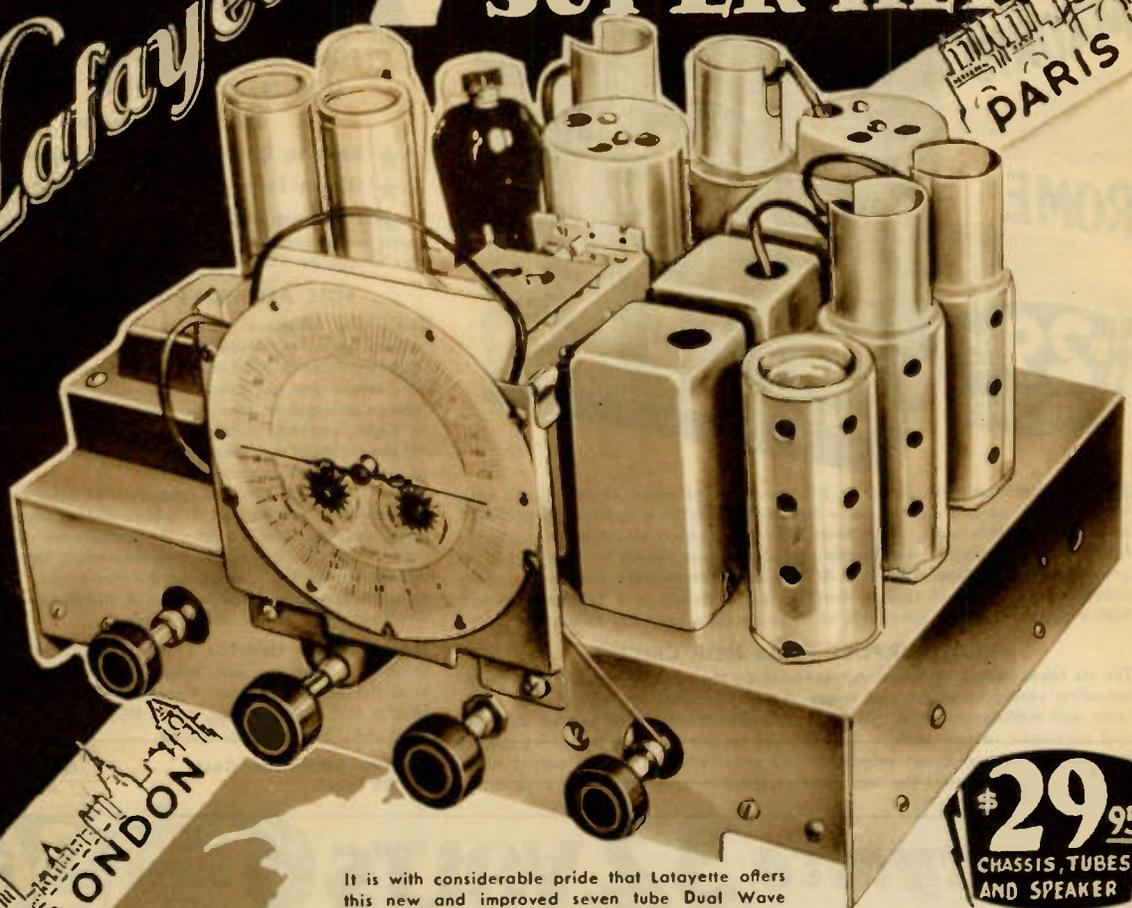


TOUR *the* WORLD

with a Lafayette

7 tube DeLuxe

LONG & SHORT WAVE SUPER-HET



\$29⁹⁵
CHASSIS, TUBES
AND SPEAKER

It is with considerable pride that Lafayette offers this new and improved seven tube Dual Wave superheterodyne, a versatile receiver that brings in not only all the regular wave American broadcasting stations, but dozens of European, African, Asiatic and Australian short-wave broadcasting stations as well. Tube for tube, it is unquestionably without equal in the present day market, and it sells for a price that will be greeted with cheers by people who have always wanted to enjoy the thrills of dual-wave reception without being forced to pay fancy prices.

Just check over the features listed below—note the careful attention to detail both in design and construction—and you will agree that Wholesale again leads in value-giving.

HIGH GRADE MATERIAL THROUGHOUT

There was no stinting on the part of Lafayette engineers in the use of fine, high grade materials. The workmanship is of the usual high Lafayette standard, and trouble-free operation is assured by the fact that almost 40% of all factory time is devoted to continual testing and retesting of the set during all stages of manufacture.

ALL MODERN IMPROVEMENTS

Every modern improvement of circuit design and mechanical construction that could possibly be utilized has been incorporated in this receiver. You don't have to worry about changing fashions in receivers if you own one of these De Luxe Dual-Wave Superhets; your set has everything on it that is of any real use; no frills, but honest features that contribute to the actual performance as you hear it through the clear voiced dynamic speaker.

HIGH SENSITIVITY AND SELECTIVITY

The ability to pick up weak and distant stations is really remarkable. Sensitivity is rated at approximately 2 and 8 microvolts absolute (per 4 meters) on the standard and short wave bands, respectively. Despite this extreme sensitivity, the circuit has been engineered so that reception is above the normal noise level. This is important to remember, as an inherently quiet receiver is essential for good European reception. With a good antenna you will bring in London, Berlin, Paris, Moscow and even Sydney, Australia, regularly and with good strength.

The selectivity is carefully adjusted to 10 kilocycle separation, which means that you can tune in hundreds of stations without interference.

It is important to note that the R. F. stage functions on both the broadcast and short-wave bands. This not only reduces image frequency interference but also considerably reduces the noise level. Very few 7 tube sets have this highly desirable feature.

MOSCOW

BERLIN

★ DUAL RANGE

16 TO 50 AND 171.5 TO 565 METERS

★ AIRPLANE DIAL

★ AUTOMATIC VOLUME CONTROL

★ ELECTRO DYNAMIC SPEAKER

NEW TUBES

Seven high gain newly developed tubes are used in an improved superheterodyne circuit as follows: one 6B7 Diode Pentode as second detector and first audio frequency tube; three 6D6 Advanced Vari-Mu tubes in the first radio frequency stage, the first detector (mixer) stage, and in the intermediate frequency stage; one 42 Pentode Output tube is used in the second audio stage; one 76 Advanced Triode in the oscillator stage. An 80 rectifier is used to supply the necessary plate voltages.

TRIPLE INDICATOR AIRPLANE DIAL

An important feature of this superlative set is the incorporation of a Triple Indicator Airplane Dial for tuning both standard and short wave bands. In addition to an accurate indication of both short and standard wave frequencies, the fully illuminated dial registers the setting of both tone and volume controls. A double pointer on the 4 1/4 inch dial spreads the bands so that critical tuning is accomplished with comparative ease. An 8 to 1 reduction ratio on the vernier tuning control further simplifies accurate tuning and practically eliminates the possibility of passing stations.

EXTENDED DUAL RANGE

The frequency range of this receiver extends from 6,000 to 18,000 Kc. (16 to 50 meters) on the short wave band, and from 530 to 1,750 Kc. (171.5 to 565 meters). These bands include all the important European stations on short waves, and all American stations on the standard broadcast band.

8" DYNAMIC SPEAKER

An improved Electro Dynamic Speaker measuring eight inches in diameter, assures maximum fidelity of tone in both high and low ranges. It will safely handle the 3 watt output without rattling or blasting.

CHOICE OF BEAUTIFUL CONSOLE OR MANTEL MODEL CABINETS

In keeping with the electrical and mechanical quality of the seven tube De Luxe Dual-Wave chassis, Lafayette has chosen cabinets of appropriate finish and appearance. The two illustrated are beautiful examples of the cabinet maker's art. They are both solidly built to eliminate any possibility of cabinet vibration, and they will contribute a definite decorative note to any room in which they are used.

The mantel model is striking in its simplicity. Large baffle area for the speaker is obtained by careful placement of the latter unit. A silk grille covers the speaker opening without affecting the sound emission in the slightest. The console model is truly a majestic piece, with the chassis mounted high to afford maximum operating convenience. It is a piece of furniture that deserves a prominent place in any living room. The beautifully grained woods are a delight to the eye and the finish is such as you would expect in the finest, highest priced furniture.

EUROPEAN RECEPTION GUARANTEED

This receiver has been carefully adjusted for maximum sensitivity and will under reasonably favorable weather conditions provide enjoyable European reception. That is the guarantee that Wholesale gives you on this receiver and that Wholesale Radio Service Co. lives up to with a money back (less transportation charges) agreement.

Wholesale Radio Service Co. makes no wild promises in order to sell you a receiver—but it does live up to the promises it makes. Our Lafayette thirty day free trial offer has been a policy of this company since its inception—use it to prove our claims.

Model B-39—Chassis, tubes and speaker. Size of chassis, 13 1/4" long, 10 1/4" deep, 7 3/4" high. Shpg. wt., 40 lbs. Code **\$29.95** Borem. Your Cost.

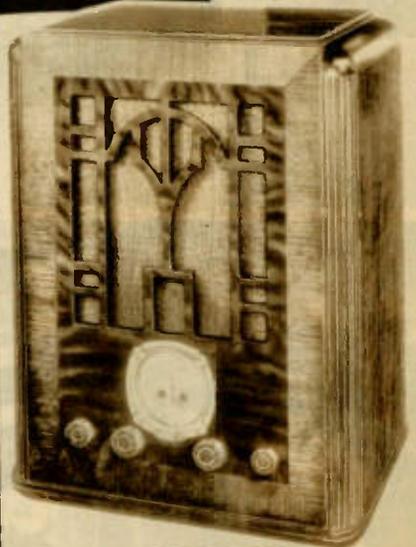
Model B-40—Lafayette Seven Tube Super-heterodyne in Mantel cabinet, and complete with tubes. For 110-125 volts, 50-60 cycle operation. Dimensions: 15 1/2" x 18 3/4" x 10". Shpg. wt. 45 lbs. Code Bodun. List \$67.50. **\$33.75** Your Cost.

Model B-41—Lafayette Seven Tube Super-Heterodyne in Console cabinet measuring 36" high, 20 1/2" wide and 11 1/2" deep. For 110-125 volts, 50-60 cycle AC current. Complete with tubes and speaker. Shpg. wt., 95 lbs. Code Bodis. List \$79.90. **\$39.95** Your Cost.

Either model for 220 volts \$2.50 additional.



\$39⁹⁵
WITH TUBES



\$33⁷⁵
WITH TUBES

The LARGEST RADIO MAIL ORDER HOUSE in the WORLD

The LARGEST RADIO MAIL



THIRTEEN years ago WHOLESALE RADIO SERVICE COMPANY was founded upon the principle of SERVICE. The very word was incorporated in our company's name to be forever a reminder of that principle.

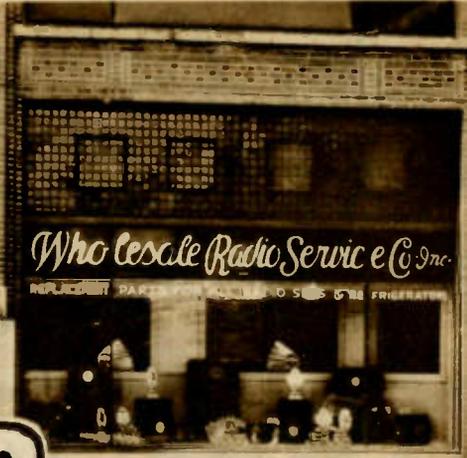
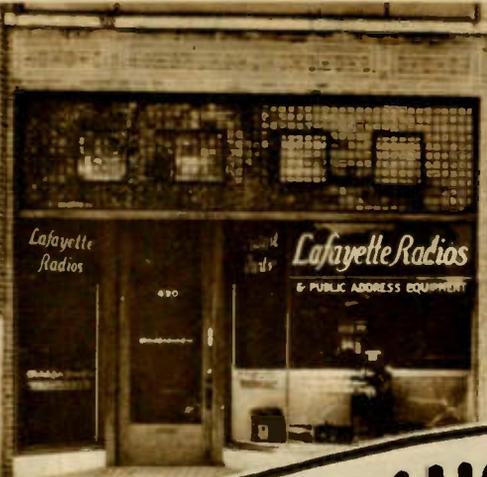
As the years passed and the infant radio industry grew, it became more complex, more involved. Gradually the word Service took on an added meaning. In order to serve you well it became necessary to gather together the finest staff of trained technicians, engineers and sales staff. Men who knew the solution of all your problems; men who could create new equipment, new apparatus to meet the larger needs of Radio and Public Address.

So, today in this great National Organization there are hundreds of willing hands to serve you—in New York, in Newark and in Atlanta. Here you will find the promise of Service performed.

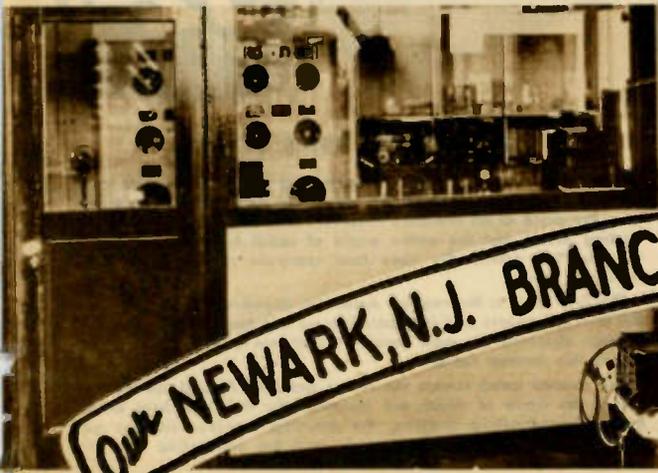
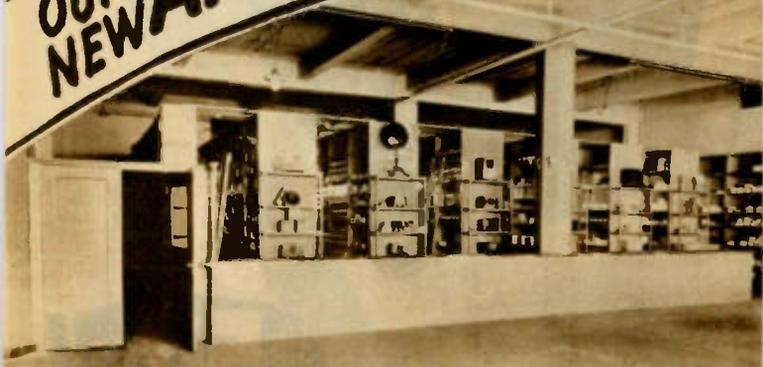
When you buy from Wholesale Radio Service, you buy from the Largest Radio Mail Order House in the World. Because of this you may be confident that what you buy will insure service and your complete satisfaction.



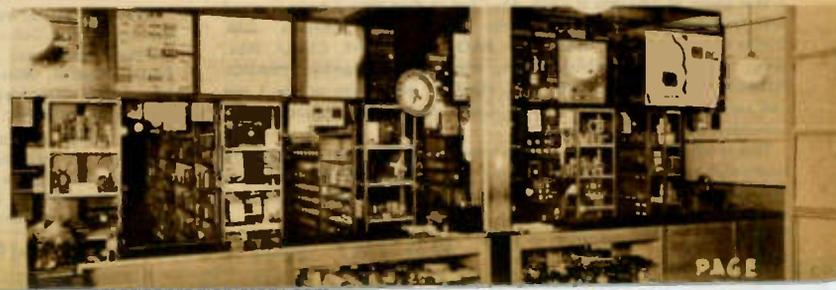
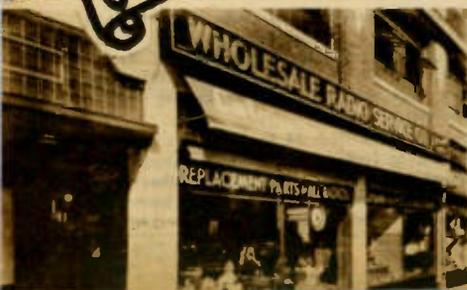
ORDER HOUSE *in the* WORLD!



OUR NEW ATLANTA BRANCH



Our NEWARK, N.J. BRANCH



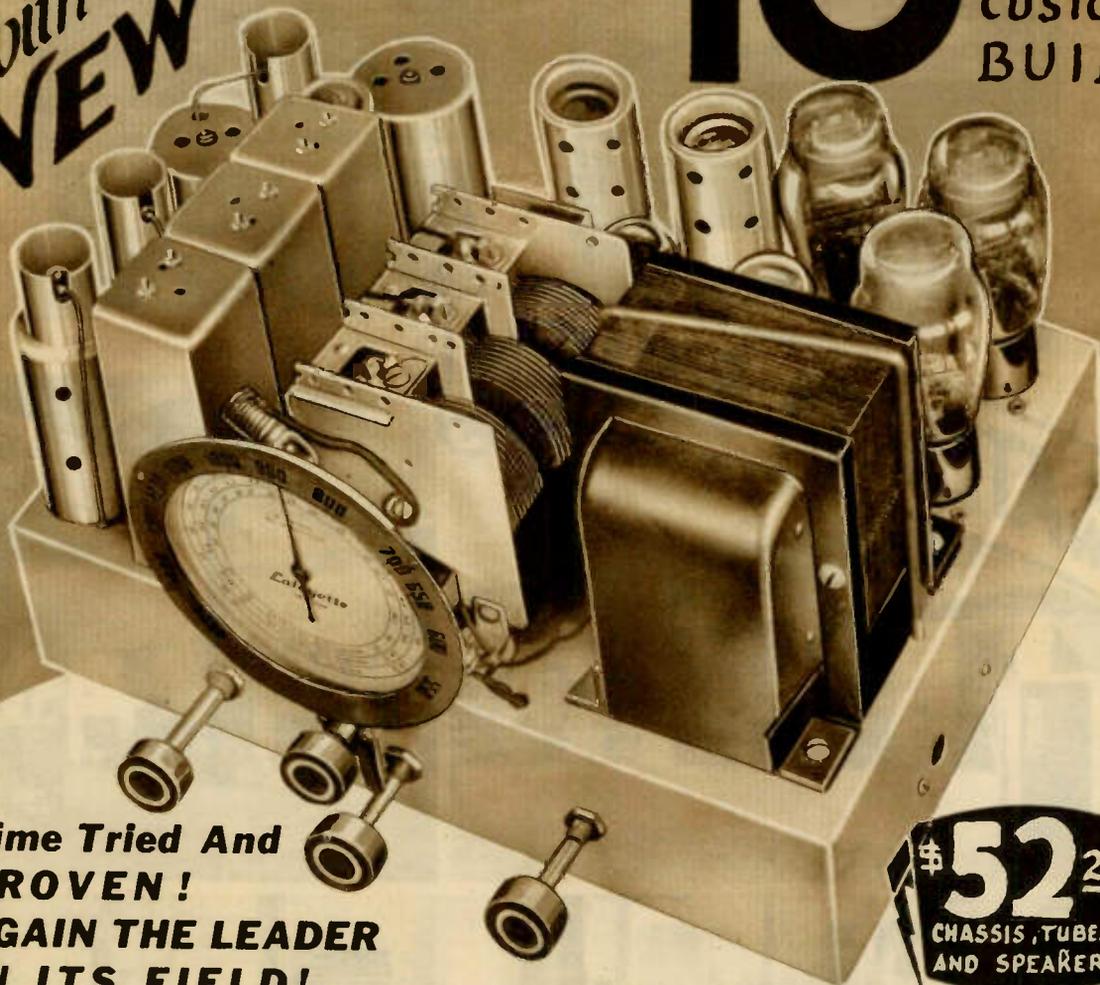
4 SETS in ONE... The

with the
NEW

Lafayette

10

tube
CUSTOM-BUILT



**Time Tried And
PROVEN!
AGAIN THE LEADER
IN ITS FIELD!**

\$52²⁵
**CHASSIS, TUBES
AND SPEAKER**

4 SETS FOR THE PRICE OF ONE

THE first of the Lafayette 10 Tube All-Wave Receivers proved a sensation when it was introduced a few years ago. Yet today the newest model is so superior in performance that there can be no comparison! Constantly improved since its introduction it is today the undisputed leader in its field. Previous models were good, as the following extracts from unsolicited testimonials show:

UNSOLICITED TESTIMONIALS

"I have the pleasure of owning one of your Lafayette All-Wave 10 Tube Receivers and it is a dandy. I have verifications from VK3ME and VK2ME Australia, Rabat-Africa, GSA England, HBL Switzerland, VE9GW Canada, EAQ Madrid, Spain, and Caracas, Venezuela, S. A. I only need one Asia station to be a member of the 'Hear All Continent Club'."—Walter L. Smith, Baltimore, Md.

"During the two weeks I have had the receiver, I have had only a few hours to operate it each day; but in that time I have logged the following foreign short-wave broadcasting stations: DJB, Radio Colonial, Paris, GSD, DJD, EAQ, LSK, VK2ME, CT1AA, HBL, GSC, DJA, VK3ME, GSB, PRBA, P5K, CNR, HJ3ABD, PRADO, HJ1ABB, YV3BC, GSA, DJC, HIX, HJ4ABE, and quite a few I am not sure about."—D. W. Parsans, Cape Henry, Va. Official Radio Listening Post for Virginia.

This is what the previous models have done. The new and greatly improved model has so many new and additional features that there is no question but that it can and will out-perform its predecessors.

This new product of Lafayette engineering skill is really and truly FOUR sets in one, although the price you pay for it is no more than the price of an ordinary receiver. Not only domestic broadcasting alone, but the entire world of radio becomes available to you. You practically have four separate receivers for four separate bands.

The first band is the regular American broadcast band between 200 and 550 meters and its operation on this band is far superior to that obtained on most receivers that are only for operation within this limited range.

The second band covers the range between 75 and 200 meters within the limits of which are included the thrilling short wave police broadcasting stations, the amusing amateur stations on both the 80 and 160 meter bands and the interesting aircraft stations.

The third band, from 30 to 75 meters, is of particular interest to the broadcast listener since it is on this band that the foreign stations broadcast during the evening hours. London, Berlin, Paris, Madrid, Moscow, are all on this band with interesting broadcasts interspersed with announcements in English for the benefit of American listeners.

And fourth we have the band from 14 to 30 meters which is used for the broadcasting of foreign and domestic short wave programs during the daytime. This band also has the other amusing amateur phone band at 20 meters where you can eavesdrop on conversations between amateurs thousands of miles apart.

PAGE 12

The LARGEST RADIO MAIL ORDER HOUSE in the WORLD

ENTIRE WORLD of RADIO!

ALL-WAVE

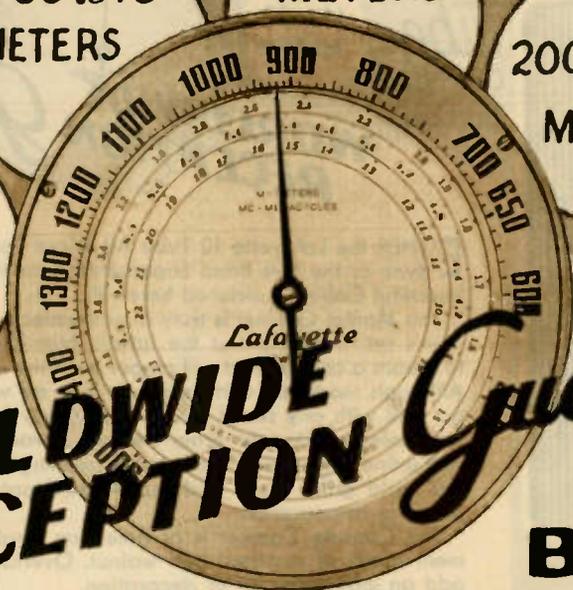
SUPER-HET

30 to 75 METERS

75 to 200 METERS

200 to 550 METERS

14 to 30 METERS



WORLDWIDE RECEPTION

Guaranteed!

★ FOUR SEPARATE BANDS!!!

★ FOUR DISTINCT BANDS

14 to 30 30 to 75 75 to 200 and 200 to 550 Meters!

NEW CIRCUIT USING NEW TYPE TUBES

AN ENTIRELY new circuit using R.F. Amplification on all bands has been developed for this new model. The types of tubes used and the circuits they are used in, are as follows:

The first tube is one of the new type 6D6 vario-mu tubes and is used in the radio frequency pre-amplifier stage that considerably increases the sensitivity of the receiver and greatly decreases image frequency interference and background noise. This is followed by a type 6A7 tube that is a combined oscillator and modulator or first detector which, in turn, is followed by a high gain intermediate frequency amplifier stage using another type 6D6 vario-mu tube. A type 37 tube follows this with the elements connected as a diode for use as the second detector thus making it capable of handling great power without overloading or distorting. Another type 37 tube is used for the sole purpose of providing automatic volume control action thus providing a more positive and effective control over varying signal strengths. This completes the R.F. portion of the receiver which is followed by the audio system described below.

AUDIO POWER OUTPUT OF 12 WATTS!

Of particular interest is the newly developed Class "A" Prime audio amplifier having an output of 12 watts. The second detector is followed by a type 76 tube which is, in turn, followed by a type 41 tube that is transformer coupled to a pair of 41's in Class "A" Prime. The rectifier is a type 5Z3 high vacuum heavy duty tube. No mere written description can do full justice to this amazingly powerful amplifier. Musical reproduction, especially of symphony orchestras, will have a new meaning for you when you hear the full rounded sonorous tones that only ample reserve power can make possible.

HIGH SENSITIVITY ON ALL BANDS

The Super-heterodyne circuit is used to its greatest advantage in the 10 Tube All-Wave receiver. For example, the sensitivity on the broadcast band is 3 microvolts—on the 75 to 200 meter band it is from 3 to 5 microvolts—on the 30 to 75 meter band it is from

5 to 10 microvolts and on the 14 to 30 meter band it is from 5 to 25 microvolts—truly an amazing achievement! This accounts for the fact that this receiver will provide perfectly intelligible signals on stations that cannot even be heard on many other receivers.

Selectivity is also of a high order—providing full 10 KC. separation without affecting the tone quality in the slightest degree due to side band cutting. Greater selectivity could easily be obtained but it would necessarily have to be at the expense of cutting the side bands and thereby affecting the tone quality.

HIGH ORDER OF FIDELITY

By actual measurement the overall response of the set from 60 to 5000 cycles is from plus 1 DB. to minus 10 DB. In less technical terms this simply means that the loud speaker will faithfully reproduce everything transmitted by the broadcasting station.

IMPROVED AIRPLANE TYPE DIAL

A new and greatly improved dial makes the tuning of both domestic and foreign stations a simple matter. The calibration for the standard American broadcast band is etched on the outermost of four concentric circles, the figures being large and legible. The three inner circles contain the markings of the short wave bands which are given in megacycles for quick reference. The dial is four inches in diameter over all and is brightly illuminated when the set is turned on.

The turning ratio of the dial is 12 to 1 which is fine enough for the most critical short wave station "fishing" yet quick enough for rapid exploration of the broadcast band. Four controls in all are provided; band selector, tuning, volume and tone.

FOR USE OUTSIDE THE UNITED STATES

For use in foreign countries a special model is available. This model incorporates an additional (5 in all) long wave band from 850 to 2000 meters. In all other respects, aside from this additional band, it is the same as the Model F-62 described above. This special long wave model is known as the Model F-59. For prices on this model see the following page.

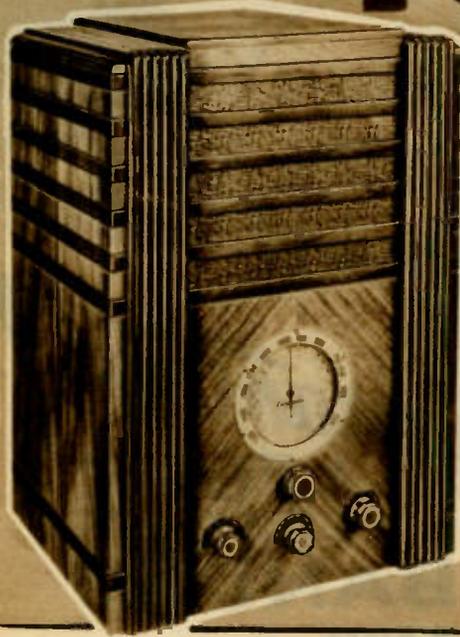
FOR PRICES ON *Cafayette* ALL-WAVE SETS SEE FOLLOWING PAGE

4 SETS in ONE... The ENTIRE WORLD of RADIO

Lafayette

10 ALL-WAVE

SUPER-HET



tube
CUSTOM-BUILT



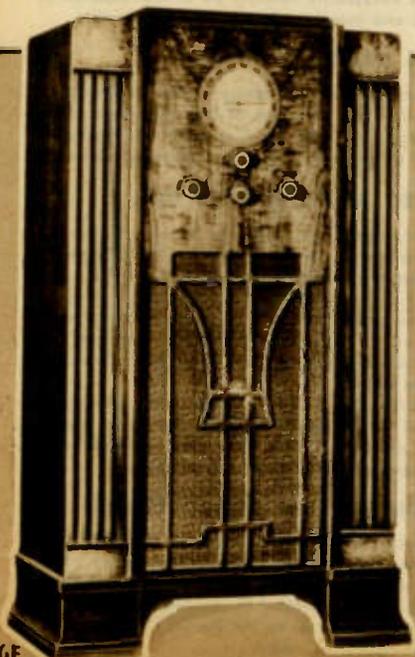
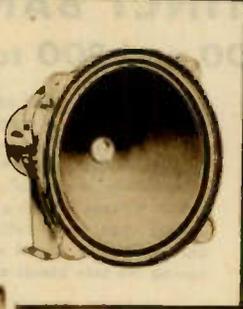
WORLDWIDE RECEPTION *Guaranteed!*

EITHER the Lafayette 10 Tube All Wave Four Band Superheterodyne or the Five Band Superheterodyne is available in the two beautiful Cabinets pictured herewith.

The Mantel Cabinet is truly a masterpiece of the furniture craftsman's art. It exemplifies the artistic blending of rare hardwoods to create a cabinet that will please even the most fastidious person. Although modernistic in design, it is in no way "flashy", and will go well with any set of furniture you may have. The woods used are: selected straight grain American walnut, rich Claro walnut and a fine burl maple. The speaker opening is covered with a beautiful gold grille cloth, and the finished product presents a very pleasing appearance.

The Console Cabinet is of American hardwood with an instrument panel of matched butt walnut. Overlays of Birdseye Maple add an interesting bit of decoration.

THESE receivers are regularly equipped with a standard 10 inch dynamic speaker. But if desired the Console model and the chassis may be obtained with a special 14 inch photophone type speaker. This speaker is not available in the Mantel Model since it will not fit inside the cabinet. Add \$7.50 to prices quoted if 14 inch speaker is desired.



LAFAYETTE ALL WAVE SUPERHETERODYNE
Four Band - 14 to 550 Meters

- Model F-60—Lafayette 10 Tube All Wave Superheterodyne Receiver in the Mantel Cabinet illustrated at the left. Complete with 10 inch speaker and tubes. Dimensions: 21 1/4" high, 12" deep, 15" wide. For 105 to 120 volt, 50-60 cycle operation. Shpg. wt., 60 lbs. Code Gayre. **\$59.75**
List Price \$119.50. Your Cost
- Model F-61—Same as above except for 200-240 volts, 25-60 cycles AC. Shpg. wt., 65 lbs. Code Ginza. **\$62.25**
List Price \$124.50. Your Cost
- Model F-62—Chassis only, with matched 10 inch dynamic speaker and tubes. For 105-120 volts, 50-60 cycle AC. Dimensions: 13 1/2" wide, 10" deep, 9" high. Shpg. wt., 38 lbs. Code Gefre. List Price \$104.50. **\$52.25**
Your Cost

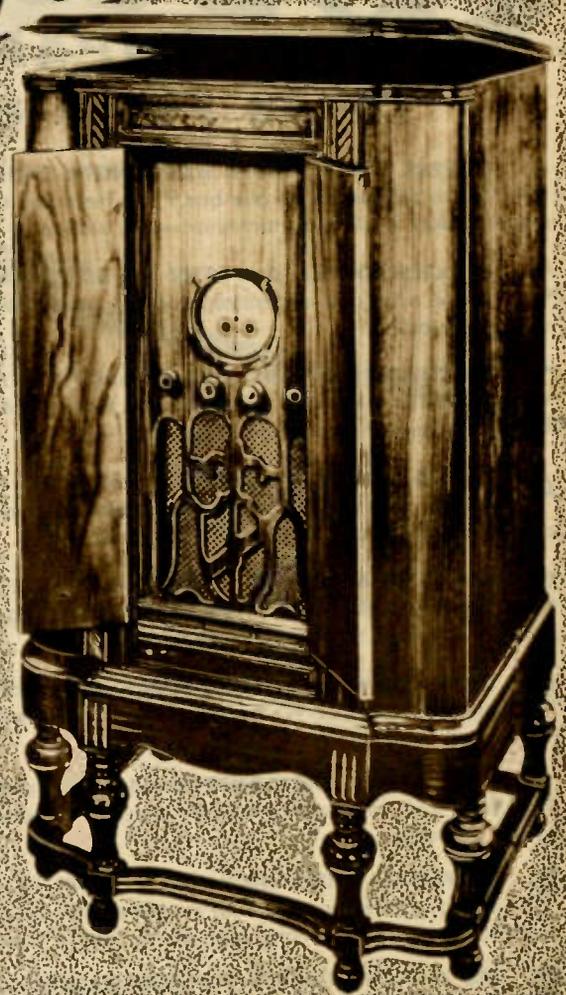
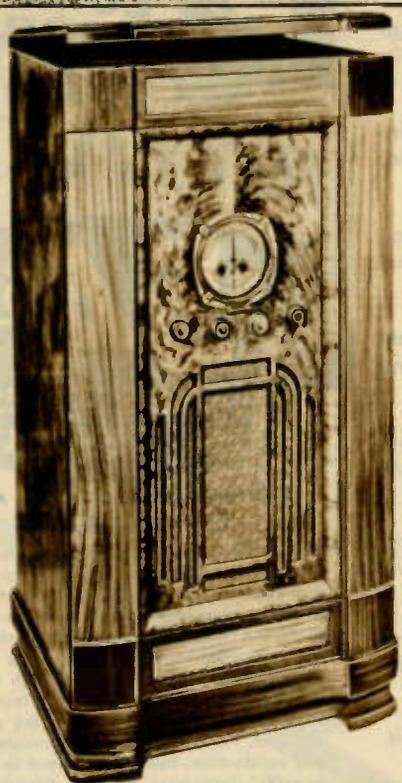
- Model F-63—Same as above except for 200-240 volts, 25-60 cycles AC. Shpg. wt., 43 lbs. Code Galic. List Price \$109.50. Your Cost **\$54.75**
- Model F-74—Lafayette 10 Tube Four Band All Wave Superheterodyne in the attractive Console Cabinet illustrated in the lower left hand corner of this page. Dimensions of cabinet are 37" high, 20 1/2" wide and 11 1/4" deep. Complete with tubes. For operation on 105-115 volts, 50-60 cycle AC. Shpg. wt., 145 lbs. Code Entam. List Price \$132.90. **\$66.45**
Your Cost
- Model F-75—Same as above, for 200-240 volts, 25-60 cycle AC. Code Emris. List Price \$137.90. **\$68.95**
Your Cost

LAFAYETTE ALL WAVE SUPERHETERODYNE
Five Band - 14 to 2000 Meters

- Model F-58—Lafayette 10 Tube Five Band All Wave Superheterodyne Chassis ONLY, with matched 10 inch dynamic speaker and tubes: For 110-220-240 volts, 25-60 cycle AC operation. Dimensions: 13 1/2" wide, 10" deep, 9" high. Shpg. wt., 42 lbs. Code Gongga. List Price \$115.50. **\$57.75**
Your Cost
- Model F-59—Lafayette 10 Tube Five Band All Wave Superheterodyne Receiver in Mantel Cabinet illustrated at top of page. Complete with 10 inch speaker and tubes. Dimensions: 21 1/4" high, 12" deep, 15" wide. For 110-220-240 volts, 25-60 cycle AC. Shpg. wt., 64 lbs. Code Goyer. List Price \$129.50. **\$64.75**
Your Cost
- Model F-76—Lafayette 10 Tube Five Band All Wave Superheterodyne Receiver in Console Cabinet as illustrated at the left. Dimensions: 37" high, 20 1/2" wide and 11 1/4" deep. Complete with tubes. For operation on 110-220-240 volts, 25-60 cycle AC. Shpg. wt., 146 lbs. Code Emsor. List Price \$143.90. **\$71.95**
Your Cost

SPECIFY VOLTAGE CONNECTION REQUIRED

Everything of MUSIC! in the WORLD



A PHONO-RADIO Console Cabinet with a striped walnut front panel flanked by a pair of straight grained walnut side panels, figured walnut top with ebonized edge, American hardwood sides, and ebonized base. Modified modernistic design of the cabinet is particularly pleasing to the eye.

The phono motor is of the two speed type and will play either the regular 78 or the slow speed 33 1/3 r.p.m. records. A special Lafayette pickup assures the finest quality reproduction. This model is available with several different radio receiver chassis as per the listing below.

Model B-70—Lafayette 7 Tube Long and Short Wave Receiver in Phono-Radio Console described above. (Receiver described on pages 8-9). Two speed motor and pick up. Cabinet dimensions: 40"x21"x16". For 110-125 V. 60 cycle A.C. Complete with tubes. Shpg. wt., 150 lbs. Code Kamir. List Price \$145.00. **\$72.50
Your Cost.....**

Available for 220 volts at..... \$4.00 additional

LAFAYETTE 10 TUBE ALL-WAVE RECEIVER

Model F-72—Lafayette 10 Tube All-Wave Receiver in Phono-Radio Console described above. (Receiver described on page 13.) Two speed motor and pickup. Dimensions as above. For 110 V. 60 cycle A.C. Complete with tubes. Shpg. wt., 156 lbs. Code Dalas. List Price \$189.00. **\$94.50
Your Cost.....**

Model F-73—Some as above but European Model with extra 850 to 2000 meter band. Receiver described on page 13. Code Duron. List \$199.00. — **\$99.50
Your Cost.....**

Available for 220 volts at..... \$4.00 additional
Special 14 inch Speaker available for 10 Tube All-Wave Models at \$7.50 additional.

BEAUTIFUL Phono-Radio Console with striped, reverse diamond matched, walnut doors, figured walnut sides, carpathian elm and snakewood trimmings. Satin rubbed finish. Copehart Automatic Record Changer plays ten 10 inch or 12 inch 78 or 33 1/3 r.p.m. records. Last record repeats until turned off. Any record may be rejected or repeated at will. Radio Receiver as per listing below

Model B-67—Lafayette 12 Tube Long and Short Wave Superheterodyne Receiver as described on pages 16 to 17 in special Phono-Radio De Luxe Console pictured above with CAPEHART RECORD CHANGER. Complete with speaker and tubes. For 105-120 V. 60 cycles A.C. Dimensions: 46 1/2" high, 28" wide, 19 1/2" deep. Shpg. wt., 210 lbs. Code Pante. List Price \$309.00. **\$154.50
Your Cost.....**

Model F-70—Lafayette 10 Tube All-Wave Superheterodyne Receiver (as described on pages 12 to 14) in same cabinet and with CAPEHART RECORD CHANGER as described above. For operation on 105-120 V. 60 cycle A.C. Complete with tubes. Shpg. wt., 210 lbs. Code Paire. List Price \$305.00. **\$152.50
Your Cost.....**

Model F-71—Some as above but radio has additional European Band from 850 to 2000 meters. Code Cando. List \$316.00. **\$158.00
Your Cost.....**

With Special 14 inch Speaker available for 10 Tube All-Wave models at \$7.50 additional.

All the above receivers available for 200-240 volt operation at \$6.00 additional.

Worldwide

COMPARE These Features!

- 1. COVERS TWO EXTENDED WAVELENGTH RANGES!** Tunes from 165 to 565 meters on one band and from 16.3 to 51.6 meters on second; takes in all important short wave stations.
- 2. PRE-SELECTOR R.F. AMPLIFIER ON BOTH BANDS!** Gives high image ratio and eliminates annoying cross talk found in circuits not so equipped.
- 3. SENSITIVITY OF 2 MICROVOLTS ABSOLUTE!** Gives set ability to pick up weak and distant stations from all parts of the world. Reception range is practically unlimited.
- 4. FULL 10-KILOCYCLE SELECTIVITY!** Means that stations are separated cleanly and without interference, and also that tone quality is not affected by side band cutting.
- 5. AMPLIFIED AUTOMATIC VOLUME CONTROL!** Eliminates blasting effects when tuning from weak to strong signals and assures steady volume of reception and easy tuning.
- 6. CAREFUL AND THOROUGH SHIELDING!** Stabilizes circuit and prevents receiver itself from picking up undesired extraneous noises and interference.
- 7. FULL RANGE TONE CONTROL!** Allows complete gradation of tone from low bass to brilliant highs, at the choice of the individual set owner.
- 8. POWERFUL AUDIO AMPLIFIER SYSTEM!** 12 watts of audio energy gives big reservoir of power for dancing or outdoor parties; tone quality remains high at all volume levels.
- 9. BIG 12-INCH DYNAMIC SPEAKER!** Magnificent tone quality is yours, at either "whisper" or "concert hall" volume.
- 10. TWO RECTIFIER TUBES!** Separate rectifiers for plate and grid bias supply make audio amplifier perfectly stable and free from distortion.

Lafayette

12 Tube CUSTOM-BUILT LONG and SHORT WAVE RECEIVER!

\$54⁵⁰

CHASSIS, TUBES AND SPEAKER

CUSTOM BUILT QUALITY AT A
REASONABLE PRICE

BECAUSE of its great resources and purchasing power, and the ingenuity of its own laboratory engineers and designers, Lafayette is able to offer custom-built quality in the new 12-Tube DUAL-WAVE receiver at a reasonable price. The parts, workmanship and wiring all meet strict standards, and uniformly high quality is assured by the fact that 40% of all factory labor is devoted to testing. For you, the purchaser and user, this means long, uninterrupted service and satisfaction. You will be proud to show this beautiful instrument to your friends and to demonstrate its uncanny ability to "pull in" American, Canadian, Mexican, European, South African, Australian and Asiatic broadcasting stations.

GUARANTEED FOREIGN RECEPTION!

HAVE you gotten the idea that direct foreign reception of short-wave broadcasting stations is irregular, inconsistent, undependable? That the short waves in general are something of a gamble? Well, they used to be, but not since Lafayette engineers began to build real short-wave sets. We now **GUARANTEE** foreign reception with the new Lafayette 12-Tube Custom Built DUAL-WAVE receiver! Think of it—foreign reception guaranteed in your home or your money back! If you have been hesitating to buy a new receiver because you weren't sure about the short-wave feature, you can now be confident that your money will be well spent.

Behind this guarantee is the reputation and character of Wholesale Radio, a reputation that has been firmly established in the thirteen years that we have been in business. The DUAL-WAVE receiver **MUST** be good to be backed up so strongly! It has passed every conceivable test with flying colors!

MARVELOUS EUROPEAN PROGRAMS

WITH history in the making in Europe, this Lafayette DUAL-WAVE set keeps you in direct touch with all the important capitals of the Old World. You get first-hand news **DIRECTLY** from such reliable short-wave stations as London, which has eight transmitters in a world-wide service, Berlin, Paris, Rome, Vienna, Madrid and Moscow. Think of the thrill of hearing the voices of the world's famous men, men whose voices and personalities change the destiny of the world, whose names blaze across the newspaper headlines every day. This is no empty promise, for the short wave bands are filled with important talks every day of the week. Sometimes you hear important news before the papers get it. When local programs bore you, flip the wave-changing switch of your Lafayette DUAL-WAVE and stations from all over the world will entertain and amaze you. No technical skill is required; you just turn the dial and there are the stations!



The **LARGEST RADIO MAIL ORDER HOUSE** in the WORLD

RECEPTION Guaranteed!

**CUSTOM-
BUILT**
To Last a Lifetime!

LIKE DRIVING A BIG CAR

If you are accustomed to smaller sets, operating the Lafayette 12-Tube DUAL-WAVE receiver will be a new sensation. Handling the knobs that control the 12 tubes in the super-sensitive circuit gives you the feeling that you have a really powerful instrument in front of you. Have you ever driven an eight cylinder car after using a four for several years? The surge of power released by the accelerator was thrilling and the car leaped forward. You'll experience a similar sensation the first time you turn on the 12 tube de luxe DUAL WAVE.

LATEST TYPE TUBES ARE USED IN AN ADVANCED SUPERHETERODYNE CIRCUIT

The tube complement indicates the power of this unusual receiver: one 6B6 diode pentode in the second intermediate frequency amplifier stage; three 6D6's, one as R.F. amplifier (functioning on the short-wave band as well as on the broadcast band), another as first detector and the third as first I.F. amplifier; three 76's, one as oscillator, one as automatic volume control rectifier and second detector and the last as A.V.C. amplifier; three 42's, one as audio driver and the other two in the modified class B output stage, with an output of 12 watts; and two 80 rectifiers, for plate and grid bias supply. The latter little refinement contributes greatly to the smooth operation of the superlative circuit.

ALL STATIONS CLEANLY SEPARATED

So great is the sensitivity that any signal of greater strength than the prevailing noise level will be brought in with loud speaker volume. The selectivity has been adjusted to meet the sensitivity, and the set not only brings in the stations, but separates them cleanly as well. You can thus pick and choose programs, and enjoy the little stations as well as the big ones.

TRIPLE INDICATOR AIRPLANE DIAL

THE full vision airplane type dial furnished with the 12-Tube DUAL-WAVE is self-explanatory to every member of the family. The scale is calibrated in kilocycles on both the regular and short wave bands, making stations easy to find. Individual little scales register the settings of the tone and volume controls, so the operator knows at a glance just how the entire receiver is adjusted. The control mechanism of the tuning condenser is geared 20 to 1. This permits very fine tuning without at the same time making the user turn the knob too much. Particular attention has been paid to this vernier control, to make operation of the receiver easy and comfortable. The entire dial is evenly illuminated.

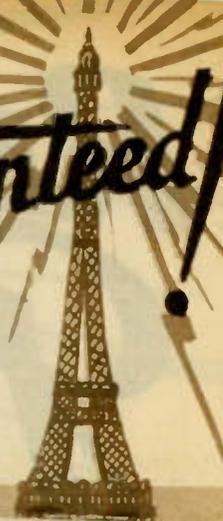
TRANSFORMER HAS WIDE VOLTAGE RANGE

The power consumption of the entire receiver is 110 watts. The power transformer will function on any line voltage between 95 and 130 volts without adjustment, and will run cool for long periods.

All the parts are generously oversize and were selected by Lafayette engineers after thorough and painstaking tests. Outside of occasional tube replacement, this receiver will cost practically nothing for service.

FOR PRICES ON Lafayette 12 TUBE SETS SEE FOLLOWING PAGE

Worldwide RECEPTION Guaranteed!



12 Tube CUSTOM-BUILT Lafayette LONG & SHORT WAVE RECEIVER



\$69.50
WITH TUBES

\$99.50
WITH TUBES

For a complete detailed description of the Lafayette 12 Tube Long and Short Wave Receiver refer to the two pages immediately preceding this one.



NEITHER words nor picture can do real justice to the outstanding beauty of this new Lafayette 12 Tube Console. It is impossible to record on photographic film the various lights and shadows of the beautifully grained woods. One feels instinctively that here is no rushed production job but rather a careful painstakingly designed bit of furniture fashioned by master craftsmen out of rare fine woods.

The most carefully selected sliced walnut is used in its construction with a dial panel of figured California walnut. The fluted side pilaster frame has been antiqued and together with the ebony block grill and base trimmings furnishes an enhancing yet conservative bit of decoration. A triple coat of lacquer is hand rubbed to a particularly handsome finish.

Model B-72—Lafayette 12 Tube Long and Short Wave Receiver Chassis ONLY, complete with 12 inch speaker and tubes. For 110-120 volts 60 cycle AC. Dimensions: 18 1/4" by 11" by 8 1/4". Shpg. wt., 48 lbs. Code Emple. \$54.50
List price \$109.00. Your Cost.....

Model B-73—Lafayette 12 Tube Long and Short Wave Receiver in the Lafayette Console pictured and described above. Complete with tubes. For 110-120 volts, 60 cycle AC. Dimensions: 38 1/2" by 23" by 12". Shpg. wt., 135 lbs. Code Empom. \$69.50
List price \$139.00. Your Cost.....

Either of the above models are available for 220 volt operation at \$3.75 additional.

Model B-74—Lafayette 12 Tube Long and Short Wave Receiver in the Lafayette Phono-Radio Console pictured and described at the right. Complete with Speaker, Two Speed Motor and Pickup, and Tubes. For 110-120 volt, 60 cycle AC. operation. Dimensions: 40" by 21" by 16". Shpg. wt., 170 lbs. Code Emsses. \$99.50
List price \$199.00. Your Cost.....

Phono-Radio Combination available for 220 volts at \$5.00 additional.

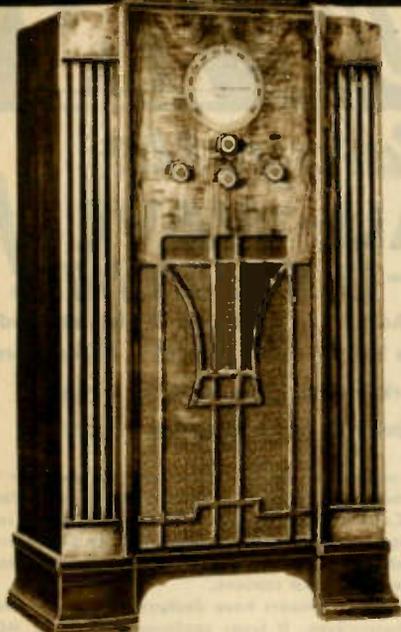
Any of the above Lafayette 12 Tube Long and Short Wave Receivers are available with 14" dynamic speakers at \$7.50 additional.

THE Lafayette 12 Tube Long and Short Wave Phono-Radio Combination illustrated above provides complete entertainment facilities for the home. In addition to all of the interesting programs that are broadcast over the air—you have at your command any particular selection that you may wish to hear—either by living artists or by such great artists as Caruso whose wonderful voice has been recorded for posterity.

The cabinet has a striped walnut front flanked by straight grained walnut panels with genuine inloid striping. The top is of beautifully figured walnut with an ebonized edge. Sides are of American hardwood and base is ebonized.

It is equipped with a two speed motor and pickup that will reproduce either regular 78 r.p.m. speed records or the slow 33 1/3 r.p.m. recordings. A separate volume control for the pickup is provided as well as a variable speed regulator for the motor. Changeover from 78 to 33 1/3 r.p.m. is quickly and easily accomplished.

BATTERY SETS for FARMERS!



Lafayette TUBE 10 ALL-WAVE BATTERY SUPER-HET

\$44⁷⁵
WITH TUBES

★ R.F. AMPLIFICATION ON ALL BANDS

FARMERS, LUMBERMEN, RANCHERS and other people who live away from electric lines have been badly neglected in the past by radio set manufacturers. Not so any more! Lafayette engineers, after a careful survey of farm, ranch and camp requirements, have developed a new line of economical all battery operated receivers that are fully the equal of the A.C. models used by city folks. Here are sets that work well—are attractive in appearance—and that remain trouble-free. Forget past troubles with makeshift sets and short-lived batteries! Enjoy real reception with any one of these new Lafayette achievements.

The Adventurer

The new Lafayette Adventurer heads the line of the new battery models. This is a truly sensational 10 tube All-Wave receiver covering ALL bands between 15 and 560 meters. This range is divided up into four bands as follows; one from 180 to 560 meters which takes in all the American broadcasting stations and many police stations, the second from 71 to 187 meters includes police calls, amateur, airport and aircraft stations, the third from 30 to 71 meters is of particular interest since this includes the band that is used for the foreign short wave broadcasts in the evening, the fourth is of equal interest since this is the band used for foreign short wave broadcasts during the daytime.

Ten tubes in a superheterodyne circuit assure you of real performance. One type 34 tube is used as a radio frequency amplifier ahead of the first detector, a type 1C6 as combined modulator and oscillator, two type 34's as I.F. amplifiers, one type 30 as second detector-automatic volume control tube, and four type 30's in the audio system of which two are in a class "B" output stage, final tube is a voltage regulator. The use of a class "B" output stage provides a high output with minimum battery current consumption.

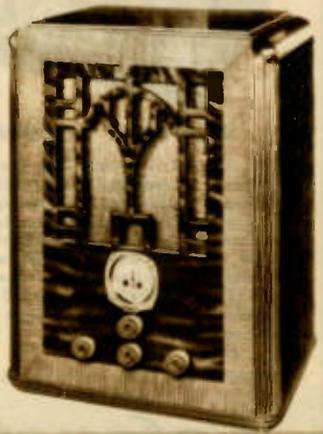
With a 1½ watt push-pull audio system and an 8 inch motor magnetic speaker, the tone quality of the Adventurer will satisfy the most discriminating tastes. The full range tone control allows complete gradation of tone from low bass to brilliant high. An airplane type dial with a 20 to 1 ratio makes tuning a simple matter. Battery current consumption is extremely low being only .6 amp., for the "A" and 25 Ma. for the "B."

Model F-55 Lafayette 10 Tube Adventurer Chassis with tubes and speaker, but less batteries. Dimensions 15½" x 9¾" x 10". Shpg. wt. 31 lbs. Code Confi. Your Cost... **\$39.75**

Model F-56 Lafayette Adventurer in Mantle Cabinet with tubes but less batteries. Dimensions: 18¾" high, 15½" wide and 10" deep. Shpg. wt., 45 lbs. Code Conse. **\$44.75**
Your Cost.....

Model F-57 Lafayette Adventurer in Console Cabinet with tubes but less batteries. Dimensions: 36" high, 20½" wide and 11½" deep. Shpg. wt., 85 lbs. Code Conti. **\$52.95**
Your Cost.....

Complete set of Burgess Batteries and Eveready Air-Cell. Shpg. wt., 85 lbs. **\$10.40**



\$22⁹⁵
WITH TUBES

Lafayette 5 tube BATTERY SUPER-HET

Economy and Effectiveness Combined in This New Battery Receiver

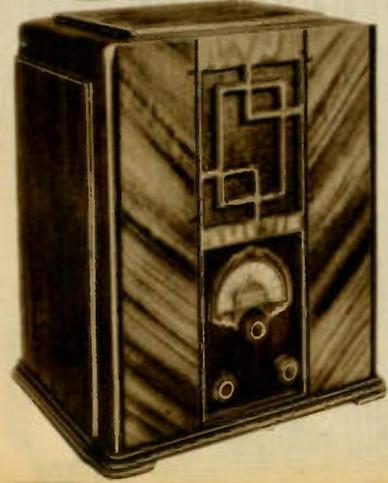
Five tubes in an advanced super-heterodyne circuit give the new Lafayette 5 tube Battery Receiver the two most important features a receiver for farm use should have—economy and great sensitivity. The total filament drain is only ½ ampere and the "B" battery drain only 13 milliamperes! A special three point switch is provided to disconnect all batteries when the set is not in use. The ability of the set to pick up weak or distant stations is rated at 10 microvolts per meter, which means in ordinary language that it will furnish plenty of entertainment in the remotest locations.

Dual Tube in Class "B" Stage

The tube layout is as follows; one type 30, one 32, two 34's, and one 19. The 19 which is really two tubes in one, operates as a complete Class B output stage, with an output of 1.2 watts. The 8 inch motor magnetic speaker assures a high quality of reproduction. The tuning range of the receiver is from 190 to 565 meters. A three-gang tuning condenser is used, one section of which is used for tuning the pre-selector circuit. Selectivity is excellent providing ample 10 KC. separation of stations. A full vision tuning dial makes the accurate logging of stations a simple matter.

Model B-61 Lafayette 5 Tube Battery Operated Superheterodyne, complete with tubes and speaker but less batteries. Dimensions 14x16x10¼ inches. Shpg. wt. 30 lbs. **\$22.95**
Code Conso. List Price \$45.90. Your Cost.....

Complete set of Ben Hur Batteries and a Burgess "A" Pack for the above receiver. Shpg. wt., 50 lbs. Your Cost..... **\$5.25**



\$32⁵⁰
WITH TUBES

Lafayette FOR USE IN



HANDSOME MODERN CABINET

THE receiver is housed in a particularly handsome cabinet of modified modernistic design that will add grace and dignity to the furnishings of any room. The highly polished finish greatly enhances the attractiveness of the beautifully grained woods. Model AM-40 Lafayette 6-tube All-Wave AC-DC Superhet, complete with tubes and speaker. Cabinet dimensions 12"x14½"x6½" deep. For 110 Volts DC or AC 40-60 cycles. Shpg. wt. 25 lbs. Code Calle.

List Price \$65.00.

Your Cost **\$32.50**

220 Volt model also available at \$1.25 extra

6 tube Lafayette ALL-WAVE! A.C.-D.C. SUPER-HET!

★ Long, Medium and Short-Wave Coverage—5 Distinct Bands
13 to 25, 25 to 75, 75 to 200, 200 to 550 and 800 to 2000 meters.

★ Six tubes do the work of eight in a superhet circuit.

★ High order of selectivity to meet European conditions.

PEOPLE who live in Europe understand the need in a radio receiver for a long wave (low frequency) band, but residents of other countries, who plan to take or send sets to the Continent, do not generally appreciate its importance. Broadcasting in Europe is done not only between 200 and 550 meters, but also between about 800 and 2000 meters, and a receiver that does not tune to these waves is missing some of the best stations.

To meet this condition, Lafayette engineers have designed the 6-tube five-band AC-DC All-Wave superheterodyne. It tunes continuously from 23 MC. to 540 KC. (13 to 555 meters) taking in all the short-wave and medium wave broadcasting stations, and also from 350 to 136 KC. (857 to 2200 meters), which covers the highly important long wave stations.

The AC-DC feature is valuable in Europe, because there is no standardization of power current there. The superheterodyne circuit, with its inherently high selectivity, is just what is needed to separate the tangled mass of high power European broadcasters. The sensitivity is also of a high order, the set being capable of excellent long distance reception on the regular broadcast band, to say nothing of world-wide reception on the short wave channels.

USES LATEST TUBES IN MODERN CIRCUIT

Using the latest tubes in a modern circuit, the 6-tube All-Wave Superhet is unquestionably superior to anything previously offered of a similar type. The six tubes do the work of eight, which accounts for the set's great power. The tube line-up is as follows: 6A7 oscillator-modulator; 78 first I.F., 78 second I.F., 75 second detector-A.V.C. tube, 43 output tube and 25Z5 rectifier. Airplane type dial makes tuning easy. Dynamic speaker, 2½ inches in diameter, gives beautifully clear and rounded tone.

Lafayette 6 tube TRIO-WAVE! AC SUPER-HET!

★ THREE POPULAR TUNING BANDS
18 to 50, 200 to 550, 820 to 2200 Meters

SPECIALLY DESIGNED FOR EUROPEAN USE!

THE tremendous demand for, and the consequent quantity production of receivers especially designed for European use, have enabled us to offer this trio-wave receiver, with all of the features our overseas friends and customers have demanded, at a price that is truly unprecedented in the annals of the radio business!

THREE POPULAR TUNING BANDS

The three popular and most used bands are available at the turn of a switch—the short wave band from 18 to 50 meters—the American Broadcast band from 200 to 550 meters—and the European Long Wave band from 800 to 2200 meters. All bands have individually calibrated scales on the full vision airplane type dial.

SIX TUBE SUPER-HETERODYNE CIRCUIT WITH AUTOMATIC VOLUME CONTROL

The six-tube super-heterodyne circuit makes use of the following new and improved tubes; 1-78 as first detector, 1-76 as oscillator, 1-78 as intermediate frequency amplifier, 1-75 as second detector-automatic volume control tube—and first audio amplifier, 1-42 as power output tube and 1-80 as rectifier. Selectivity and sensitivity are unusually fine. Power output is 3 watts—more than sufficient for dancing purposes. A continuously variable tone control permits modification of the tone to suit individual preferences.

Model AM-36—Lafayette Trio-Wave 6 Tube Super-het complete with tubes.

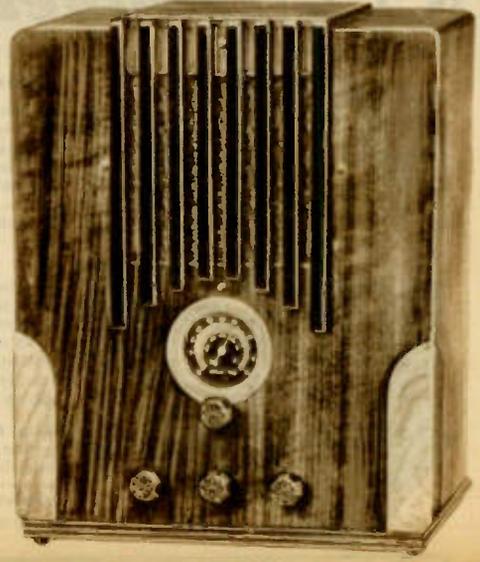
For 110 volt, 60 cycle operation. Dimensions: 14x17x8".

Shpg. wt. 25 lbs. Code Recan.

Your Cost **\$32.95**

Model AM-37—For 220 volts. Code Retis. Your Cost \$34.95

\$32⁹⁵
WITH TUBES



RADIOS EUROPE!

\$24⁹⁵
WITH TUBES

6 Lafayette "COURIER!" tube A.C.-D.C. SUPER-HET!

THE European Model Lafayette Courier has an additional wave-length range between 850 and 2000 meters besides the regular broadcast band from 190 to 550 meters.

The Superheterodyne circuit employed in the Courier uses one 77 tube as first detector, one 77 as oscillator, one 78 as I.F. amplifier, one 77 as second detector, one 43 as power output tube and one 25Z5 as rectifier. Output is approximately one watt. Dimensions: 8³/₄"x14³/₄"x7¹/₂". Shpg. wt., 18 lbs.

Model A-19—European Model Lafayette Courier complete with tubes. For 110 V. D.C. or A.C. 60 cycle operation. Code Talto. **\$24.95**
List \$49.90. Your Cost

Model A-14—Same but for Broadcasting only 190-550 Meters. Tubes used 1-6A7, 2-78's, 1-75, 1-43, 1-25Z5. Code Canto. **\$23.45**
Your Cost



Available for 220 volts.....\$1.00 additional



5 Lafayette "TOURIST!" tube A.C.-D.C. SUPER-HET!

SPECIAL EUROPEAN MODEL—187.5-550 AND 850-2000 METERS

THE Lafayette Tourist 5 Tube AC-DC Superheterodyne is also available in a European Model as pictured here. This model is identical in all respects to the TOURIST model listed and described on page 4 of this catalog but includes an additional wave-length range covering the band from 850 to 2000 meters. For a complete technical description of this marvelous receiver refer to the page mentioned above.

Model C-56—Lafayette Tourist—European Model, complete with tubes. For 110 V. D.C. or A.C. 60 cycle operation. Shpg. wt., 18 lbs. Code Guaya. **\$17.95**
List \$35.90. Your Cost

5 Lafayette "NEW DEAL!" tube A.C.-D.C. SUPER-HET!

AMERICAN BAND 200 TO 550 METERS, PLUS
EUROPEAN BAND FROM 850 TO 2000 METERS

THE popular Lafayette New Deal 5 Tube A.C.-D.C. Superheterodyne is also available in a European Model. This model has all of the features of the standard model listed and described on page 4 of this catalog. The only difference being an additional tuning range covering the band from 850 to 2000 meters. For a detailed description of this excellent receiver refer to the page mentioned above.

Model AM-25—European Model Lafayette New Deal 5 Tube Superheterodyne complete with tubes. For operation on 110 V. D.C. or A.C. 60 cycles. **\$21.95**
Shpg. wt., 12 lbs. Code Cabby. List \$43.90. Your Cost

220 Volt Model also available at.....\$1.00 additional



Lafayette 10 TUBE CUSTOM-BUILT ALL-WAVE! SUPER-HET!

FOR use in foreign countries, the Lafayette 10 Tube All-Wave Superhet is also available as illustrated here with five bands. These cover from 14 to 30, 30 to 75, 75 to 200, 200 to 550, and the European long wave band from 850 to 2000 meters.

Covering such a complete range of wave-lengths this receiver brings the whole world of radio to the finger-tips of its owner. Using the same tubes as the four band receiver it also includes all the features of this model.

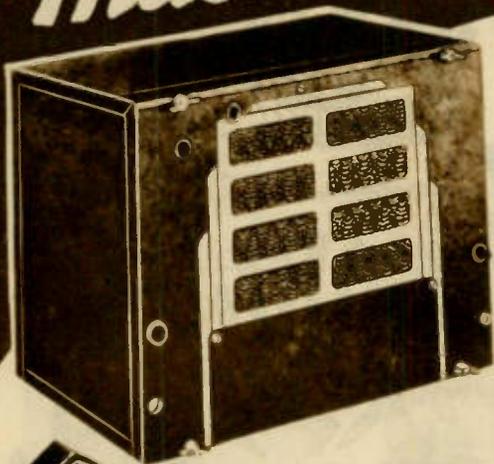
FOR a complete description of this receiver refer to pages 12 and 13 of this catalog.

Model F-58—Lafayette 10 Tube All-Wave Receiver in Mantel Cabinet as illustrated, complete with tubes. Dim. 21¹/₄"x15"x12"; For 110-220-240 V. 25-60 cycle A.C. Shpg. wt., 63 lbs. Code Goyer. List Price \$129.50. **\$64.75**
Your Cost

Model F-59—Chassis only, with speaker and tubes. No Cabinet. Code Ganga.

List Price **\$57.75**
Your Cost

Music while Uride!



Lafayette

6 tube SUPER-HET

AUTO RADIO for only \$23⁹⁵!

EXCEPTIONALLY SENSITIVE AND SELECTIVE

Six tuned circuits (not including the oscillator tuning) make this one of the most selective auto radio sets ever built. And through the use of high gain coils in the RF and IF stages together with the new high gain tubes a remarkable degree of sensitivity has been obtained. This assures satisfactory reception on practically any type of auto aerial in use to-day.

The automatic volume control system used in the receiver is positive and quick acting and minimizes fading due to passing under bridges, between steel buildings, under elevated structures, etc. It makes unnecessary the constant adjustment of the manual volume control when passing from a strong signal area to a weak one.

SINGLE UNIT "QUICK SERVICE" CONSTRUCTION

One of the outstanding features of this remarkable receiver is the single unit construction that permits the removal of the entire chassis for service merely by loosening four wing nuts! The housing of the receiver is fastened permanently to the car chassis and need not be removed at any time. The entire receiver chassis is constructed along the lines of an ordinary home type radio—everything is accessible—no trick hodge-podge construction that is difficult to service. Remote control is of the new indirectly lighted airplane type and is equipped with a key to lock the receiver off and prevent unauthorized use. Receiver housing finished in mad-ernistic silver and black.

Model AM-20—Lafayette "SIX" Auto Radio complete with Sup-pressor Kit for six cylinder car, Airplane type Remote Control, two foot remote control cables, and Kit of matched tubes. Dimen-sions: 10½" long, 7½" deep, 6¾" high. Shpg. wt., 25 lbs. Code Bosun. List \$39.95. **\$23.95**
Your Cost—Special



THINK of it . . . a six tube Super-Het Auto Radio using the latest type tubes and with all of the latest features such as: AIRPLANE TYPE DIAL . . . AUTOMATIC VOLUME CON-TROL . . . SINGLE UNIT "QUICK SERVICE" CONSTRUCTION . . . Etc., for only \$23.95!

At this price you can sell this set to everyone wanting an Auto Radio. You can compete with a NEW model, at a price as

low and lower than most of LAST YEAR'S models that are being sold at this time of year by your competitors at so-called bargain prices.

Six tubes are used in the highly efficient Super-Heterodyne cir-cuit employed in this new Lafayette Auto Radio. A type 78 vario-mu tube is used in a stage of tuned radio frequency amplification, a type 77 is used in a combined oscillator-modulator stage, a type 78 is used in an intermediate frequency amplifier stage followed by a type 75 duo-diode-triode used as second detector which is in turn followed by a type 41 power output tube having an output of three watts! A new type 6Z4 rectifier tube is used in the B supply.

New! Better!

Lafayette "DASH-BOARD MOUNT"

AUTO RADIO!

for only \$19⁹⁵



AT LAST a refreshingly new idea in auto radios. A particularly handsome dashboard or roof mounted receiver that is ex-tremely simple and unusually sturdy in construction.

Just mount the receiver wherever you prefer—it is equally adapt-able for mounting to the dashboard—to the back of the rear seat—or to the roof. Installation requires but a few minutes and for service the entire receiver can be removed from the car merely by loosening two screws.

HIGH SENSITIVITY ASSURES GOOD RECEPTION

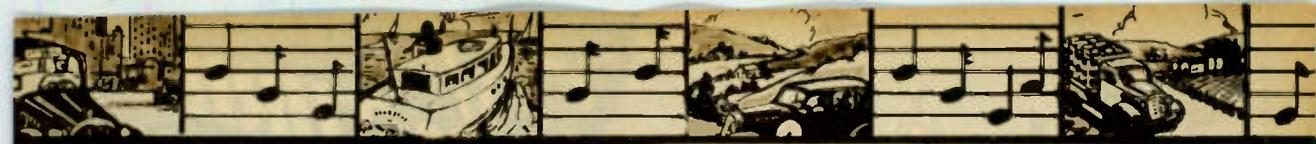
With a sensitivity of one microvolt absolute (per four meters) the Lafayette 5 tube Superhet is superior to many home receivers in its ability to pick up stations. On any road that on automobile can travel you will always have plenty of radio entertainment. The full range automatic volume control holds the signals steady as you go over hills or down valleys and prevents blasting in the loud speaker as you tune from one station to another. The airplane type dial is particularly easy to read.

NEW TYPE TUBES — LOW CURRENT DRAIN

Five of the latest type tubes are used as follows: one 6D6 as R.F. Amplifier, one 6C6 as Oscillator-Modulator, one 6D6 as I.F. Am-plier, one 75 as Second Detector, A.V.C. tube and first audio amplifier and one 41 as output tube. Plate current is supplied by a built-in unit using a new type double vibrator, which is excep-tionally quiet and highly efficient in operation. A 5-inch dynamic speaker driven by the 1¼ watt audio system, assures more than ample volume to override all car and traffic noises.

- ★ Single Unit Construction — Fits Anywhere.
- ★ One Microvolt Sensitivity.
- ★ Positive Automatic Volume Control.
- ★ Full Electro Dynamic Speaker.
- ★ No Rectifier — All Tubes Amplify.

Model B-62—Lafayette 5 Tube Superhet Auto Radio, complete with tubes, hardware and a set of suppressors for a six cylinder car. Dimensions: 12" x 8" x 4". Shpg. wt., 21 lbs. Code Covey. List price, \$39.90. **\$19.95**
Your Cost



Lafayette CUSTOM-BUILT De Luxe SUPER-HET AUTO RADIO

\$31.95
WITH TUBES

- ★ CUSTOM-BUILT!
- ★ NON-GLARE AEROPLANE TYPE REMOTE CONTROL
- ★ DUST PROOFED DYNAMIC SPEAKER
- ★ LONG RANGE A.V.C.
- ★ FULL RANGE TONE CONTROL
- ★ RATTLE PROOF CONSTRUCTION

MAXIMUM PRACTICAL SENSITIVITY AND SELECTIVITY

WHILE the tubes used in the Lafayette "Road King" are practically the same as those used in other receivers the results obtained are so superior that there can be no comparison. The perfectly engineered circuit uses six tubes; 1-75, 1-77, 2-78's, 1-41, and 1-84. Sensitivity and selectivity, due to the use of a tuned radio frequency stage and a carefully selected intermediate frequency, are exceptionally fine. Sensitivity is rated at 1/2 microvolt per meter (2 microvolts (absolute) per 4 meters)!

AUTOMATIC VOLUME CONTROL

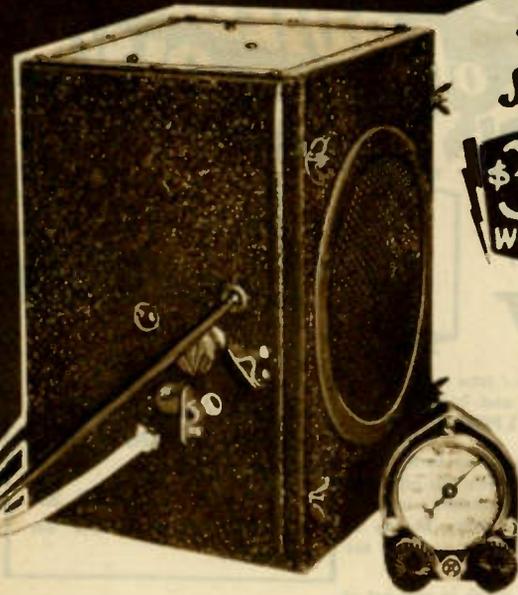
The special long range automatic volume control makes unnecessary the constant adjustment of the manual control when passing between steel buildings, under bridges, etc., thus maintaining the volume of a constant level.

NON-GLARE AEROPLANE REMOTE CONTROL

A new type of aeroplane remote control is equipped with an adjustable pilot light dimmer so that the brightness of the light can be regulated to prevent interference with driving vision at night. The large fully sensitized dynamic speaker (9 watts field excitation) is thoroughly dust-proofed to protect it against dust and grit. Construction of the receiver throughout is exceptionally rugged and rattle-proof. The receiver housing is finished in an attractive durable block crystallized lacquer. Dimensions: 10"x6 3/8"x7" deep.

Model L-30—Lafayette "Road King" Auto Radio complete with Suppressor Kit for six cylinder car, Airplane type Remote Control, two foot remote control cables, and Kit of Matched Tubes. Code Cabre. List \$52.50.

Your Cost **\$31.95**



A DE LUXE Custom-Built Receiver that is exceptionally quiet in operation. No doubt you have heard Auto sets that buzzed like a hive of bees when operated at low volume—not this one—it is so quiet in operation that you can barely hear the vibrator even with your ear against the receiver housing. A tremendous advantage when installed in a quiet closed car. Its mellow lifelike tone, and more than ample volume, that easily overrides the rush of the wind and the drone of the motor, is pleasant and easy to listen to. It is so simple to tune, and so easily adjusted, that never for a moment need you take your eyes off the road in order to change from one station to another. The automatic volume control keeps all of them at equal volume at all times.

MERCURIES METAL CAR ANTENNA



Two-piece all metal adjustable antenna. 8" wide. Length variable from 3 to 4 ft. Equipped with 2 springs. Rainproof insulation. Shpg. wt. 5 lbs.

XY22045. Your Cost, Each **\$1.15**

ONE PIECE AERIAL



Made of one piece of heavy metal, and fully plated. Comes complete with springs, rubber grommets and all necessary hardware. Size 8x35". Shpg. wt. 5 lbs.

XY22047. Your Cost, Each **98¢**

DX AUTO AERIAL



One aerial is mounted under each running board and a wire laced between them through special hooks provided. May be used singly if desired. Shpg. wt. 8 lbs.

XY22041—Single Unit Aerial. **\$1.25**

XY22042—Two Units for Aerial (Illustrated). Your Cost **\$2.40**

WARD MOULDED RUBBER DE LUXE CAR ANTENNA



Something radically new in the line of auto aeriels. Of one piece moulded rubber, 100% moisture and weatherproof. Provided with "Magic Pick-up" splash guard, Has 48" weatherproof lead-in wire. Two bolt mounting. Size 7x34". All accessories included. Shpg. wt. 5 lbs.

XY22019. Your Cost, Each **\$1.65**

AXLTENNA



This aerial is made of copper wire, molded in a very strong piece of rubber. Ties to front and rear axles of the car, springs take up the slack. Shpg. wt. 3 lbs.

XR17148. Your Cost, Each **98¢**

ROOF ANTENNAS



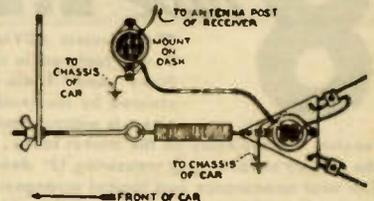
Easily inserted by opening the roof lining about a foot and sliding in the antenna.

Provides extremely good pick-up. Two sizes available. Shpg. wt. 3 lbs.

XY22020—12x27". **65¢**

XY22021—12x35". **75¢**

LYNCH "NOISE-FREE" AUTO ANTENNA SYSTEMS



The most highly efficient antennas available. Come in three different kits: Kit A-1, for the new installation; Kit A-2, for the existing installation; Kit A-3, complete antenna system.

KIT A-1

Contains 25 ft. Lynch "Hi-Mho" Antenna Wire, two rear axle insulator assemblies, one flywheel housing insulator assembly, all necessary connectors and 10 ft. of lead-in wire. Instructions enclosed. Shpg. wt. 4 lbs.

XM14191—List, \$3.50. **\$2.05**

Your Cost, Each **\$2.05**

KIT A-2

Contains 1-Lynch auto antenna impedance matching transformer, 1 receiver impedance matching transformer and 10 ft. of Lynch Noatad shielded transmission line. Instructions included. Shpg. wt. 2 lbs.

XM14192—List, \$5.00. **\$3.00**

Your Cost **\$3.00**

KIT A-3

Complete system. Contains all parts in the both kits listed above. Full instructions included. Shpg. wt. 4 lbs.

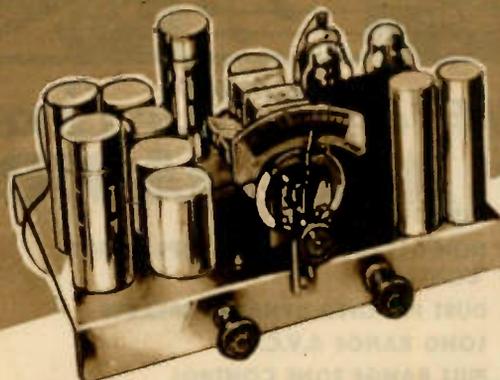
XM14193—List, \$8.00. **\$4.70**

Your Cost **\$4.70**

FREE S.W. STATION LIST AND TUNING HINTS WITH EACH RECEIVER

The **THRILL**
of **BUILDING**
YOUR OWN

with these
EASY TO



\$17.75
KIT of PARTS

7 tube SUPER-HET

AFTER years of experimentation, Trutest engineers are offering a 7-tube receiver in kit form to the public. Seven-tube sets are usually "tricky", and Trutest did not want to announce such a receiver until it was perfect. NOW, IT IS PERFECT, AND WITHOUT A DOUBT IS THE FINEST 7-TUBE KIT AVAILABLE.

This advanced model of the now famous Trutest 7-tube Superheterodyne does justice to the foresight of Trutest engineers. They developed a circuit of the superheterodyne type which has all of the features of far more expensive sets, and which sells for a price that seemed "impossible" to other production engineers. This "impossibility" was realized, not by using inferior parts, but by so designing the circuit that a minimum of apparatus is required. The parts used in this superhet are the same high quality parts that are used in all other Trutest equipment.

The selectivity and sensitivity of this 7-tube superhet are remarkable—stations whisk in and out at every turn of the dial. The quality of reproduction is perfection itself, notwithstanding the hairline selectivity and sensitivity.

The latest tubes helped to make this "impossibility" possible. A 58 is used in the radio-frequency stage, a 56 as oscillator, a 58 as a first detector, a 58 in the intermediate-frequency stage, a 2A6 combination diode detector and audio amplifier, and a 2A5 in the output stage. Undistorted power output, 3 watts. Rectification is accomplished by means of a type 80 tube.

The automatic volume control used is very effective. By setting the manual volume control at a predetermined point, all stations will come in at the same volume without resetting the volume control. This is an A.V.C. system that really works.

Dimensions: 13" wide, 10" deep, and 7" high. All parts well spaced to prevent excessive heating and consequent service calls. It is fully equipped with tone control and full-vision dial.

The Kit is shipped to you complete and ready to assemble with the chassis carefully drilled for all the parts and correctly bent into shape. The instructions and diagrams supplied are especially written so that practically anyone with even the slightest technical knowledge of radio can readily understand and follow them. Both schematic and pictorial wiring diagrams are included. A few hours work with a screw driver, a pair of pliers, knife and a soldering iron are all that is required.

Kit of parts 7 tube Superhet—less tubes and speaker. **\$17.75**
Shpg. wt., 30 lbs. Your Cost.....
Special dynamic speaker..... **\$3.75**
Matched kit of Lafayette tubes..... **\$3.48**
Mantel cabinet..... **\$3.95**

NOTE

In addition to the complete Kits listed on these pages an assortment of Essential Coil Kits is listed on page 146.

The new ALL-STAR Kit will be found listed on page 41.

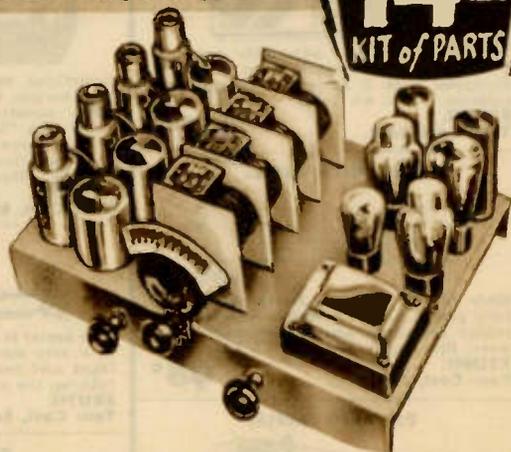
8 tube T.R.F. RECEIVER KIT

THE Trutest ADVANCED ECONOMY 8, which was featured in recent issues of both "Radio News" and "Radio Craft" and was widely acclaimed by the readers of these national magazines, is without doubt one of the best broadcast receiver kits available on the market today. It is a real, man-sized outfit, the formed metal chassis measuring 12" deep, 16½" wide and 7¼" high. The neat appearance and logical arrangement of the parts never fail to arouse favorable comment. Don't get the idea that the large size means that there are large empty spaces in the chassis. There are no midget parts in this receiver. Each component has been carefully designed to provide an ample safety factor, resulting in a finished unit that will give trouble free service.

For the service man or custom-set builder the ADVANCED ECONOMY 8 is a sure-fire money maker. It can be assembled in a short period of time, the only tools necessary being pliers, screwdriver and soldering iron. During the present times of rising prices, this is one of the few sets that stand out as a remarkable buy at the price quoted. Installed in a console cabinet, along with a dynamic speaker, it attracts attention from people interested in high quality radio apparatus—people who have money to spend. A demonstration is enough to convince them that this is the set that gives complete radio enjoyment.

Only the finest of materials, all carefully selected and checked by our laboratory engineers, are used in this kit. The quality and workmanship of all parts and fittings are checked just as thoroughly as in the case of the complete factory built Lafayette receivers.

The reliable, time-tried T.R.F. circuit makes the ADVANCED ECONOMY 8 a real performer, with sensitivity, selectivity and power much in excess of normal requirements. Three stages of r.f. using type 58 pentodes work into a type 57 detector; a 56 first audio and two 2A5's in the output stage and type 80 rectifier. The audio output is 7 watts. For general smoothness of operation this combination is unbeatable.



\$14.95
KIT of PARTS

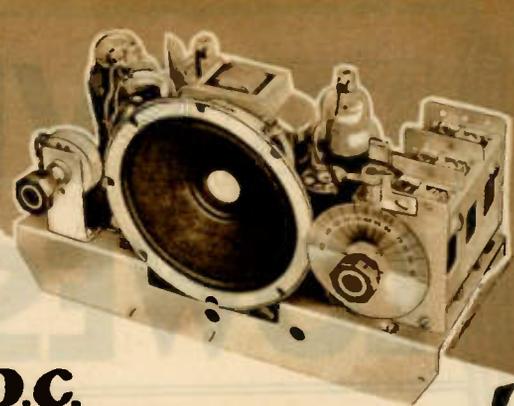
Model Y22037—Trutest Economy 8 Tube Kit, less tubes and speaker. Shpg. wt., 28 lbs. Code Trute. List price \$35.00.

Your Cost..... **\$14.95**
Model Y22038—Matched 10" Dynamic Speaker. Shpg. wt., 10 lbs. Your Cost..... **\$3.95**
Model Y22039—Kit of 8 matched tubes. Shpg. wt., 7 lbs. Your Cost..... **\$4.00**

The Kit is shipped complete with all necessary instructions and diagrams for easy, quick assembly.

RECEIVER KITS

WIRE AND ASSEMBLE



NOTICE!
All that is needed is a screwdriver, a pair of pliers, and a soldering iron. **THERE ARE NO "EXTRAS" TO BUY - ALL KITS ARE ABSOLUTELY COMPLETE.** All bolts, washers, nuts, instructions, etc., are included.

\$12.95
KIT of PARTS

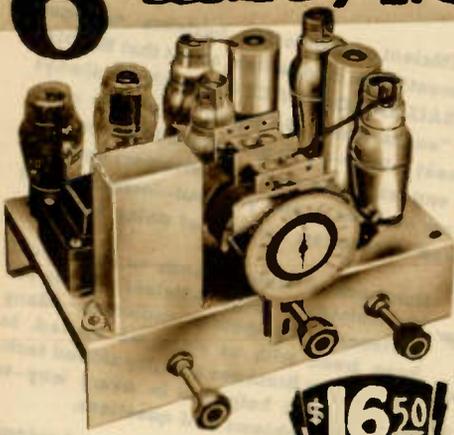
5 tube A.C.-D.C. SUPERHETERODYNE RECEIVER!

THE simple electrical circuit arrangement of universal AC-DC receivers makes the construction of this new Trutest 5 Tube AC-DC Superheterodyne Kit particularly easy. The strong aluminum sprayed steel chassis, measuring 10½ inches long, 4½ inches deep and 6½ inches high overall, holds the entire receiver, including a 5 inch dynamic speaker in the center. At the right end is a 3 gang tuning condenser with illuminated dial. Balancing this control on the left is a combined on-off switch and smooth action volume control. Although small in size, this receiver is a full grown superheterodyne, with a pre-selector stage ahead of the first detector.

One type 77 tube is used as composite first detector and oscillator, and another 77 as second detector. There is one 78 in the I.F. amplifier stage, and a powerful type 43 in the audio output stage. The rectifier is a 252S. The speaker supplied is a special 5 inch dynamic unit. The wave length range of the receiver is 190-550 meters.

The chassis is supplied completely drilled for all parts. A clear diagram and full instructions eliminate any possibility of error.
Model Y22014—Trutest 5 Tube AC-DC Kit, including speaker but less tubes. Shpg. wt., 12 lbs. Code Calte. **\$12.95**
Your Cost.....
Matched kit of Lafayette tubes..... \$3.20

6 tube A.C. LONG AND SHORT WAVE SUPER-HET!



SHORT-WAVE "DX" fans will especially appreciate the new Trutest 6 Tube "Skip Band" receiver kit, for it takes in not only the entire domestic broadcast band from 200 to 550 meters, but the important foreign channel from 17.6 to 50 meters as well. It is so easy to assemble and wire that even a novice can do the job and have the set work the first time he turns it on. The diagrams and instructions are very explicit and the parts fit perfectly on the chassis.

This is an all A.C. receiver, using the sturdy 6.3 volt series of tubes. The 6A7 is the first detector-oscillator, working into two I.F. stages employing 6D6's. A type 75 tube performs the multiple functions of second detector, automatic volume control tube and first audio amplifier, and feeds a type 42 output tube. The rectifier is an 80. With two I.F. stages and automatic volume control, the "Skip Band" receiver is a set that you will be proud to demonstrate as a product of your mechanical skill. A 6 inch dynamic speaker, whose field coil is part of the receiver's filter system, is supplied separately. Chassis measures 10¼"x6½"x7" high overall.

\$16.50
KIT of PARTS

Model Y22012—Trutest 6 Tube "Skip Band" kit of parts, less tubes and speaker. Shpg. wt., 17 lbs. Code Leram. **\$16.50**
Your Cost.....

Special 6 inch dynamic speaker..... \$3.45
Matched kit of Lafayette tubes..... \$3.25

5 tube Jr. DX'er SUPER-HET!

AN advanced superheterodyne broadcast receiver of such excellent design that its five tubes give the same results obtained from many six and seven tube sets. Needle sharp tuning is assured by the use of a three gang variable condenser and a stage of pre-selection ahead of the combined oscillator first detector stage employing a type 57 pentode; following is a stage of high gain I.F. frequency amplification using a 58 pentode, then a type 57 second detector, a 2A5 and finally an 80 rectifier. An undistorted output of three watts is obtained!

Kit is complete to the last detail including washers, soldering lugs, etc. Chassis is accurately drilled and formed, and all parts fit perfectly. You cannot go astray—full and detailed instructions are included. Any standard dynamic speaker with an 1800 ohm field can be used. Chassis dimensions are 10½"x6¼"x6" high. Shpg. wt., 19 lbs.

\$12.95
KIT of PARTS

Model Jr. DX'er—Complete Kit less tubes and speaker. **\$12.95**
Your Cost.....

Model Jr. DX'er—Kit of 5 matched tubes. **\$2.55**
Your Cost.....
Matched Speaker— **\$2.95**
Your Cost.....



FREE S.W. STATION LIST AND TUNING HINTS WITH EACH RECEIVER

★★★★
FINAL

EVERYTHING LOWEST WHOLE

Here's *How* We Do It

★ We buy for cash and sell for cash! Our overhead does not include carrying charge accounts, and writing off bad debts. We take advantage of all cash discounts—effect every possible saving in the management of our business—and turn these savings over to our customers.

★ Our volume of business is tremendous! We have customers in every state in the Union—in every country in the world! We buy in such great quantities that manufacturers give us the lowest possible prices. Lower costs for us mean lower prices for you.

★ We buy when prices are lowest! Because of our huge cash resources we can afford to place orders months in advance. We buy in slack months—when prices are lowest—rather than during the busy season when prices go up. We even buy entire factory outputs on certain items frequently effecting tremendous savings which are passed on to you.

★ A thousand tiny profits instead of a hundred large ones! Because our sales are so large we can afford to work on a small profit basis. From our very inception in the radio business we have always endeavored to sell **EVERYTHING IN RADIO AT LOWEST WHOLESALE PRICES.**

★ Efficient, progressive business management! Even competitors admit that **WHOLESALE RADIO SERVICE COMPANY** is always "on its toes". We try to do a little more than the next fellow—try to give you a little bit more than you expect. That's why our customers continue to buy from us—year in and year out—increasing our volume and decreasing our cost of doing business.

★ Hundreds of willing hands to serve you! We maintain a large, efficient staff of experienced, competent radiomen. Many have been with us since we started. In each of our Branches a highly skilled technical staff is ready to help you in every way—to answer your radio problems and questions.

Our business
is built on
SERVICE.

THE LARGEST RADIO
Mail Order **HOUSE**
IN THE WORLD

See
Big "Yellow" Bargain
Section Which Contains
Hundreds of Bargains...
All typical of the
amazing values
WHOLESALE
offers you

IN RADIO *at* SALE PRICES!

★★★★
FINAL

Our Leadership Enables Us To Say...
WE WILL NOT BE UNDERSOLD!

ON the opposite page we list six reasons why it is possible for us to sell at lowest wholesale prices; but behind these six reasons there is one powerful factor which has brought us to undisputed leadership as the Largest Radio Mail Order House in the World... that one factor is SERVICE!

Throughout 13 years it has always been our endeavor to serve you well. We have not been content to merely sell you quality merchandise at the lowest prices consistent with sound merchandising practices. We have given you an added something... SERVICE, Service that cannot be measured in dollars and cents. For example:

WHOLESALE has a Bureau of Standards to protect your purchases.

WHOLESALE carries hundreds of thousands of parts in stock at all times to render fast, efficient delivery service.

WHOLESALE has permanent displays of Public Address and Short Wave equipment... to eliminate the guesswork in picking the right equipment for the right job.

WHOLESALE offers a 30-day Free Trial and Money Back Guarantee on every Lafayette set.

WHOLESALE issues 4 Big Catalogs each year to keep you constantly informed of the latest developments and price changes.

WHOLESALE publishes many helpful books on Sound, Hints on Making Money, etc.... to aid the Radio Serviceman.

WHOLESALE brings its vast resources into the refrigerator parts field, thus benefiting the serviceman.

WHOLESALE has a large trained technical staff to aid you in solving your problems as they arise.

These are but a few of the many services which we offer you—at no extra cost! You get more than just merchandise when you buy from Wholesale. It is no wonder, therefore, that each year more and more Servicemen, Dealers, Amateurs and Experimenters deal with Wholesale Radio Service Company, the Home of Radio Reliability!

Manufacturers, too, realize the outstanding posi-

tion of this great National Institution. They come to us with the latest innovations—always giving us the benefit of their lowest prices because of our tremendous purchases.

These savings we pass on to you for now, as always, we feel that every customer is entitled to the lowest current prices on all merchandise sold by us.

The prices in this catalog are lowest WHOLESALE prices. Occasionally, an item is listed by a competitor at a lower price than ours. If you should see such an item in our catalog listed at a lower price in a mail order competitor's catalog and it is identical merchandise, write us giving the name of the competitor and his catalog page number and **WE WILL SHIP THE ITEM TO YOU AT THE SAME PRICE!**

In addition, should the prices on any of our merchandise be reduced after this catalog has been printed you will receive a refund in full for the difference when your order is filled. In other words, you can never buy from anybody cheaper than you can buy from Wholesale Radio Service Co. Now, as always, our leadership enables us to say, "WE WILL NOT BE UNDERSOLD!"

ANOTHER NEW POLICY No Order Too Small To Handle!

PERHAPS you have often hesitated to send in an order knowing that many companies will accept no order for less than a minimum amount. Actually there was a reason for it because small orders sometimes entail an actual loss. Every order, large or small, must be packed, checked, billed, shipped... a hundred and one details that cost money.

WHOLESALE realizes that this policy often inconveniences you; that many times a small order is needed in a hurry when you are not prepared to buy other merchandise.

Yet because we desire to serve you; to make it as convenient as possible for you to buy, we accept ANY order no matter how small or large! Now you can buy as your needs arise!

Please try to cooperate with us as we do with you. Try, if possible, to bulk your orders to the amount of \$5.00 or more... but if you do find yourself "on the spot"—in need of quick service on a small order—just rush it to us and your order will get the same attention as if it were for \$100 or more!

Another Wholesale Radio SERVICE!

Our Faithful Pledge for 13 Years!

BATTERY SETS for FARMERS!

ALMOST "BATTERY-LESS" Lafayette 7 tube SUPER HET

ONLY A SINGLE STORAGE BATTERY IS NEEDED
NO "B" OR "C" BATTERIES ARE USED

HERE is the most unusual battery operated receiver we have yet presented! We can even call it a "batteryless" set since it requires no B or C batteries, but works entirely off an ordinary six-volt storage battery. How does it do it? The secret is a special power unit for the high voltage supply that delivers full voltage and never runs down. As long as you keep the storage battery in good condition the set will deliver its full power output just like on AC receiver. This power unit is exceptionally reliable and needs no attention or adjustment.

EXTENDED WAVELENGTH RANGE

Ordinary receivers tune from 200 to 550 meters. This new set goes down to 171 meters and up to 565 and thus is capable of bringing in stations that would otherwise be inaudible. On the low wave end particularly you will find it very interesting to eavesdrop on police radio alarms and the newly licensed experimental stations that are trying "wide band" transmission.

IMPROVED OPEN FACE DIAL

A feature of the open face dial is its listing of more than 100 of the most popular broadcasting stations of the United States. You can tune by call letters quickly and accurately! Police station channels are also indicated. Two small pointers inside the dial indicate the settings of the tone and volume controls. A clear glass window protects the dial.

Lafayette 7 tube LONG & SHORT WAVE SUPER-HET

TWO SEPARATE TUNING RANGES: 18.7 to 57.7 Meters & 175 to 560 Meters

PEOPLE who live in country districts, away from electric power lines, will find the Lafayette 7 Tube Long and Short Wave Battery Receiver ideally suited to their requirements. Ruggedly constructed of quality parts and incorporating a new and important feature in the form of an automatic voltage regulator tube, thus assuring many years of dependable service.

EXTRA BAND INCREASES USEFULNESS OF SET

Two entirely separate tuning ranges are provided—one from 175 to 560 meters is for use in receiving all American broadcast stations and in addition many police calls and amateurs. The second band is designed for the reception of all the popular short wave broadcasting stations and covers the band from 18.7 to 57.7 meters, thus including both the daylight short wave broadcasting band from 19 to 31 meters and the evening band around 49 meters. This range also includes such interesting stations as aircraft, airport, ship radiophones, and amateurs. In isolated districts, where there are no large bodies of steel or electrical appliances to cause interference, you will enjoy unrivalled reception from the best stations on the air. You will be able to enjoy to the fullest such interesting stations as Davenport, England; Paris, France; Madrid, Spain; Berlin, Germany; Rome, Italy, and many more.

ECONOMICAL TO OPERATE

DESPITE the fact that all current required by the receiver is supplied by the storage battery—only 1½ amperes are consumed from the battery, enabling approximately three weeks operation from a 125 ampere hour battery per charging.

SUPERHETERODYNE CIRCUIT

Seven tubes are used in the powerful and selective superheterodyne circuit. 1 type 34 as first detector, 1 type 30 as oscillator, 1 type 34 as I.F. amplifier, 1 type 30 as diode detector—AVC tube, 1 type 34 as first audio, one type 30 as second audio driver feeding a type 19 dual triode in Class B. An output of 1½ watts is obtained. A new motor magnetic speaker provides excellent tone quality with this output.

The automatic volume control keeps the receiver output at a constant level and prevents blasting or distorting as the receiver is tuned from one station to another.

Model B-65—Lafayette 7 Tube Batteryless Superheterodyne in Mantel Cabinet with tubes but less Storage Battery. Dimensions: 11¼" x 22¼" x 35¼". Shpg. wt., 112 lbs. Code Lemse. List price \$83.00. **Your Cost \$41.50**

Special 125 ampere hour Storage Battery for the above receiver \$10.95

LONG BATTERY LIFE

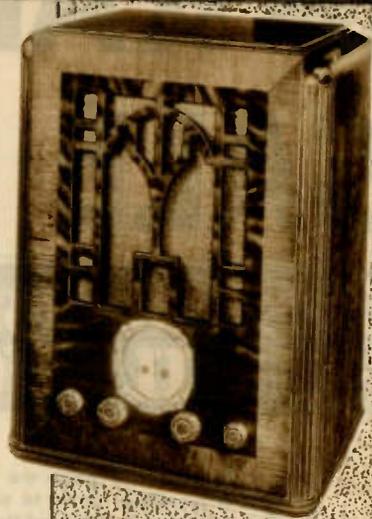
THE seven tubes used in this highly efficient receiver consume only .63 ampere for filament supply from the A battery and only 23 milliamperes for plate supply from the B batteries. This assures long and satisfactory battery life. The use of an automatic voltage regulator tube permits the use of any of the following types of A batteries as desired—three volt dry cell packs—two volt storage battery—or an Eveready Air Cell battery. The battery complement includes three 45 volt B batteries, one 22½ volt C battery and the A supply.

SUPERHETERODYNE CIRCUIT

Sensitivity and selectivity great enough for all ordinary requirements is made possible by an advanced superheterodyne circuit using one type 1C6 tube as oscillator-modulator, one 34 I.F. amplifier, one 30 detector-AVC tube, one 30 first audio and one 30 second audio, one 33 power output tube and a 6-1 voltage regulator tube. A 6 inch motor magnetic speaker is used.

Model F-52—Lafayette 7 Tube Long and Short Wave Superheterodyne with tubes, but less batteries: Dimensions: 15½" x 18¾" x 10". Shpg. wt., 40 lbs. Code Lesut. **Your Cost \$29.75**

Complete set of Ben Hur B and C batteries and one Eveready Air Cell. **Your Cost \$9.15**



\$41.50
WITH TUBES



\$29.75
WITH TUBES

FREE S.W. STATION LIST AND TUNING HINTS WITH EACH RECEIVER

ARCTURUS



| Type | Price | Your Cost |
|---------|--------------------------------|---------------|
| 1A6 | Pentagrid Converter..... | \$1.50 \$0.81 |
| 1C6 | Pentagrid Converter..... | 1.60 .86 |
| 2A3 | Triode Power Amplifier..... | 1.75 .55 |
| 2A5 | Pentode Power Amplifier..... | 1.10 .59 |
| 2A6 | Diode Det. and Triode Amp.... | 1.10 .59 |
| 2B6 | Dual Triode..... | 2.50 1.55 |
| 2A7 | Detector and Oscillator..... | 1.30 .70 |
| 2B7 | Diode Det. & Pent. Amp..... | 1.50 .81 |
| 5Z3 | Full Wave Vac. Rect..... | 1.20 .65 |
| 6A7 | Detector & Osc..... | 1.30 .70 |
| 6B7 | Diode Det. & Pent. Amp..... | 1.40 .76 |
| 6C6 | Pentode Det. or Amp..... | 1.10 .59 |
| 6D6 | Pentode Det. or Amp..... | 1.10 .59 |
| 6F7 | Comb. Triode-Pent. Det. & Osc. | 1.60 .36 |
| 6Z4(84) | Full Wave Vac. Rec..... | 1.30 .70 |
| 12Z3 | Half Wave Vac. Rec..... | 1.10 .59 |
| 12Z5 | F.W. Rec. Doubler (12.6 V.) | 1.50 .81 |
| 12Z5 | F.W. Rec. Doubler (6.3 V.) | 1.50 .81 |
| 25Z5 | Vac. Rec. Voltage Doubler.. | 1.60 .86 |
| 01A | Triode Det. or Amp..... | .60 .32 |
| 10 | Triode Pwr. Amp. or Osc..... | 2.50 1.35 |
| 12A | Triode Det. or Amp..... | .90 .49 |
| 22 | S.G. Det. or Amp..... | 1.50 .81 |
| 24A | S. G. Det. or Amp..... | 1.10 .59 |
| 26 | Triode Amplifier..... | .65 .35 |
| 27 | Triode Det. or Amp..... | .70 .38 |
| 30 | Triode Det. Amp. or Osc..... | .80 .43 |
| 31 | Triode Pwr. Amp..... | .80 .43 |
| 32 | S.G. Det. or Amp..... | 1.40 .76 |
| 33 | Pentode Pwr. Amp..... | 1.40 .76 |
| 34 | Var. Mu. Pent. Amp..... | 1.50 .81 |
| 35 | Var. Mu S.G. Amp..... | 1.10 .59 |
| 36 | S.G. Det. or Amp..... | 1.10 .59 |
| 37 | Triode Det. or Amp..... | .85 .46 |

ARCTURUS SPECIAL 15 VOLT TYPES

| Type | Descrip- tion | Your Cost | Type | Descrip- tion | Your Cost |
|------|----------------|-----------|------|---------------|-----------|
| 22 | S.G.R.F. Amp. | \$4.05 | 32 | Hi. Mu Amp. | \$2.43 |
| 26 | Detector | 2.43 | 40 | Amplifier | 3.24 |
| 30 | Pwr. Amplifier | 2.43 | 48 | Amplifier | 2.43 |

GUARANTEE

Wholesale Radio Service guarantees every Arcturus tube for a period of six months from the date of purchase (burnouts and breakages, excepted). We believe this to be the most liberal guarantee ever offered. Should manufacturers reduce or increase prices after this catalog is out, our prices will change accordingly.

| Type | Price | Your Cost |
|------|--------------------------------|---------------|
| 38 | Pent. Pwr. Amp..... | \$1.10 \$0.59 |
| 39 | Var. Mu Pent. Amp..... | 1.20 .65 |
| 40 | Triode Det. or Amp..... | .80 .43 |
| 41 | Pent. Pwr. Amp..... | 1.10 .59 |
| 42 | Pent. Pwr. Amp..... | 1.20 .65 |
| 43 | Pent. Pwr. Amp..... | 1.25 .68 |
| 44 | Var. Mu Pent. Amp..... | 1.20 .65 |
| 45 | Triode Pwr. Amp..... | .75 .41 |
| 46 | Dual Pur. Pwr. Amp..... | 1.20 .65 |
| 50 | Triode Pwr. Amp..... | 2.50 1.35 |
| 51 | Var. Mu S.G. Amp..... | 1.10 .59 |
| 53 | Twin Cl. "B" Triode Pwr. Amp. | 1.35 .73 |
| 55 | Comb. Diode Det. & Triode Amp. | 1.10 .59 |
| 56 | Triode Det. or Amp..... | .75 .41 |
| 57 | Pent. Det. or Amp..... | 1.10 .59 |
| 58 | Var. Mu Pent. Amp..... | 1.10 .59 |
| 59 | Univ. Pwr. Amp..... | 1.60 .86 |
| 71A | Triode Pwr. Amp..... | .70 .38 |
| 75 | Comb. Diode Det. & Triode Amp. | 1.10 .59 |
| 76 | Triode Det. or Amp..... | .90 .49 |
| 77 | Pent. Det. or Amp..... | 1.20 .65 |
| 78 | Var. Mu Pent. Det. or Amp.. | 1.20 .65 |
| 79 | Twin Cl. "B" Triode Pwr. Amp. | 1.30 .70 |
| 80 | Full Wave Vac. Rec..... | .70 .38 |
| 81 | Half Wave Vac. Rec..... | 2.50 1.35 |
| 82 | Full Wave Mer. Vapor Rec... | .90 .49 |
| 83 | Full Wave Vac. Rec..... | 1.10 .59 |
| 85 | Comb. Diode Det. & Pwr. Amp. | 1.10 .59 |
| 89 | Universal Pwr. Amp..... | 1.20 .65 |
| V99 | Triode Det. or Amp..... | 1.25 .68 |
| X99 | Triode Det. or Amp..... | 1.00 .54 |
| AF | Full Wave Mer. Vapor Rec... | 1.80 .97 |
| AG | Full Wave Mer. Vapor Rec... | 2.05 1.11 |
| GA | Power Pentode..... | 2.75 1.49 |
| PZ | Pent. Pwr. Amp..... | 1.30 .70 |
| PZH | Amplifier Triode..... | 1.60 .86 |

WUNDERLICH TYPE TUBES

| Type | Description | List Price | Your Cost |
|------|--|------------|-----------|
| A | 2.5 Volt Filament— Has 5 Prongs..... | \$3.00 | \$1.62 |
| AA | Automotive Type—2.5 Volts—5 Prongs..... | 3.00 | 1.62 |



GENUINE KELLOGG TUBES
The original overhead heater type tubes. For use on alternating current. Used in the old model Sonora receivers and others. All brand new and guaranteed.

Type 401. List \$4.00.
Your Cost..... **\$2.35**

Type 483. List \$5.00.
Your Cost..... **\$2.94**

LAFAYETTE MAJESTIC TYPE TUBES

| Type | List Price | Your Cost |
|---------|------------|---------------|
| 24S | \$1.30 | \$0.65 \$0.70 |
| 25 | 3.80 | 1.90 none |
| 27S | .80 | .40 .43 |
| 35S-51S | 1.40 | .70 .76 |
| 55S | 1.70 | .85 .92 |
| 56S | 1.30 | .65 .70 |
| 57S | 1.75 | .88 .95 |
| 57A-S | 1.75 | .88 .95 |
| 58S | 1.75 | .88 .95 |
| 58A-S | 1.75 | .88 .95 |

RAYTHEON MAJESTIC TYPE TUBES

| Type | List Price | Your Cost |
|-------|------------|---------------|
| 85A-S | \$1.70 | \$0.85 \$0.92 |
| 2A7-S | 2.30 | 1.15 1.24 |
| 6A7-S | 2.30 | 1.15 1.24 |
| 6B7 | 2.10 | 1.05 1.13 |
| 6C7 | 1.90 | .95 1.03 |
| 6D7 | 1.75 | .88 .95 |
| 6E7 | 1.75 | .88 .95 |
| 6F7-S | 1.90 | .95 1.03 |
| 6Y5 | 1.90 | .95 1.03 |
| 6Z5 | 1.90 | .95 .95 |



THEATRE EXCITER LAMPS
Designed and engineered by one of the pioneers in the field, these lamps are scientifically constructed to give long and satisfactory service.

| Type | Volts | Amps. | Base |
|------|-------|-------|--------------|
| 854 | 8.5 | 4.0 | S.C. Bayonet |
| 105 | 10 | 5.0 | S.C. Bayonet |
| 107 | 10 | 7.5 | S.C. Bayonet |

Your Cost—
Each, Any Type..... **62c**

TAMPER

Sealed

GUARANTEE IS VOID IF
MANUFACTURING CO.

Lafayette

RADIO TUBE
LICENCED BY RCA

Precision
WORKMANSHIP and
RIGID INSPECTION
BEHIND EVERY
Lafayette
tube!



Spot Welding Tube Filament



Final Test on All Tube Characteristics



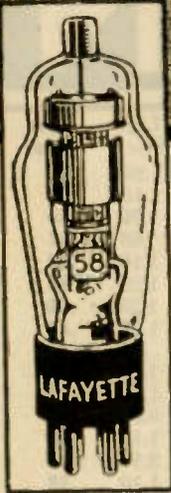
Exhausting and Sealing Tubes

A TECHNICAL TUBE CHART FREE WITH EVERY ORDER FOR TUBES

PROOF!

Lafayette SCIENTIFIC RADIO TUBES

6 MONTHS GUARANTEE on TUBES!



First, we guarantee every receiving tube sold for a period of 6 months—not 90 days, but a full six months. IF ANY TUBE SOLD BY US SHOULD FAIL DURING SIX MONTHS IT WILL BE CHEERFULLY AND PROMPTLY REPLACED WITHOUT CHARGE—burn-outs and breakages are the ONLY exception. To the best of our knowledge, this is the most liberal tube guarantee in the country.

Second, we make this guarantee possible by testing every tube before it is shipped out. We maintain an elaborate testing laboratory, equipped with every modern testing device available. SHOULD TUBE PRICES DECREASE OR INCREASE AFTER THIS CATALOG IS PUBLISHED OUR PRICES WILL CHANGE ACCORDINGLY. It pays to buy from Wholesale Radio Service!

| | | | | | | | | | | | |
|------|--------------------------|--------|-------|--------------------------|--------|-----|--------------------------|--------|------|--------------------------|--------|
| 01A | List 60c Your Cost | 28c | 12A5 | List \$2.10 Your Cost | 93c | 39 | List \$1.20 Your Cost | 60c | 75 | List \$1.10 Your Cost | 55c |
| 1A6 | List \$1.50 Your Cost | 75c | *12A7 | List \$2.20 Your Cost | 99c | 40 | List \$2.00 Your Cost | \$1.00 | 76 | List 90c Your Cost | 45c |
| 1C6 | List \$1.75 Your Cost | 88c | 12Z3 | List \$1.10 Your Cost | 52c | 41 | List \$1.10 Your Cost | 55c | 77 | List \$1.20 Your Cost | 60c |
| IV | List \$1.00 Your Cost | 50c | 19 | List \$1.20 Your Cost | 60c | 42 | List \$1.20 Your Cost | 60c | 78 | List \$1.20 Your Cost | 60c |
| 2A3 | List \$1.75 Your Cost | 88c | 20 | List \$1.50 Your Cost | 75c | 43 | List \$1.25 Your Cost | 63c | 79 | List \$1.30 Your Cost | 65c |
| 2A5 | List \$1.10 Your Cost | 55c | 22 | List \$1.50 Your Cost | 75c | 44 | List \$1.20 Your Cost | 60c | 80 | List 70c Your Cost | 32c |
| 2A6 | List \$1.10 Your Cost | 55c | 24 | List \$1.10 Your Cost | 52c | 45 | List 75c Your Cost | 34c | 81 | List \$2.50 Your Cost | \$1.25 |
| 2A7 | List \$1.30 Your Cost | 65c | 25Z5 | List \$1.60 Your Cost | 80c | 46 | List \$1.20 Your Cost | 60c | 82 | List 90c Your Cost | 45c |
| 2B6 | List \$1.50 Your Cost | 75c | 26 | List 65c Your Cost | 30c | 47 | List \$1.30 Your Cost | 58c | 83 | List \$1.10 Your Cost | 55c |
| 2B7 | List \$1.50 Your Cost | 75c | 27 | List 70c Your Cost | 32c | 48 | List \$3.00 Your Cost | \$1.50 | 84 | List \$1.30 Your Cost | 65c |
| 5Z3 | List \$1.20 Your Cost | 60c | 29 | List \$3.65 Your Cost | \$1.65 | 49 | List \$1.10 Your Cost | 55c | 85 | List \$1.10 Your Cost | 55c |
| 6C6 | List \$1.10 Your Cost | 55c | 30 | List 80c Your Cost | 40c | 50 | List \$2.50 Your Cost | \$1.25 | 89 | List \$1.20 Your Cost | 60c |
| 6D6 | List \$1.10 Your Cost | 55c | 31 | List 80c Your Cost | 40c | 51 | List \$1.10 Your Cost | 55c | V-99 | List \$2.25 Your Cost | \$1.13 |
| 6A4 | List \$1.40 Your Cost | 68c | 32 | List \$1.40 Your Cost | 70c | 53 | List \$1.35 Your Cost | 68c | X-99 | List \$1.00 Your Cost | 50c |
| 6A7 | List \$1.30 Your Cost | 65c | 33 | List \$1.40 Your Cost | 70c | 55 | List \$1.10 Your Cost | 55c | 182B | List \$1.65 Your Cost | 75c |
| 6B7 | List \$1.40 Your Cost | 70c | 34 | List \$1.50 Your Cost | 75c | 56 | List 75c Your Cost | 38c | 183 | List \$1.65 Your Cost | 80c |
| *6F7 | List \$1.60 Your Cost | 80c | 35 | List \$1.10 Your Cost | 55c | 57 | List \$1.10 Your Cost | 55c | 484 | List \$1.80 Your Cost | 90c |
| 10 | List \$2.50 Your Cost | \$1.25 | 36 | List \$1.10 Your Cost | 55c | 58 | List \$1.10 Your Cost | 55c | 485 | List \$1.45 Your Cost | 72c |
| 12A | List 90c Your Cost | 45c | 37 | List 85c Your Cost | 43c | 59 | List \$1.60 Your Cost | 79c | | | |
| | | | 38 | List \$1.10 Your Cost | 55c | 71A | List 70c Your Cost | 33c | | | |

*These highly specialized tubes in the Kadette Junior



RAYTHEON TUBES

| Type No. | Description | List Price | Your Cost |
|----------|-------------------------------|------------|-----------|
| 00A | Triode Detector | \$2.00 | \$1.08 |
| 01A | Triode Detector or Amplifier | .60 | .32 |
| 1A6 | Pentagrid Conv. | 1.50 | .81 |
| 1C6 | Pentagrid Conv. | 1.60 | .86 |
| 1-V | Half Wave Vacuum Rectifier | 1.00 | .54 |
| 2A3 | Triode Power Amplifier | 1.75 | .95 |
| 2A5 | Pentode Power Amplifier | 1.10 | .59 |
| 2A6 | Duo Diode-Triode Amplifier | 1.10 | .59 |
| 2A7 | Detector and Oscillator | 1.30 | .70 |
| 2B7 | Diode Det. and Pentode Amp. | 1.50 | .81 |
| 5Z3 | Full Wave Vacuum Rectifier | 1.20 | .65 |
| 6A4(LA) | Pentode Power Amplifier | 1.40 | .76 |
| 6A7 | Detector and Oscillator | 1.30 | .70 |
| 6B7 | Diode Det. and Pentode Amp. | 1.40 | .76 |
| 6C6 | Pentode Detector or Amplifier | 1.10 | .59 |
| 6D6 | Pentode Detector or Amplifier | 1.10 | .59 |
| 6F7 | Comb. Triode Pentode | 1.60 | .86 |
| | Detector and Oscillator | 1.60 | .86 |
| 6Z4(84) | Full Wave Vacuum Rectifier | 1.30 | .70 |
| 12A5 | Pentode Power Amplifier | 2.10 | 1.13 |
| 12Z3 | Half Wave Vacuum Rectifier | 1.10 | .59 |
| 25Z5 | Volt. Doubling Vac. Rectifier | 1.60 | .86 |
| 10 | Triode Power Amplifier | 2.50 | 1.35 |
| WD-11 | Triode Detector | 3.00 | 1.62 |
| WX-12 | Triode Detector | 3.00 | 1.62 |
| 12A | Triode Detector or Amplifier | .90 | .49 |
| 19 | Twin Cl. "B" Tri. Pwr. Amp. | 1.20 | .65 |
| 20 | Triode Power Amplifier | 1.50 | .81 |
| 22 | S.G. Detector or Amplifier | 1.50 | .81 |
| 24A | S.G. Detector or Amplifier | 1.10 | .59 |
| 26 | Triode Amplifier | .65 | .35 |
| 27 | Triode Detector or Amplifier | .70 | .38 |
| 30 | Triode Detector or Amplifier | .80 | .43 |
| 31 | Triode Power Amplifier | .80 | .43 |
| 32 | S. G. Detector or Amplifier | 1.40 | .76 |
| 33 | Pentode Power Amplifier | 1.40 | .76 |
| 34 | Vari-Mu Pentode Amplifier | 1.50 | .81 |
| 35 | Vari-Mu S.G. Amplifier | 1.10 | .59 |
| 36 | S.G. Detector or Amplifier | 1.10 | .59 |

| Type No. | Description | List Price | Your Cost |
|----------|-------------------------------|------------|-----------|
| 37 | Triode Detector or Amplifier | .85 | .46 |
| 38 | Pentode Power Amplifier | 1.10 | .59 |
| 39 | Vari-Mu Pentode Amplifier | 1.20 | .65 |
| 40 | Triode Detector or Amplifier | .80 | .43 |
| 41 | Pentode Power Amplifier | 1.10 | .59 |
| 42 | Pentode Power Amplifier | 1.20 | .65 |
| 43 | Pentode Power Amplifier | 1.25 | .68 |
| 44 | Vari-Mu Pentode Amplifier | 1.20 | .65 |
| 45 | Triode Power Amplifier | .75 | .41 |
| 46 | Dual Purpose Pwr. Amplifier | 1.20 | .65 |
| 47 | Pentode Power Amplifier | 1.30 | .70 |
| 48 | Power Amplifier | 3.00 | 1.62 |
| 49 | Dual Purpose Pwr. Amplifier | 1.10 | .59 |
| 50 | Triode Power Amplifier | 2.50 | 1.35 |
| 51 | Vari-Mu S.G. Amplifier | 1.10 | .59 |
| 52 | Dual Purpose Pwr. Amplifier | 1.60 | .86 |
| 53 | Twin Cl. "B" Tri. Pwr. Amp. | 1.35 | .73 |
| 55 | Duo Diode-Triode Amplifier | 1.10 | .59 |
| 56 | Triode Detector or Amplifier | .75 | .41 |
| 57 | Pentode Detector or Amplifier | 1.10 | .59 |
| 58 | Vari-Mu Pentode Amplifier | 1.10 | .59 |
| 59 | Universal Power Amplifier | 1.60 | .86 |
| 71A | Triode Power Amplifier | .70 | .38 |
| 75 | Duo Diode-Triode Amplifier | 1.10 | .59 |
| 76 | Triode Detector or Amplifier | .90 | .49 |
| 77 | Pentode Detector or Amplifier | 1.20 | .65 |
| 78 | Vari-Mu Pent. Det. or Amp. | 1.20 | .65 |
| 79 | Twin Cl. "B" Tri. Pwr. Amp. | 1.30 | .70 |
| 80 | Full Wave Vacuum Rectifier | .70 | .38 |
| 81 | Half Wave Vacuum Rectifier | 2.50 | 1.35 |
| 82 | Full Wave Merc. Vap. Rect. | .90 | .49 |
| 83V | Full Wave Vacuum Rectifier | 1.10 | .59 |
| 85 | Duo Diode-Triode Amplifier | 1.10 | .59 |
| 89 | Universal Power Amplifier | 1.20 | .65 |
| V-99 | Triode Detector or Amplifier | 1.25 | .68 |
| X-99 | Triode Detector or Amplifier | 1.00 | .54 |
| BA | Full Wave Gaseous Rectifier | 7.50 | 4.05 |
| BH | Full Wave Rect. for "B" Elim. | 4.65 | 2.51 |
| BR | Half Wave Gaseous Rectifier | 2.75 | 1.49 |



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INDEX

- A -

| | |
|---------------------------|----------------|
| Article | Page |
| A.C.-D.C. Receiver Kits | 25 |
| Adapters | 42, 104 |
| Adapters, Dual Speed | 91 |
| Aerials | |
| Auto | 23 |
| Cage | 160 |
| Eliminators | 158 |
| Filters | 162 |
| Insulators | |
| 56, 68, 51, 160, 161, 163 | |
| Kits | 160, 162, 163 |
| Lead-in Strips | 161, 166 |
| Lightning Arresters | |
| 161-163, 166 | |
| Masts | 160 |
| Spreaders | 56, 102, 163 |
| Transposition Blocks | |
| 56, 162, 163 | |
| Wire | |
| 160, 161, 163, 164, 166 | |

| | |
|--------------------------------|----------|
| All-Star Kit | 41 |
| Aluminum Corner Posts | 150 |
| Aluminum Panels | 150 |
| Aluminum Record Blanks | 92 |
| Aluminum Shielding Cans | 150 |
| Amperite Voltage Control Tubes | 159, 175 |

| | |
|--------------------|----|
| Amplifiers | |
| Battery Operated | 73 |
| Public Address | |
| 38, 70-74, 76 | |
| R.C.A. Photophone | 38 |
| Amplifying Systems | |
| 73-75, 77, 78 | |

| | |
|---|-----|
| Analyzers 46, 55, 93, 94, 96, 98-100, 104, 128-130 | |
| Analyzer Plugs | 103 |
| Analyzer Knobs | 39 |
| Angle Brackets | 155 |

| | |
|------------------------------|-----------------|
| Antennas 51, 160, 162 | |
| Coils | 37, 45, 43, 147 |
| Chokes | 37 |
| Couplers | 36, 162, 163 |
| Tightener | 161 |

| | |
|--|-----|
| Assortments, Screws, Nuts, Washers | 155 |
| Attachment Caps | 169 |
| Audio Transformers 39, 42-45, 47, 58, 59, 115-120 | |

| | |
|-------------------------------|---------|
| Automobile Accessories | |
| 103, 128, 160, 174, 175 | |
| "A" Batt. Charger | 37, 156 |

| | |
|------------------------|----------|
| "B" Eliminators | 23 |
| Condensers | 175 |
| Converters | 91 |
| Distributor | |
| Suppressor | 175 |
| Generator Silencer | 175 |
| Ignition Suppressor | 175 |
| Ignition Wire | 165 |
| Radio Wire | 166 |
| Radios | 22, 23 |
| Remote Control | 46, 175 |
| Remote Control Cable | 46, 175 |
| Vibrators | 174, 175 |
| Voltage Regulator | 159, 175 |

| | |
|---------------------------------|-------------|
| Automatic Record Changer | 46, 90, 176 |
|---------------------------------|-------------|

- B -

| | |
|------------------------|----------|
| Baffle Boards | 81, 82 |
| Bakelite Panel | 40, 150 |
| Bakelite Tubing | 37, 150 |
| Ballast, Line | 159, 175 |
| Bargains 35, 41 | |
| Base Board Outlets | 137 |
| Base, Tube | 104, 162 |
| Batteries 156 | |
| Cables | 156 |
| Clips | 154, 156 |

| | |
|-----------|---------------------|
| Article | Page |
| Receivers | 36, 52, 157, 19, 28 |
| Storage | 156 |

| | |
|----------------------------|---------------|
| "B" Eliminators 156 | |
| "B" Eliminators, Auto | 174 |
| Bells, Electric | 168 |
| Binding Posts | 102, 152, 154 |
| Bits, Auger | 172 |
| Blank Records | |
| Recording | 92 |
| Blow Torches | 167 |

| | |
|--|-----|
| Books, Text 46, 58, 106, 107, 158 | |
| "B" Power Units, Auto | 174 |

| | |
|----------------------|---------------------------------|
| Article | Page |
| Clarion Parts | 43 |
| Clips Fuse | 103 |
| Clips Fahnestock | 155 |
| Clips Lead-In | 161 |
| Clips Screen Grid | 154 |
| Clips Terminal | 154 |
| Clips, Wire Holding | 161 |
| Code Practice Sets | 56, 62 |
| Coils | |
| R. F. | 37, 43, 44, 147 |
| I. F. | 37, 39, 43, 45, 46, 55, 64, 147 |
| Ant. | 37, 43, 45 |
| Oscillator | 37, 43, 45, 147 |
| Assembly | 44 |

| | |
|------------------------|---------|
| Article | Page |
| Pioneer Rotary | 42 |
| Janette Rotary | 91 |
| Short-Wave | 49, 58 |
| Cords, Extension | 157 |
| Coupler, Antenna | 36, 163 |
| Crystal Holder | 62 |
| Crystal Microphone | 88 |
| Crystals | 62, 157 |
| Crystal Sets | 157 |
| Cutter, Circular Panel | 171 |

- D -

| | |
|---------------|------|
| Article | Page |
| Detector-Lite | 105 |
| Dial Cables | 151 |

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| | |
|-------------------------------|--|
| Brackets, Angle | 155 |
| Brackets, Pilot Light | 151, 155 |
| Brackets, Sub Panel | 150 |
| Brass Rods | 150 |
| Brunswick Parts 44, 45 | |
| Bulbs, Tungar | 159 |
| Bulbs, Pilot | 151 |
| Buss Wire | 164 |
| Buzzers, High Frequency | 62 |
| By-Pass Condensers | 35, 40, 43, 122, 125, 127, 128, 129, 130 |

- C -

| | |
|-------------------------------------|-----------------------------------|
| Cabinets, Set | 36 |
| Cabinets, Speaker | 82 |
| Cable, Armored | 46, 165 |
| Cable, Auto Remote | 46 |
| Cable Connectors | 103, 137 |
| Cable Pin Plugs | 103, 137 |
| Cables, Microphone | 89 |
| Cable, Transmission | 163, 166 |
| Capacity Testers | 94-96, 98-100, 128, 129 |
| Carbon Resistors | 37, 130, 131, 132 |
| Carrying Cases | 100 |
| Cathode Ray Oscillograph | 99 |
| Cathode Ray Oscilloscope | 55 |
| Cement, Cone | 85 |
| Cement, Electrical | 167, 168 |
| Charger, Auto "A" | 37, 156 |
| Chassis, Metal | 36, 51, 150 |
| Chassis, Radio 9, 13, 14, 18 | |
| Chimes | 59 |
| Chokes | |
| R. F. | 37, 149 |
| Xmtg. | 58, 59, 60, 149 |
| Trutest | 59, 115, 149 |
| Antenna | 37 |
| Short Wave | 110, 149 |
| Filter | 39, 44, 58, 59, 60, 116, 117, 120 |

| | |
|------------------|-------------|
| Plug-In | 53, 54, 56 |
| Forms, Plug-In | 53, 54 |
| Kits | 53, 54, 146 |
| Magnetic Speaker | 85 |
| Pick-Up | 45, 47 |
| Speaker Field | 44, 46, 85 |
| Transmitting | 68 |
| Winder | 171 |

| | |
|--------------------|-------------------------------|
| Condensers | |
| Auto | 175 |
| Black Replacements | 43, 44, 46, 121-124 |
| By-Pass | 35, 40, 43, 122, 125, 127-130 |
| Cartridge | 36, 124, 125-128, 130 |
| Electrolytics | 35, 40, 42, 44, 124, 126-130 |
| Filter | 43, 44, 124, 126-130 |
| I. F. Tuning | 40, 64 |
| Mira | 35, 40, 61, 125, 127, 129 |
| Neutralizing | 56, 57, 63 |
| Transmitting | 61, 63 |
| Shaft Couplings | 56 |
| Trimmer | 40, 63, 147, 148 |
| Variable | 43, 44, 56-58, 63, 64, 148 |
| Cone, Units | 38 |
| Cones, Speaker | 43, 44, 85 |
| Connectors | 85, 81, 89, 103, 154, 168 |
| Consoles | 9, 14, 15, 18, 19 |

| | |
|---------------------------------|--------------|
| Controls | |
| Auto Remote | 46, 175 |
| Auto Voltage | 175 |
| Line Voltage | 159 |
| Microphone Tone | 86 |
| R.C.A. Automatic Remote | 36 |
| Volume | 43, 137-145 |
| Cord Connectors | 38, 157, 169 |
| Cord Sets | 168, 169 |
| Convenience Outlets, Radio | 137 |
| Convenience Outlets, Electrical | 137, 169 |
| Converters | |
| Auto | 91 |

| | |
|-------------|----|
| Dial Drives | 46 |
| Dial Scales | 42 |

| | |
|--|--------------------------|
| Dials 37, 56, 57, 137, 151, 175 | |
| Dials, Meter | 102 |
| Dividers, Voltage | 89, 40, 43, 131, 133-136 |
| Doublet Antennas | 51, 162, 163 |

| | |
|------------------------------|-------------------|
| Drilling Template | 150 |
| Drills | 170, 172 |
| Dual Speed Electric Pick-Up | 90, 91 |
| Dual Speed Motor and Pick-Up | 91 |
| Dual Speed Phono Adapter | 91 |
| Dual Speed Phono Motors | 90 |
| Dual Super Recorder | 92 |
| Dynamic Mike | 88 |
| Dynamic Speakers | 38, 42, 43, 81-84 |

- E -

| | |
|------------------------|--------------------|
| Earphones | 157 |
| Earphone Adapters | 104 |
| Electric Eye | 99 |
| Electrical Accessories | 102, 103, 168, 169 |
| Electric Pencil | 167 |

| | |
|------------------------------|----------|
| Electrical Appliances | |
| Clocks | 187, 190 |
| Coffee Makers | 187, 188 |
| Hair Dryers | 187 |
| Heating Pads | 187 |
| Irons | 187, 190 |
| Mixers | 187, 188 |
| Razor Blade Sharpener | 187 |
| Toasters | 188 |
| Vacuum Cleaners | 187 |
| Waffle Irons | 188 |

| | |
|---|--|
| Electrolytic Condensers 35, 40, 42, 44, 124, 126-130 | |
|---|--|

| | |
|-----------------------------|------------|
| Article | Page |
| Eliminators, Automobile "B" | 174 |
| Eliminators, "B" | 156 |
| Equalizing Condensers | 40, 63, 64 |
| Escutcheon Plates | 95 |
| Extension Cords | 157, 168 |

- F -

| | |
|----------------------|---------------|
| Fahnestock Clips | 155 |
| Fibre Rods | 150 |
| Fibre Washers | 155 |
| Field Coils, Speaker | 44, 46, 85 |
| Field Exciters | 81, 83 |
| Filament Resistors | 134, 136, 137 |

| | |
|-------------------------------------|----------|
| Filament Transformers 59, 60 | |
| Filament Wire | 164, 166 |
| Files | 171, 176 |

| | |
|----------------------------|---------------------------------------|
| Filterizer Kits 162 | |
| Filters | |
| Chokes | 39, 44, 58, 59, 60, 110, 115-117, 120 |
| Condensers | 35, 40, 42-44, 121-130 |
| Interference | 39, 158 |
| Scratch | 91 |
| Speaker | 37 |
| Flashlights | 168 |
| Flush Receptacle | 37, 38, 168, 169 |
| Fuses | 102, 103 |

- G -

| | |
|--------------------|-----|
| Generators | 91 |
| Generator Silencer | 175 |
| Granules, Carbon | 89 |
| Grid Resistors | 137 |
| Grille Cloth | 38 |
| Grommets | 155 |
| Ground Clamps | 161 |
| Ground Rods | 160 |

- H -

| | |
|---------------------------|-----|
| Hammarlund S.W. Receivers | 65 |
| Hand Saw | 176 |
| Hard Rubber Panels | 150 |

| | |
|-------------------------------|---------|
| Hardware 150, 154, 155 | |
| Headphones | 157 |
| Headphone Adapters | 42, 104 |
| Home Recording Outfits | 92 |
| Horns, Lafayette 82 | |
| Hydrometers | 156 |

- I -

| | |
|----------------------------|-------------------------|
| I. F. Coils | 37, 39, 43, 55, 147 |
| I. F. Transformers | 37, 45, 47, 56, 64, 147 |
| I. F. Tuning Condensers | 40, 64, 147 |
| Ignition Suppressors, Auto | 175 |
| Indicators, Ohm | 130, 133 |
| Insulators, Aerial | 51, 56, 68, 161, 163 |
| Interference Filter | 39, 158 |
| Irons, Soldering | 167 |

- J -

| | |
|--------------|-------------------|
| Jacks | |
| Phone | 40 |
| Test Plug | 68, 103, 104, 154 |
| Speaker | 40, 152, 154 |
| Switches | 137, 153 |
| Tip | 137, 154 |
| Twin | 137, 152, 154 |
| Midjet | 152, 154 |

- K -

| | |
|----------------|----|
| Keys, Xmitting | 62 |
|----------------|----|

| | |
|-----------------------|---------------|
| Article | Page |
| Kits | |
| A.C.-D.C. Receiver | 25 |
| Adapter | 104 |
| Antenna | 160, 162, 163 |
| Coil | 146, 162, 163 |
| Condenser | 126-129 |
| Radio Receiver | |
| 24, 25, 41, 52 | |
| Resistor | 130, 132 |
| Tool | 105 |
| Trustest Serviceman's | |
| 125 | |
| Volt-Ohmmeter | 93 |
| Wire | 164 |
| Knobs | 39, 62, 148 |
| Insulator | 161 |
| Nail-It | 161 |
| Screw-It | 68 |

| | |
|------------------------|---------------|
| - L - | |
| LAFAYETTE | |
| Aerial Kits | 51, 160, 162 |
| Amplifiers | 70-74, 76 |
| Auto Converters | 91 |
| Microphones | 86 |
| P. A. Tuners | 80 |
| Portable Phonographs | 91 |
| Pre-Amplifier | 86, 88 |
| Public Address | |
| Systems | 73-75, 77, 78 |
| Speakers | 82 |
| Tubes | 30-31 |
| Transceivers | 50, 51 |
| Transmitters | 50, 51 |
| Transmitting Tubes | 66 |
| Lead-Ins | 161, 166 |
| Leads, Test | 105 |
| Light Brackets | |
| Pilot | 151, 155 |
| Light Source | 99 |
| Lighter, Automatic | 190 |
| Lightning Arresters | |
| 161, 162, 163, 166 | |
| Line Ballasts | 159, 175 |
| Line Filters | 158 |
| Line Testers, Electric | |
| Power | 94 |
| Line Voltage Controls | 159 |
| Littel Fuses | 102-103 |
| Locks | 175 |
| Loom, Shielded | 165 |
| Lugs | 154, 155 |

| | |
|-------------------------------|------------------------------|
| - M - | |
| Mantel Receivers | |
| 6-9, 12-14, 19, 20, 28 | |
| Metal Chassis | 36, 150 |
| Metal Shielding | 166 |
| Meters | |
| 39, 46, 95, 96, 100, 101, 102 | |
| Metre Accessories | 101, 102, 131, 136, 153, 154 |
| Mica Condensers | 35, 40, 61, 125, 127, 129 |
| Microphones | 50, 51, 86, 87, 88 |
| Accessories | 86, 89, 95, 156 |
| Cables and Connectors | 89 |
| Carbon | 42, 86, 87 |
| Condenser | 87 |
| Crystal | 87 |
| Dynamic | 88 |
| Repairs | 87 |
| Ribbon | 88 |
| Stands | 86, 88, 89 |
| Transformers | 115, 116, 117, 120 |
| Midget Receivers | |
| 4, 5, 20, 21 | |
| Momentary Switches | 153 |
| Motors, Phonograph | |
| 47, 90, 91 | |
| Mounting Brackets | 155 |
| Mounting Lugs | 154 |
| Mounts, Fuse | 102, 103 |
| Mounts, Meter | 102 |
| Multipliers, Meter | 101, 102, 131, 136 |

| | |
|--------------------------------------|--------|
| - N - | |
| National Short Wave Receivers | |
| 49, 54, 55, 58 | |
| Needles, Phono | 91, 92 |
| Needles, Recording | 92 |
| Neon Glow Lamp | 159 |
| Neutralizing Adapters | 104 |
| Neutralizing Tool | 105 |

| | |
|-----------------------------|------------|
| Article | Page |
| Noise Eliminators | |
| Line | 39 |
| Noise Reducing Aerials | 162-163 |
| Nuts, Washer, Assortment | 155 |
| - O - | |
| Ohm Indicators | 130, 133 |
| Ohmmeters | 93, 95, 96 |
| Oscillators | 46 |
| 55, 93, 94, 96, 98, 99, 100 | |
| Oscilloscope | 55 |
| Oscillograph | 99 |
| Output, Meters | 100, 101 |

| | |
|---------------------------------|-------------------------------------|
| - P - | |
| Panels | 51, 150 |
| Aluminum, Bakelite, Hard Rubber | 150 |
| Cutters, Circular | 171 |
| Engraving | 150 |
| Paste, Soldering | 167 |
| Pendant, Luminous | 168 |
| Phone Cords | 157 |
| Phone Plugs | 137 |
| Phone Tips | 154 |
| Phonograph | |
| Adapters, Dual Speed | 91 |
| Faders | 143 |
| Motors | 47, 80 |
| Automatic Stop | 80 |
| Pick-Ups | 47, 90, 91 |
| Pick-Up Coils | 45, 47 |
| Pick-Up Heads | 47 |
| Radio Combination | |
| 15, 18 | |
| Reproducers | 45, 47 |
| Springs | 47 |
| Switches | 45 |
| Volume Controls | 143 |
| Photo-Cells | 99 |
| Photophone Amplifiers | 38 |
| Pigtail Resistors | 37, 130, 131, 132 |
| Pilot Light Brackets | |
| 151, 155 | |
| Pliers | 176 |
| Plug-in Coils | 53, 54 |
| Plugs | |
| Analyzer | 103, 104 |
| Armored | 37, 169 |
| Attachment | 169 |
| Cable | 89, 103 |
| Jack | 88 |
| Microphone | 89 |
| Multiple | 89 |
| Phone | 137, 157 |
| Speaker | 37 |
| Test | 103, 154 |
| Tip | 154 |
| Receptacles | 37, 89 |
| Portable Phonographs | 91 |
| Posts, Binding | 102, 152, 154 |
| Potentiometers | 137-145 |
| Power Amplifiers | 38, 70-74, 76 |
| Power Supplies | 42, 50, 51, 55, 58, 88 |
| Power Transformers | 39, 43, 44, 46, 59, 109-114 |
| Trustest | 109, 114 |
| Practice Sets | 55, 62 |
| Pre-Selectors | 42, 54 |
| Prods, Test | 105, 154 |
| Public Address | |
| Amplifiers | 70-74, 76 |
| Complete Systems | 73-75, 77, 78 |
| Equipment | 81, 82, 87, 101, 115, 116, 139, 142 |
| Portable Systems | 75 |
| Push Buttons | 153, 168, 169 |
| Tuners | 80 |
| Quartz Crystals | 62, 67 |

| | |
|-------------------------|----------------|
| - R - | |
| Racks and Panels | 51, 55 |
| Radio | |
| Auto | 23 |
| Knobs | 148 |
| Outlets | 36, 38 |
| Phono, Combination | |
| 15, 18 | |
| Receiver, Kits | 24, 25, 41, 52 |
| Receivers | 4-9, 12-25, 28 |
| Tubes | 29-32, 66, 67 |
| R. C. A. Parts | 46, 47, 122 |

| | |
|---------------------------------------|--------------------------------|
| Article | Page |
| Photophone Amplifier | 38 |
| Remote Control | 36 |
| Speaker Cones | 85 |
| Receivers | |
| Battery | 19, 28, 36, 52, 54, 157 |
| Chassis | 9, 14, 18 |
| Consoles | 9, 14, 15, 18, 19 |
| Mantel | 6-9, 12-14, 19, 20, 28 |
| Midget | 4, 5, 20, 21 |
| Portable | 4, 5, 20, 21, 52 |
| Short Wave | 52, 53, 54, 55, 58 |
| Receptacles | 37, 38, 168, 169 |
| Record Changers, Phonograph | 46, 90, 176 |
| Recording | |
| Blanks | 92 |
| Needles | 92 |
| Outfits, Home | 92 |
| Rectifiers, Metallic | 159 |
| Rectifier, Meters | 102 |
| REFRIGERATOR REPLACEMENT PARTS | 177-186 |
| Regulators, Voltage, Auto | 159, 175 |
| Regulators, Line | 159 |
| Relays | 37, 59, 62, 99 |
| Remote Control | |
| RCA | 36 |
| Remote Control, Auto | 46, 175 |
| Resistor Indicator | 130, 133 |
| Resistors | 37, 130-133 |
| Carbon | 37, 130, 131, 132 |
| Center Tap | 134, 136 |
| Filament | 134, 136, 137 |
| Grid | 61, 137 |
| Kits | 130, 132 |
| Meter Shunts and Multipliers | 102 |
| Transmitting | 61, 131 |
| Trustest Carbon | 132 |
| Variables | 131, 133, 136 |
| Vitreous, Adjustable | 133 |
| Wire Wound | 37, 61, 101, 102, 131, 133-137 |
| R. F. Chokes | 149 |
| R. F. Coils | 37-45, 147 |
| Rheostats | 40, 61, 137, 142, 143 |
| Rotary Converters | 42, 91 |
| Rules | 171, 176 |

| | |
|-----------------------------|--|
| - S - | |
| Sand Paper | 37 |
| Saws | 170, 173 |
| Scratch Remover | 37 |
| Scales, Bathroom | 187 |
| Scratch Filters | 91 |
| Screw Eyes | 161 |
| Screws | 155 |
| Screw Drivers | 171, 176 |
| Serviceman's Tool Sets | 105, 170 |
| Sets, Radio | 4-9, 12-23, 28, 157 |
| Set Testers and Analyzers | 46-55, 93, 94, 96, 98, 99, 100, 104, 128, 129, 130 |
| Shaft Couplings | 56, 64, 148, 150 |
| Shaft Extenders | 137 |
| Shielded Auto Radio | |
| Cable | 163, 166 |
| Shielded Microphone | |
| Cable | 89 |
| Shielded Loom | 165 |
| Shielding | 166 |
| Shielding Cans | 53, 64, 150 |
| Shipping Information | 66 |
| Short Wave Condensers | 128, 148 |
| Short Wave Receivers | 52, 54, 55 |
| Short Wave Coils | 53-56, 68 |
| Short Wave Converters | 49, 58 |
| Short Wave Switches | 53, 163 |
| Shunts, Meter | 101, 102 |

| | |
|------------------------------|---|
| Article | Page |
| Sockets | 40, 56, 103, 152, 168, 169 |
| Radio Tube | 40, 56, 103, 152 |
| Socket Wrenches | 105, 172 |
| Solder | 167 |
| Solder Paste | 167 |
| Soldering Irons | 167 |
| Soldering Lugs | 154, 155 |
| Spaghetti Tubing | 164 |
| Spark Plug Suppressors | 175 |
| Speakers | 36, 38, 42, 43, 81, 82, 83, 84 |
| Speaker Accessories | 37, 38, 46, 81, 82, 83, 85, 157 |
| Speaker Baffles | 81, 82 |
| Speaker Cabinet | 82 |
| Speaker Cones | 43, 44, 85 |
| Speaker Filters | 37 |
| Speaker Units | 38, 81 |
| Special Bargains | 35-42 |
| Sprayers | 173 |
| Springs, Antenna | 160 |
| Springs, Microphone | 89 |
| Stands, Microphone | 87 |
| Stand-Off Insulators | 56, 68 |
| Staples, Insulated | 168 |
| Step-Down Transformers | 112 |
| Storage Batteries | 156 |
| Strips, Lead-In | 161, 166 |
| Suppressors, Ignition | 175 |
| Switches | |
| Analyzer | 153 |
| Anti Capacity | 153 |
| Electrical | 40, 153, 168, 169 |
| Bi-Polar | 153 |
| Jack | 137, 153 |
| Knife | 153, 168 |
| Rotary | 40, 153, 168 |
| Momentary | 153 |
| Push Button | 153 |
| Plates | 168 |
| Set Analyzer | 153 |
| Short Wave | 153 |
| Toggle | 40, 153 |
| Tap, twin | 169 |
| Telephones | 191 |
| Terminal Clips | 154 |
| Test Leads | 105 |
| Test Prods | 105, 154 |
| Testers and Analyzers | 39, 46, 55, 93, 94, 96, 98, 99, 100, 104, 128, 129, 130 |
| Theatre Equipment | 76 |
| Thermostats | 62 |
| Tip Jacks | 137, 152, 154 |
| Tip Plugs | 137, 154 |
| Tips, Phone | 154 |
| Tone Controls | 39, 43, 44, 144, 145 |
| Tool Boxes | 173 |
| Tools | 105, 164, 170-173 |
| Tools, Neutralizing | 105 |
| Torches, Blow | 167 |
| Toys | 189-191 |
| Automobiles | 189 |
| Chercraft | 191 |
| Dolls | 190 |
| Erector | 190 |
| Lionel | 3rd Cover |
| Sewing Machines | 189 |
| Transceivers | 50, 51, 52, 58 |
| Transformers | 109, 118, 120, 169 |
| Amplifier Transf. | 114 |
| Audio | 39, 42-45, 58, 59, 115-118, 120 |
| Bell Ringing | 169 |
| Filament | 59, 60 |
| General Replacement | 110, 111, 113 |
| I. F. | 37, 39, 43, 45, 47, 55, 64, 147 |
| Microphone | 115-117, 120 |
| Mixing-Matching | 45, 47, 88, 115, 116, 118 |
| Power | 39, 43, 44, 46, 59, 109, 110, 111, 113 |
| Step Down | 112 |
| Transmitting | 58-60, 117, 120 |
| Vibrator | 174 |
| Universal Power | 114 |
| Transposition Blocks | 56, 162, 163 |

| | |
|------------------------------|---|
| - T - | |
| Tap, twin | 169 |
| Telephones | 191 |
| Terminal Clips | 154 |
| Test Leads | 105 |
| Test Prods | 105, 154 |
| Testers and Analyzers | 39, 46, 55, 93, 94, 96, 98, 99, 100, 104, 128, 129, 130 |
| Theatre Equipment | 76 |
| Thermostats | 62 |
| Tip Jacks | 137, 152, 154 |
| Tip Plugs | 137, 154 |
| Tips, Phone | 154 |
| Tone Controls | 39, 43, 44, 144, 145 |
| Tool Boxes | 173 |
| Tools | 105, 164, 170-173 |
| Tools, Neutralizing | 105 |
| Torches, Blow | 167 |
| Toys | 189-191 |
| Automobiles | 189 |
| Chercraft | 191 |
| Dolls | 190 |
| Erector | 190 |
| Lionel | 3rd Cover |
| Sewing Machines | 189 |
| Transceivers | 50, 51, 52, 58 |
| Transformers | 109, 118, 120, 169 |
| Amplifier Transf. | 114 |
| Audio | 39, 42-45, 58, 59, 115-118, 120 |
| Bell Ringing | 169 |
| Filament | 59, 60 |
| General Replacement | 110, 111, 113 |
| I. F. | 37, 39, 43, 45, 47, 55, 64, 147 |
| Microphone | 115-117, 120 |
| Mixing-Matching | 45, 47, 88, 115, 116, 118 |
| Power | 39, 43, 44, 46, 59, 109, 110, 111, 113 |
| Step Down | 112 |
| Transmitting | 58-60, 117, 120 |
| Vibrator | 174 |
| Universal Power | 114 |
| Transposition Blocks | 56, 162, 163 |

| | |
|-------------------------|-------------------------------------|
| - U - | |
| Units, Magnetic Speaker | 38 |
| Units, Racon | 81 |
| Uni-Cells | 168 |
| - V - | |
| Variable Condensers | 44, 45, 56, 57, 58, 63, 64 |
| Vibrators | 174, 175 |
| Victor-R. C. A. | |
| Electric Pickups | 47 |
| 250 Amplifier | 38 |
| Records | 91 |
| Speakers | 46 |
| Speaker Plugs | 37 |
| Voltage Dividers | 39, 40, 43, 131, 133, 134, 135, 136 |
| Variable | 131, 133, 136 |
| Voltage Regulators | 159, 175 |
| Volt-Ohmmeters | 100, 101, 130 |
| Volume Controls | 39, 43, 44, 137-145 |
| Controls, R.C.A. | 144 |
| Replacement | 138-144 |

| | |
|-----------------|-------------------------|
| - W - | |
| Wall Outlets | 137 |
| Washers | 155 |
| Wire | |
| Aerial | 160, 161, 163, 164, 166 |
| Armored Cable | 165 |
| Asbestos | 165 |
| Auto Radio | 163, 165, 166 |
| Bell | 164 |
| Bus | 164 |
| Filament | 164, 165 |
| Fixture | 165 |
| Hook-up | 164, 166 |
| Magnet | 164, 165 |
| Lead-in | 163, 166 |
| Parallel | 165 |
| Re-inforced | 165 |
| Shielded | 163 |
| Shielding | 166 |
| Twisted | 163, 165, 166 |
| Work Bench | 173 |
| Wrenches | 105, 172 |

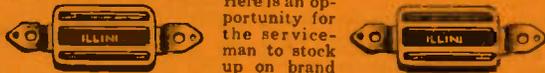
BARGAINS

QUANTITY LIMITED



LOW PRICES

SANGAMO "Illini" Mica Condensers



Here is an opportunity for the serviceman to stock up on brand new, high

quality mica condensers at prices far below the present market quotations. These Sangamo condensers are constructed with the finest ruby mica, and are housed in moulded bakelite cases. All units have capacities marked on them. Although this company has purchased a large quantity, they will not last long at the prices shown below. Consult listing for available sizes.

| Stock No. | Cap'y Mfd. | Your Cost Each | Stock No. | Cap'y Mfd. | Your Cost Each |
|-----------|------------|----------------|-----------|------------|----------------|
| XD4176 | .001 | 5 ^c | XD4173 | .0005 | 4 ^c |
| XD4177 | .002 | | XD4180 | .00005 | |
| XD4171 | .003 | | XD4174 | .0009 | |
| XD4170 | .000125 | 3 ^c | XD4175 | .00002 | 3 ^c |
| XD4172 | .00045 | | | | |

SPECIAL KIT—12 UNITS

Contains the following:
 3—.001 2—.000125 1—.0009
 1—.002 1—.00045 1—.00002
 1—.003 1—.0005 1—.00005
XD4166—Kit of 12
Your Cost, Special 40^c

SPECIAL KIT—25 UNITS

Contains the following:
 6—.001 4—.000125 2—.0009
 2—.002 2—.00045 2—.00002
 2—.003 2—.0005 3—.00005
XD4167—Kit of 25
Your Cost, Special 79^c

SPECIAL KIT—50 UNITS

Contains the following:
 7—.001 8—.000125 4—.0009
 4—.002 5—.00045 5—.00002
 4—.003 8—.0005 5—.00005
XD4168—Kit of 50
Your Cost, Special \$1.49

SPECIAL KIT—100 UNITS

Contains the following:
 24—.001 16—.000125 8—.0009
 8—.002 8—.00045 10—.00002
 8—.003 8—.0005 10—.00005
XD4169—Kit of 100
Your Cost, Special \$2.95

MERSHON WET ELECTROLYTIC FILTER CONDENSERS



Once again, through a fortunate purchase, Wholesale Radio Service Co. is offering quality merchandise to the serviceman at unbeatable prices. Manufactured by one of the largest companies in the field, each unit is accurately designed, conservatively rated and sturdily built. The stud mounting condensers are furnished complete with lockwasher and nut; the clamp mounting condensers are equipped with the proper clamp for mounting on chassis. Consult listing below for type desired.



Clamp Mounting Condensers

| Stock No. | Cap'y Mfd. | Wkg. Volt. | Your Cost | Stock No. | Cap'y Mfd. | Wkg. Volt. | Your Cost |
|-----------|------------|------------|-----------------|-----------------|------------|------------|-----------------|
| XD2689 | 4 | 450 | 19 ^c | XD2693 | 8 | 430 | 22 ^c |
| XD2690 | 6 | 425 | | XD2694 | 8 | 450 | |
| XD2691 | 6 | 450 | | 24 ^c | XD2696 | 10 | 430 |
| XD2692 | 7 | 450 | | | XD2698 | 25 | 200 |
| XD2695 | 8 | 200 | | | | | |

Stud Mounting Condensers

| Stock No. | Cap'y Mfd. | Wkg. Volt. | Your Cost | Stock No. | Cap'y Mfd. | Wkg. Volt. | Your Cost |
|-----------|------------|------------|-----------------|-----------------|------------|------------|-----------------|
| XD2713 | 4 | 430 | 19 ^c | XD2688 | 8 | 460 | 22 ^c |
| XD2685 | 4 | 450 | | XD2712 | 10 | 460 | |
| XD2686 | 6 | 450 | | 27 ^c | XD2681 | 16 | 460 |
| XD2687 | 7 | 440 | | | | | |



3 Mfd. 300 Volt Condenser

The original Victor Part No. DL-2961390, used in models RE-45 and RE-75. Metal container, size 2 1/2 x 5 x 3/4". Has flexible leads. Mounting bracket. Shpg. wt. 2 lbs.



XB487—
Each 25^c

AEROVOX Triple .1 Condenser



In metal case, with lugs for mounting. Made especially for General Motors, G. M. part No. 1200473. (Model A chassis.) Connections brought out to solder lugs. Can common negative.

300 volts D. C. working.
XD3992—List 85c
Your Cost Each 25^c

AEROVOX Type 1460 Mica



A popular size mica condenser employing fine ruby mica dielectric. Quantity limited.

| Stock No. | Cap'y Mfd. | List Price | Your Cost |
|-----------|------------|------------|-----------|
| XD3811 | .001 | \$0.25 | \$0.10 |
| XD3813 | .002 | .35 | .14 |
| XD3815 | .003 | .40 | .15 |
| XD4183 | .00025 | .20 | .08 |
| XD3810 | .0005 | .20 | .08 |

SPRAGUE .05

By-Pass



Bathtub type. 200 volts D. C.
XD3147—
Your Cost Each 9^c

RCA .05 By-Pass

400 volts D. C. Tinned ribbon leads.
XD3284—
Each 8^c

SPECIAL VALUES IN DRY ELECTROLYTICS

Round Inverted Metal Can—500 Volts Peak



These single and dual section electrolytics, contained in cylindrical aluminum cans. Fit 1/4" hole, and are furnished with hex nut and lockwasher. All conservatively rated, working voltage 450 v. D. C.

| Stock No. | Cap'y Mfd. | L | Size Dia. | Your Cost |
|-----------|------------|--------|-----------|-----------|
| XD3104 | 4 | 2 1/2" | 1 1/2" | \$0.31 |
| XD3105 | 6 | 4 1/2" | 1 1/2" | .34 |
| XD3106 | 8 | 4 1/2" | 1 1/2" | .36 |
| XD3107 | 4-4 | 4 1/2" | 1 1/2" | .59 |
| XD3108 | 8-8 | 4 1/2" | 1 1/2" | .79 |

These dry electrolytic condensers are all high grade, first quality units. At the exceptionally low prices at which they are being offered, it is imperative that you order now. Quantities limited.

Cardboard Type With Mounting Flanges



These units are contained in tough fibre cardboard housings and provided with mounting tabs at either end. When clamp mounting is desired, these tabs may be cut off without breaking the cardboard housing. Low in price, efficient for replacement work of all kinds. All capacities are conservatively rated, and will remain constant over a wide range of frequencies and voltages.

desired, these tabs may be cut off without breaking the cardboard housing. Low in price, efficient for replacement work of all kinds. All capacities are conservatively rated, and will remain constant over a wide range of frequencies and voltages.

| Stock No. | Cap'y Mfd. | Peak Volts | Size Inches L | W | D | Your Cost |
|-----------|------------|------------|---------------|--------|--------|-----------|
| XD3115 | 4 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | \$0.27 |
| XD3116 | 8 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | .29 |
| XD3117 | 4-4-4 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | .85 |
| XD3118 | 8-3 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | .68 |
| XD3119 | 8-8-8 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | .92 |
| XD3120* | 8-3 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | .85 |
| XD3121* | 8-8-8 | 500 | 4 1/2" | 1 1/2" | 1 1/2" | 1.19 |
| XD3125 | 50 | 25 | 4 1/2" | 1 1/2" | 1 1/2" | .39 |

* Rectangular Metal Can Units.

Round Upright Metal Can Units—500 V Peak

Mounted in cylindrical aluminum containers and provided with solder lug terminals. Will fit standard ring mountings. Peak voltage 500 volt D. C.; working voltage 450 volt D. C.



| Stock No. | Cap'y Mfd. | Size L | Dia. | Your Cost |
|-----------|------------|--------|--------|-----------|
| XD3127 | 8 | 4 1/2" | 1 1/2" | \$0.36 |
| XD3128 | 4-4 | 4 1/2" | 1 1/2" | .64 |
| XD3129 | 8-8 | 4 1/2" | 1 1/2" | .79 |
| XD3126 | 5-15 | 4 1/2" | 2 1/2" | .85 |
| XD3130 | 4-4-4 | 4 1/2" | 2 1/2" | .95 |
| XD3131 | 8-8-8 | 4 1/2" | 3" | 1.25 |
| XD3132 | 8-8-8-8 | 4 1/2" | 3" | 1.45 |
| XD3133 | 9-9-18 | 4 1/2" | 3 1/2" | 1.45 |
| XD3134 | 8-8-18-18 | 4 1/2" | 3 1/2" | 1.98 |

Compact Rectangular Units in Cartons

In cardboard cartons only 2 1/4" long. Popular for use in A. C.-D. C. Midgets where space is limited.



| Stock No. | Cap'y Mfd. | Peak Volts | Size Inches W | H | Your Cost |
|-----------|------------|------------|---------------|--------|-----------|
| XD3109† | 2 | 500 | 3 1/2" | 1 1/2" | \$0.22 |
| XD3110† | 4 | 500 | 1 1/2" | 1 1/2" | .26 |
| XD3111† | 8 | 500 | 1 1/2" | 1 1/2" | .29 |
| XD3112* | 4-4 | 200 | 1 1/2" | 1 1/2" | .45 |
| XD3113* | 8-8 | 200 | 1 1/2" | 1 1/2" | .54 |
| XD3114* | 5-5 | 50 | 1 1/2" | 1 1/2" | .29 |

† With lugs. * W th 6" leads.

Replacement Part Headquarters for Dealers and Service Men

Bargains

QUANTITY LIMITED

Speaker Plaque



Beautiful matched walnut speaker plaque with caned metal grill. 15 1/4" long, 13 3/4" wide. Speaker opening 10 3/4" diameter. Shpg. wt. 5 lbs.

XY19996—
Your Cost **39¢**
Special

G.M. Antenna or Master Coupler. Type 1053

For use with twisted pair transmission lines. Matches antenna to line impedances. Permits use of more than one receiver on a single antenna. To be used with antenna coupler listed below. Equipped with bracket for mounting to mast. When installed properly, these units will eliminate from 60 to 90% of the objectionable local interference. Shpg. wt. 2 lbs.



XY16177—
Your Cost Special **\$1.29**

G.M. Wall Type Set Coupler

For coupling any type receiver to a twisted pair transmission line. May be used with or without the antenna coupler listed above, but better results will be obtained when both are used. More than one antenna coupler may be used on a single aerial if desired so that several sets can be operated at a time. When properly installed, at the same time that all the other electrical wiring is done, this unit becomes a permanent part of the antenna installation. Shpg. wt. 1 lb.

XY16178—
Your Cost Special **75¢**



Genuine Radiola 28 Only \$4.95

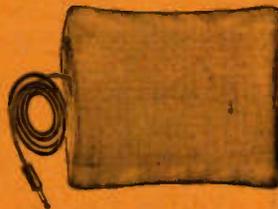
Here is a value you can seldom duplicate! One of the finest battery operated receivers ever built, a real superheterodyne using a loop aerial and requiring no other aerial, at a price that amounts to practically giving them away! Wherever a receiver is to be operated from batteries—on the farm—in the camp—at the shore—etc., this receiver is ideally suited. Quantity is very limited so place your order today! Shpg. wt. 120 lbs.

XY22128—
Less Tubes and Batteries
Your Cost **\$4.95**
Special

XY22129— Complete Set of Tubes for the above. Your Cost **\$3.25**

XY22130— Complete set of batteries, 2—45 V. "B," 3—22 1/2 V. "C," 12—1 1/2 V. "A." Shpg. wt. 57 lbs.
Your Cost **\$5.93**

Pillow Speaker



A comfortable sanitary sponge rubber pillow with a speaker unit inside of it. Especially designed for hospitals, sick rooms, etc., where one individual can listen to a radio yet not disturb anyone else. With 8 ft. waterproof cord and plug, pillowcase and speaker unit. Size 15x12". Shpg. wt. 10 lbs.

XW19176—
Your Cost Special **\$3.95**

Combination Radio Wall Outlet

Provides outlets for aerial and ground in addition to an A.C. outlet with an individual switch for the A.C. Attractive bronze wall plate will fit standard "gem" box. Complete with tip plugs. Shpg. wt. 1 lb.



XM13221—
Your Cost Special **69¢**

Mantel Cabinet



Beautiful curved top cabinet of contrasting walnut veneers illustrated at the left. Drilled for chassis as illustrated. Built-in baffle. Overall dimensions: 17 1/2" wide, 17" high, 8 1/4" deep. Shpg. wt. 20 lbs.

XY19993—
Your Cost Special

\$1.25

Beautifully polished hardwood Mantel Cabinet of matched grain veneers. Attractive modernistic speaker grill. Cut and drilled for receiver chassis as illustrated. Cabinet dimensions: 13 1/2"x10x15". Shpg. wt. 16 lbs.

XY19992—
Your Cost, Special

\$2.95

Midget Cabinet

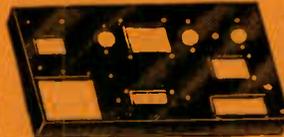


A cabinet usually used for A.C.-D.C. sets. 11" long, 7 1/4" high, 5 3/4" deep. Drilled as shown or blank. Shpg. wt. 4 lbs.

XY19995— Drilled
Your Cost **\$1.75**

XY19996— Blank
Your Cost **\$1.95**

Metal Chassis

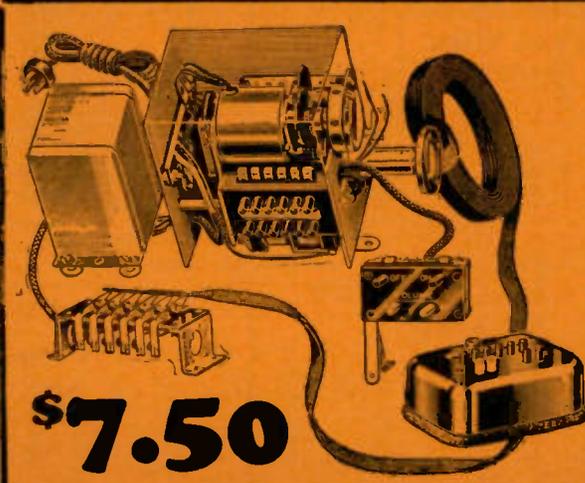


Heavy steel painted green. Size 16 1/2"x9x1 1/4". Shpg. wt. 4 lbs.

XM12885—
Your Cost **15¢**

TUNE ANY RADIO from a DISTANT POINT

Genuine Victor Remote Control formerly \$12.50 **NOW \$7.50**



\$7.50

This control automatically tunes your receiver to any desired station merely at the touch of a button on the Remote Control box. It will turn it on or off—increase or decrease the volume as you desire quickly and easily. Can be installed on most makes of receivers. Engineered and built by Westinghouse for its own receivers, it can be used as a replacement unit in addition to being installed in new receivers. It is supplied complete with 25 ft. of cable attached to the control box—more can be added up to 60 ft. if desired.

A Profit Maker for the Serviceman

Servicemen, this unit can make money for you if you present it properly. Your customer will quickly see the advantages this unit offers him and you make a nice profit both on the sale of the unit and on the installation charges. Write for your copy of our free folder describing this unit in detail. Shpg. wt. 20 lbs.

XY19498— For sets with vertical condensers
XY19425— For sets with horizontal condensers
Your Cost, Either Type **\$7.50**

Control Box Only

We have a quantity of the Remote Control Boxes available for those desiring to add additional control points to present installations or to replace defective boxes.

They may also be used as multiple push buttons on executives' desks, etc., for call systems. A total of ten buttons are available, six of which are equipped with name plates, the other four having individually colored buttons. Shpg. wt. 5 lbs.

XY19744— Control Box Only
Your Cost, Special

\$3.95

BARGAINS!

QUANTITY LIMITED

Detector and Oscillator Coil



The genuine RCA Coil used in Models 80, 82, 86 and RA68. An inductively coupled detector and oscillator coil wound on a bakelite tube. Made to track with a 15-70 mmf. Padding condenser.

XH10131—Your Cost Each..... 49¢

VICTOR R.F. Coil

For Models: R32, RE45, R52, RE75, RE54, RE56
The original Victor R.F. Coil, Part No. 10448, used in the above model receivers. For 1st, 3rd and 4th R.F. stages. Wound on a bakelite tube 2 3/4" long, 1 1/2" in diameter. Shpg. wt. 1 lb.



XH10054—Your Cost Each..... 19¢

Preselector Coil

Consists of three windings on one bakelite tube. Has antenna primary and two loosely coupled secondaries. Used on Radiola Models 80, 82, 86 and the corresponding General Electric, Westinghouse and Graybar Models. Shpg. wt. 2 lbs.



XH10130—Your Cost..... 25¢

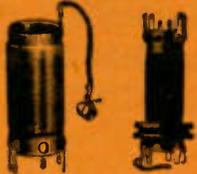
VICTOR Antenna Choke

Models R32, RE45, R52, RE75
Replacement Part No. 10444, for the above models. Consists of 150 turns of No. 34 wire, wound on a wooden spool.



XH10122—Your Cost Each..... 10¢
Per Dozen..... \$1.00

CROSLY Coils



Genuine Crosley replacement antenna and R.F. parts. Can be used for other sets.

Your choice of any of the following coils. Each..... 7¢

- Shpg. wt., any coil, 1 lb.
- Models 20, 21 and 22**
XC1855—R.F. Coil No. 6435.
- Model 804 Jewel Box**
XC1859—R.F. Coil No. 6762.
- Models 53, 54, 57, 77 and 91**
XC1862—Antenna Coil No. 20444.
- Model 401 Bandbox Jr.**
XC1861—Antenna or R.F. Coil No. 4201.
- Models 602, 704, 704A, 704B**
XC1860—R.F. Coil No. 4365.
- Models 609 and 610 Gembox**
XC1864—R.F. Coil No. 5872.

VICTOR R.F. Coils

Originally used in Victor Models RE35, 39 and 57. Part No. 10817 is the antenna or link coil. Part No. 10830 is the second R.F. coil coupling 2-screen grid R.F. tubes. These coils can also be used in other receivers for this purpose.



XH10107—Part No. 10817. Your Cost Each..... 29¢
XH10109—Part No. 10830. Your Cost Each..... 35¢



1 1/2 C Each

Carbon Resistors

A very fortunate purchase enables us to offer these reliable Carbon Resistors at unbelievable low price. Only ohmages listed below, available at these bargain prices. Better order at once.

1/2 Watt
Resistance in Ohms
40,000 45,000 65,000
XE5103—Your Cost Any Size Each 1 1/2¢
12 for..... 15c Per 100..... 98c

1 Watt
Resistance in Ohms
500 1500 2 Meg.
1000 1 Meg. 2 1/2 Meg.
1200 1 1/2 Meg. 3 Meg.
XE5100—Your Cost Any Size Each 1 1/2¢
12 for..... 15c Per 100..... 98c

2 Watt
Resistance in Ohms
17,000 30,000 50,000
20,000 40,000 60,000
25,000 45,000 75,000
XE5050—Your Cost Any Size Each 3¢
6 for..... 15c 12 for..... 25c

Sandpaper

A handy package of sandpaper in assorted grits. 20 sheets to a package. Shpg. wt. 1 lb.



XP15563—Your Cost..... 9¢

Emery and Aluminum Oxidized Cloth
Six sheets of assorted grits in a handy household package. Excellent for polishing rusted metals, etc. Shpg. wt. 1 lb.

Genuine AEROVOX Carbon Resistors



1 Watt in the following sizes:

| Ohms | Ohms | Ohms |
|---------|---------|------------|
| 40,000 | 140,000 | 450,000 |
| 50,000 | 150,000 | 500,000 |
| 55,000 | 160,000 | 750,000 |
| 60,000 | 180,000 | 1,000,000 |
| 72,000 | 200,000 | 1,250,000 |
| 75,000 | 225,000 | 1,500,000 |
| 88,000 | 250,000 | 2,000,000 |
| 93,000 | 260,000 | 2,500,000 |
| 100,000 | 300,000 | 3,500,000 |
| 120,000 | 350,000 | 5,000,000 |
| 130,000 | 400,000 | 10,000,000 |

XY20199—Any Size Your Cost Each..... 5¢
Per Doz..... 50c

5000 Ohm 10 Watt Resistor



Vitreous enameled resistors. Tinned lugs.
XE4891—Your Cost..... 10¢

Full Vision Dial



5 1/2" high, 3 1/2" wide. For 3/4" shaft. Knob shaft. Celluloid scale 100-0 counter-clockwise. Shpg. wt. 1 lb.

XH9816—With Escutcheon Your Cost Each..... 49¢

Genuine Tungar Charger



Special \$9.95

Genuine GE Tungar 12 Ampere Charger. Will charge 2 to 4 6-volt batteries simultaneously. Uses two 6 ampere bulbs. Pressed steel case finished in green lacquer. Westinghouse meter. Shpg. wt. 38 lbs. List \$120.00

XP15696—Charger less bulbs. Your Cost Special..... \$9.95
XZ21904—Six ampere GE Tungar Bulb. Your Cost Special..... \$5.45

Rods and Tubing



XM13160—Hard Rubber Rod
1/2" per ft..... \$0.25
3/4" per ft..... .35
1" per ft..... .58
XM13161—Bakelite Tubing
1/2" per ft..... .12
3/4" per ft..... .18

YAXLEY Relays



Series type to be used in series with feed line of some instrument in order to turn on an auxiliary circuit. Will close with current as small as 60 Ma. but will

carry up to 2 1/2 amps, making it suitable for turning on "B" supplies when used in series with auto receivers. Multiple type is to be connected across 6-8 V. line. Contacts will carry 100 watts at low voltage. Shpg. wt. 3 lbs.

XF6418—Series Type Your Cost Special..... 75¢
XF6419—Multiple Type Your Cost Special..... 95¢

Handy Scratch Remover



For removing mars and scratches from furniture. Just a touch of the stain with the brush and the blemish disappears. With reasonable care, the Handy Scratch Remover will last for years. Finished in durable

container. Shpg. wt. 1 lb.
XP15520—Your Cost Each..... 27¢

RCA Intermediates



Radiolas 60, 62, 64, and 66 Here is genuine "I.F." Transformer for the Radiola Models, each has been peaked at its correct frequency at the RCA factory. Shpg. wt. 8 oz.

For Radiola Models 60, 62, 64 1st, 2nd 3rd, "I.F." Transformer. (RCA No. 8342.)
XC2164—Your Cost \$1.19
Each.....

For Model 66 1st and 2nd "I.F." Transformer. (RCA No. 8481.)
XC2165—Your Cost \$1.25
Each.....

3rd "I.F." Transformer. (RCA No. 8482.)
XC2166—Your Cost \$1.69
Each.....

For Model 67 1st Intermediate Stage. (RCA 8481.)
XC2165—Your Cost \$1.25
Each.....

3rd Intermediate Stage. (RCA 8500.)
XC2162—Your Cost \$1.69
Each.....

VICTOR Speaker Plug



Used on the Victor speaker, for Set Models R-32, RE-45, R-52, RE-75. Heavy plated contact prongs, molded in genuine bakelite. Equipped with a metal guard. Shpg. wt. 8 oz.

XW19223—Your Cost Each..... 9¢

VICTOR Female Receptacle



Used on the Victor amplifier, for Models R-32, RE-45, R-52, RE-75. Equipped with sixteen heavy duty plated positive contact springs. Genuine molded bakelite form. Four isolated contact springs for use of speaker. Other twelve springs are for plate and filament voltages for receiver.

XW19222—Your Cost..... 45¢

RADIOLA Speaker Filter

RCA Part No. 5853 designed to emphasize the high notes in Model 100B and 103 speakers.

XW19454—Your Cost..... 20¢



Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.



AMPLIFIERS and SPEAKERS

---priced for immediate clearance
QUANTITY LIMITED

Single 250 Photophone Amplifier and Speaker



An amazingly powerful single 250 Amplifier designed and built to exacting standards by RCA-Victor. A single 26 feeds a single 250 tube in a carefully designed circuit that assures an excellent frequency response throughout the tonal range. Plate current for the tubes and the field of the 105 RCA-Photophone Dynamic Speaker is supplied by a pair of 281 tubes in a full wave rectifying circuit. An undistorted output of 5 watts is sufficient for gatherings of from 500 to 1000 persons. An excellent amplifier for public address systems and phonograph pick-up reproduction. RCA Model AP-736 (SPU 24). The amplifier is so arranged that connection can be made to the output of the first stage if desired. An input transformer is part of the amplifier and will match a low impedance pick-up or can be attached to the output of a tuner. Shpg. wt. 66 lbs.
XP15732—Single 250 Amplifier only, less \$8.45
 speaker and tubes.
Your Cost

THORDARSON "250" Amplifier and Self-Contained "B" Supply



It can be used as a public address amplifier for small installations; it can be used to electrify old battery sets or to modernize obsolete electric sets; it is ideal for use as a phonograph amplifier or for a replacement power pack. The circuit employs 1-27, 1-50 and 2-81 tubes. The 27 is transformer coupled to the 50 tube with a resultant power output of 4.5 watts. The 2-81's, in a full wave rectifier circuit, provide ample plate current. Provision is made in the amplifier to supply the necessary field excitation for any 2500 ohm D. C. speaker.
 All connections are brought out to a terminal board mounted over the power transformer. These taps are in the form of screw terminals for solderless connections. Voltage taps are at 150, 135, 112, 90, 67 and 45 volts.
 Other features include a pressed steel chassis; oversized parts conservatively rated to withstand great overloads; a safety switch protective line fuse. A 4 and a 5 prong adapter are supplied for easy connection to the detector circuit of any tuner. Full instructions included. Shpg. wt. 25 lbs.
XP15750—Thordarson Model T-3715 Amplifier. \$6.95
 List Price \$89.50
Your Cost Special

SPARTON Replacement Speaker

A new improved speaker designed for replacing the old speakers in Sparton receivers. Greatly improve the performance of these sets. Can also be used in other receivers or with amplifiers. D.C. field has a resistance of 5000 ohms. Voice coil impedance is 8-12 ohms. Cone diameter 8 3/4". Shpg. wt. 11 lbs.
XW19399—Your Cost Special \$2.25



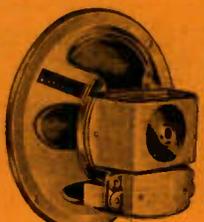
C-H Radio Outlet

Can be used as aerial and ground outlet or as speaker outlet. Standard equipment in many apartment houses, hotels, etc. Plate of brass in brushed finish. Jack nicked finish. Fits standard outlet box. Shpg. wt. 1 lb.
XM13232—Your Cost Special \$10



Genuine Magnavox Speakers 8" Models

The ideal speaker for the set builder. All original Magnavox and brand new and guaranteed. Diameter 8". Various field resistances and transformers as listed below. Shpg. wt. 7 lbs.
650 Ohm Field XW19377—P.P. Pentode.
XW19378—Parallel Pentode.
XW19379—P.P. 45, 50, 71A.
XW19380—P.P. 46 Class B, 1000 Ohm Field
XW19366—P.P. 45, 50, 71A.
XW19384—P.P. 46 Class B.
XW19381—P.P. Pentode, 2000 Ohm Field
XW19382—Single Pentode.
XW19383—Parallel Pentode, 2300 Ohm Field
XW19385—P.P. 45, 50, 71A.
XW19386—P.P. 46 Class B, 2500 Ohm Field
XW19368—P.P. 45, 50, 71A.
XW19387—P.P. 46 Class B.
Your Cost Special, Any of the Above Types. \$2.75



CLARION 6 1/2" Dynamic Speaker

The genuine Clarion speaker used in the Model 220 receivers. Can also be used in other receivers. Has 1500 ohm field and a voice coil impedance of 6-8 ohms. This model is equipped with a hum bucking coil and provides excellent tone quality. Shpg. wt. 4 lbs.
XW19114—Your Cost Special \$1.75



Super Silver Cone Unit

A real powerful highly sensitive double coil balanced armature magnetic speaker unit. Excellent for replacement purposes in any magnetic speaker. Can also be used to build sound operated toys such as dancing dolls, etc. Shpg. wt. 4 lbs.
XW19228—Your Cost Special \$29



CROSLY Speakers

A special purchase makes possible these exceptionally fine values in high quality loudspeakers. Type 241 illustrated at the right is an 11" speaker with a special Burtex cone, an output transformer for a single 47 or similar impedance tube. Field resistance 900 ohms. Shpg. wt. 22 lbs.
XW19398—Your Cost Special \$2.25
 Type 243 is the same as the above but has an 800 ohm field and a push-pull output transformer suitable for 171-A, 245, and similar type tubes. Shpg. wt. 18 lbs.
XW19390—Your Cost Special \$2.25



Gloritone 6 1/2" Speaker

Replacement speaker for the Gloritone receiver. Has 11,500 ohm field tapped at 9040 ohms. Equipped with transformer for single 45 tube. 6 1/2" diameter. Shpg. wt. 8 lbs.
XW19123—6 1/2" Special \$3.25
XW19112—Same 8 1/2" diameter \$3.75
Your Cost Special



Special 9 1/2" Dynamic

A fine quality speaker that will afford excellent tone quality and frequency response. Supplied with either 1000, 1800 or 2500 ohm field. Transformer supplied for single or P. P. 45, 46, 47, 43, 2A5, 2A3, 59, 79, or 50 output tubes. Specify Type Transformer and Field Coil when ordering. Shpg. wt. 6 lbs.
XW19120—9 1/2" Dynamic Speaker \$2.45
Your Cost Special



Speaker Grille Cloth

Fine quality brown ornamental cloth for use behind speaker grills. 11x12". Shpg. wt. 8 ozs.
XW19609—Your Cost \$19



DYNACONE Speaker

Illustrated at the left is the 6 volt Dynacone model for operation from a 6 volt battery. Equipped with transformer suitable for 71A and similar output tubes. Shpg. wt. 12 lbs.
XW19389—Your Cost Special \$95



HUBBELL Cord Receptacle

10 amp., 250 v., 1 1/4" dia., 1 1/2" long. Composition.
XM13311—Your Cost Each \$12





Bargains

QUANTITY LIMITED



Tone Controls for

RCA-VICTOR

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

Genuine RCA-Victor Part No. 10408, for the above model sets. Has resistance of 1 megohm. Has slotted shaft for screw-driver control.

XG8343—Your Cost Each

19¢



For Models R-7, R-9, R-10 D.C., R-7 D.C. and R-9 D.C.

Genuine RCA Part No. 2996 for the above model receivers. Resistance 500,000 ohms. Bradley control. Can be used in any receiver. Shpg. wt. 1 lb.

XG8344—Your Cost Each

29¢



STEINITE Voltage Divider



22,440 ohms, tapped at 10,000-2,440.

XX20604—Each

15¢

465 K. C. Midget I. F. Transformers



XM10150—Midget double tuned I.F. Transformer. Compact type used in most late type receivers. Dimensions 1 1/4" diameter, 2 3/4" high. New alloy shield. Due to precision winding, these units provide exceptionally high gain. Trimmer condensers have genuine isolantite bases, and are tuned from the top of the assembly. Shpg. wt. 1 lb.

XM10151—The model illustrated at the right is similar to the above but is 1 1/2" in diameter and 3" high. This model is used in larger receivers and is particularly suitable for all-wave and short-wave receivers. Shpg. wt. 1 lb.

Your Cost, Special, Either Type

49¢



SPECIAL *Readrite* METER BARGAINS



Model 405 Tube Checker

Tests all four and five-prong tubes, including pentodes, without adapters. Connects to A.C. supply line. Easy to operate. Separate button provides for testing second plate of '80 tubes. Meter protected by fuse. Uses mutual conductance test on all tubes. In leatherette case—10 1/2"x7 1/2"x4 1/2". Full instructions included. For 60-cycle A.C. Shpg. wt. 7 lbs.

XX10984—Your Cost

\$8.95

READRITE Portable Meters

[Quantity Limited]

These portable meters are available in several different types. Although superseded by later models in the Readrite line, they are extremely useful in all types of service work. All A.C. meters are of the repulsion type, and provide extreme accuracy. Have resistance up to 100 ohms per volt. The D.C. meters are of the polarized vane solenoid type, and contain resistance up to 300 ohms per volt. Quantities are very limited. Average shpg. wt. 3 lbs.



| D. C. Milliammeters | | | |
|---------------------|-------|-----------|---------------|
| Stock No. | M.A. | List Cost | |
| XM11126 | 0-25 | \$3.00 | \$1.20 |
| XM11127 | 0-100 | 3.00 | |
| XM11128 | 0-200 | 3.00 | |
| XM11129 | 0-400 | 3.00 | |
| XM11129 | 0-400 | 3.00 | |

| D. C. Voltmeters | | | |
|------------------|-------|-----------|---------------|
| Stock No. | Volts | List Cost | |
| XM11122 | 0-300 | \$4.50 | \$1.80 |

| A. C. Milliammeters | | | |
|---------------------|-------|-----------|---------------|
| Stock No. | M.A. | List Cost | |
| XM11138 | 0-25 | \$3.00 | \$1.20 |
| XM11139 | 0-50 | 3.00 | |
| XM11140 | 0-100 | 3.00 | |
| XM11141 | 0-250 | 3.00 | |
| XM11142 | 0-500 | 3.00 | |

| A. C. Voltmeters | | | |
|------------------|-------|-----------|---------------|
| Stock No. | Volts | List Cost | |
| XM11136 | 0-600 | \$6.00 | \$2.40 |

| D. C. Ammeters | | | |
|----------------|------|-----------|---------------|
| Stock No. | Amps | List Cost | |
| XM11130 | 0-1 | \$3.00 | \$1.20 |
| XM11131 | 0-5 | 3.00 | |

RCA Output Transformer

Genuine RCA Part No. GW159. To match single 250, 45 or 71A tube to a 5-15-ohm voice coil. Used originally in telephonic equipment. Provides excellent tone quality. In metal container, size 6x3 1/2"x2 3/8". Large solder lug terminals. Shpg. wt. 6 lbs.

XC2379—Your Cost Each

39¢



SILVER-MARSHALL Power Transformer

A general replacement power transformer that can be used in over 100 types of receivers. Primary: 110-115 volts, 50-60 cycles; Secondaries: 1.5 volts at 6 amperes (for 5 type 26's); 2.5 volts at 6 amperes (for 3 type 24's, 27's, 35's or 6 type 56's, 57's or 58's); 2.5 volts at 3 amperes (for 2 type 45's or 47's); 5 volts at 2 amperes (for 80 rectifier). High voltage winding delivers 550 volts C.T. at 70 M.A. Shpg. wt. 7 lbs.

XC2422—Your Cost, Special

\$1.15



CROSLY Transformers

Power Transformer



For Model 704-A

Crosley Part No. 4905. Shielded in metal case. May also be used in other sets using 4-26's; 1-27; 2-71A's; 1-80. Size, 4x4 1/4"x4 1/4" high. Shpg. wt. 9 lbs.

XC1886—Your Cost Each

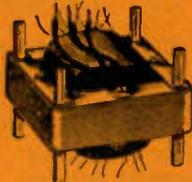
\$1.95

Model 704

Crosley Part No. 4715-4816. Identical in appearance with above transformer. 4-26's, 1-27, 1-71 and 1-80. Size 4 3/8"x4 1/4"x4 1/4" high. Shpg. wt. 10 lbs.

XC1887—Your Cost Each

\$1.95



Power Transformer For Model AC-7

Crosley Part No. 3315. 5-99's, 1-12A and Raytheon rectifier. Size 3 1/2"x3x3 1/2". Shpg. wt. 5 lbs.

XC1890—Your Cost Each

\$1.10



P.P. Input

Part No. 6590. Single plate to two grids. Metal container with mounting lugs. Shpg. wt. 2 lbs.

XC1849—Your Cost Each

75¢

GENERAL MOTORS Tone Control

The original Allen Bradley tone control used in the following chassis: 120, 130, 140, 150 and 160. Has total resistance of 1 megohm. General Motors Part No. 1200197. Has long shaft and takes screw type knob. 3/4" bushing mounts through 1/2" panel. Can also be used for other sets. Shpg. wt. 1 lb.

XM9058—Your Cost Each

49¢



Analyzer Knobs

XM13055—Type A

2 1/4" long

Each

10¢

XM13056—Type A

1 1/4" long

Each

9¢

XM13054—Type B

Each

13¢



FARADON Noise and Interference Filter



High capacity filters for use on A.C. or D.C. 110-220-volt lines. May be connected across lines directly at source of interference.

One of these units and two rolls of bell wire are all that is necessary to make a fine line filter for any radio set. Two sizes: for devices up to 1/2 H.P., 2-5 mid., and for devices above 1/2 H.P., 2-10 mid. Shpg. wt. 4 lbs.

XB552—Under 1/2 H.P.

Your Cost

75¢

XB553—Above 1/2 H.P.

Your Cost

95¢

30 Henry - 50 Ma. Filter Choke

Open frame type choke. Inductance 30 henries. Current carrying capacity 50 milliamperes. D.C. resistance 450 ohms. 6" leads. Size 2 1/2"x2 1/2" high. Ideal for midget receivers. Shpg. wt. 3 lbs.

XA246—Your Cost, Special

39¢



Bargains in Oversize Audios



Oversize fine quality audios at exceptionally low prices. Many old type receivers can be greatly improved by installing these large transformers. Two types available—

Straight Audio and Push-Pull Input. Suitable for use in radio receivers or power amplifiers. Size 2 1/2"x2 1/2"x3 1/2" high. Shpg. wt. 2 lbs.

XC1932—Push-Pull Input.

Your Cost, Special

89¢

XC1913—Straight Audio similar to above ratio 3:1.

Your Cost, Special

59¢

Base mounting type with screw terminals. This type is excellent for use in experimental bread-board mounting on top of chassis work. Two types available—audio and push-pull input. This is an oversize transformer with a large core and provides excellent frequency response over the audio range. Shpg. wt. 2 lbs.

XC1840—Push-Pull Input.

Your Cost

98¢

XC1841—Straight Audio as above ratio 3:1.

Your Cost

79¢



We Will Not Knowingly Be Undersold



BARGAINS!

QUANTITY LIMITED



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 in single panel hole.

Power Clarostats

| Stock No. | Resistance Range in Ohms | Your Cost Each |
|-------------|--------------------------|----------------|
| XF6831 | 1/2 to 10 | \$2.05 |
| XF6832 | 25 to 500 | |
| XF6833 | 200 to 100,000 | |
| List \$3.50 | | |

Super-Power Clarostats

| Stock No. | Resistance Range in Ohms | Your Cost Each |
|-------------|--------------------------|----------------|
| XF6834 | 1/2 to 10 | \$3.50 |
| XF6835 | 25 to 500 | |
| XF6836 | 200 to 100,000 | |
| List \$6.00 | | |

Dual .1 Condenser



Fully cased in metal container. Single common lead for both sections. 200 volts D.C. working voltage. Used in early Zenith sets, Part No. 22-69. Long leads. Shpg. wt. 1 lb.

XB752—Your Cost Each..... 9¢

.1 Mfd. Cased By-Pass Condenser

Metal cased lug mounting type .1 mfd. by-pass rated at 200 volts. Shpg. wt. 1 lb.

XB461—Special..... 7¢

Trimmer Condenser



RCA Part No. 7114, capacity 5—15 mfd. Used in the Radiola 42, 48, etc. A fine trimmer condenser that

can be used for practically any purpose that condensers of this type are commonly used for. Has high quality ceramic insulation and finest grade ruby mica dielectric. Shpg. wt. 1 lb.

XH8529—Your Cost Special..... 19¢

HAMMERLUND Double I. F. Tuning Condensers



These double trimmer condensers are used to tune I.F. stages to the same frequency so that maximum signal response and sensitivity can be obtained. Have Isolantite tops, 1 1/4" in diameter for a 2" shield. Capacity range 10 mmf. minimum to 70 mmf. maximum.

XH8533—Your Cost Each..... \$0.25

CUTLER-HAMMER Power Switches S.P.S.T.



Single circuit toggle switch. Rated 10 amps. at 125 volts. For heavy duty work. Used on motors up to 1/2 H.P.

XM12813—Your Cost Each..... 25¢

Double Pole—Single Throw
Same rating as the above. Makes and breaks two circuits.

XM12814—Your Cost Each..... 39¢

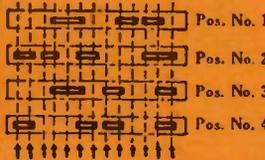
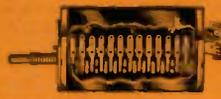
H. H. Rotary Switch with Knob



Rated 3 amps. at 250 volts. 3/4" shaft extends 1 1/4" through panel. Complete with bakelite knob. Knob has 3/4" brass bushing. At this low price you should stock a few.

XM12819—Your Cost Each..... 19¢

13 Contact Switch



Used in RCA Model RE-57 combination. Rectangles in the schematic diagram above denote connections that are tied together when the switch is in the respective positions as shown. Contacts and contact points of phosphor bronze. Housed in heavy metal shell with a micarta cover. Controlled by knob. Can be used in many ways in conjunction with transmitters to change from phone to key, one power supply to another, etc. Shpg. wt. 2 lbs.

XM12856—Your Cost, Special..... 75¢

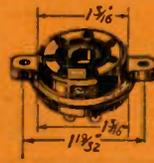
Moulded Rubber Trouble Lamp



This unit is ideal for use by the auto radio set installer. Also finds many uses in the garage, workshop, machine shop, etc. A single piece of solid moulded rubber comprises the handle and socket with built-in switch. A hinged lamp guard protects the lamp. Equipped with 20 ft. rubber covered cord and rubber plug. Shpg. wt. 5 lbs.

XP15519—Your Cost, Special..... 98¢

Special Bargain! Na-Ald Sockets



Never before such a buy as this! Genuine Na-Ald brown bakelite sockets at a price that is almost unbelievable! Standard sub-panel type for use in radio receivers, testers, etc. Panel hole 1 1/4" Mtg. holes 1 1/2".

| Stock No. | Prongs | Your Cost Any Type |
|-----------|---------|--------------------|
| XM11681 | 4 | 9¢ |
| XM11682 | 5 | |
| XM11683 | 6 | |
| XM11684 | 7 large | |

Bakelite Terminal Plates

Genuine brown bakelite. Drilled for terminals. 1/4" thick. 2 1/4" wide by 3 1/2" long.

XF15009—Your Cost Each..... 2¢

12 for..... \$0.15

CARTER Jacks



Type 103. Three springs; two open circuits closed when plug inserted. Fil. control.

XF6282—Your Cost Each..... 10¢

GENERAL MOTORS Voltage Divider

For Model A, chassis 120, 130, 140, 150, 160. 5200 ohms tapped at 460-2000-1730-240-800 ohms. Part No. 1201395.

XX20393—Your Cost Each..... 69¢



AEROVOX Special Condenser Bargains

Electrolytic Condensers



These high voltage filters are housed in drawn aluminum cans; and may be mounted in any position. Have Peak voltage of 500 volts D.C.; working voltage 450

| Stock No. | Cap. Mfd. | Size L | D | Your Cost |
|-----------|-----------|--------|--------|-----------|
| XD3503 | 8 | 4 1/4" | 1 3/8" | \$0.45 |
| XD3538 | 2-8-16 | 4 1/2" | 3" | .98 |

Mica Condensers



Type 1450. 5000-volt working voltage. Fine ruby mica dielectric. Moulded bakelite shells. Only sizes listed are available.

| Stock No. | Cap. Mfd. | List Price | Your Cost Each |
|-----------|-----------|------------|----------------|
| XD3893 | .00003 | \$0.25 | 10¢ |
| XD3894 | .0008 | .25 | |
| XD3895 | .0007 | .25 | |
| XD3896 | .0004 | .25 | |
| XD3851 | .00025 | .25 | |
| XD3848 | .0001 | .25 | |

XD3854 .001 .30 12¢

Genuine ATWATER KENT Condensers

The genuine condensers used in Atwater Kent receivers.



| Stock No. | A.K. No. | Part No. | Your Cost Any Type |
|-----------|----------|-----------------|--------------------|
| XB1428 | 15262 | H1, B1, H9, H20 | 10¢ |
| XB1425 | 15263 | H2, B2 | |
| XB1431 | 16461 | H6 | |
| XB1432 | 16828 | B5 | |
| XB1433 | 15158 | | |
| XB1436 | 21430 | H39 | |
| XB1437 | 16318 | B4 | |
| XB1438 | 16233 | H4, H10 | |
| XB1439 | 15780 | H17 | |
| XB1440 | 21180 | H38 | |
| XB1441 | 15640 | H16 | |

POLYMET Uncased Replacement Sections

Impregnated in moisture-proof pitch and provided with long insulated leads. All conservatively rated. Used extensively to replace defective sections of condenser blocks. 1 mfd. condenser 4x3 1/2 x 1/2"; 4 mfd. condenser 2 1/2 x 2 x 1/2". Only two sizes available.



| Stock No. | Cap. Mfd. | Wkg. Volts | Your Cost |
|-----------|-----------|------------|-----------|
| XB721 | 4 | 400 | \$0.75 |
| XB722 | 1 | 1000 | .49 |

AMPLEX Grid-Denser



A very compact .005 mfd. trimmer condenser mounted in a moulded case and equipped with binding posts. Very handy for temporary or permanent use in receivers, etc. Shpg. wt. 1 lb.

XH9738—Your Cost Special..... 19¢

POTTER By-Pass Condensers .15 Mfd.



Used in early Zenithsets. Part No. 22-67. 200 volts D.C. working voltage. In metal container with long leads.

XB750—Your Cost Each..... 8¢

1 Mfd. By-Pass
Similar in appearance to the above. Zenith Part No. 22-63. 200 volts D.C. working volts.

XB751—Your Cost Each..... 8¢

STROMBERG-CARLSON 2 Mfd. Condensers



The original Stromberg Part No. P15075. Used in early model receivers. Working voltage 400 volts D.C. In metal container 4 1/2 x 2 1/2 x 1/2". Solder lug terminals. Can be used in general repair work as filter or by-pass condenser.

Shpg. wt. 1 lb.
XB730—Your Cost Each..... 25¢

NOW you can build your own ALL-WAVE SUPERHETERODYNE at Low Cost

A PROFESSIONAL Type Short-Wave Set Using Standard Parts Produced by America's **8 LEADING SHORT-WAVE EQUIPMENT MANUFACTURERS**



Short-Wave Radio's *Newest Sensation*
RECEIVER

The **ALL-STAR** ALL-WAVE Superheterodyne

A revolutionary ideal The newest and best short-wave development from the laboratories of EIGHT great radio manufacturers—gathered together in the design of this ALL-STAR Receiver.

Think of it!—Treasured secrets, usually carefully guarded, all offered without stint—to bring you a radically better receiver—a set that assures unequalled WORLD-WIDE RECEPTION thrills.

You would expect such a sensational development to be costly, but the huge manufacturing facilities of these EIGHT leaders and remarkable design

have made possible this extremely low cost receiver.

The ALL-STAR ALL-WAVE Superheterodyne is yours for the price of the parts alone—and a few hours of interesting construction. Just mount the parts in place on the already drilled panel. Wire according to the carefully worked out directions—and England, France, Germany, Italy, Russia, Australia, and South America will be waiting on your dial. Write today for the FREE diagram and parts list.

These Features Guarantee reception from every foreign continent

- ★ **CONTINUOUS BAND-SPREAD**—Over entire tuning range; affords easy separation of all stations, making possible the reception of hundreds of weaker distant stations covered up by European and American stations on the ordinary set.
- ★ **10 to 500 METER TUNING RANGE**—Continuous without any skips. Covers new 2-way 10 meter police band.
- ★ **6-TUBE SUPERHETERODYNE CIRCUIT**—2A7 oscillator and first detector, 5B first i. f., 5B second i. f., 5B second detector, 2A5 power output pentode, and 80 rectifier.
- ★ **PRE-ADJUSTED COILS**—Oscillator and i. f. coils are pre-set eliminating all difficult adjustments or need for test instruments.
- ★ **Airplane type tuning dial, tone control, Eraydo silver finished front panel and sub-base, built-in power supply for all A. C. operation, and countless other features are described in the FREE booklet. Write today.**

Complete List of Parts, With Net Prices, For All-Star Receiver

THORDARSON Electric Mfg. Co.

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|---------------------|------------|----------------|
| XA261 | T-5602 | 1 | Power Transformer | \$4.25 | \$2.50 |
| XA289 | T-5753 | 1 | Choke | 2.00 | 1.18 |
| XA268 | T-5738 | 1 | Audio Transformer | 3.25 | 1.90 |

MEISSNER Mfg. Co.

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|---|------------|----------------|
| XH9960 | D1995 | 4 | 16 MH R. F. Chokes | \$0.45 | \$0.26 |
| XH9961 | | 1 | First, Second and Third I. F. Transformers and adjusting wrench, in kit | 6.00 | 3.53 |
| XH9962 | D3340 | 1 | 20 meter Ant. Coil | .50 | .29 |
| XH9963 | D3339 | 1 | 20 meter Osc. Coil | .50 | .29 |
| XH9964 | D3336 | 1 | 40 meter Ant. Coil | .50 | .29 |
| XH9965 | D3335 | 1 | 40 meter Osc. Coil | .50 | .29 |
| XH9966 | D3337 | 1 | 80 meter Ant. Coil | .50 | .29 |
| XH9967 | D3338 | 1 | 80 meter Osc. Coil | .50 | .29 |

CORNELL DUBILIER Corporation

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|-----------------------|------------|----------------|
| XD4185 | BA2100 | 10 | .1 Mfd.—200 v. Cond. | \$0.25 | \$0.15 |
| XD4186 | DA4100 | 2 | 1. Mfd.—400 v. Cond. | 1.00 | .59 |
| XD3678 | 2-W | 1 | .0001 Mfd. Mica | .15 | .09 |
| XD3680 | 2-W | 1 | .0005 Mfd. Mica | .20 | .12 |
| XD4187 | BA6030 | 1 | .003 Mfd. Paper Cond. | .20 | .12 |
| XD3643 | EB9080 | 3 | 8 Mfd. Elec. Cond. | 1.05 | .63 |
| XD4188 | BA6100 | 1 | .01 Mfd. Mica | .25 | .15 |

HAMMERLUND Mfg. Co.

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|---------------------|------------|----------------|
| XH8486 | SM-140 | 2 | Star Var. Cond. | \$1.25 | \$0.73 |
| XH8490 | MCD-35X | 1 | Dual Var. Cond. | 3.50 | 2.06 |

ELECTRAD, Incorporated

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|---------------------------|------------|----------------|
| XG7898 | 573 | 1 | 10,000 ohm Potentiometer | \$1.00 | \$0.59 |
| XG7899 | 242P | 1 | 100,000 ohm Potentiometer | 1.35 | .79 |

CROWE Name Plate and Mfg. Co.

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|---|------------|----------------|
| XH9913 | 123 | 1 | Airplane Dial Complete with Socket and Escutcheon | \$3.00 | \$1.76 |
| XH9914 | 25 | 1 | Volume Control Name Plate | .12 | .07 |
| XH9915 | 26 | 1 | Tone Control Name Plate | .12 | .07 |
| XH9916 | 27 | 1 | Oscillator Cond. Name Plate | .12 | .07 |
| XH9917 | 28 | 1 | Detector Cond. Name Plate | .12 | .07 |

BELDEN Mfg. Co.

| Stock No. | Part No. | No. Req. | Description of Part | List Price | Your Cost Each |
|-----------|----------|----------|---|------------|----------------|
| XQ16251 | 8915 | 1 | Short-Wave Antenna Kit | \$5.00 | \$2.84 |
| XQ16252 | 8942 | 1 | Hook-up Wire | .38 | .23 |
| XQ16253 | 1725 | 1 | Power Supply Cord with Soft Rubber Plug | .35 | .21 |
| XQ16254 | 8885 | 1 | 6" Shielded Lead Wire | .01 | .01 |

OHMITE Mfg. Co.

- 1—Wirewatt 500 ohm resistor
- 3—Wirewatt 5,000 ohm resistors
- 1—Wirewatt 25,000 ohm resistor
- 1—Red Devil 500 ohm resistor
- 2—Adjustable lugs (0358)
- 2—Wirewatt 1,000 ohm resistors
- 2—Wirewatt 10,000 ohm resistors
- 1—Carbohm 50,000 ohm resistor
- 1—25,000 ohm Dividohm (0585)

XH4428—Complete Kit. List \$4.20
Your Cost

XM12866—Chassis with all Cut-Outs. List \$5.00. **Your Cost** .. \$2.47

XY22199—Complete Kit of Parts for "ALL-Star" Kit. List \$56.52. **Your Cost** .. **\$32.14**

★ CONTINUOUS BAND-SPREAD ★
ALL-STAR
ALL-WAVE Superheterodyne

Last Minute SPECIALS

I. C. A. Headphone Adapters



Designed for use with any set using 4, 5 or 6 prong output tubes. Provided with 3 ft. of cable connected to box having a D.P.D.T. toggle switch. The switch connects the phones in grid circuit and at the same time cuts off the speaker in the receiver. No wiring necessary. Available for sets using single or P.P. output tubes. Shpg. wt. 3 lbs.

For Single Output Tubes

| (Uses One Adapter) | | Stock No. | Prongs | Your Cost |
|--------------------|---|-----------|--------|---------------|
| XK11720 | 4 | | | \$1.47 |
| XK11721 | 5 | | | |
| XK11722 | 6 | | | |
| XK11722 | 6 | | | |

For P. P. Output Tubes

| (Uses Two Adapters) | | Stock No. | Prongs | Your Cost |
|---------------------|---|-----------|--------|---------------|
| XK11723 | 4 | | | \$2.05 |
| XK11724 | 5 | | | |
| XK11725 | 6 | | | |
| XK11725 | 6 | | | |

Special! JENSEN Ortho-Dynamic Reproducer



These famous electro-dynamic speakers are being offered at a special bargain price. All are brand new and guaranteed. Have 12" cones. Field coil resistance 800 ohms; voice coil impedance 5.4 ohms. Come completely equipped with output transformer to match P.P. 45's, 50's or 71A's. Will handle 12 watts continuously, with peak input of 18 watts. Frequency response essentially flat from 30 to 5500 cycles. **Quantity limited.** Only this one type is available. Finished in black and aluminum. Shpg. wt. 25 lbs.

XW19253—Your Cost, Special..... \$14.95

New! PEAK Pre-Selector

Just what the "Ham" and the short wave listener have been waiting for: a consistently efficient "signal booster." This unit, using two stages of high gain '58 tubes, increases the signal input to any short wave receiver, be it TRF, superhet, or autodyne, and invariably boosts weak signals to R9 or R9 plus. The first stage is electron coupled regenerative, leading greatly to stability in operation. The regenerative control is variable to obtain maximum overall gain.

Five major results are obtained from the use of the Pre-Selector. These are: first, **tremendous increase in signal gain**; second, **consequent increase in sensitivity**; third, **absolute rejection of image or repeat spots**; fourth, **considerable increase in selectivity**; fifth, **reduction of noise to signal ratio**. Pre-Selector uses built-in coils covering from 14 to 200 meters. Ranges are selected by means of a selector switch. The tuning dial is of the popular airplane type, with black background and white figures and pointer. Escutcheon is oxidized silver. Unit contains its own filament supply; installation consists of connecting output to "Ant" and "Gnd" of receiver, and connecting to B plus and ground for necessary plate supply. All connections made to terminal strip on rear of chassis. Entire unit housed in heavy gauge steel cabinet finished in black crackle. Size 7 1/4" x 9 1/4" x 10". Shpg. wt. 15 lbs.

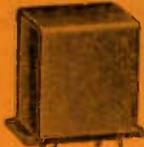
XN13760—Peak Pre-Selector, complete less tubes \$19.80

Lafayette Tubes for above. **Your Cost..... \$1.44**



NATIONAL Screen Grid Coupler

Type S-101—Used in SW3, SW5, and SW58. Used to couple the output of a screen grid tube to an audio amplifier tube. Will give from two to three times the amplification of resistance coupling. Response uniform between 75 and 5000 cycles. Choke 700 Henries; coupling condenser .01 mfd.; grid leak 250,000 ohms. Fully shielded in metal case. Leads marked. Shpg. wt. 3 lbs.



XN14509—Your Cost Each..... \$3.30

S-51 Input Transformer

Similar in appearance to the above. P.P. input transformer used in the SW58. Single plate to two grids. Ratio 2.5:1. Shpg. wt. 3 lbs.

XN14507—List \$5.50, Your Cost Each..... \$3.30

S-11 Output Transformer

Similar in appearance to the above units. Matches P.P. 45's, 71A's, or 50's to a 5-15 ohm voice coil. Used in the SW58. Shpg. wt. 3 lbs.

XN14508—List \$5.50, Your Cost Each..... \$3.30

Genuine CROSLLEY Filter Condensers



The genuine Crosley electrolytic filter condensers for late model receivers. All are brand new and guaranteed to be perfect. Average shpg. wt. 1 lb.

For Model 173

Original Crosley part No. W-30124. Three sections: 8 mfd., 125 volts; 16 mfd., 125 volts; 16 mfd., 100 volts.

XB502—Your Cost Each..... 98¢

For Model 159

Original part No. W-29012. Two sections: 12 mfd., 40 volts; 2.5 mfd. at 80 volts A. C.

XB503—Your Cost Each..... 59¢

For Models 167, 169, 179

Original part No. W-29150. Three sections: 7 mfd., 450 volts; 6 mfd., 400 volts; 8 mfd., 25 volts.

XB504—Your Cost Each..... 85¢

For Model 181

Original part No. W-30059. Three sections: 8 mfd., 450 volts; 8 mfd., 450 volts; 8 mfd., 250 volts.

XB505—Your Cost Each..... \$1.10

AMERICAN Microphones Type "EL"



This model is a two button (200 ohms) carbon microphone with a stretched .002" duralumin diaphragm. Bright nickel finish. 2 3/4" in diameter, 1 1/4" thick. Shpg. wt. 2 lbs.

XM13518—List \$10.00, Your Cost..... \$4.90

Type "CD"



A two button microphone with a frequency response from 50 to 4200 c.p.s. Has 24 K. gold spot on duralumin diaphragm. 200 ohms per button. Ideal for either P. A. or amateur work. Bright nickel finish. Shpg. wt. 4 lbs.

XM13519—List \$23.00, Your Cost..... \$11.25

BMS Microphones Studio Model



A real microphone for home broadcasting. Very easily attached to your radio. Will not interfere with its operation. Has sliding switch to cut microphone in and out of the circuit. Attractively finished. Complete instructions included. Shpg. wt. 2 lbs.

XM13380—Your Cost..... 88¢

Junior Model

Similar to the studio model, but in a differently designed case and with a push button instead of a sliding switch. Complete with instructions. Shpg. wt. 2 lbs.

XM13379—Your Cost..... 58¢

PIONEER "Gen-E-Motor" Converters Complete with Filter



A new line of low priced D. C. to A. C. converters incorporating many improved features. These include: Ball bearing motor, no oiling necessary; good regulation of output voltage; extremely quiet operation; lasting performance due to quality construction. All furnished complete with efficient radio noise filter. Sizes other than those listed can be procured—prices on request. Average shpg. wt. 25 lbs.

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

| Stock No. | Output Watts | Input Amps. | Your Cost |
|-----------|--------------|-------------|-----------|
| XS17200 | 80 | 4.7 | \$24.40 |
| XS17201 | 110 | 5.6 | 26.43 |
| XS17202 | 150 | 7.8 | 29.37 |
| XS17203 | 200 | 10.0 | 35.25 |

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

| Stock No. | Output Watts | Input Amps. | Your Cost |
|-----------|--------------|-------------|-----------|
| XS17204 | 80 | 1.30 | \$24.40 |
| XS17205 | 110 | 1.78 | 26.43 |
| XS17206 | 150 | 2.23 | 29.37 |
| XS17207 | 200 | 2.80 | 35.25 |

Lafayette Power Supply

For Use With Tuners

A high quality power supply designed for use in conjunction with radio tuners. Delivers 275 volts at 50 milliamperes (max.). Scientifically designed circuit provides extremely good regulation and filtering. Has variable voltage taps for selecting any desired voltage for various types of tuners. Filtering accomplished by the use of two oversized filter chokes and three 8 microfarad condensers. An 80 rectifier tube is used. Entire assembly housed in a heavy gauge metal chassis finished in crystalline lacquer. All parts protected by means of a perforated metal screen, presenting an overall professional appearance. Line switch and pilot light included in the unit. Size 8 1/4" x 6 1/2" x 6 3/4". Shpg. wt. 15 lbs.



XPI5915—Lafayette Power Supply, Complete with Type '80 Rectifier Tube, Your Cost..... \$9.95



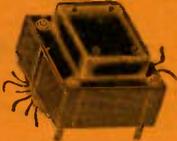
Sole Distributors for

Clarion Radio REPLACEMENT PARTS

As sole distributors for all Clarion products we are prepared to supply practically any replacement part required. We carry complete stock of all the most used parts, including coils, transformers, condensers etc. All Clarion parts are maintained in the New York Warehouse only, but may be ordered through Atlanta or Newark if more convenient.

A special department has been created for the handling of Clarion replacement parts and should any new products be developed from time to time by Clarion engineers these will also be available to authorized dealers at exceptionally attractive prices and discounts. If you are a Clarion dealer it will pay you to get in touch with us so that we can keep you informed of all new developments as they are completed by Clarion engineers.

Power Transformers



60 Cycle-110 Volts

| Stock No. | Clarion No. | Model No. | Your Cost |
|-----------|-------------|-----------|-----------|
| CL132 | G1578 | 300 | \$3.50 |
| CL264 | G1152 | 56 | 3.50 |
| CL267 | G1616 | 320 | 1.38 |
| CL484 | G1644 | 340 | 2.20 |
| CL133 | G1807 | 490 | 2.20 |
| CL482 | G1662 | 360 | 2.35 |
| CL103 | G1768 | 470 | 1.50 |
| CL200 | G2013 | 51 | 3.95 |
| CL197 | G1151 | 61, 70 | 3.25 |
| CL197 | G1240 | 90, 94 | 2.50 |
| CL232 | G1381 | 160 | 2.50 |
| CL265 | G1518 | 280 | 2.50 |
| CL102 | G1255 | 80 | 2.00 |
| CL231 | G1323 | 40 | 1.75 |
| CL262 | G1437 | 200 | 1.75 |
| CL268 | G1383 | 100 | 1.75 |
| CL230 | G1490 | 260 | 2.25 |
| CL269 | G1528 | 240 | 1.95 |

25 Cycle-110 Volts

| Stock No. | Clarion No. | Model No. | Your Cost |
|-----------|-------------|-----------|-----------|
| CL199 | G1151A | 61, 70 | \$3.95 |
| CL198 | G1162A | 56 | 4.25 |
| CL101 | G1240A | 90, 94 | 3.50 |
| CL479 | G1323A | 40 | 3.50 |
| CL233 | G1490A | 260 | 3.50 |
| CL135 | G1644A | 340 | 3.50 |
| CL478 | G1255A | 80 | 2.95 |
| CL134 | G1381A | 160 | 3.75 |
| CL229 | G1518A | 280 | 3.75 |
| CL168 | G1578A | 300 | 3.75 |
| CL100 | G1662A | 360 | 3.10 |
| CL166 | G2113 | 51 | 5.85 |

60 Cycle-220 Volts

| Stock No. | Clarion No. | Model No. | Your Cost |
|-----------|-------------|-----------|-----------|
| CL480 | G1578B | 300 | \$3.75 |
| CL169 | G1240B | 90, 94 | 3.75 |
| CL266 | G1323B | 40 | 3.75 |
| CL196 | G1616B | 320 | 1.65 |
| CL167 | G1662B | 360 | 3.95 |
| CL483 | G1768B | 480 | 2.50 |
| CL136 | G1490B | 260 | 2.50 |
| CL228 | G1151B | 61, 70 | 3.50 |

Dynamic Speakers

Less Output Transformers

| Stock No. | Clarion No. | Model No. | Your Cost |
|-----------|-------------|-----------|-----------|
| CL125 | G1500 | 220 | \$2.75 |
| CL126 | G1501 | 260 | 2.50 |
| CL128 | G1502 | 240 | 2.50 |
| CL160 | G1503 | 280 | 2.25 |
| CL161 | G1505 | 300 | 2.25 |
| CL162 | G1506 | 340 | 2.95 |
| CL460 | G1706 | 472 | 1.50 |

Variable Condensers

| Stock No. | Clarion No. | Model No. | Your Cost |
|-----------|-------------|-----------|-----------|
| CL178† | G1080 | 51 | \$2.95 |
| CL177* | P442 | 320 | 1.95 |
| CL182* | P4468 | 340 | 2.25 |
| CL422* | P4745 | 450 | 2.25 |
| CL173† | P4629 | 422, 425 | 1.25 |
| CL174† | P4712 | 440 | 1.25 |
| CL175† | P4856 | 470 | 1.25 |
| CL176† | P4744 | AR-100 | 1.50 |

† 4-Gang * 3-Gang † 2-Gang

Condenser Blocks



Filter

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|--------|-----------|
| CL217 | G1529 | 240 | \$1.75 |
| CL372 | P4709 | 440 | 1.75 |
| CL380 | P4737 | 460 | 1.75 |
| CL226 | G1480 | 220 | 1.75 |
| CL209 | G1384 | 100 | 1.75 |
| CL227* | G1529A | 240 | 2.25 |
| CL212 | G1573 | 300 | 2.25 |
| CL219 | G1319 | 40 | 2.25 |
| CL207* | G1480A | 220 | 2.25 |
| CL364† | G1529B | 240 | 2.75 |
| CL201 | G2033 | 51 | 3.95 |
| CL206 | G1164 | 70 | 3.95 |
| CL216 | 1106 | 60 | 3.95 |
| CL220* | G2133 | 51 | 4.95 |
| CL377 | P4584 | 400 | 1.10 |
| CL363 | P4585 | 400 | 1.80 |
| CL371 | P4717 | 423 | 1.95 |
| CL202 | G1178 | 61 | 3.75 |
| CL222 | G1187 | 56 | 3.75 |
| CL204 | G1256 | 80 | 2.50 |
| CL213* | G1298A | 90, 94 | 2.50 |
| CL208 | G1350 | 84, 85 | 2.50 |
| CL221 | G1298 | 90, 94 | 2.05 |
| CL225 | G1298C | 95 | 1.35 |
| CL211* | G1319A | 40 | 3.25 |
| CL223* | G1350A | 84, 85 | 3.25 |
| CL218 | G1413 | 160 | 1.25 |
| CL214 | G1492 | 260 | 1.80 |

* 25 Cycle. † 220 Volt.

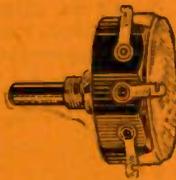
By-Pass Blocks

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|---------------|-----------|
| CL191 | G1057 | 51 | \$0.85 |
| CL376 | G1108 | 60 (A.F.) | .85 |
| CL220 | G1640 | 240 | .85 |
| CL185 | G1167 | 61, 70 (R.F.) | 1.85 |
| CL189 | G1262 | 80, 90 (A.F.) | 1.00 |
| CL183 | G1295 | 80, 90 (R.F.) | 1.10 |
| CL192 | G1326 | 40 | 1.75 |
| CL334 | G1348 | 45 | .75 |
| CL205 | G1511 | 220 | .75 |
| CL188 | G1622 | 322 | .75 |
| CL186 | G1351 | 84 | .50 |
| CL203 | G1498 | 260 | 1.60 |
| CL190 | G1642 | 340 | 1.80 |

Voltage Dividers

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|----------------|-----------|
| CL296 | P1335 | 60 Jr. | \$0.75 |
| CL315 | P1819 | 40, 100 | .42 |
| CL299 | P4268 | 220 | .35 |
| CL295 | P4269 | 241, 260 | .35 |
| CL294 | P4305 | 280 | .35 |
| CL320 | P4379 | 300 | .35 |
| CL298 | P4267 | 300 | .45 |
| CL319 | P4303 | 280 (Bias) | .20 |
| CL300 | P4512 | 340 | .39 |
| CL325 | P4533 | 360 | .25 |
| CL318 | P4534 | 360 (300 ohms) | .15 |

Volume Controls



| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|----------|-----------|
| CL490* | P1064A | 60 Jr. | \$0.98 |
| CL496* | P1308 | 51 | .98 |
| CL494* | P1813 | 40 | .98 |
| CL510* | P4035 | 100 | .98 |
| CL493 | P1480 | 61, 70 | .85 |
| CL495 | P1749 | 80 | .85 |
| CL505 | P4080 | 120 | .85 |
| CL521 | P4081 | 160 | .85 |
| CL491 | P1747 | 90 | .95 |
| CL508 | P4273 | 220 | .55 |
| CL509 | P4965 | 300 | .55 |
| CL520 | P4495 | 340 | .55 |
| CL499 | P4434 | 320 | .65 |
| CL503 | P4769 | AR-100 | .75 |
| CL502 | P4860 | 470 | .50 |
| CL523 | P4979 | 490 | .48 |
| CL497 | G1740 | 422, 423 | .60 |

* With Switch.

Tone Controls

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|--------|-----------|
| CL517 | P1566 | 53C | \$0.50 |
| CL522 | P4978 | 490 | .60 |
| CL504 | P1955 | 85 | .75 |
| CL519 | P4079 | 160 | .75 |
| CL501 | P4433 | 340 | .75 |
| CL516* | P4861 | 470 | .75 |

* With Switch.

R. F. Coils

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|----------|-----------|
| CL547 | P4741 | 450 | \$0.60 |
| CL562 | G1544 | 240 | .65 |
| CL147 | G1650 | 340 | .65 |
| CL149 | G1191 | 56 (2nd) | .65 |
| CL144 | G1192 | 56 (3rd) | .65 |
| CL145 | G1272 | 80 (1st) | .65 |
| CL146 | G1293 | 90 | .65 |
| CL139 | G1803 | 480 | .40 |
| CL140 | G1376 | 100 | .40 |
| CL558 | G1090 | 51 (2nd) | .95 |
| CL156 | G1183 | 61 | .50 |
| CL578 | G1342 | 45 | .55 |

Antenna Coils

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|--------|-----------|
| CL532 | P4739 | 450 | .65 |
| CL561 | G1493 | 241 | .65 |
| CL530 | G1649 | 340 | .65 |
| CL154 | G1163 | 70 | .65 |
| CL158 | G1543 | 240 | .85 |
| CL148 | G1294 | 90 | .55 |
| CL531 | G1343 | 45 | .45 |
| CL152 | G1386 | 100 | .35 |
| CL540 | G1386 | 220 | .50 |
| CL159 | G1089 | 51 | .75 |
| CL584 | P4591 | 400 | .65 |

Cone and Voice Coil For AR-100 Auto Set

Original Clarion Part No. G1751.
CL594—
Your Cost Each **65¢**

Audio Transformers



Input

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|--------|-----------|
| CL255 | G1045 | 51 | \$1.05 |
| CL245 | G1109 | 60 Jr. | 1.05 |
| CL248 | G1182 | 61 | .95 |
| CL259 | G1593 | 300 | .95 |
| CL249 | G1778 | 480 | .95 |
| CL257* | G1586 | 300 | .85 |
| CL239 | G1664 | 360 | .85 |
| CL250 | G1812 | 490 | .75 |
| CL438* | G1838 | 500 | 1.25 |

* Driver Transformer.

Output

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|----------------|-----------|
| CL253 | G1051 | 51 | \$1.15 |
| CL246 | G1110 | 60 Jr. | .85 |
| CL256 | G1420 | 160 | .85 |
| CL279 | G1518 | 280 | .85 |
| CL240 | G1660 | 360 | .85 |
| CL247 | G1813 | 490 | .85 |
| CL262A | G1276 | 80, 84, 85, 94 | .75 |
| CL243 | G1697 | 425, 440 | .75 |
| CL258 | G1483 | 220 | 1.65 |
| CL241 | G1617 | 320 | .55 |
| CL242 | G1689 | 400 | .65 |
| CL278 | G1748 | AR-100 | .95 |

I. F. Coils

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|-------------------|-----------|
| CL118 | P4885 | 470, 472 (1st) | \$0.95 |
| CL544 | P4654 | 420 (1st) | .95 |
| CL541 | P4655 | 420 (2nd) | .95 |
| CL545 | P4716 | 422 (2nd) | .95 |
| CL120 | G1531 | 240 (1st) | .95 |
| CL115 | G1532 | 240 (2nd) | .95 |
| CL104 | G1593 | 240 (3rd) | .95 |
| CL110 | G1575 | 300 (3rd) | .95 |
| CL114 | G1647 | 340 | .95 |
| CL105 | G1661 | 360 | .95 |
| CL538 | G1843 | 390 | .75 |
| CL119 | P4711 | 440 | .75 |
| CL116 | P4798 | AR-100 | .75 |
| CL111 | G1494 | 260 (2nd) | .75 |
| CL159 | G1414 | 160 (1st) | .75 |
| CL107 | G1402 | 120 | .75 |
| CL540 | P4045 | 220 | .40 |
| CL533 | P4730 | 450 (1st) | 1.25 |
| CL543 | P4731 | 450 (2nd) | 1.25 |
| CL427 | P4879 | 470 | 1.75 |
| CL121 | G1610 | 241 (1st) | 1.15 |
| CL117 | G1617 | 241 (2nd) | 1.15 |
| CL108 | G1638 | 320 (1st) | 1.15 |
| CL106 | G1620 | 320 (2nd) | 1.15 |
| CL113 | G1794 | 480 (2nd) | 1.15 |
| CL109 | G1576 | 300 (1st and 2nd) | .85 |
| CL155 | G1793 | 480 (1st) | .55 |

Oscillator Coils

| Stock No. | Clarion No. | Models | Your Cost |
|-----------|-------------|----------|-----------|
| CL564 | P4887 | 470 | \$0.50 |
| CL563 | G1804 | 480 | .45 |
| CL550 | P4044 | 100, 220 | .55 |
| CL546 | G1546 | 240 | .65 |
| CL566 | G1545 | 240 | .65 |
| CL141 | G1273 | 80 | .65 |
| CL559 | P4740 | 450 | .75 |
| CL551 | G1562 | 241 | .40 |
| CL151 | G1311 | 90 | .40 |
| CL123 | G1648 | 340 | .95 |

NOTE
Space limitations prevent us from showing a complete tabulation of all the Clarion parts available. If the part you require is not listed, write us giving model number and name of part. We will then quote you at the very lowest prices.

Brunswick RADIO & PHONOGRAPH

Input and Output Audio Transformers



Input Transformers

For Models P-3, P-10, P-11 and P-13
The original replacement Part No. P-188.
Shpg. wt. 2 lbs.
BR180—Your Cost Each..... **\$1.35**

For Models S-14, S-21, and S-31: Bremer-Tully Models S-81, S-82
The original replacement Part No. X-656.
Shpg. wt. 3 lbs.
BR183—Your Cost Each..... **\$2.25**

For Brunswick Panatropes 31
The original replacement Part No. X-682.
Shpg. wt. 3 lbs.
BR187—Your Cost Each..... **\$1.75**

Output Transformers

For Models S-14, S-21 and S-31: Bremer-Tully Models S-81, S-82
The original replacement Part No. X-658.
Shpg. wt. 3 lbs.
BR202—Your Cost Each..... **\$1.75**

For Models 15, 22, 32 and 42
The original replacement Part No. 3054. Shpg. wt. 3 lbs.
BR203—Your Cost Each..... **\$1.95**

For Models 11, 12, 16 and 33
The original replacement Part No. 6083. Shpg. wt. 1 lb. Coil Only.
BR185—Your Cost Each..... **75¢**

Filter Chokes



For Models 15, 22, 32 and 42
The original replacement Part No. 3013.
Shpg. wt. 3 lbs.
BR173—Your Cost Each..... **85¢**

For Models 14, 21 and 31
The original replacement Part No. X-647.
Shpg. wt. 4 lbs.
BR164—Your Cost Each..... **\$1.45**

For Models S-14, S-21 and S-31: Bremer-Tully Models S-81, S-82
The original replacement Part No. X-705.
Shpg. wt. 4 lbs.
BR165—Your Cost Each..... **\$1.45**

Four-Gang Condenser for

Models 15,

22, 32 and 42
Genuine Part. No. 3004. Comes complete with trimmer condensers. Shpg. wt. 7 lbs.

BR252—Your Cost Each..... **\$2.75**

BR252—Your Cost Each.....

NOTE

All Brunswick and Bremer-Tully parts will be kept in the New York warehouse only. Orders directed to our Newark or Atlanta branches will be filled immediately from the New York stock.

Power Transformers



For Brunswick Models S-14, S-21, S-31: Bremer-Tully Models S-81 and S-82
Original Part No. X-755, for the above model receivers. Shpg. wt. 12 lbs.

BR113—Your Cost Each..... **\$3.75**

For Brunswick Models 15, 22, 32, 42
Original replacement Part No. 3015. Shpg. wt. 10 lbs.
BR119—Your Cost Each..... **\$2.75**

Similar to the above, but for 25 cycle. Part No. 3030. Shpg. wt. 16 lbs.
BR120—Your Cost Each..... **\$4.25**

For Brunswick Models 11, 12, 16, 33
Original replacement Part No. 6070. Shpg. wt. 6 lbs.
BR122—Your Cost Each..... **\$3.45**

For Brunswick Models 17, 24, 25
Original replacement Part No. 6068. Shpg. wt. 8 lbs.
BR121—Your Cost Each..... **\$3.65**

Condenser Blocks



For Models S-14, S-21, S-31: Bremer-Tully Models S-81, S-82
The original replacement Part No. X652. Shpg. wt. 3 lbs.
BR262—Your Cost Each..... **\$1.25**

For Models 15, 22, 32 and 42
The original replacement Part No. 3029. Shpg. wt. 4 lbs.
BR265—Your Cost Each..... **\$2.25**

For Models 11, 12, 16 and 33
The original replacement Part No. 6023. Shpg. wt. 2 lbs.
BR274—Your Cost..... **\$1.95**

For Models 17, 24 and 25
Original replacement Part No. 6022. Shpg. wt. 2 lbs.
BR276—Your Cost Each..... **\$1.95**

Electrolytic Condensers

For Models 11, 12, 16 and 33
Original replacement Part No. 928. 6 Mfd.
BR290—Your Cost Each..... **95¢**

For Models 17, 24 and 25
Original replacement Part No. 929. 7 Mfd.
BR292—Your Cost Each..... **95¢**

Volume Control



For Models 15, 22, 32 and 42

The original replacement Part No. 3028. Plunger type.
BR401—Your Cost Each..... **\$1.95**

For Models 14, 21 and 31: Bremer-Tully Models 81, 82

The original replacement Part No. X-626. With line switch.
BR295—Your Cost Each..... **95¢**

For Models 11, 12, 16 and 33
The original replacement Part No. 6647.
BR308—Your Cost Each..... **75¢**

For Models P-3, P-10, P-11, PR-28C, PR-38C and PR-48C
The original replacement Part No. P-190.
BR415—Your Cost Each..... **55¢**

Tone Control for Models 11, 12, 16 and 33
The original replacement Part No. 6652.
BR314—Your Cost Each..... **85¢**

Speaker Cone and Voice Coil Assemblies



Furnished ready to install in set. Voice coils firmly cemented, will not pull-out.

For Models 15, 22, 32 and 42
Genuine replacement cone, Part No. 3069.
BR208—Your Cost Each..... **\$1.95**

For Models 11, 12, 16, 33, 17, 24 and 25. 8-Inch Cone
Genuine replacement cone, Part No. 6079.
BR207—Your Cost Each..... **\$1.75**

For Models 11, 12, 16, 33, 17, 24 and 25. 12-Inch Cone
Genuine replacement cone, Part No. 6078.
BR2030—Your Cost Each..... **\$1.95**

Replacement Field Coils

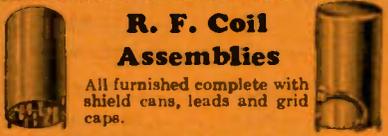


For Models 15, 22, 32, 42
Genuine replacement coil, Part No. 3806. Has D. C. resistance of 1610 ohms. Size 3" high, 2 3/4" diameter, 1 1/2" hole. Shpg. wt. 3 lbs.
BR215—Your Cost..... **\$2.25**

For Models 11, 12, 16 and 33
Replacement coil, Part No. 6840. Has D. C. resistance of 2400 ohms. Size 2 3/4" diameter, 1 1/2" high, 1 1/2" hole. Shpg. wt. 2 lbs.
BR219—Your Cost..... **\$1.95**

For Models 17, 24 and 25
Genuine Part No. 6868. D. C. resistance 1500 ohms. Size 2 3/8" diameter, 2 1/4" high, 1 1/2" hole. Shpg. wt. 3 lbs.
BR220—Your Cost..... **\$2.15**

REPLACEMENT PARTS



R. F. Coil Assemblies

All furnished complete with shield cans, leads and grid caps.

For Models 14, 21 and 31:
Bremer-Tully Models 81, 82
Genuine replacement coil, Part No. X-622.
BR127—
Your Cost Each **90¢**

For Models S-14, S-21 and S-31:
Bremer-Tully Models S-81, S-82
The original replacement coil, Part No. X-739.
BR125—
Your Cost Each **90¢**

For Models 15, 22, 32 and 42
Original replacement coil, Part No. 3016.
BR151—
Your Cost Each **95¢**

For Models 11, 12, 16 and 33
Original replacement Part No. 6043.
BR134—
Your Cost Each **95¢**

For Models 17, 24 and 25
Original replacement coil, Part No. 6053.
BR131—
Your Cost Each **95¢**

Antenna Coils

For Models 15, 22, 32 and 42
The original replacement Part No. 3017.
BR135—
Your Cost Each **90¢**

For Models 11, 12, 16 and 33
The original replacement coil, Part No. 6042.
BR129—
Your Cost Each **\$1.10**

For Models 17, 24 and 25
Original replacement coil, Part No. 6052.
BR156—
Your Cost Each **\$1.10**

Dial Scale Assembly for Models S-14, S-21 and S-31: Bremer-Tully Models S-81, S-82



The genuine Brunswick part for the above model receivers. Consists of drum dial and dial scale. Part No. X-608. Comes complete with set screws and adjustable dial cable anchor. Shpg. wt. 2 lbs.
BR2013—List \$2.00
Your Cost Each **85¢**

Dial scale only for the above assembly, Part No. X 613.
BR411—Your Cost Each **14¢**

Dial Scale for Models 11, 12, 16, 33, 17, 24 and 25



The genuine replacement scale, Part No. 6046. Transparent celluloid, with black numerals. List \$0.50
BR410—
Your Cost Each **22¢**

NOTE

Space limitations prevent us from listing every Brunswick and Bremer-Tully part in stock. Only the more popular items are shown on these two pages. We can, however, supply practically any radio or phonograph replacement part for all Brunswick and Bremer-Tully models. If you will write, giving model number of set, and name of part, we will immediately quote the lowest price for the merchandise. Technicians Service Data Books on all Brunswick and Bremer-Tully receivers produced during and after 1931 are available at 25¢ each. Requests for service data information will be efficiently taken care of by our technical staff.



Oscillator Coil Assemblies

These units come complete with shield cans. Contains padding condensers, plate and grid by-pass condensers, and grid lead with grid cap. Shpg. wt. 1 lb.

For Models 11, 12, 16 and 33
The original replacement coil, Part No. 6044.
BR154—
Your Cost Each **\$1.95**

For Models 17, 24 and 25
The original replacement coil, Part No. 6054.
BR153—
Your Cost Each **\$1.95**

I. F. Transformers

These units are furnished complete in aluminum shield cans. Have grid leads, trimmer condensers and mounting bracket.



For Models 11, 12, 16, 33, 17, 24 and 25. 2nd I. F. Transformer
The original coil, Part No. 6032. Used in both D and E chassis.
BR132—
Your Cost Each **\$1.65**

For Models 11, 12, 16, 33. 1st I. F.
Genuine replacement coil, Part No. 6031.
BR133—
Your Cost Each **\$1.35**

For Models 17, 24, 25. 1st I. F.
Genuine replacement coil, Part No. 6033.
BR315—
Your Cost Each **\$1.35**

Antenna Loading Coil



Part No. X-741. Used in models S-14, S-21, S-31 and Bremer-Tully models S-81 and S-82. May be used as a general replacement part.
BR161—Your Cost Ea. **25¢**

PHONOGRAPH REPLACEMENT PARTS

Orthophonic Reproducers for all Early Models



These excellently constructed units provide fine tone quality. Two types available: Type TO-501 has lock-on connector; type TP-501 has set screw connector. Can be used in many other orthophonic phonographs. Shpg. wt. 1 lb.

BR2086—Type TP 501
BR2083—Type TO 501. **\$1.95**
Your Cost Each,
Either Type.....

Aluminum Diaphragms

For use in the above described orthophonic sound boxes. Accurately constructed. By replacing the old diaphragm you can increase volume and better the tone quality.



BR2123—
Your Cost Each **29¢**
10 for **\$2.65**

Needle Screws

For all types of magnetic pick-ups. Have 2/56 thread. Every repair man should keep several on hand.
BR406—
Your Cost Each **4¢**

Phono-Input Transformer For Model S-31

The genuine Part No. X-769 for the above Fanotrope model. Matches the impedance of a 200 ohm pick-up to the grid of a type 27 tube. Fully shielded in metal case. Can be used as a general replacement. Shpg. wt. 4 lbs.
BR184—
Your Cost Each **\$1.75**



Governor Ball and Spring Assemblies

Used in types F, K and No. 3 motors, as used in Models 2KRO, 85, 95, 110, 108 and 1107. Can be used in many other electric motors.
BR2124—Your Cost Each **9¢**



Low Impedance Pick-up Coil

Genuine Part No. P-152. Impedance 20 ohms. Used in models S-31 and Bremer-Tully S-82. Can be used as a general replacement coil.
BR405—
Your Cost Each **22¢**



Solenoid Coil for Model 42 Automatic Record Changer

The genuine coil, Part No. 4367 used in the above model receiver. Controls operation of the automatic record changing mechanism by actuating the starting lever. Shpg. wt. 1 lb.
BR166—
Your Cost Each **\$1.25**



Tone Arm Switch For Model 42

The genuine Brunswick Part No. 4454. Used on model 42 automatic record changer. Causes records to reject at completion of the selection. Comes complete with insulated leads. Shpg. wt. 1 lb.



BR408—
Your Cost Each **\$2.45**

Rubber Dampers for all Magnetic Pick-ups

Brunswick Part No. P-180. Used on all magnetic pick ups.
BR404—
Your Set, Set of Two **3¢**

Replacement Part Headquarters for Dealers and Service Men



RCA-Victor Co., Inc.

for Genuine RCA-Victor



VICTOR Test Oscillator

Type TM V-97B



Similar in appearance to the type TMV-97A oscillator which was introduced to the service trade a short time ago, this new model incorporates many new and distinctive features. It is a compactly constructed, self-contained R.F. oscillator designed for service work in conjunction with all types of radio receivers. Covers an extremely wide frequency range of from 90 K.C. to 25,000 K.C. (3300 to 12 meters). This range is covered in eight steps, a range switch being provided to select the bands. The dial scale is calibrated directly in frequency and accurate to within plus or minus 3%. Employs two '30 tubes, and requires one 22½-volt "B" battery and one 4½-volt "C" battery. Attenuator, mounted on front panel, is efficient over the entire range. Variable Vernier dial is adjustable from 6:1 to 20:1 ratio. Enclosed in black wrinkle finish aluminum case provided with handle. Size 8½x9¼x4¼" Shpg. wt. 3¼ lbs., less batteries.

XJ10596—
 Test Oscillator,
 With tubes, less batteries.
Your Cost..... **25¢**

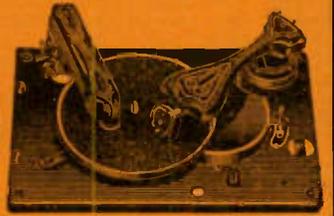
Burgess 22½-volt "B" Battery
Your Cost..... **65¢**

\$29.50

RCA VICTOR Automatic Record Changer Type RP106



For
33⅓ and 78 RPM
Recordings



Plays both 33⅓ and 78 R.P.M. recordings, and will automatically change a stack of 8 ten-inch or 7 twelve-inch records without any attention. Automatic ejector raises each succeeding record from the turntable. The new and improved type of pick-up assembly used on this mechanism has a flat response from 50 to 5000 cycles. A geared turntable is employed to change from 33⅓ to 78 R.P.M. Turntable speed is governed by means of a lever mounted on the panel. Records may be played manually, if desired. Motor is of the synchronous induction type and needs no other attention than an occasional oiling. All gears and moving parts, with the exception of the record ejector, are mounted underneath the panel. Other features include: phono-volume control mounted on panel; socket for panel light; new and used needle cups; rubber rest for pick-up head. Entire unit finished in dull silver. Size 18½" long, 12½" wide. Extends 4¾" below panel. Shpg. wt. 30 lbs.

XY19819—RCA Automatic Record Changer
List \$72.50
Your Cost..... **\$43.50**

Capacitor Pack Models R-8, R-10, R-12 and RE-19



Genuine Part No. 7342, for the above model sets. Shpg. wt. 3 lbs. List \$6.75.

XB534—
Your Cost..... **\$4.05**



Dial Drive Assembly

RCA Part No. 2999. Used in Models R7A, R-9, R-43, R-10, R-11, R-8, RE-18, RE-26, RE-16A, R-4 and R-6. Comes with friction rubber and screws and lock-washers.

XH9744—
Your Cost..... **24¢**

RCA Field Coil Assemblies



These assemblies consist of the field coil, magnet and cone support. In all the late model RCA-Victor receivers, the field coil is sealed in its housing. When these parts become defective, therefore, it is necessary to replace the entire assembly.

For Model R-22. RCA Part No. 7606.
XC2565— **\$1.24**
Your Cost.....

For Models R-28P, R-37 and R-38. RCA Part No. 8988.
XC2566—Your Cost..... **\$1.41**

For Model RE-40P. RCA Part No. 9003.
XC2567— **\$1.41**
Your Cost.....

For Model 331. RCA Part No. 9434.
XC2568— **\$2.80**
Your Cost.....

Replacement Field Coil R-14-15-17-34-42-48



Genuine Part No. 8599. D.C. resistance 1300 ohms. Size 2" high, 2¼" wide, 1" hole. Has long leads. Shpg. wt. 3 lbs.

XY19442—
Your Cost..... **\$1.20**

NOTE

We can supply any genuine RCA-Victor replacement part at a discount of 40% from the list price. This also applies to corresponding models of Westinghouse, Graybar, and General Electric. Just state model number of receiver and name of part desired. Requests given prompt attention.

RCA Book of Service Notes



1933
 Over 300 pages of service notes for all 1933 models. Book is bound with a stiff and durable fabric cover lettered in gold. Also contains other valuable information in the form of inductance, impedance and capacity charts, etc. Shpg. wt. 3 lbs.

XY19950— **\$1.00**
Your Cost.....

1931-1932

Similar to the above, but contains service data and schematics for all sets sold in 1931 and 1932. Also contains other helpful information. Shpg. wt. 3 lbs.

XY19997—Your Cost Each..... **\$1.00**



"Glow Tube" Output Indicator



A small, compact, visual output indicator designed for use with an oscillator when aligning radio receivers. Consists of a tapped step-up transformer, a potentiometer, a glow tube and three binding posts for connecting the output of the set to the transformer. Output impedances available are: 0.6, 1.5 and 4 ohms. Glow tube is extremely sensitive, and follows every variation in frequency and intensity of the signal impressed on the indicator. Bakelite case 5½x2½x2½" Shpg. wt. 2 lbs.

XJ10595— **\$4.00**
Your Cost.....



M-34 Remote Control Cable



A 30" remote control cable which governs the condenser gang and the dial scale. One end has a flattened shaft, the other has connecting rod for insertion in condenser gang coupling. Part No. 6497. Shpg. wt. 1 lb.

XC2599— **\$1.05**
Your Cost.....

M-34 Power Transformer



The Genuine RCA Part No. 9430 for the M-34 auto set. Delivers the necessary high voltages for the set. Takes only a few minutes to install. Has color coded leads. Shpg. wt. 3 lbs.

XD2013—List \$3.60. **\$2.16**
Your Cost.....

M-34 Filter Block

Genuine RCA Part No. 7600. Contains one reactor, one choke coil, one .5 mfd., two 4.0 mfd., and one 375 mmfd. capacitors. In metal container with crimping lugs. Color coded leads. Ready to install. Shpg. wt. 3 lbs.

XB1024— **\$2.44**
List \$4.06
Your Cost.....



RCA Auto Radio Panel Control Unit

Makes control unit of RCA-Victor Models M-123 and M-197 an integral part of the instrument panel. Specially designed for 1934 Ford, Plymouth, Chrysler, Dodge, and De Soto cars. May be adapted to other cars where sufficient space is available. Mounts flush with panel. Chromium finish with black enamel stripes. Comprises complete dial assembly, knobs, escutcheon and pilot socket. Shpg. wt. 2 lbs.

XN14618— **\$1.50**
Your Cost.....



Appoints
the

Authorized Distributors

REPLACEMENT PARTS



RCA-VICTOR I.F. Transformers

These intermediate frequency transformers are correctly engineered and well constructed. Ideal for use by the set builder. Average shgp. wt. 2 lbs.

For RCA R-80, 82, 86, RAE-68

XC2580—First I. F. RCA No. 8567.
XC2581—Second I. F. RCA No. 8565.
XC2582—Third I. F. RCA No. 8566.

Your Cost, Any Type..... **\$1.26**

For Models RE-20, R-50, 55, RAE-59, RAE-79

First I. F. RCA No. 7281. **\$1.20**

XC2583—Your Cost

Second I. F. RCA No. 7282. **\$1.44**

XC2584—Your Cost

Third I. F. RCA No. 7283. **\$1.95**

XC2585—Your Cost

For Models R-4, R-6, R-7, 7A, 7D.C., R-9, R-9 D.C., R-10 D.C., RE-16A

First I. F. RCA No. 2991. **\$1.22**

XC2586—Your Cost

Second I. F. RCA No. 2992. **\$1.32**

XC2587—Your Cost

For Models R-11, RE-18, RE-18A, R-21 and RAE-26

First I. F. RCA No. 7266. **\$1.32**

XC2588—Your Cost

Second I. F. RCA No. 7267. **\$1.20**

XC2589—Your Cost

For Models R-8, R-10, R-12 and RE-19

XC2590—First I. F. RCA No. 7340. **\$1.20**

XC2591—Second I. F. RCA No. 7341.

Your Cost, Either Type.....

\$1.20

XC2592—First I. F. RCA No. 7342. **\$1.20**

XC2593—Second I. F. RCA No. 7343.

Your Cost, Either Type.....

\$1.20

XC2594—First I. F. RCA No. 7344. **\$1.20**

XC2595—Second I. F. RCA No. 7345.

Your Cost, Either Type.....

\$1.20

XC2596—First I. F. RCA No. 7346. **\$1.20**

XC2597—Second I. F. RCA No. 7347.

Your Cost, Either Type.....

\$1.20

XC2598—First I. F. RCA No. 7348. **\$1.20**

XC2599—Second I. F. RCA No. 7349.

Your Cost, Either Type.....

\$1.20

XC2599—First I. F. RCA No. 7340. **\$1.20**

XC2600—Second I. F. RCA No. 7341.

Your Cost, Either Type.....

\$1.20

XC2601—First I. F. RCA No. 7342. **\$1.20**

XC2602—Second I. F. RCA No. 7343.

Your Cost, Either Type.....

\$1.20

XC2603—First I. F. RCA No. 7344. **\$1.20**

XC2604—Second I. F. RCA No. 7345.

Your Cost, Either Type.....

\$1.20

XC2605—First I. F. RCA No. 7346. **\$1.20**

XC2606—Second I. F. RCA No. 7347.

Your Cost, Either Type.....

\$1.20

RCA VICTOR Balanced Pick-up



Genuine RCA part used in Models R-86, RE-17, RE-57, RAE 68 and T 5 Electrola. Composed of three parts: Pick-up Head No. 7085 with an impedance of 20 ohms; Arm and Base No. 10892. For use with long playing records.

Finished in dull silver. Shgp. wt. 7 lbs. **\$4.50**

Special RCA-VICTOR Two Speed Pick-up

33 1/3 and 78 R.P.M.



The most advanced counter balanced pick-up assembly available, used on the new 1934 automatic combination Model 331. Pick-up Head, designed according to the latest developments of the RCA engineers, shows a substantially flat frequency response from 50 to 5000 cycles. Arm is heavily weighted to provide best needle pressure on both 33 1/3 and 78 R.P.M. records. Base of arm is mounted in a special rubber cushion so that pick-up rides free at all times. Unit comprised of Pick-up Head No. 6542 with an impedance of 28 ohms, Pick-up Arm No. 6543 and Escutcheon No. 3779. Provided with shielded connecting cable, coupler and stop rod. Finished in dull silver. Shgp. wt. 8 lbs. **\$5.17**

Pick-Up Head for RCA Model 67



Part No. 2601. Impedance of coil 48.5 ohms. Has long leads. Shgp. wt. 2 lbs. **\$2.40**

For Victor Models RE-45 and RE-75

Victor Part No. 10779. Used in the above model combinations. Impedance 200 ohms. Has fine frequency response. Shgp. wt. 2 lbs. **\$2.86**

Pick-up Head for

RCA R-86, RE-17 and RAE-68
VICTOR RE-57-T5



The genuine RCA Part No. 7085 used in the popular balanced pick-up assemblies with the above model receivers. Coil has an impedance of 20 ohms. Has pin terminals for cable connections. Shgp. wt. 2 lbs. **\$2.40**

For RE-80, RE-81, RE-84

Part No. 6935. S similar in appearance to the above. Impedance 7 ohms. Pin jack connections. Shgp. wt. 2 lbs. **\$2.40**

For RCA Model 331

Part No. 6542. Similar in appearance to the above. The most sensitive pick-up in the RCA line. Has a flat response from 50 to 5000 cycles. Uses newly developed anchored damping block. Finished in dull silver. Impedance 28 ohms. Shgp. wt. 2 lbs. **\$2.49**

XC392—Your Cost.....

Midget Phono-Motor and Pick-up Assembly



By far the most ingenious device produced to allow for phonograph reproduction where space is at a premium. The motor, for operation on 110 volts 60 cycles A. C., measures only 7" in diameter and 2 1/2" deep. Synchronous type, but not self starting. It is only necessary to give turntable a slight push and the motor will start immediately and reach its full speed of 78 R.P.M. in a few seconds. The Pick-up Unit measures only 6 3/4" from needle screw to tip of arm. Although midget in size, it is fully as efficient as the full sized pick-ups. Impedance of the coil is 2500 ohms. Comes complete with head, arm and connecting cable. **XC355—Midget Motor, RCA No. 9038. Shgp. wt. 7 lbs. \$4.80**
XC356—Midget Pick-up, RCA No. 6592. Shgp. wt. 2 lbs. \$3.00

Drive Springs for Victor Orthophonic Victrolas

Two types available. Part No. 8656 will fit Victor Portable and Table Models 2-65, 2-30, 1-90, 2-55, 2-60, T-90, 2-25, and the console Models 7-11 and V-30. Also fits many other makes of phonographs. Part No. 10148 is used in the Victor Models 4-40, 4-20, 7-10, 7-25, 7-30, 8-9, 8-36 and 8-8. Shgp. wt. 2 lbs. **69¢**



VICTOR Pick-up Coils REPLACEMENT COILS

For all models of RCA and Victor receivers Consult list for proper type.

| Cat. No. | RCA No. | Ohms Imp. | Models | Your Cost |
|----------|---------|-----------|--|-----------|
| XA174 | 2265 | 3300 | 9-25, 9-55, CD-20X | \$0.72 |
| XA186 | 2314 | 20 | 9-16, 9-56, 12-15, 10-69 | .65 |
| XA175 | 2641 | 200 | AZ-1604 | .60 |
| XA169 | 2769 | 20 | R-86, RE-57, RE-17, T-5, RAE-26, RAE-59, RA-E-79 | .30 |
| XA395 | 3168 | 12.7 | RE-73, RE-16, RE-19 | .30 |
| XA396 | 3385 | 7 | RE-81, RE-84, RE-80 | .30 |
| XA397 | 6118 | 48.5 | RE-16A | .30 |
| XA398 | 10777 | 200 | RE-45, RE-75, E-35, E-135 | .30 |

Orthophonic Sound Box

The finest unit of its kind. Will improve tone and volume of any Victrola. RCA Part No. 6927. Shgp. wt. 1 lb. A ribbed aluminum diaphragm provides better frequency response. Shgp. wt. 1 lb. **XC350—Your Cost..... \$2.70**



Perfect Merchandise - Prompt Shipment - Personal Service

Read THIS PAGE before ORDERING!



WE RETURN ALL UNUSED POSTAGE

BE SURE TO INCLUDE POSTAGE WITH YOUR ORDER

Parcel Post Rates for Various Zones

Parcels up to 8 oz. may be shipped anywhere in U. S. A. for 1½¢ for each 2 oz. Rates Subject to Change by U. S. Postal Authorities

| Zone Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------------------------|------|------|----|------|------|-----|-----|-----|
| Cost for 9 to 16 oz. | 8c | 8c | 9c | 10c | 11c | 12c | 14c | 15c |
| Each addit'l lb. or fraction | 1.1c | 1.1c | 2c | 3.5c | 5.3c | 7c | 9c | 11c |

TERMS

Wholesale Radio Service Company buys for cash and sells for cash. That is the secret of our low price policy. We cannot afford to give credit as we ask none ourselves.

We ship C. O. D. if desired, providing a deposit of 20% accompanies your order. **We cannot ship C. O. D. without a deposit.** C. O. D. packages can be shipped to all parts of the United States, Porto Rico, Hawaii, Alaska and Mexico. We CANNOT ship C. O. D. to any country outside of the United States, excepting those mentioned. Orders generally, cannot be sent Parcel Post, C. O. D. care of banks, as most banks refuse to handle such shipments.

The safest and best way to send money is by postal, express, or telegraph money order, bank draft or firm checks. Do not send cash. If absolutely necessary to send cash, register the letter.

ON ALL ORDERS FOR FIFTY (\$50.00) DOLLARS OR MORE DEDUCT 2% FROM THE TOTAL AS A TRANSPORTATION ALLOWANCE EXCEPT ON READRITE, TRIPLETT AND NATIONAL PRODUCTS.

IMPORTANT. Indicate catalog number and stock number on order blank. The number of this catalog shown on front cover is 56.

When ordering, specify method of shipment you prefer. In the upper right hand corner of the order blank you will find a series of squares marked "Express," "Parcel Post," "Freight," "Boat," and "Best Way" arranged for your instructions. All merchandise shipped by express subject to inspection if you specify this in your order blank.

IF YOU FIND IT NECESSARY TO RETURN ANY MERCHANDISE FOR ADJUSTMENT PLEASE WRITE, STATING FULL DETAILS, BEFORE RETURNING PACKAGE. We will IMMEDIATELY forward necessary shipping instructions. Your co-operation in this respect will be appreciated—and it will help us to give you better service.

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Orders from foreign countries receive careful attention. They are packed and shipped to ensure very prompt and satisfactory delivery.

Our terms on ALL foreign sales are as follows: Payment in New York by letter of credit against documents, or 50% deposit WITH ORDER, balance sight draft against Bill of Lading. These conditions will not apply to certain countries where rigid exchange control conditions exist. In countries where rigid exchange control exists, merchandise plus transportation charges must be paid for in full in New York before shipment can be made. All quotations F. O. B. 100 Sixth Avenue, New York, with slight additional charge for export packing. **ORDERS UP TO \$25.00 PAYABLE IN FULL IN ADVANCE, PLUS SHIPPING CHARGES.** Remittance by draft on New York bank in U. S. Currency. We do not recommend that you send us foreign checks, as shipment will be delayed until cleared.

The average Parcel Post rate on foreign shipments is 14c per pound. Insurance rate averages 1¼ per cent of the order's value, with a minimum rate of 25 cents.

Our catalog prices are F.O.B. warehouse, packed for domestic shipment. For Special export packing and delivery to pier, there is a slight additional charge covering our extra costs. There is no extra charge for shipments to points outside the United States, which can be forwarded packed as for domestic shipment.

PARCEL POST

Freight and Express shipments are sent transportation collect. Orders shipped by parcel post must be prepaid, and we therefore request that you **INCLUDE POSTAGE FOR PARCEL POST SHIPMENTS.** Estimate the cost of postage to your town by finding the weight of the articles you are purchasing (weight of each item is given in catalog) determine the zone in which your town is located, and then from the above chart you can find the cost of sending the package to your town.

Example: Mr. John Jones lives in Edwight, West Virginia. He orders a condenser, which according to the catalog weighs 3 pounds. The nearest big city to Edwight is Charlestown, which he finds from the above chart is in the 4th zone. The cost of sending 3 pounds to the 4th zone is 17c and he adds this amount to his remittance plus cost of insurance.

INSURANCE

All parcel post packages are covered against damage or loss. Insurance costs and postage should be added to the amount sent. Charges are as follows:—

| When value of parcel is up to | Charge is |
|-------------------------------|-----------|
| \$5.00 | 5 cents |
| between 5.00 & \$25.00 | 10 " |
| 25.00 & 50.00 | 15 " |
| 50.00 & 100.00 | 25 " |

After \$100.00 value the charge for each \$50.00 additional is 5 "

C. O. D. SHIPMENTS

Transportation charges on C. O. D. parcels are slightly higher than those fully prepaid. C. O. D. charges in addition to the regular postage costs outlined are as follows including insurance:—

| When value of parcel is up to | the extra charge is |
|-------------------------------|---------------------|
| \$5.00 | 12c (Incl. Ins.) |
| between 5. & \$25. | 17c |
| 25. & 50. | 22c |
| 50. & 100. | 32c |
| 100. & 150. | 40c |
| 150. & 200. | 45c |

For each \$50.00 value above \$200.00 the charge is 5c more (including Insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel.

If you are doubtful as to the correct amount do not hesitate to send us sufficient postage. We GUARANTEE to refund any excess remittance.

Parcel post shipments to all zones must not exceed 70 pounds. The limit of size on all parcel post packages is one hundred inches in length and girth combined. Example: a package 35 inches long, 10 inches wide and 5 inches high, measures 65 inches in length and girth combined. (Length 35 inches, plus 2 x 10 inches width, plus 2 x 5 inches height, equals 65 inches).

OUR SERVICE

We endeavor at all times to give you the finest possible service. According to figures prepared by our Traffic Department, 96% of all orders are shipped within 24 hours of receipt. Very often orders go forward within a few hours after their arrival. All packages are inspected before shipment to avoid errors and delays.

SPECIAL NOTICE

Wholesale Radio Service Co. has two branches located at strategic points for your convenience. These branches located in Newark, New Jersey, and the other in Atlanta, Georgia, are fully equipped to serve you quickly and efficiently either personally over the counter, or by mail.

TO INSURE PROMPT DELIVERY

To insure prompt delivery of your orders or correspondence to us and to avoid possible error by the Post Office please make certain that you write (preferably print) or type our FULL name:

Wholesale Radio SERVICE Company, Inc.
on all letter envelopes or packages.

Prices Subject to Change Without Notice!

Copyrighted 1934 by W. R. S. Co.



Wholesale Radio Service Company, ever since its inception, has made it a particular point to cooperate with radio amateurs the world over. When you call upon us to take care of your needs, radio amateurs, such as you yourself, take care of your requests.

It is quite well known that we have in the past designed and built transmitters, special modulation equipment, etc., all of this work, however, being done to specifications and special orders. We are more than pleased at this time, therefore to announce our new standard line of **Transmitting Equipment.**

We have two entirely new Transceivers for 5 meter work and a new 100 Watt Multi-Band C. W. and Phone Transmitter. After several months of intensive research and experimentation our engineering department has succeeded in developing a number of truly sensational units. These have been both field and air tested and the reports we have received have been so flattering that we anxiously await your comments when you try them. For a complete description of each of them we refer you to the following two pages and should you require any additional information please write us.

This new department will introduce in the near future a complete selection of both C. W. and Phone Transmitters from "flea-power" size up to the largest permitted

by the Federal Communications Commission. We here at Wholesale are particularly interested at this time, as we have always been, in receiving your comments and suggestions as to what you would like to see incorporated either in our products or in our service to you. Let us know just how you think we can be of greater service to you.

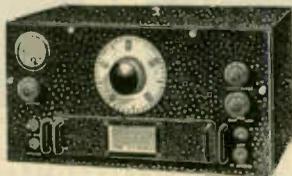
In turn we want you to feel free to call upon us for any assistance you may require in solving any problems which will arise in your amateur activities. We may or may not be able to help you but in any event it is possible that someone in the Gang here at Wholesale has had the same problem to overcome at some time in his work. We also have the complete facilities of the Lafayette Research Laboratory and Bureau of Standards at our command and we feel sure that nine times out of ten we can be of real assistance to you. And while we are on the subject of the Laboratory—we have a number of new things we are now working on in there but we are not as yet ready to release any information concerning them. As soon as we can, however, we will pass the news on to you in forthcoming bulletins and catalogs.

Best 73's from the Gang—sig.—

W2CF, W2FB, W2ND, W2AMJ, W2CLS, W2CDL, W2DHW, W2DIB, W2DNR, W2HNM.

NATIONAL "HRO"

9-Tube Super-Het Amateur Receiver



This new National HRO was designed to meet the demand for a receiver that would meet the most exacting requirements of the most advanced amateur. Every feature found to be desirable has been embodied in its design. Nine tubes (not including the rectifier) are used in a well balanced circuit. The 2½ volt model uses: 4—56's, 3—57's, 1—2B7, and 1—2A5. The power supply requires 1 type 80. The 6 volt model uses: 4—6D6's, 3—6C6's, 1—6B7 and 1—42. Power supply (for A. C. operation) requires 1 type 80. A model with built-in power supply, known as the HRO-S, is also available.

Circuit features include: **Two Stages of Pre-Selection** give remarkable image frequency suppression and weak signal response. First R. F. stage designed to provide maximum gain, and provide highest signal to noise-ratio. **Air Tuned I. F. Transformers** are used and provide exceptional sensitivity and selectivity. A **Lamb-Single Signal (Crystal) Filter** precedes the I. F. amplifier. All controls brought out to front panel. **Automatic or Manual Volume Control** selected by means of switch on panel. **Vacuum Tube Voltmeter** indicates carrier intensities directly in R units. A **Neon Trigger Lamp** wired across the input circuit automatically shunts the terminals whenever excessive voltages are picked up by the antenna. This device also eliminates blocking and permits quick come-back when operating on the break-in system. **Phone Jack** is provided on front panel, as well as a Send-Receive switch for cutting B voltages during transmission. **Four Gang Condenser** with worm drive tuning affords a 20:1 ratio; free from back-lash. **Ganged Plug-in Coils** employed; same coils used for either band spread or general coverage. Each of the four coil units in the assembly has an individual aluminum shield with the calibration curve for the range covered. Complete set of coils, supplied as standard equipment with each receiver, cover the range from 1.7 M. C. to 30 M. C.

Entire receiver mounted in metal chassis, finished in black crystalline. Size 8¼x17¼x10" Panel for Relay Rack mounting is available. Shpg. wt. 30 lbs.

XN13770—HRO-2 Receiver, complete with coils, less tubes, speaker and power supply. List \$233.00

XN13771—HRO-6 Receiver, complete with coils, less tubes, speaker and power supply. List \$233.00

Your Cost, Either Type **\$139.80**

XN13772—HRO-S Receiver with built-in power supply and full set of coils. Less tubes and speaker. List \$257.00

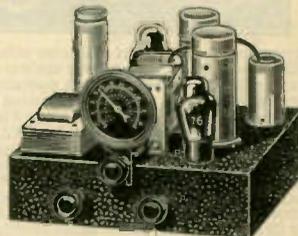
Your Cost **\$154.20**

Two additional sets of coils covering from 550 to 900 and from 900 to 1700 Kc. List \$20.00 per set.

Your Cost, Per Set **\$12.00**

Lafayette Short Wave Converter

- ★ Low Noise to Signal Ratio
- ★ Low Hiss Level
- ★ Provisions for Doublet Antenna
- ★ Easy to Operate
- ★ Individually Tuned Circuits



Guaranteed short wave reception. This Lafayette Short Wave Converter was designed solely for the purpose of offering to the radio trade a converter both easy to install and operate and highly efficient in operation. Exhaustive field tests have proven this goal has been reached. Circuit employs four tubes as follows: one 6C6 as first detector and modulator; one 6D6 as I. F. amplifier; one 76 as oscillator and one 80 rectifier. Power supply is built in. For 50-60 cycles, 105-125 volts A. C. Covers the range from 13 to 200 meters in four steps: from 1.5 to 3.3; from 3.0 to 6.8; from 6.0 to 12.5 and from 11.0 to 23 Megacycles.

LOW HISS LEVEL

Due to the development and inclusion in the circuit of an entirely new form of modulation, the hiss level has been brought so low that it does not interfere with or become noticeable during reception.

LOW NOISE TO SIGNAL RATIO

Efficient shielding and scientific wiring of chassis have resulted in an extremely low noise level.

EASY TO OPERATE AND INSTALL

Installation consists of connecting two wires; one to antenna and one to ground post of the receiver with which converter is used. Operation consists of selecting desired band by means of a band switch, and tuning by means of Vernier tuning dial. Dial affords an 8:1 reduction ratio and is calibrated directly in Megacycles.

INDIVIDUALLY TUNED CIRCUITS

All circuits individually tuned. Each coil tuned by a separate trimmer condenser.

PROVISIONS FOR DOUBLET ANTENNA

Two binding posts on rear of chassis provided for doublet antenna connections. Single wire antenna may also be used. Unit housed in metal chassis finished in black crystalline. Size 10" long, 7¼" wide and 7" high. Shpg. wt. 15 lbs.

XP15914—Lafayette Short Wave Converter, less tubes. **\$19.95**

Your Cost **\$19.95**

Set of Matched Tubes for above. **\$1.55**

Your Cost **\$1.55**

New Lafayette 100 WATT

Uses "Suppressor - Grid" Modulation and the New "Les-tet" Exciter

Lafayette engineers are proud to announce this new and modern up-to-the-minute 100 watt C. W. and Phone Transmitter. Not only is it the greatest dollar value in initial cost but for its rated output it is the most economical transmitter to operate ever offered to the amateur.

Has All the Latest Features

It incorporates such modern features as suppressor-grid modulation that provides 100% modulation with a minimum of modulating equipment . . . crystal frequency control . . . the new "Les-tet" harmonic oscillator which with a single 2B6 tube provides a stable crystal oscillator and is a very efficient doubler or a neutralized buffer stage having more than sufficient output to excite the 100 watt Class C Pentode Amplifier . . . and a universal antenna matching unit that permits successful operation of the transmitter on practically any type of antenna.

Entirely Self Contained

The entire transmitter is contained in a single rack. Just connect a key, a crystal microphone and the antenna. Insert the A. C. plug into any 110 volt 60 cycle A. C. outlet and you are ready to operate. You have plenty of sock—and a clean note on C. W. plus a broadcast quality phone that has an absolute minimum of amplitude

distortion. And best of all operating and maintenance cost are at an absolute minimum.

The output stage is a Push-Pull RK20 Pentode Amplifier having a conservatively rated output of 100 watts. Other units include a 2B6 Suppressor-Grid Modulator unit, a Universal Antenna Coupling unit and a Power Supply. On this and the adjacent page are individual descriptions of each unit.

Complete control is had over the entire transmitter through the use of meters permanently connected in circuit wherever required. Transmitter comes complete with one set of coils (your choice of 80, 40 or 20 meter bands). Additional sets of coils are available. Crystal not included. Rack dimensions 16 3/4 x 19 3/4 x 7 1/2" high. Shpg. wt. 376 lbs.

XN13992—Lafayette 100 watt transmitter, complete with one set of coils but less tubes, key, microphone and crystal. **\$175.00**

Your Cost

Kit of Tubes: 2—RK20, 2—2B6, 1—57, 5—83's.

Your Cost \$35.44

XN13993—Extra Set of Coils: 80, 40 or 20 meters. Specify Band desired.

Your Cost \$4.25

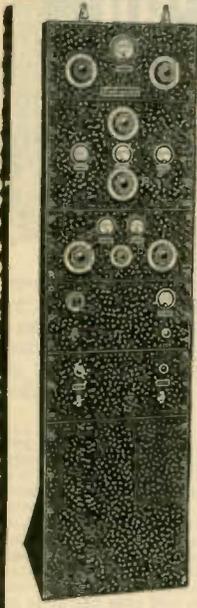
Mounted Crystal. Specify frequency.

XN13988—80 Meter Band. **Your Cost** \$3.25

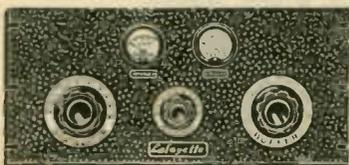
XN13989—40 Meter Band. **Your Cost** \$3.95

XM13363—Crystal Microphone. Shpg. wt. 2 lbs.

Your Cost \$12.60



Lafayette Exciter Unit



A new harmonic type of oscillator using a single 2B6 tube that serves as both crystal oscillator and buffer or doubler. When operating at the crystal frequency the output section acts as a neutralized buffer stage. Developed in our own laboratories by Mr. Frank Lester W2AMJ this unit has between 7 and 10 watts output and can be used as a low power transmitter or to excite pentode R. F. stages up to 100 watts or any other buffer or amplifier requiring this amount of excitation. Plug in coils for 80, 40 or 20 meter bands. Rack panel 19x8 3/4". Shpg. wt. 20 lbs.

XN13994—Exciter Unit with 1 set of coils. (Specify band desired) less crystal.

Your Cost **\$29.75**

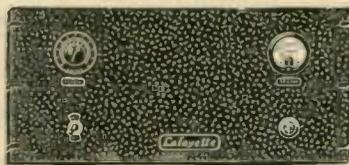
XN13993—Extra Coils per Set. **Your Cost** \$1.75

Mounted Crystal. Specify Frequency.

XN13988—80 Meter Band. **Your Cost** \$3.25

XN13989—40 Meter Band. **Your Cost** \$3.95

Lafayette Modulator Unit



Designed expressly for suppressor-grid modulation of a pair of RK20 tubes in class "C". Provides 100% modulation. Excellent frequency response. Particularly designed for use with a crystal microphone. Uses a 57 and a 2B6 tube with an 83 mercury vapor rectifier in the self contained power supply. Output transformer designed for use with RK20 suppressors. Meter provided for reading suppressor current as modulation indicator. No-noise gain control. Has A. C. switch and pilot light. This unit may also be used with a double button carbon microphone or a condenser microphone by adding a Lafayette Senior In-put Stage. Rack panel mounting 19x8 3/4". Shpg. wt. 25 lbs.

XN13995—Lafayette 2B6 Modulator Unit less tubes. **\$23.75**

Your Cost

Kit of Matched Tubes. 1—57, 1—2B6, 1—5Z3.

Your Cost \$2.49

Lafayette Power Supply

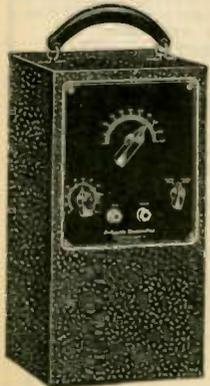


This is the Power Supply used in the complete Lafayette Transmitter. Supplies 1250 V. at 250 Ma., and 550 V. at 200 Ma. Also supplies 2.5 V. at 6 amps. and 7.5 V. at 6 amps. Uses 4 type 83 mercury vapor rectifiers in a bridge circuit. A separate filament transformer is used for the 83 filaments. Separate switches and pilot lights are provided for plate and filament transformer primaries. No electrolytic condensers are used. Bleeders are provided. Regulation is exceptionally good and ripple voltage is extremely low. The circuit is so arranged that a time delay relay for delaying plate voltage application can be installed easily at any time. Construction throughout is exceptionally sturdy. Made for rack panel mounting 19x8 3/4". Black crystallized finish. Shpg. wt. 60 lbs.

XN13996—Lafayette "High Power" Power Supply, less tubes. **\$49.50**

Your Cost

Four 83 Tubes. **Your Cost** \$2.36



New! Lafayette "19" Transceiver for 5 Meters or 56-60 Megacycles

A new Transceiver that really gets out and lets you do things. One of the most powerful portable units ever offered in this class. Using a type 19 tube in a push-pull oscillator it has a power output of approximately 2 watts in comparison to the ordinary type 30 oscillator with an output of approximately .2 watt. Practically a ten-fold increase! The complete circuit consists of a type 19 oscillator modulated by another type 19 in class "B" driven by a type 30 driver. Oscillator is unity coupled using 3/4" copper tubing with threaded grid coil soldered directly to the socket terminals, thus making a rigid vibration proof oscillator circuit so important for high frequency work. All batteries are self-contained in the lower half of the case. The upper half being devoted to the transceiver proper. Reception is obtained by converting the oscillator into a sensitive super-regenerative detector followed by the 30 as a first stage

audio and the second 19 as a class "B" push pull output stage. More than enough output is obtained for speaker operation if desired.

Jacks for mike and headphones are provided on the face of the panel. Batteries required are 135 V. of "B", 7.5 V. of "C", 1—4.5 V., and 2 No. 6 Dry Cells. Overall case dimensions are 15" high, 7 1/4" wide, 6 1/4" deep. Finished in crystalline black with etched panel. Shpg. wt. 18 lbs.

XN13997—Lafayette "19" Transceiver, less tubes and batteries. **\$17.95**

Your Cost

Set of Burgess Batteries. 3—5308, 1—2370, 1—5540, 2—6A. **Your Cost** \$3.77

Kit of Tubes. 1—30, 2—19's. **Your Cost** \$1.73

XM13409—AMERICAN Single Button Hand Mike \$3.75

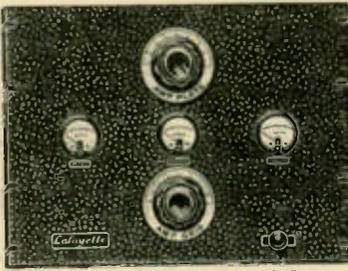
Despite the low power used in Transceivers a license is required for their operation.

WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave. New York

TRANSMITTER

Lafayette P.P. RK20 Amplifier

A 100-watt Push-Pull Pentode R.F. Amplifier especially designed for tubes of the RK20 type. Particularly adapted for suppressor-grid modulation. Switch incorporated for change over from phone to C.W. plug-in coils permit use on 80, 40 or 20 meters. Meters accurate to 2% are provided for grid, screen and plate current readings. Requires 1000-1250 volts at 150-200 M.A., 300 volts at 50-75 M.A., 7.5 volts at 6 amps., and 45 volts bias supply. Isolantite sockets and Cardwell condensers used. Link coupling input. Rack Panel mounting 19x14". Shpg. wt. 25 lbs.



XP15921—Lafayette P.P. 100-watt Pentode R.F. Amplifier with 1 set of coils (80, 40, or 20 meters). Specify band desired. Less tubes. **Your Cost \$36.50**

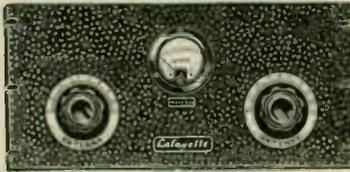
XN13993—Extra Set of Coils. Specify band desired. **Your Cost \$2.50**

Two Raytheon RK20 Pentode Transmitting Tubes. **Your Cost \$28.60**

Lafayette Universal Antenna

Coupling Unit

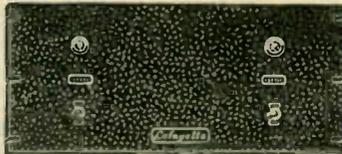
Accurately matches antenna and transmitter output impedances so that maximum performance can be obtained at any frequency with any antenna. Either single or two wire feeds may be used. Both coupling and tuning are accomplished with individual condensers. Harmonics are well suppressed. Meter provided for reading antenna current. Rack Panel 19x8 3/4". Shpg. wt. 10 lbs. **Your Cost \$29.75**



Lafayette "Medium Power"

Power Supply

A lower power unit than that used in the complete transmitter. Supplies 1250 volts at 150 M.A. and 550 volts at 100 M.A. Uses 3 type 83 mercury vapor rectifier tubes in a bridge circuit. Separate switches and pilot lights provided for filament and plate transformer primaries. Suitable for use with transmitters up to 50 watts. Only the finest quality components and workmanship are used throughout. Heavy steel chassis and panel assures permanent alignment and provides ample shielding. Designed for rack mounting. Panel 19x8 3/4". Shpg. wt. 60 lbs.



XN13950—Lafayette "Medium Power" Power Supply, less tubes. **Your Cost \$32.50**

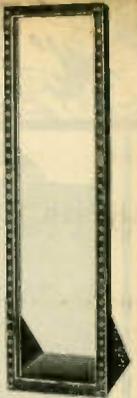
Three Type 83 Tubes. **Your Cost \$1.77**

Standard Relay Racks and Rack Panels

Sturdy spot welded steel racks finished in black crystallized lacquer. These are standard relay racks for use with standard 19" long panels and are accurately drilled for mounting screws every 1 1/4". Holes tapped for 10/32 thread. Substantially braced base to prevent wobble and to keep units in correct alignment. Can be used for Transmitters or Public Address Systems. Steel panels available in sizes listed below to fit rack. Finished in black crystallized lacquer and are slotted for mounting screws at ends. Panels are 1/8" thick. Blank sub-bases are also available in two sizes and are finished to match panels and racks.



These are the same types of panels and racks that are used in our own transmitters—they are NOT cheap flimsy ones built down to a price! It pays to buy a good rack.



| Stock No. | Height | Width | Depth | Shpg. Wt. | Your Cost |
|----------------|--------|---------|-------|-----------|-----------|
| XY22150 | 6 ft. | 19 3/4" | 16" | 60 lbs. | \$10.95 |
| XY22151 | 3 ft. | 19 3/4" | 16" | 30 lbs. | 8.95 |

| Steel Rack Panels 19" Long | | | | | | | |
|----------------------------|---------|-----------|-----------|----------------|---------|-----------|-----------|
| Stock No. | Width | Shpg. Wt. | Your Cost | Stock No. | Width | Shpg. Wt. | Your Cost |
| XY22160 | 7" | 8 lbs. | \$0.80 | XY22165 | 15 3/4" | 14 lbs. | \$1.80 |
| XY22161 | 8 3/4" | 9 lbs. | 1.00 | XY22166 | 17 1/2" | 15 lbs. | 2.00 |
| XY22162 | 10 1/4" | 10 lbs. | 1.20 | XY22167 | 19 1/4" | 16 lbs. | 2.20 |
| XY22163 | 12 1/4" | 12 lbs. | 1.40 | XY22168 | 21" | 17 lbs. | 2.40 |
| XY22164 | 14" | 13 lbs. | 1.60 | | | | |

Blank Steel Chassis or Sub-bases

| Stock No. | W.L.D. | Your Cost | Stock No. | W.L.D. | Your Cost |
|----------------|---------|-----------|----------------|----------|-----------|
| XY22155 | 8x17x2" | \$1.60 | XY22156 | 11x17x3" | \$1.95 |

Lafayette "Tunable" 5 Meter Antennas



The doublet type consists of two adjustable quarter wave rods equipped with a 12-inch insulating bracket. Can be mounted in any position desired—horizontal or vertical. Overall length can be varied from 52 inches to 9 feet, permitting tuning the aerial to any desired frequency within these limits. Made of aluminum, each half in three sections. Equipped with binding posts for feeders. Shpg. wt. 2 lbs.

XR17080—Lafayette 5-Meter Doublet Antenna. **Your Cost \$3.00**

"Half-Wave" Type



An adjustable "half-wave" antenna made of aluminum tubing threaded at bottom and equipped with insulated mounting so that antenna may be mounted on automobile, boat, etc. Equipped with binding post for feeder. Extends from 38 inches to 9 feet permitting tuning anywhere within this range. Shpg. wt. 2 lbs.

XR17081—Lafayette 5-Meter "Half-Wave" Antenna. **Your Cost \$1.95**

High Frequency Feeder Spreaders

Low power factor, light weight feeder spreaders for use with doublet antennas.

| Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost |
|---------------------|-----------|---------------------|-----------|----------------------|-----------|
| XR17181 —5". | 10¢ | XR17182 —7". | 15¢ | XR17183 —12". | 20¢ |

New Lafayette "30" Transceiver For 5 Meters or 56-60 Megacycles

Using the popular 30 and 33 tube combination this new Lafayette "30" Transceiver is a considerable improvement over others of this type. Not only has the electrical portion been improved but the mechanical design is such as to provide a more rugged construction better suited to portable usage.

A type 30 tube is used as the oscillator for transmitting with a type 33 pentode as modulator providing a signal that is strong and clearly understood. Inductances are wound with hard drawn copper and rigidly mounted to prevent vibration. All batteries are self-contained in the lower half of the case thus using leads of fixed length and being fully shielded. The upper half of the case is devoted to the Transceiver proper. For reception the 30 oscillator is converted into a sensitive super-regenerative detector followed by a high gain audio stage using the 33 pentode. Sufficient volume is secured to operate a loud speaker in most cases. Jacks for

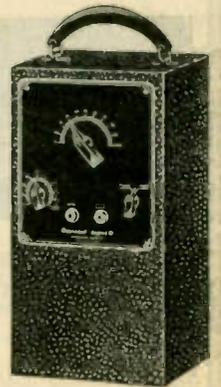
mike and headphones are provided on the face of the panel. The case is 15" high, 7 3/4" wide and 6 1/2" deep finished in crystallized black lacquer and equipped with a leather handle. Batteries required are 135 volts "B", 13 1/2 volts "C" and two 1 1/2 volts dry cells. The only accessories required outside of the case are the antenna, mike and headphones. Shpg. wt. 15 lbs.

XN13986—Lafayette "30" Transceiver. **Your Cost \$9.95**

Set of Burgess Batteries; 1—5156, 3—5308, 2—6A. **Your Cost \$3.72**

Kit of Tubes, 1—30, 1—33. **Your Cost \$1.19**

XM13435—Single Button Hand Mike. **Your Cost \$1.95**

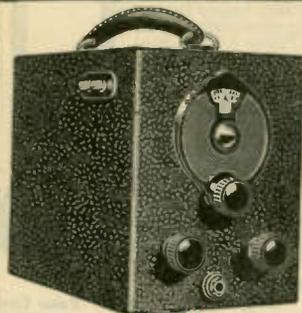


Despite the low power used in Transceivers a license is required for their operation.

Replacement Part Headquarters for Dealers and Service Men



EXPERIMENTERS build your own SHORT WAVE SETS and SAVE MONEY



- Weighs only 9 lbs. including batteries!
- Fully shielded.
- Audio Stage.

The "Band Spread" Portable A Combined S. W. Receiver and Monitor

Just the thing you have been looking for—a combined portable self-contained "band-spread" short wave receiver and a fully shielded monitor. Everything—receiver—"A" battery—"B" battery—is inside the steel case. Just plug in a pair of headphones—connect a short length of wire for an aerial and you have an excellent short wave receiver for either "ham band" or "broadcast band" use. Not a make-shift type of band spreading but real honest-to-goodness band spread coils that make it possible to keep an accurate log of station dial readings. The simplicity of construction makes it an ideal set for the beginner to build since it will at all times be a valuable instrument to have. Not only is it a very good portable receiver but also when the beginner finally becomes a full fledged amateur and installs a transmitter it is an excellent monitor—an instrument he must have.

The special "band-spread" coils used may be obtained for the following amateur bands—20, 40,

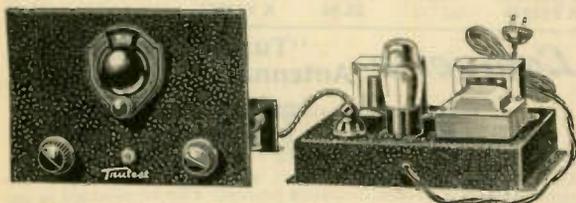
80, 160 meters and the following broadcast bands—19, 25, 31, and 49 meters. Thus this receiver is suitable for all bands.

The use of an audio amplifier stage in addition to the detector assures ample volume at all times. Two type 230 tubes are used. Regeneration is smooth and noiseless. Case is of steel $8\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{1}{2}$ ". Shpg. wt. 12 lbs.

XN1396—Complete kit of parts less tubes, coils and batteries. **\$7.95**

Your Cost.....
XN1396-1—Kit of two tubes. (2-30's)..... 26c
Your Cost.....
XN1396-2—One Burgess 5308 "B" and one 2370 "A" battery. **Your Cost**..... \$1.18
XN1396-3—Special Coils. Broadcast bands.
XN1396-4—Special Coils. Ham bands.
Your Cost per Set of 4..... \$2.10
 Set wired in our laboratory..... \$1.95 additional

The "TROPHY WINNER" 3 S. W. KIT 3 Tube—A. C.—For the D. X. Fan



A complete, easy to assemble, Short Wave Receiver Kit for operation on 110 volt, 60 cycle A. C. Its 3 tubes (not including rectifier) are used in a highly efficient circuit consisting of one stage of radio frequency amplification—using a type 58 tube, a regenerative super-sensitive pentode detector using a type 57—and finally a pentode power amplifier stage using a type 2A5, having an output of almost 3 watts! Both panel and chassis are of metal shielding to prevent body capacity effects and are attractively finished in black crystallized lacquer. A special three winding coil is used to couple the R. F. and Detector stages. Regeneration is smooth and tuning is accomplished with a vernier dial having a fairly high ratio. In addition a unique circuit arrangement permits the use of either a "band-spread" or standard circuit. The Power Supply Kit includes all necessary parts—power transformer—filter chokes—filter condensers—tube and cable connection sockets—chassis—etc. Receiver chassis is quickly and easily connected to the power pack by means of a cable and plug. Shpg. wt. Receiver Kit 5 lbs. Power Pack Kit 8 lbs.

XN13905—"TROPHY 3" 3-tube A. C. kit of parts, with wiring diagram and complete instructions for assembly. **\$9.75**

Your Cost for kit, less coils, tubes and power supply..... \$4.95

XN13906—Power supply kit less tube. **Your Cost**..... \$1.25

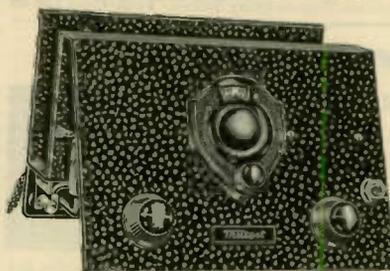
XN13907—Special coils covering from 16 to 200 meters. **Your Cost**..... \$1.25

XN13908—Kit of matched tubes for receiver and power supply. **Your Cost**..... \$2.15

XN13985—Complete kit of parts with coils, power supply kit and tubes. **Your Cost**..... \$17.25

Set wired in our laboratory..... \$2.50 additional

UNI-SHIELDED SHORT WAVE KITS



2 and 3 Tube
Battery
Operated
Receiver
Kits

2 Tube \$5.75
3 Tube \$6.75

Known humorously as the "Pretzel Bender" receivers, because of the uniquely bent shield, these short wave kits have been hailed by radio magazines, from coast to coast, as the greatest development in battery operated receiver kits. They are extremely simple to build and even simpler to operate. A highly efficient circuit design, using the newly developed 2 volt tubes, assures excellent performance over the short wave bands from 15 to 200 meters. In the short period since these receivers were first announced, reports have come in, from satisfied customers, of verified reception from practically all parts of the world. Part of the excellent performance of these receivers is due to the use of a uniquely bent chassis that serves to shield the tubes and coil from the body capacity of the user and from the tuning condenser, etc. Both a three tube model, using a 34 R. F. tube, a 32 Detector tube and a 33 A. F. tube, and a two-tube model, using a 32 Detector and 33 A. F. tube are available. Shpg. wt. of Kits 5 lbs.

Uni-Shielded 2-tube Kit **Uni-Shielded 3-tube Kit**

XN13975—2-tube Kit, less tubes and coils. **Your Cost**..... **\$5.75**

XN13976—Tubes for the 2-tube receiver. **Your Cost**..... \$1.52

XN13977—Set of 4 coils; 15 to 200 meters. **Your Cost**..... \$1.10

Complete set of Burgess "A" and "B" Batteries consisting of 3—2808, 45 V. "B"; 3—4½ "C" Batteries and 2 Dry Cells. Shpg. wt. 35 lbs. **XY19864**..... **\$5.15**

Your Cost.....

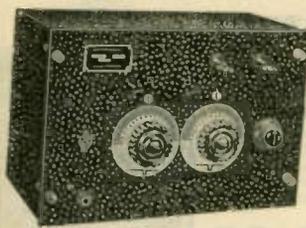
XN13978—3-tube Kit, less tubes and coils. **Your Cost**..... **\$6.75**

XN13979—Tubes for the 3-tube receiver. **Your Cost**..... \$2.33

XN13980—Set of 4 coils; 15 to 200 meters. **Your Cost**..... \$1.10

Complete set of Burgess "A" and "B" Batteries consisting of 3—2808, 45 V. "B"; 3—4½ "C" Batteries and 2 Dry Cells. Shpg. wt. 35 lbs. **XY19864**..... **\$5.15**

Your Cost.....



New! HAIGIS Models For 56-60 MC. Operation

Non-Radiating Receiver

A non-radiating Super-regenerative Receiver for use in 5 meter work. A new and original R. F. amplifier provides complete suppression of radiation via the antenna from the fully shielded detector plus plenty of amplification. Other features

eliminate all radiation from the battery cables. Uses a 76, a 36 and a 41 tube. Requires 6.3 volts for the filaments either from a storage battery or A. C., and 135 volts for "B" supply from batteries or eliminator. Equipped with volume control and on-off switch. Shpg. wt. 10 lbs.

XN13987—HAIGIS Receiver less tubes and batteries. **\$26.90**

Your Cost.....
 Kit of tubes, 1-76, 1-36, 1-41..... \$1.67

Portaphone

A complete radio-telephone transmitter and receiver for operation on 5 meters. All batteries including 150 volts of "B" supply self-contained. A new circuit. Ruggedly built. Carefully tested. Leather carrying handle. Card holders for field notes or logs. Uses a type 30 and a 33 tube. Instructions included. Shpg. wt. 10 lbs.

XN13798—Portaphone less tubes and batteries **\$13.50**

Your Cost.....

TYPE AM DE LUXE

The popular AM model plus new features such as tone-telegraph, volume control, side tone, etc. Shpg. wt. 7 lbs.

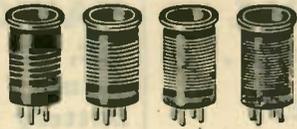
XN13799—AM De Luxe less tubes and batteries **\$19.20**

Your Cost.....

Trustest PLUG-IN COILS and FORMS

Small Eared Coils and Forms

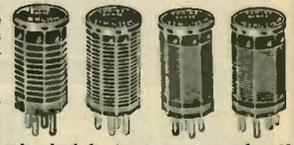
New small short wave coils wound on brown bakelite forms equipped with ears for handling. Three H. F. coils are spaced wound, two being wound with plated wire. Each coil individually color coded. Ranges: 10-21; 20-41; 40-81; and 80-200 meters with .00014 mfd. condenser. 4 coils to set.



- XH10040**—Set of 4 coils. **Your Cost**..... **89^c**
 Two broadcast coils—185 to 565 meters. **Your Cost**..... **55^c**
XH10041—Your Cost..... **35^c**
 Ultra short-wave coil—9.5 to 21 meters. **Your Cost**..... **\$1.35**
XH10039—Your Cost..... **89^c**
 4 coils similar to above but with 6 prongs and having primary, secondary and tickler windings.
XH10042—Set of four. **Your Cost**..... **40^c**
 Two broadcast coils, similar to XH10041, but having three windings like above.
XH10043—Set of two. **Your Cost**..... **40^c**
 Ultra short-wave coil—9.5 to 21 meters, similar to XH10039, but with three windings.
XH10044—Your Cost, Each..... **40^c**
 Coil Forms only, similar to above, but no winding.
XH10060—4-prong. **Your Cost, Each**..... **11^c**
XH10061—5-prong. **Your Cost, Each**..... **11^c**
XH10062—6-prong. **Your Cost, Each**..... **12^c**
XH10069—7-prong. **Your Cost, Each**..... **18^c**
XH10071—8-prong. **Your Cost, Each**..... **21^c**
 Set of four 4-prong forms **Your Cost, Per Set**..... **40^c**
 Set of four 5-prong forms **Your Cost, Per Set**..... **40^c**
 Set of four 6-prong forms. **Your Cost, Per Set**..... **42^c**
 Set of four 7-prong forms. **Your Cost, Per Set**..... **68^c**
 Set of four 8-prong forms. **Your Cost, Per Set**..... **78^c**

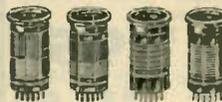
Bakelite Ribbed Coils and Forms

At lowest prices ever offered. Wound on special Low Loss bakelite forms which have extended ribs moulded on them, making the windings about 90% air core, and greatly increasing their efficiency. High frequency coils space wound to permit better tuning. Wave range printed on card and protected by a celluloid cover fits into patented feature on top of coil form. Four coils cover from 15 to 200 meters with a .00015 condenser. Four coils, 4-prong base, 15 to 200 meters.



- XH9982**—Your Cost, Set of Four..... **\$1.05**
 Two coils, like above, to cover the broadcast range 185 to 565 meters on .00015 condenser.
XH9983—Your Cost, Set of Two..... **95^c**
 Ultra short-wave coil, 9.5 to 21 meters. 4-prong. **XH9984**—Your Cost, Each..... **40^c**
 Four coils, 6-prong base, similar to XH9982, but having primary, secondary and tickler windings.
XH9985—Your Cost, Set of Four..... **\$1.50**
 Two broadcast coils, similar to XH9983, but having three windings like above.
XH9986—Your Cost, Set of Two..... **\$1.10**
 Ultra short-wave coil, 9.5 to 21 meters, similar to XH9984, but with three windings. 6-prong base.
XH9987—Your Cost, Each..... **50^c**
 Ribbed coil forms only, similar to the above, but no winding.
XH9988—4-prong. **Your Cost, Each**..... **15^c**
XH9989—5-prong. **Your Cost, Each**..... **16^c**
XH9990—6-prong. **Your Cost, Each**..... **18^c**
 Set of four 4-prong forms **Your Cost, Per Set**..... **55^c**
 Set of four 5-prong forms **Your Cost, Per Set**..... **59^c**
 Set of four 6-prong forms **Your Cost, Per Set**..... **65^c**

Hammarlund "XP-53" S. W. Plug-in Coils



An entirely new high frequency dielectric material known as "XP-53" has been developed in the Hammarlund

Laboratories by Hammarlund Engineers. This new material, having a far greater resistance at high frequencies than other materials heretofore used in short-wave work, is used exclusively in the new Hammarlund "XP-53" coils. It is unaffected by moisture or temperature. The coils are precision wound (with silver plated wire wherever possible) on "XP-53" ribbed coil forms. Both four-prong and six-prong coils are available. Four-prong coils have two windings and six-prong coils have three windings. Both fit standard sockets. These coils are compact in size measuring only 3 1/2 inches long and 1 1/2 inches in diameter. Shpg. wt. 1 lb.

Short-Wave Coils—4-Prong
 Two winding coils covering from 16 to 217 meters. Four coils to set. Full instructions included. All marked.
XH9788—Set of four. **Your Cost**..... **\$1.76**

6-Prong Coils—3 Windings
 Similar to the above, but with tickler winding. Set of four coils.
XH9789—Your Cost..... **\$2.20**

Broadcast Coils—4-Prong
 Two coils cover from 190 to 550 meters. One coil, 190 to 310 meters; other coil, 300 to 550 meters. Set of two.
XH9790—Your Cost..... **\$1.09**

Similar to the above, but with six prongs and three windings. Set of two.
XH9791—Your Cost..... **\$1.32**

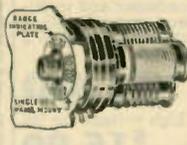
Ultra Short-Wave Coil
 Covers from 9.5 to 21 meters. Four-prong, two windings.

XH9792—Your Cost, Each..... **59^c**
 Similar to the above, but with six prongs and three windings.
XH9793—Your Cost, Each..... **73^c**

Coil Forms
 Unwound forms of "XP-53". Extremely low loss. Fit all standard sockets. Size 1 1/2" wide, 3 1/2" high.

Your Cost, Each
 Stock No. **XH9970** 4-Prong **21^c**
XH9971 5-Prong **21^c**
XH9972 6-Prong **24^c**

NA-ALD Short Wave Coil Selector Assembly



This new short-wave coil selector unit was designed to switch different coils into the circuit of a short wave set. Turning of knob instantly selects any one of four different coils. All 4, 5 and 6-

prong coils are rigidly held by the specially constructed sockets without the need for adjustments of any kind. Knob and indicator on front of panel show what coil is in use. It is simple to install, compact in size and efficient in operation. Ideal for the short-wave set builder. Shpg. wt. 2 lbs.

XK11647—Selector Unit, only **\$2.06**
Your Cost.....

Type 700-V.
 Similar to the above but made of the new low loss Victrol material.
XK11660—Your Cost..... **\$4.41**

Trustest Band Spread Coils

These Trustest coils are provided with adjustable band-setting condensers mounted on top of each coil. Available for 20, 40, 80 and 160-meter Amateur bands, and for the 19, 25, 31, and 49-meter B. C. bands. For use with 140 or 150 mmfd. tuning condenser. These coils offer the most practical method for spreading these bands over the entire tuning dial. Forms have five prong bases.



| Stock No. | Meter Band | Stock No. | Meter Band |
|-----------|------------|-----------|------------|
| XH9973 | 19 | XH9977 | 40 |
| XH9974 | 20 | XH9978 | 49 |
| XH9975 | 25 | XH9979 | 80 |
| XH9976 | 31 | XH9980 | 160 |

Your Cost, Each..... **55^c**
Your Cost, Special..... **47^c**

Trustest Tube Base S. W. Coils

A new and novel addition to the Trustest line of short-wave equipment. Although midjet in size, however, they are highly efficient in operation. All have four-prong bases. Shpg. wt. 1 lb.
XH9981—Set of four coils, 15 to 200 meters.
Your Cost, Special..... **47^c**



Front Panel Plug-In Coils



Each coil is completely shielded and the wire is protected by adequate insulation. Wound on genuine ribbed bakelite forms 1 1/2" in diam. by 3 1/2" high. Precision winding and extremely low loss makes these coils highly efficient. Have handle grip. Shield essential.

Front Panel Coil Shields
 Designed especially for I. C. A. handle grip coils. Come completely mounted with bakelite socket, ready to attach.
XH9785—4-prong socket.
XH9787—6-prong socket.
Your Cost, Each, Either Type..... **39^c**

Short-Wave Coils—4-Prong
 From 16 to 217 meters with four coils. Green coil from 16 to 36 meters; brown coil from 33 to 65 meters; black coil from 57 to 115 meters; red coil from 108 to 217 meters.
XH9780—Set of four. **Your Cost**..... **\$3.80**

6-Prong—3 Windings
 Similar to the above, but with primary, secondary and tickler windings. Wound on six-prong form.
XH9781—Set of four. **Your Cost**..... **\$4.10**

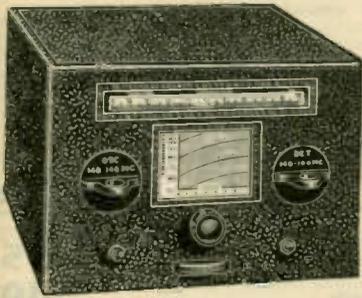
Broadcast Coils—4-Prong
 Cover from 190 to 550 meters with two coils. One coil, 190 to 310 meters; other, 300 to 550 meters.
XH9782—Set of two. **Your Cost**..... **\$2.05**

6-Prong—3 Windings
 Similar to the above, but with primary, secondary and tickler windings.
XH9783—Set of two. **Your Cost**..... **\$2.20**

Ultra Short-Wave Coil
 Covers from 9.5 to 21 meters. **Your Cost, Each**..... **\$1.12**
XH9784—Your Cost, Each..... **\$1.18**
 Similar to the above, but with six prongs and three windings.
XH9785—Your Cost, Each..... **\$1.18**

Perfect Merchandise - Prompt Shipment - Personal Service

NATIONAL Short



NATIONAL "FB-7A" "FBX-A" Receivers

- High Selectivity and Sensitivity
- Uniform Gain over Entire Frequency Range
- Two I. F. High Gain Stages
- Seven Tubes not including Rectifier
- Band Spread and Full Range Coils
- Full Range 34 MC to 1500 KC

The "FB-7A" designed primarily for the experienced amateur operator, is a seven tube (plus Rectifier) Superheterodyne Receiver, having exceptional sensitivity, selectivity, stability and all other characteristics essential in order to contend with the crowded conditions of the Amateur C. W. and Phone Bands. Ample sensitivity and selectivity are assured through the use of a circuit employing two stages of High Gain I. F. Amplification (six tuned circuits) while individual filtering of all circuits, including the Oscillators, together with thorough shielding, results in unusual stability. Variation of the Volume Control has no appreciable effect on the pitch of C. W. signals, even at 14 M. C. The Receiver is compact, being only 11 1/2" x 12", and is shaped to conserve space on the operating table as much as possible. The Full Vision Dial, plug-in coils, send and receive switch, beat oscillator switch, calibration chart, etc., all on the front panel, result in an ease and convenience in operation that is possessed by no other receiver, and make it an outstanding model.

XN13867—FB-7A Receiver, with Air Dielectric Condensers in I. F. Amplifier, completely wired, less coils, power supply and tubes. List \$62.50. **Your Cost**..... **\$37.50**

XN13874—Complete kit of RCA Tubes, 1-56, 1-57, 2-58's, 1-59, 2-24's. **Your Cost**.... **\$4.70**

FBX-A Single Signal Receiver

Fully realizing the tremendous advantages of "Single Signal" reception in connection with C. W. reception, the National Co. has engineered a set employing a mechanical filter. This model is designated as the **FBX-A**, and is essentially the same as the **FB-7A** except for the addition of the quartz crystal with its associated "selectivity control" condenser and multi-point switch. Both the **FBX-A** and the **FB-7A** operate from standard power packs described on another page, or with a filament transformer and "B" batteries. Both sets encased in a metal cabinet with black crackle finish. Shpg. wt. 29 lbs.

XN13871—FB-XA, completely wired with Crystal, and Air Dielectric Condenser tuned I. F. Trans., less coils, power supply and tubes. List \$86.50. **Your Cost**..... **\$51.90**

XN13877—5897AB Special Power Supply for either Receiver; full rated high voltage for '59 Tube, 115 volts, 60 cycle. List \$26.50. **Your Cost, Less Tube**..... **\$15.90**

NATIONAL SW-3 AC, DC and Battery Models



The new SW-3 Receivers employ a Circuit consisting of one R. F. stage, transformer coupled to a regenerative Detector and one stage of Impedance coupled Audio. This circuit with thorough shielding, grooved "R-39" coil forms, Insulant insulated Condensers and tube sockets, etc., provides maximum sensitivity and flexibility with the fewest tubes. Single tuning Dial operates a precisely adjusted two-gang Condenser. Regeneration control is smooth and noiseless with no backlash or "fringe" howl. Volume Control is calibrated from one to nine, in steps corresponding to the "R" scale. A. C. Model uses 2-58's and 1-27; the 6 volt Model uses 2-36's and 1-37 and the 2 volt D. C. Model uses 2-32's and 1-30 Tube. Cabinet dimensions are 9 1/4" x 9 1/2". For A. C. use the National 5880AB Power Supply is preferred. The D. C. Model can be operated from a filament transformer and "B" Batteries or "B" Eliminator, as well as from "A" and "B" Batteries. Prices quoted below are for either the A. C. or D. C. Model. When ordering specify the type, and for D. C. the voltage tubes to be used. Coils are listed below. Shpg. wt. 20 lbs.

XN13817—A. C. **XN13819**—D. C.—SW-3 less tubes, less coils and less power supply. List Price \$32.50. **Your Cost**..... **\$19.50**

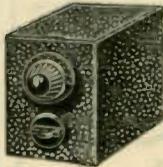
XN13807—5880AB Power Supply for this receiver. List Price \$26.50. **Your Cost, Less Tube**..... **\$15.90**

NATIONAL Pre-Selector

Especially designed for use with the National FB Receivers though it may be used with any make of short wave superheterodyne. The addition of this unit to the FBX receiver makes a combination that is practically equal to the AGSX receiver. The only essential difference being that the combination will have two controls instead of one as in the AGSX receiver, and the automatic volume control not acting upon the pre-selector stage. Image frequency suppression, an improved signal to noise ratio and increased selectivity are only a few of the many advantages to be obtained through the use of this unit. If you are greatly bothered by QRM you will be pleasantly surprised at the difference this unit will make.

XN14464—National Pre-Selector Type PSK. With one plug-in coil. Shpg. wt. 14 lbs. List \$25.00. **Your Cost**..... **\$15.00**

Additional coils are listed below. **Your Cost Each**..... **\$3.60**



Plug-in Type Inductors

Made of ultra low loss form material R-39, developed for Short Wave use. The "10" series are used for original A. C. and D. C. 3-tube amateur receivers—A. C. SW-5, A. C. SW-45, D. C. SW-34 Short Wave Thrill Boxes, and the new D. C. SW-3. The "60" series coils are used in the A. C. SW-58, and the latest A. C. SW-3. The special Band Spread Coils are designed so as to permit 50 dial division spreading on the amateur bands.



GENERAL COVERAGE COILS

"10" SERIES

| Stock No. | Coil No. | Meter Range | Your Cost Per Pair |
|-----------|----------|-------------|--------------------|
| XN14400 | 10 | 9-15 | \$3.00 |
| XN14401 | 11 | 14-25 | |
| XN14402 | 12 | 23-41 | |
| XN14403 | 13 | 40-70 | |
| XN14404 | 14 | 65-115 | |
| XN14405 | 15 | 115-200 | \$3.30 |
| XN14406 | 16 | 200-360 | |
| XN14407 | 17 | 350-550 | |
| XN14408 | 18 | 550-850 | \$3.90 |
| XN14409 | 19 | 850-1200 | \$4.80 |
| XN14410 | 20 | 1200-1500 | |
| XN14411 | 21 | 1500-2000 | |

GENERAL COVERAGE COILS

"60" SERIES

| Stock No. | Coil No. | Meter Range | Your Cost Per Pair |
|-----------|----------|-------------|--------------------|
| XN14465 | 60 | 9-15 | \$3.00 |
| XN14466 | 61 | 14-25 | |
| XN14467 | 62 | 23-41 | |
| XN14468 | 63 | 40-70 | |
| XN14469 | 64 | 65-115 | |
| XN14470 | 65 | 115-200 | \$3.30 |
| XN14471 | 66 | 200-360 | |
| XN14472 | 67 | 350-550 | |
| XN14473 | 68 | 550-850 | \$3.90 |

BAND SPREAD COILS

"10" SERIES

| Stock No. | Coil No. | Band | Your Cost Per Pr. |
|-----------|----------|------|-------------------|
| XN14417 | 10-A | 10 | \$3.00 |
| XN14412 | 11-A | 20 | |
| XN14413 | 13-A | 40 | |
| XN14414 | 14-A | 80 | |
| XN14416 | 15-A | 160 | |

BAND SPREAD COILS

"60" SERIES

| Stock No. | Coil No. | Meter Band | Your Cost Per Pair |
|-----------|----------|------------|--------------------|
| XN14446 | 60-A | 10 | \$3.00 |
| XN14435 | 61-A | 20 | |
| XN14436 | 63-A | 40 | |
| XN14437 | 64-A | 80 | |
| XN14438 | 65-A | 160 | |

Cost listed on both type Coils is for set of two.

"R-39" Coil Forms

XN14418—4-prong base.
XN14419—5-prong base.
XN14420—6-prong special.
XN14421—6-prong socket.
Your Cost..... **45¢**
Either Type..... **45¢**

"MIDGET"
 Low loss form material. Unwound and ungrooved. 4-prong only. 1" diameter, 1 1/2" long. 1/8" wall.
XN14422..... **30¢**
Your Cost Each..... **30¢**

NATIONAL "FB-7A" Coils

The Plug-in Coils employed in the "FB-7A" are essentially the same as those developed originally for the "AGS" Receiver. The windings are on accurately threaded forms of R-39, the low loss dielectric, protected from damage by an outside sleeve of Bakelite. The regular type and the band-spread coils are interchangeable as they both are supplied in a six prong coil base. The "FB-7A" with the band spread coils makes an ideal amateur type receiver. Both type coils are furnished with air dielectric condensers.

| Stock No. | Coil | Range | Stock No. | Coil | Range |
|-----------|--------|-----------------|-----------|-------|----------------|
| XN14450 | AB-20 | 20 Meter B. S. | XN14456 | FB-AA | 34000 to 18000 |
| XN14451 | AB-40 | 40 Meter B. S. | XN14457 | FB-A | 19500 to 11400 |
| XN14452 | AB-80 | 80 Meter B. S. | XN14458 | FB-B | 11700 to 7000 |
| XN14453 | AB-160 | 160 Meter B. S. | XN14459 | FB-C | 7300 to 4000 |
| XN14454 | FB-F | 1500 to 900 Kc. | XN14460 | FB-D | 4200 to 2400 |
| XN14455 | FB-E | 2500 to 1500 | | | |

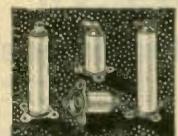
List Price of coils for all ranges \$10.00 per pair. **Your Cost Per Pair**..... **\$6.00**

XN14461—"XR-39" Unwound Forms, with Handle, Condenser and sleeve. List \$3.65. **Your Cost Each**..... **\$2.19**

XN14462—"XCS" Special 6 pr. socket mounted in aluminum shield as used in "FB-7A." **Your Cost Each**..... **\$1.05**

NATIONAL Short

"THE NEW DIELECTRICS"

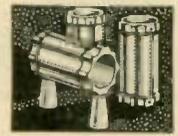


This new line uses the three highest grade dielectric materials known: Isolantite, Steatite and Victron. Steatite is a white ceramic material especially developed for use in H. F. Circuits. Victron possesses almost incredible electrical properties, its loss factor being 1/90th that of Low Loss Hard Rubber. Is non-hydroscopic; its tensile strength about 6,500 lbs. per sq. in.



Stand-off Insulator
Long and slender, makes excellent core for H. F. Isolantite chokes.
XN14479—WGS-1. 1 1/4".
Your Cost Each 15¢
XN14480—WGS-2. 2 1/4".
Your Cost Each 21¢
 Metal mounted, like smaller units. Isolantite. Are efficient, strong and convenient. Dia. 3/8".
XN14481—WGS-3. 2 1/4".
Your Cost Each 48¢
XN14482—WGS-4. 4 1/4".
Your Cost Each 60¢

Stand-off Insulators
Steatite. In 3 sizes. 1x1 1/2" high, 1 1/2x2" high, 1 1/2x3" high. Tapped both ends.
XN14483—WGS-5. 1 1/2" high.
Your Cost Each 15¢
XN14484—WGS-6. 2" high.
Your Cost Each 21¢
XN14485—WGS-7. 3" high.
Your Cost Each 39¢
 Steatite. Dia. 1 1/4".
XN14486—WGS-8.
Your Cost Each 15¢



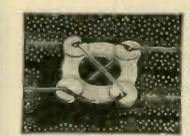
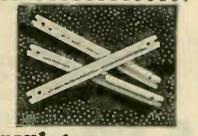
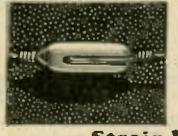
High Frequency Bushings
Steatite. Has a variety of uses for bushings, supports and lead mounts.
XN14488—WXS-1. 1x1 1/4" high.
Your Cost Per Pair 36¢
XN14489—WXS-2. 1 1/2x1 3/4" high.
Your Cost Per Pair 48¢
 Steatite. For high H. F. Voltages. Conform to lines of electrical stress. Prices include metal fittings.
XN14490—WXS-3. 2 1/4x2 3/4" high.
Your Cost Per Pair \$1.98
XN14491—WXS-4. 3 3/4x2 3/4" high.
Your Cost Per Pair \$3.60

Coil Form
Steatite. Suitable for 20 and 40 meter amplifiers, and 80 meter self-excited oscillators. Threaded for No. 10 or smaller wire. Drilled. Forms for 80 and 160 meter ready soon. 5" overall length. Diameter of winding 2 1/4". Grooved for 26 turns; spaced .143".
XN14495—XR-10 form only.
Your Cost Each \$2.25
 Steatite four section Choke Form for precision work.
XN14496—XT-8.
Your Cost Each 30¢
 Of R-39. Machinable, permitting grooving and drilling. In 4, 5 and 6 prong. Uses sockets shown. 1 1/2x2 1/4" high.
XN14418—XR-4 pr.
XN14419—XR-5 pr.
XN14420—XR-6 pr. Special
Your Cost Each 45¢

Fifty Watt Socket
One piece, all Steatite, positive contacts. No metal shell, cannot break down. No arcing. 2 3/4x2 1/4" high. An unusual socket.
XN14492—XC-50—List \$3.50
Your Cost Each \$2.10

Midget coil forms in 2 sizes. With or without prongs.
XN14447—XR-3. No prongs. 1/2x3/4" high.
Your Cost Each 15¢
XN14448—XR-2. No prongs. 1x1 1/2" high.
Your Cost Each 21¢
XN14424—XR-1. 4 prong. 1x1 1/2" high.
Your Cost Each 30¢

NOTE
It is impossible within the amount of space available to list the entire National line. We can supply any National product made and can also supply such new items as may be announced from time to time.



Strain Insulator
Aircraft type. Used in mobile, portable and police installations. Being loaded in compression, it provides great mechanical strength. Is 1 1/2x1 1/2" long.
XN14497—AA-5.
Your Cost Each 11¢

Five Meter Coil
Heavy copper air spaced winding, Steatite base. For 5 meter transmitters, receivers, etc.
XN14449—XR-9 complete.
Per Coil 27¢

Spreader
Conventional in design, unusual in efficiency
XN14498—AA-3. 6" long. Steatite.
Your Cost Each 18¢

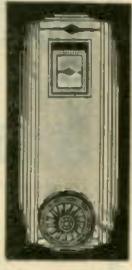
Transposition Block
Wafer-thin, made of Victron. Exceptionally light weight. They remove weight where it is most objectionable and reduce losses to a minimum.
XN14503—AA-1.
Your Cost Each 18¢

High Voltage Shaft Coupling
Isolantite, insulated, rugged. No backlash. Bored for 3/8" or 1/2" shafts.
XN14396—TX-3. 3 3/4" long.
Your Cost Each \$4.20
XN14397—TX-5. 5" long.
Your Cost Each \$4.65
XN14398—TX-7. 7 1/2" long.
Your Cost Each \$5.10
 Isolantite, insulated. For 1/2" shafts. Excellent design features. Leakage path 3/4" less than overall length.
XN14501—TX-1. 1 1/4".
Your Cost Each 60¢
XN14502—TX-2. 3 1/4".
Your Cost Each 66¢

Antenna Insulator
Of Steatite. Was designed for general amateur use. Length provides ample leakage path; cross-section provides ample strength.
XN14499—AA-6. 4 1/4" long.
Your Cost Each 15¢
 For heavy loads. Combines great strength with low losses. The Steatite bar is 3/4" diameter and has a leakage path of 8 1/4".
 Bronze fittings.
XN14500—AA-7. 12 1/2" long.
Your Cost Each \$3.00

VELVET VERNIER DIALS

Type "G" Dial
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. Beautiful burnished silver escutcheon. Shpg. wt. 3 lbs. Monocolor-standard green.
XN14353—Counter-clockwise; 0 to 100; 180°. List \$3.75
XN14354—Clockwise; 150 to 0; 270°.
Your Cost, \$2.25
Either Type



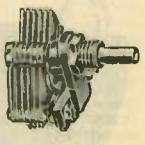
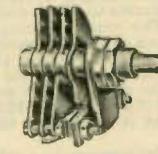
Type "H" Drum Dial
Employs the patented drum dial mechanism with its powerful non-conducting drive, and spring take-up. Ratio 10 to 1. List \$5.50.
GREEN
XN14355—Counter-clockwise; 0 to 100.
XN14356—Clockwise; 100 to 0.
Your Cost, Either Type \$3.30
RAINBOW
XN14357—Counter-clockwise; 0 to 100.
XN14358—Clockwise; 100 to 0.
Your Cost, Either Type \$3.30
GREEN 370°
XN14359—Clockwise; 150 to 0.
Your Cost \$3.30

Type "E" Dial
This dial embodies a Velvet Vernier disc type of mechanism that assures a positive drive on condensers mounted perpendicular to the front panel. Ratio 10 to 1: Hammered Silver or Bronze finish escutcheon plate. Fits 1/2" shaft; also supplied at 1/4" at no extra cost. Shpg. wt. 5 lbs.
XN14350—Dual 0-100-0.
XN14351—200 to 0. List \$2.75
Your Cost \$1.65
Either Type
XN14352—Illuminator.
Your Cost 30¢



Type "F" Dial
Same appearance as the above dial but is a drum type having a white scale. Automatic take-up spring. Ratio 10 to 1. For 1/2" shaft. Can be illuminated. Shpg. wt. 3 lbs.
XN14474—180° counter-clockwise; 0 to 100. List \$4.00
Your Cost \$2.40
XN14475—Illuminator 30¢

Neutralizing Condenser
This is a compact, rigid and efficient condenser and is particularly suitable for neutralizing 45, 47, 10 and similar tubes in amplifier, buffer or doubler stages. Very low minimum capacity. Isolantite insulation and polished plates. Maximum capacity 18 mmf., peak voltage breakdown 3000 volts.
 Shpg. wt. 1 lb.
XN14476—List \$2.00
Your Cost \$1.20



Experimenter's Condenser
Designed to meet the demand for a low priced mid-gate condenser that can be used for experimental purposes. Non-corrosive brass plates mounted on a sturdy frame. Six stator-six rotor. Capacity 100 mmfd. Suitable for receiving or low power x mtg. Shpg. wt. 1 lb.
XN14322—List \$1.00
Your Cost 60¢

Wave EQUIPMENT



NATIONAL Vernier Dials

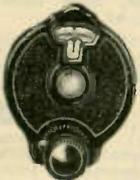
TYPE "A"



This type "A" with its smooth matchless mechanism, gives perfect control for highly selective circuits. The gearless transmission used permits a motion that is even and regular throughout. No backlash exists; none can develop. Assuring a positive even drive

always. Ratio 5 to 1.
XN14375—4" dia. clockwise; 200 to 0; 360°.
XN14376—4" dia. clockwise; 150 to 0; 270°.
XN14373—3 3/8" diameter; counter-clockwise; 0 to 100; 180°.
Your Cost Each.....\$1.80

TYPE "B" and "BM"



Variable ratio of 6 to 1 and 20 to 1. Black bakelite shell. 4" diameter. Type "B" is without light or bracket.
XN14367—Clockwise; 200 to 0; 360°.
XN14368—Dual; 0 to 100 to 0; 180°.
Your Cost Each.....\$1.65

Dial Illuminator and Bracket

XN14352—List 50c.
Your Cost.....30c

TYPE "BM"—3" Dial

Similar to Type "B". Diameter 3". Does not incorporate variable ratio feature, and is not illuminated. List \$2.50

XN14371—Dual range; 0 to 100 to 0.
XN14372—Clockwise; 200 to 0.
Your Cost Each.....\$1.50

TYPE "N"



This is a 4" Precision Instrument Dial, equipped with original, and unexcelled Velvet Vernier mechanism, assuring a smooth, positive, and reliable drive. Reading possible to 1-10 of a division. Ratio 5 to 1.
XN14362—0 to 100; 180°.
XN14365—150 to 0; 270°.

XN14364—100 to 0; 180°.
XN14366—200 to 0; 360°.
List \$6.75. Your Cost Each.....\$4.05

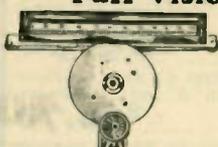
TYPE "NW"



A 6" Precision Dial, with standard Velvet Vernier mechanism, with firm and positive drive. It is capable of extreme precision. Flush Vernier eliminating parallax. Reads to a tenth of a division, and may be estimated to a twentieth. Equipped with a three-point variable ratio. Mount-

ing exceedingly easy. Standard size hub 3/8".
XN14360—100 to 0; 180°.
XN14361—150 to 0; 270°.
XN14362—200 to 0; 360°.
List \$15.00. Your Cost Each.....\$9.00

Full Vision Dial



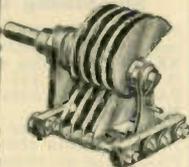
Used by many manufacturers of Short Wave Receivers, this dial has been found to be one of the finest made for this purpose. It fills a definite need for a dial

having none of the failings usually so noticeable in a unit of this type. The scale is fully seven inches in length, insuring accuracy of reading, which is quite essential in high frequency work. There is ample separation between calibrations. The pointer moves evenly across the scale, and remains vertical at all positions. The mechanism is similar to that of the type "E", noted for its smooth and positive drive which improves with use. The scutechons can be supplied in either Silver or Antique Bronze, and is easily mounted with four small screws.

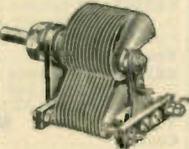
XN14378—0-100; 180°; counter-clockwise.
XN14379—0-100; 270°; counter-clockwise.
XN14377—100-0; 180°; clockwise.
List \$4.50. Your Cost Each.....\$2.70



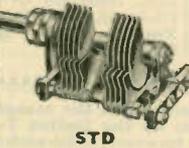
NATIONAL MIDGET CONDENSERS



SEU



SEH



STD

No Shorted Turns. A basic feature of all two-bearing National Midget Condensers is the insulated front bearings, resulting in no shorted turns.

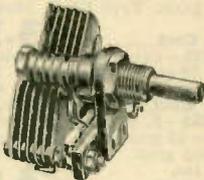
Exclusive Constant-Impedance Pig-tail, a patented National feature. One of the many advantages that make National Midgets such consistent and invariable performers. This electrically perfect connection to the rotor eliminates the noise crackle and varying impedance (A. C. Inductance) of the brush type of contact.

Insulantite, acknowledged high efficiency dielectric, is used for insulating National Midgets—reducing dielectric losses to a minimum.

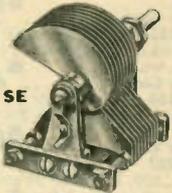
Aluminum plates; thick, polished all over, with wide polished rounded edges, are used in the National SEU Ultra-High-Frequency Midgets. Non resonant characteristics of aluminum plates prevent microphonic feed-back from plate vibration.

National Condenser Designations

SE—270-degree rotation, SFL, SS—180-degree rotation, SLW, ST—180-degree rotation, SLC, H—High capacity—close spacing, U—Ultra short wave—extra wide spacing, HS—High capacity, single bearing, D—Dual type, N—Neutralizing Condenser.



STS



SE

| Stock No. | National Type No. | Capacity in Mmf. | Air Gap | No. of Bearings | Plate Shape | Rotor Plates | Stator Plates | Depth behind Panel | Your Cost |
|-----------|-------------------|------------------|---------|-----------------|-------------|--------------|---------------|--------------------|-----------|
| XN14291 | ST- 50 | 50 | .026 | 2 | 180° | 6 | 5 | 2 1/4" | \$1.08 |
| XN14293 | 100 | 100 | .026 | 2 | | 10 | 10 | 2 1/4" | 1.35 |
| XN14294 | 150 | 150 | .026 | 2 | | 15 | 14 | 2 1/4" | 1.50 |
| XN14295 | STH-200 | 200 | .0175 | 2 | | 14 | 13 | 2 1/4" | 1.65 |
| XN14296 | 250 | 250 | .0175 | 2 | | 16 | 16 | 2 1/4" | 1.80 |
| XN14299 | STN- 18 | 18-3000v. | .065 | 1 | | 4 | 3 | 1 1/4" | 1.20 |
| XN14303 | STD- 50 | 50 per sec. | .026 | 2 | 180° S.L.W. | 6 per sec. | 5 per sec. | 2 3/4" | 2.10 |
| XN14304 | STHD-100 | 100 per sec. | .0175 | 2 | 180° S.L.W. | 7 per sec. | 7 per sec. | 2 3/4" | 2.70 |
| XN14305 | SS- 50 | 50 | .026 | 2 | 180° S.L.C. | 5 | 4 | 2 1/4" | 1.08 |
| XN14306 | 75 | 75 | .026 | 2 | | 7 | 6 | 2 1/4" | 1.20 |
| XN14307 | 100 | 100 | .026 | 2 | | 9 | 8 | 2 1/4" | 1.35 |
| XN14308 | 150 | 150 | .026 | 2 | | 12 | 12 | 2 1/4" | 1.50 |
| XN14309 | SSH-200 | 200 | .0175 | 2 | | 11 | 10 | 2 1/4" | 1.65 |
| XN14310 | 250 | 250 | .0175 | 2 | | 13 | 13 | 2 1/4" | 1.80 |
| XN14311 | 300 | 300 | .0175 | 2 | | 16 | 15 | 2 1/4" | 1.95 |
| XN14312 | 350 | 350 | .0175 | 2 | | 18 | 18 | 2 1/4" | 2.10 |
| XN14313 | SSN- 18 | 18-3000v. | .065 | 1 | | 3 | 3 | 1 1/4" | 1.20 |
| XN14314 | SSS- 20 | 20 | .0175 | 1 | | 1 | 2 | 1 1/4" | .84 |
| XN14315 | 30 | 30 | .0175 | 1 | | 2 | 2 | 1 1/4" | .90 |
| XN14316 | 50 | 50 | .0175 | 1 | | 3 | 3 | 1 1/4" | .96 |
| XN14317 | SSD- 50 | 50 per sec. | .026 | 2 | 180° S.L.C. | 5 per sec. | 4 per sec. | 2 1/4" | 2.10 |
| XN14318 | SSHD-100 | 100 per sec. | .0175 | 2 | 180° S.L.C. | 5 per sec. | 5 per sec. | 2 1/4" | 2.70 |
| XN14319 | 150 | 150 per sec. | .0175 | 2 | 180° S.L.C. | 8 per sec. | 8 per sec. | 2 1/4" | 3.60 |
| XN14280 | SE- 50 | 50 | .026 | 2 | 270° | 6 | 5 | 2 1/4" | 1.80 |
| XN14282 | 100 | 100 | .026 | 2 | | 10 | 10 | 2 1/4" | 2.10 |
| XN14283 | 150 | 150 | .026 | 2 | | 15 | 14 | 2 1/4" | 2.25 |
| XN14285 | 250 | 250 | .0175 | 2 | | 16 | 16 | 2 1/4" | 2.40 |
| XN14287 | 335 | 335 | .0175 | 2 | | 22 | 21 | 2 1/4" | 2.55 |
| XN14288 | SEU- 15 | 15 | .055 | 2 | | 3 | 3 | 2 1/4" | 1.50 |
| XN14290 | 25 | 25 | .055 | 2 | | 5 | 4 | 2 1/4" | 1.65 |

Shafts 1/4" dia. Standard rotation clockwise, counter-clockwise on special order. Special order above with shaft extending through rear bearing for ganging.
Any intermediate capacity may be had in any of the above types. The list price would be the same as the next higher capacity listed.

NATIONAL Type 800 Neutralizing Condenser

Due to the extremely low capacity required for neutralizing the new 800 tubes an entirely different design of condenser had to be devised. Micrometer adjustment of capacity. Insulantite insulation. Shpg. wt. 2 lbs.

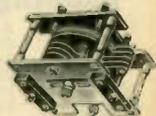
XN14259—\$1.80
Your Cost.....\$1.80



Frequency Meter Condenser

Especially designed for use in frequency meters and monitors. A fixed minimum capacity of 40 mmds. with a maximum capacity of 75 mmds. When used with 100 division dial will spread bands over 80 degrees. Shpg. wt. 2 lbs.

XN14320—\$3.30
Your Cost.....\$3.30



UTC

Transmitting TRANSFORMERS

TYPE
P.A.
MTG.



UTC Transformers and Chokes have been universally accepted by the amateur for their outstandingly fine quality and reasonable prices. Type PA-1 overall dimensions are: 2 1/2 x 3 x 3"; PA-2: 3 1/4 x 4 1/4 x 3"; PA-3: 3 3/4 x 4 3/4 x 4"; PA-4: 6 x 4 1/4 x 4 1/4"; PA-5: 7 x 5 3/4 x 5 3/4".

Input Transformers Class "B"

- XE5350**—Driver plate to 59, 53, 79 or 89 grids. Type PA-1. Shpg. wt. 3 lbs.
Your Cost **\$3.30**
- XE5351**—Driver 46 or 59 plate to 46 or 59 grids. Type PA-1. Shpg. wt. 3 lbs.
Your Cost **\$3.30**
- XE5352**—P. P. 45 or 59 plates to 2-46 or 59 grids; or P. P. 2A3 plates to 2-841 grids. Type PA-2. Shpg. wt. 3 lbs.
Your Cost **\$3.90**
- XE5353**—P. P. 42, 45, 50 or 59 plates to 2-42 A's, 800's, 830's, RK18's, or 10's grids. Type PA-2. Shpg. wt. 3 lbs.
Your Cost **\$4.50**
- XE5354**—P. P. 2A3 plates to 2-203A grids. Type PA-2. Shpg. wt. 4 lbs.
Your Cost **\$5.10**
- XE5355**—500, 200, or 50 ohm line to 2-46 or 59 grids. Type PA-2. Shpg. wt. 5 lbs.
Your Cost **\$4.50**
- XE5356**—500, 200 or 50 ohm line to 203A grids. Type PA-2. Shpg. wt. 5 lbs.
Your Cost **\$6.00**
- XE5357**—P. P. 2A3 plates to 2-803B, 800, RK18 or 10 grids. Type PA-2. Shpg. wt. 4 lbs.
Your Cost **\$4.50**
- XE5358**—Driver 2A5 or 42 triode plate to 2—"A Prime" 2A5 or 42 grids. Type PA-1. Shpg. wt. 3 lbs.
Your Cost **\$3.30**
- XE5359**—500, 200 or 50 ohm line to 2-830B, 800, RK18 or 10 grids. Type PA-2. Shpg. wt. 5 lbs.
Your Cost **\$4.50**

Swinging Input Chokes

- XE5345**—5 to 25 henries at 15 to 150 M. A. D. C. resistance 115 ohms. Max. D. C. volts 450. Type PA-2. Shpg. wt. 5 lbs. **Your Cost** **\$3.00**
- XE5346**—5 to 25 henries at 20 to 200 M. A. D. C. resistance 110 ohms. Max. D. C. volts 600. Type PA-3. Shpg. wt. 10 lbs. **Your Cost** **\$4.80**
- XE5347**—6 to 30 henries at 25 to 250 M. A. D. C. resistance 90 ohms. Max. D. C. volts 1300. Type PA-4. Shpg. wt. 15 lbs. **Your Cost** **\$7.20**
- XE5348**—20 to 100 henries at 25 to 250 M. A. D. C. resistance 240 ohms. Max. D. C. volts 2600. Type PA-5. Shpg. wt. 25 lbs. **Your Cost** **\$12.00**
- XE5349**—5 to 25 henries at 75 to 500 M. A. D. C. resistance 60 ohms. Max. D. C. volts 1300. Type PA-5. Shpg. wt. 25 lbs. **Your Cost** **\$12.00**

Trap Resonant Smoothing Chokes

- All have off-center tap for hum bucking arrangements.
- XE5340**—8 henries at 150 M. A. D. C. resistance 115 ohms. Type PA-2. Shpg. wt. 5 lbs. **Your Cost** **\$3.00**
- XE5341**—10 henries at 200 M. A. D. C. resistance 110 ohms. Type PA-3. Shpg. wt. 10 lbs. **Your Cost** **\$4.80**
- XE5342**—12 henries at 250 M. A. D. C. resistance 90 ohms. Type PA-4. Shpg. wt. 15 lbs. **Your Cost** **\$7.20**
- XE5343**—35 henries at 250 M. A. D. C. resistance 240 ohms. Type PA-5. Shpg. wt. 25 lbs. **Your Cost** **\$12.00**
- XE5344**—10 henries at 500 M. A. D. C. resistance 60 ohms. Type PA-5. Shpg. wt. 25 lbs. **Your Cost** **\$12.00**

Output Transformers Class "B"

- XE5333**—Primary: 10,000 ohms (suitable for 49, 53, 79 or 89) and 6,000 ohms (46's, 59's) plate to plate. Secondary: 5000, 3500 ohms. Type PA-2. Shpg. wt. 4 lbs. **Your Cost** **\$4.20**
- XE5334**—Primary: 10,000 ohms (suitable for 830B's) and 6,000 ohms (for 203's), plate to plate. Secondary: 10,000, 2500 ohms. Type PA-5. Shpg. wt. 20 lbs. **Your Cost** **\$19.50**
- XE5336**—Primary: 6000 ohms plate to plate (suitable for 46's or 59's). Secondary: 14,000, 3500 ohms. Type PA-2. Shpg. wt. 4 lbs. **Your Cost** **\$4.20**
- XE5335**—Primary: 8000 ohms plate to plate (suitable for "A Prime" 2A5 or 42's). Secondary: 5000, 3,500 ohms. Type PA-2. Shpg. wt. 4 lbs. **Your Cost** **\$4.20**
- XE5337**—Primary: 12,500 ohms plate to plate (suitable for 800's, RK18's, 825's). Secondary: 5000, 3000 ohms. Type PA-4. Shpg. wt. 10 lbs. **Your Cost** **\$12.00**
- XE5338**—Primary: 12,500 ohm (suitable for 800's, RK18'2, 825's) 8000 ohms (for 242A's, 211E's). Secondary: 20,000, 5000 ohms. Type PA-5. Shpg. wt. 20 lbs. **Your Cost** **\$15.00**
- XE5339**—Primary: 8000 ohms plate to plate (suitable for 210's, 830's, 841's). Secondary: 18,000, 4500 ohms. Type PA-3. Shpg. wt. 9 lbs. **Your Cost** **\$7.50**

NOTE

Due to space limitations we cannot list the complete line of transformers and chokes made by the United Transformer Corporation. We are prepared, however, to furnish immediate delivery on any item at your regular 40% discount from list.

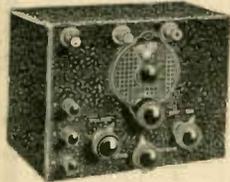
UTC X'mitting & P. A. Guide

A new 100-page Guide on Amateur, Broadcast Station and Public Address Equipment. Articles by Turman, Dow, Kruse, Jones and Hawkins. Amateur section alone contains over 40 diagrams. A mighty valuable book.

XY19998—Your Cost.....

50¢

NATIONAL Transceiver

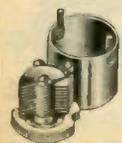


for
5 Meters
or
50-60
Megacycles

This transceiver combines a highly efficient 5 meter receiver and transmitter in one case and uses the same tubes (1 type 30 and 1-33) for both transmitting and receiving. Its wavelength range is ample for the complete band from 56 to 60 megacycles with room to spare at each end. Provisions are made to use any type of antenna. Picard, "Q" or the more conventional 1/4 or 1/2 wave rods. A highly efficient volume control is incorporated (not a filament rheostat). Special high-frequency bushings insulate the antenna posts, and the complete tuning circuit is insulated and mounted on the new National Vicon. This material is far superior to others in high frequency work. The metal case is attractively finished in black crinkle lacquer. Shpg. wt. 9 lbs.

Kit of Matched Tubes **\$1.18**
Your Cost **\$27.00**

Shielded Air Dielectric Padding Condensers

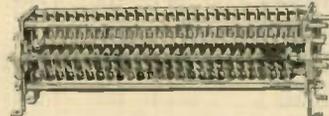


A completely shielded air-dielectric padding condenser. Isolantite insulation. 1 1/4" in diameter and 1 3/4" high for the 75 mmfd., and 1 1/2" for the 100 mmfd. Shpg. wt. 1 lb.

| No. | Capacity Mmfd. | Your Cost |
|--------|----------------|-----------|
| XH9745 | 75 | \$1.20 |
| XH9746 | 100 | \$1.35 |

NATIONAL

X'mitting Condensers



Light weight yet highly efficient transmitting condensers. Both rotor and stator plates have polished rounded edges. Positive rotor contact brush. Provision for either panel or shelf mounting (both if desired—to hold shelf). 3000 volt condensers have .077" spacing—6000 volts have .171". Ratings conservative.

| Stock No. | Capacity Mmfd. | No. Spacing Plates | Your Cost |
|-----------|----------------|--------------------|-----------|
| XN14510 | 35 | .171" 7 | \$2.70 |
| XN14511 | 50 | .171" 12 | 3.60 |
| XN14512 | 100 | .077" 11 | 2.70 |
| XN14513 | 100 | .171" 23 | 6.00 |
| XN14514 | 150 | .077" 17 | 3.00 |
| XN14515 | 150 | .171" 35 | 8.40 |
| XN14516 | 230 | .077" 23 | 5.40 |
| XN14517 | 230 | .171" 51 | 10.20 |
| XN14518 | 350 | .077" 35 | 6.60 |
| XN14519 | 450 | .077" 43 | 7.20 |

Equimeter Condensers

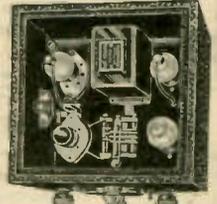
Similar to the above but do not have polished rounded edges. Excellent for use in receivers or low-powered transmitters and oscillators using 45's, 47's, 59's, 10's, etc., where plate voltages do not exceed 1000 volts Isolantite insulation. Straight wave-line shaped plates. Shpg. wt. 3 lbs.

| Stock No. | Capacity Mmfd. | No. Plates | Your Cost |
|-----------|----------------|------------|-----------|
| XN14525 | 50 mfd. | 3 | \$1.50 |
| XN14526 | 100 | 6 | 1.50 |
| XN14527 | 150 | 9 | 1.80 |
| XN14528 | 200 | 11 | 2.10 |
| XN14529 | 250 | 14 | 2.10 |

Super Regenerative Receiver

Type SRR

This is a 3-tube Super Regenerative Receiver. Uses a 36-screen grid regenerative Detector, a 37-interruption frequency Oscillator, and an 89-Pentode Audio Amplifier. Primarily designed for 5-meter work, the 56 to 60 MC band is spread over 50-dial divisions. A phone jack is connected in the detector output. Ample volume for loudspeaker operation. Plug-in inductors enable the receiver to be operated on the 10, 20, 40, 80 and 160-meter bands as a conventional detector and one-stage (with the I. F. tube removed). Requires a 6-volt A. C. or D. C. "A" supply and a 135-volt "B" supply.



- XE5337**—Type "SRR" Receiver, wired with 56 to 60 MC coil. Less tubes and power supply. **Lists \$32.50**
Your Cost **\$19.50**
- XE5338**—National 5886 AB Pack for above Receiver. Supplier both "A" and "B" voltages. **Lists \$34.50**
Your Cost **\$20.70**
- XE5339**—Coils for the 10, 20 and 40-meter bands
Your Cost Each Coil **75¢**
- XE5340**—Coils for the 80 and 160-meter band.
Your Cost Each Coil **\$1.05**

Ultra High Frequency Converter

Converts any receiver into a 5-meter receiver. Band is spread over 100 dial divisions. Dim., 9x10x7". Requires 2-24's and 1-27 or 2-36's and 1-37. Shpg. wt. 22 lbs. **Your Cost** **\$23.70**



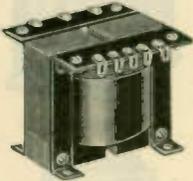
Trutest TRANSMITTING TRANSFORMERS and CHOKES

Not just another line of "cheap" transformers and chokes for the Amateur Transmitter. If price were the only thing we had to offer, we would probably start by telling you how much money you could save, and so forth, and forget to say how well they were made. This NEW line of Trutest Transmitting Transformers was designed by one of the foremost transformer engineers in the country and incorporates every improvement known to date in transformer manu-

facture. Every bit of material used in making these units—core iron insulating paper, wire, castings, terminals, etc., are checked again and again to assure uniform quality. Prices? Of course they are not as low as that of "surplus" material, but, they are the lowest ever placed on units of like quality—and you can now, for only a very few cents more than you would pay for unknown, undependable, "bargains", buy thoroughly reliable, guaranteed transformers and chokes.



Type D Mounting—Fully shielded. Can be mounted with terminals on top or under chassis.



Type E Mounting—Open type with terminal strip at top.

Filament and Plate Transformers

Primaries 105-115 v. 60 cycle.
XC1517—Secondaries 400-0-400 v. at 150 Ma., 2.5 v. at 5 amps., 2.5 v. at 12 amps., 5 v. at 3 amps., all C. T. except 5 v. C mtg. Shpg. wt. 10 lbs. **Your Cost..... \$3.75**
XC1516—Secondaries 580-0-580 v. at 175 Ma., 5 v. at 3 amps., 2.5 v. at 3 amps., 2.5 v. at 10 amps., all C. T. C mtg. Shpg. wt. 10 lbs. **Your Cost..... \$4.45**

Class B Input

XC2555—Driver 46 or 59 plate to 46 or 59 grids. D mtg. **\$3.45**
Your Cost..... \$3.45
XC2556—P.P. 45 or 59 plates to 2-46 or 2-59 grids. D mtg. **\$4.75**
Your Cost..... \$4.75
XC2557—P.P. 45 or 59 plates to 2-210, 2-800, 2-830 or 2-RK18 grids. D mtg. **\$4.75**
Your Cost..... \$4.75
XC2558—P.P. 250 or 2A3 plates to 2-203 grids. D mtg. **\$5.25**
Your Cost..... \$5.25

Filament Transformers

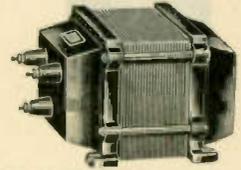
All have 105-115 v. 60 cycle primaries.
XC2542—Secondary 2.5 v. winding (C. T.) at 10 amps. B mtg. 10,000 v. insulation. Shpg. wt. 6 lbs. **Your Cost..... \$3.40**
XC2543—Secondary 5 v. (C. T.) at 20 amps. B mtg. 10,000 v. insulation. Shpg. wt. 12 lbs. **Your Cost..... \$5.25**
XC2544—Two secondaries 7.5 v. (C. T.) at 5 amps. each. B mtg. 5,000 v. insulation. Shpg. wt. 6 lbs. **Your Cost..... \$3.25**
XC2545—Secondary 7.5 v. (C. T.) at 8 amps. B mtg. 5,000 v. insulation. Shpg. wt. 10 lbs. **Your Cost..... \$3.75**
XC2546—Secondary 10 v. (C. T.) at 8 amps. B mtg. 5,000 v. insulation. Shpg. wt. 8 lbs. **Your Cost..... \$3.75**
XC2547—Secondary 10 v. (C. T.) at 4½ amps. E mtg. Shpg. wt. 6 lbs. **Your Cost..... \$1.75**
XC2548—Three C. T. 5 v. secondaries, two at 3 amps., one at 6 amps. B mtg. 3500 v. insulation. Shpg. wt. 8 lbs. **Your Cost..... \$3.35**
XC2549—Two 2.5 v. C. T. secondaries at 5 amps. each. One 5 v. C. T. at 3 amps. E mtg. Shpg. wt. 7 lbs. **Your Cost..... \$1.75**
XC2031—Secondary 2½ v. at 5 amps.; 5 v. at 3 amps., 7½ v. at 3 amps. Type E mtg. Shpg. wt. 8 lbs. **Your Cost..... \$1.75**
XC2032—Secondaries 2½ v. at 5 amps., 7½ v. at 3 amps., 7½ v. at 3 amps. Type E mtg. Shpg. wt. 8 lbs. **Your Cost..... \$1.75**
XC2033—Three secondaries—each 7½ v. at 3 amps. Type E mtg. Shpg. wt. 8 lbs. **Your Cost..... \$1.75**
XC2034—Secondaries; one 5 v. at 3 amps., two 7½ v. at 3 amps. each. Type E mtg. Shpg. wt. 8 lbs. **Your Cost..... \$1.75**

Special Output

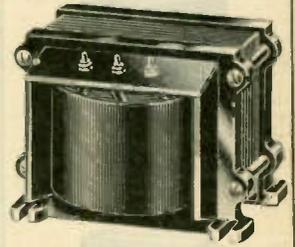
XC2037—Single 45 plate to RK20 suppressor grid. Type D mtg. Shpg. wt. 6 lbs. **Your Cost..... \$1.75**

Chokes

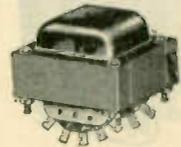
XC2533—Swinging choke. Max. D. C. 200 Ma. Resistance 100 ohms. Type D mtg. Shpg. wt. 7 lbs. **Your Cost..... \$3.25**
XC2534—Swinging choke. Max. D. C. 400 Ma. Resistance 95 ohms. Type B mtg. Shpg. wt. 10 lbs. **Your Cost..... \$7.95**
XC2535—Swinging choke. Max. D. C. 750 Ma. Resistance 40 ohms. Type B mtg. Shpg. wt. 15 lbs. **Your Cost..... \$11.25**
XC2536—Filter choke. 15 henries. Max. D. C. 150 Ma. Resistance 110 ohms. Type D mtg. Shpg. wt. 5 lbs. **Your Cost..... \$2.40**
XC2537—Filter choke. 15 henries. Max. D. C. 250 Ma. Resistance 100 ohms. Type D mtg. Shpg. wt. 7½ lbs. **Your Cost..... \$3.95**
XC2538—Filter choke. 30 henries. Max. D. C. 150 Ma. Resistance 130 ohms. Type D mtg. Shpg. wt. 7½ lbs. **Your Cost..... \$3.95**
XC2539—Filter choke. 30 henries. Max. D. C. 250 Ma. Resistance 100 ohms. Type B mtg. Shpg. wt. 14 lbs. **Your Cost..... \$6.75**
XC2540—Filter choke. 15 henries. Max. D. C. 350 Ma. Resistance 110 ohms. Type B mtg. Shpg. wt. 13 lbs. **Your Cost..... \$6.75**



Type A Mounting—Totally enclosed. Heavy die-cast frame with metal end covers. Ceramic stand-off type terminals.



Type B Mounting—Open type with bakelite terminal plate. Die-cast frame.



Type C Mounting—Flush type in combination models only.

Outputs

XC2599—Pri. Imped. 10,000 ohms plate to plate suitable for Class "A" P.P. 59 triodes, 71A, 2B6, Single 210, 41, 268A, 2A3. Class "B" P.P. 49, 53, 79, 89. Also 6000 ohms suitable for Class "A" P.P. 52A, Single 31, 46, 59 pentode. Class "B" P.P. 46, 59. Secondary Imped. 5000 and 3500 ohms. D mtg. **\$4.25**
Your Cost..... \$4.25
XC2560—Pri. Imped. 3200 ohms plate to plate for P.P. 203A in Class "B", Secondary impedances 10,000 and 2500 ohms. A mtg. **Your Cost..... \$17.95**
XC2561—Pri. Imped. 10,000 ohms plate to plate for Class "B" P.P. 800, RK 18. Secondary 5000 and 20,000 ohms. A mtg. will handle 75-100 watts. **\$11.95**
Your Cost..... \$11.95

Plate Transformers

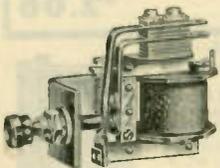
All have 105-115 volt primaries.
XC2551—Secondary 550-0-550 v. at 200 M. A. Type B mtg. Shpg. wt. 14 lbs. **Your Cost..... \$5.75**
XC2552—Secondary 1000-750-0-750-1000 v. at 200 M. A. Type A mtg. Shpg. wt. 30 lbs. **Your Cost..... \$10.25**
XC2553—Secondary 1500-1250-0-1250-1500 v. at 300 M. A. Type A mtg. Shpg. wt. 48 lbs. **Your Cost..... \$21.00**
XC2554—Secondary 2000-1500-0-1500-2000 v. at 500 M. A. Type A mtg. Shpg. wt. 80 lbs. **Your Cost..... \$37.50**

GUARDIAN X'mitting Relays

These relays have silver contacts ¼" in diameter and ⅛" thick. Insulation is of genuine bakelite. Laminated magnets.

Overload Relays—Adjustable type. When once set for any value between 150 and 500 Ma. will trip when this value is exceeded. Hand re-set—does not make contact until handle is released so that it will immediately reopen if overload has not been removed. Re-set push button extends through panel. Shpg. wt. 4 lbs. **\$7.06**

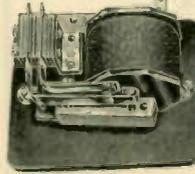
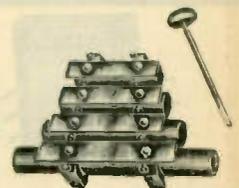
XC14120—List 512.00
Your Cost..... \$7.06
XC14121—Non adjustable for 250 Ma.
XC14122—Non adjustable for 500 Ma. Shpg. wt. 3 lbs. each. List \$7.50
Your Cost, Either Type..... \$4.41



Keying Relay—Single contact. Works on 5 to 16 v. A. C. or D. C. Shpg. wt. 3 lbs. List \$5.50
XC14123—Your Cost..... **\$3.24**
Time Relay—Time adjustable from 10 seconds to 1 minute. Shpg. wt. 4 lbs. List \$15.00
XC14124—Your Cost..... **\$9.00**
Break-in—Double pole double throw. 110 v. Shpg. wt. 4 lbs. List \$7.50
XC14125—Your Cost..... **\$4.50**

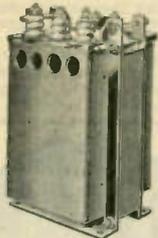
DEAGAN Station Chimes

For the amateur phone man or the broadcast station. Can also be used in the home for dinner chimes. Four perfectly pitched notes of beautiful tone. Tuned to a perfect chord—impossible to play them out of tune. Simulates bugle-calls or clock tower chimes. Black plates on manderin red frame; gold ornaments. Complete with hammer and book of 80 calls and musical selections. Phone men give your station a distinctive chime call when signing off it helps identify you during bad QRM. Shpg. wt. 6 lbs.
XC14013—Your Cost..... **\$4.50**

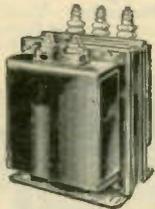


To Speed Handling of YOUR Order--Use Our Order Blank

THORDARSON Transmitting Transformers



Type A



Type B



Type C

Thordarson Engineers present these eight new power transformers and associated filter chokes as the essential units of complete power supplies for operation of very amateur transmitter. Within the range of voltage and current outputs provided by these power supplies are covered the needs of practically every amateur transmitter from those using 46's to 851's. Thordarson again takes the lead by rating all high voltage transformers at the actual DC watts output, when used with a recommended filter system. No longer must the amateur be guided by AC secondary voltage-current ratings that are meaningless in terms of transmitter performance.

CHOKES

Swinging Type (Input)

XA415—150 M.A. choke, to be used with the XA414 plate transformer. 30.3 henries dry—9.85 henries at 150 M.A., 2000-volt insulation. D.C. resistance, 200 ohms. Type H mounting. Shpg. wt. 7 lbs. **\$2.94**
Your Cost

XA416—400 M.A., for use in class "B" '08A supply. 40 henries dry—25.6 henries at 400 M.A., 3000-volt insulation. D.C. resistance, 118 ohms. Type D mtg. Shpg. Wt. 35 lbs. **\$10.58**
Your Cost

XA417—A 250-M.A. choke, to be used with XA410—or similar plate transformers. 19 henries dry—12.35 henries at 250 M.A., 5000-volt insulation. D.C. resistance, 95.3 ohms. Type D mtg. Shpg. wt. 13 lbs. **\$5.00**
Your Cost

XA418—A 380-M.A. choke for use with XA407—or similar plate transformers. 19 henries dry—10.4 henries at 380 M.A., 5000-volt insulation. D.C. resistance, 93 ohms. Type D mtg. Shpg. wt. 20 lbs. **\$7.06**
Your Cost

XA419—A 500-M.A. choke. 17 henries dry—8.23 henries at 500 M.A., 5000-volt insulation. D.C. resistance, 70 ohms. Type D mtg. Shpg. wt. 24 lbs. **\$8.24**
Your Cost

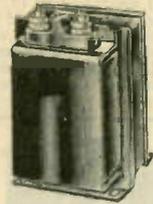
Smoothing Chokes

XA420—150-M.A. filter choke, for use with XA415—or similar input choke. 19.7 henries at rated current. 2000-volt insulation. D.C. resistance, 275 ohms. Type H mtg. Shpg. wt. 8 lbs. **\$3.53**
Your Cost

XA421—A 250-M.A. choke for use with XA417—or similar input choke. 23.6 henries at rated current. 5000-volt insulation. D.C. resistance, 190 ohms. Type D mtg. Shpg. wt. 15 lbs. **\$5.88**
Your Cost

XA422—380-M.A. filter choke for use with XA418—or similar input chokes. 20 henries at rated current. 5000-volt insulation. D.C. resistance, 160 ohms. Type D mtg. Shpg. wt. 30 lbs. **\$9.40**
Your Cost

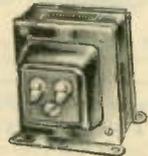
XA423—500-M.A. filter choke for use with XA419—or similar input choke. 16.5 henries at rated current. 5000-volt insulation. D.C. resistance, 110 ohms. Type D mtg. Shpg. wt. 29 lbs. **\$10.00**
Your Cost



Type D



Type F



Type H

Plate Transformers

XA407—Provides 1-K.W. input. Actual D.C. rating—3000 volts at 380 M.A. Sec. A.C.—3630 volts. A husky, air-cooled transformer, weighing 70 lbs. Type A mtg. Shpg. wt 85 lbs. **\$38.22**
Your Cost

XA408—Similar to the above, but with a D.C. rating of—2000 volts at 500 M.A. Sec. A.C.—2420 volts. Type A mtg. Shpg. wt. 65 lbs. **\$32.92**
Your Cost

XA409—D.C. rating of 2000 volts at 250 M.A. Type B mtg. Shpg. wt. 65 lbs. **\$21.16**
Your Cost

XA410—Especially designed for the 800 tubes. D.C. rating—1000 or 1250 volts at 280 M.A. Sec. A.C.—1290 and 1600 volts. Type B mtg. Shpg. wt. 43 lbs. **\$13.52**
Your Cost

XA411—Provides 1000 volts. D.C. at 500 M.A. with choke input. Sec. A.C.—1335 volts. Type B mtg. Shpg. wt. 43 lbs. **\$20.58**
Your Cost

XA412—Designed for the new 750-volt tubes. D.C. rating—750 volts at 350 M.A. Sec. A.C.—980 volts. Type B mtg. Shpg. wt. 31 lbs. **\$10.58**
Your Cost

XA413—Provides 1000 volts at 400 M.A., through suitable filter. Sec. A.C.—1270 volts. Type B mtg. Shpg. wt. 34 lbs. **\$12.94**
Your Cost

XA414—Supplies through a filter, 525 volts D.C. at 150 M.A. Sec. A.C.—725 volts. Type C mtg. Shpg. wt. 12 lbs. **\$5.29**
Your Cost

Filament Transformers

All secondaries have center taps. The following transformers have primaries tapped for 105—110—115 volts.

XA441—7½ volts at 2½ amps. Type H mtg. Shpg. wt. 7 lbs. **\$2.06**
Your Cost

XA442—10 volts at 6½ amps. Type H mtg. Shpg. wt. 7 lbs. **\$3.24**
Your Cost

XA443—11 volts at 10 amps. Type H mtg. Shpg. wt. 9 lbs. **\$4.12**
Your Cost

XA444—Four secondaries: 10 volts at 3½ amps., 10 volts at 6½ amps., 7½ volts at 1½ amps., 2½ volts at 5 amps. Type F mtg. Shpg. wt. 10 lbs. **\$6.76**
Your Cost

XA445—Three secondaries: 7½ volts at 4½ amps., 7½ volts at 6½ amps., and 2½ volts at 4 amps. Type F mtg. Shpg. wt. 10 lbs. **\$5.30**
Your Cost

Following have 115 V. primaries: **XA446**—11 volts at 15½ amps. Type C mtg. Shpg. wt. 7 lbs. **\$5.30**
Your Cost

XA447—5 volts at 25 amps. 10,000-volt insulation. Type B mtg. Shpg. wt. 7 lbs. **\$10.58**
Your Cost

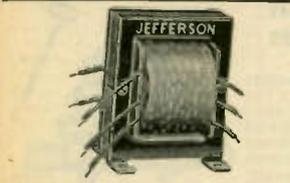
XA448—Two secondaries. 2½ volts at 10½ amps., 5 volts at 3 amps. 3000-volt insulation. Type F mtg. Shpg. wt. 7 lbs. **\$3.53**
Your Cost

XA449—2½ volts at 10 amps. 1600-volt insulation. Type H mtg. Shpg. wt. 7 lbs. **\$2.65**
Your Cost

XA450—2½ volts at 10 amps. 7500-volt insulation. Type H mtg. Shpg. wt. 7 lbs. **\$3.53**
Your Cost

XA451—7½ volts at 6½ amps. Type H mtg. Shpg. wt. 7 lbs. **\$2.94**
Your Cost

XA452—5 volts at 3 amps. Type H mtg. Shpg. wt. 7 lbs. **\$2.06**
Your Cost



Filament Transformers
All Primaries—
115 Volts, 50-60 Cycles
Type 464-201—Delivers 2.5 volts C.T. at 12.25 amps. High voltage insulation suitable for 866 tubes. Size 2½x4x2½" Shpg. wt. 3 lbs. **XE5438**—
Your Cost, Each... **\$1.18**
Type 464-211—Delivers 2.5 volts C.T. at 3.5 amps. Suitable for two

JEFFERSON Transformers & Chokes

or three heater tubes. Size 2x3¼x1¾" Shpg. wt. 2 lbs. **XE5439**—
Your Cost Each... **82¢**

Type 464-221—Delivers 6.3 volts C.T. at 4 amps. (for 6.3-volt heaters), and 5 volts at 4 amps. For rectifier or power tubes. Sizes 2½x4x2½" Shpg. wt. 3 lbs. **XE5440**—
Your Cost, Each... **\$1.18**

Type 464-231—Delivers 7.5 volts C.T. at 2.5 amps., and 7.5 volts C.T. at 2.5 amps. For filaments of 10 or 50 type tubes and for 81 rectifiers. Size 4x3¼x2½" Shpg. wt. 4 lbs. **XE5441**—
Your Cost, Each... **\$2.06**

Type 464-241—Delivers 10 volts C.T. at 7 amps. Suitable for use with 50-watt tubes, such as 203A, 211, etc. Size 4x3¼x2½" Shpg. wt. 6 lbs. **XE5442**—
Your Cost, Each... **\$2.35**

Chokes
Type 466-210—A 30-henry at 150 M.A. filter choke. D.C. resistance is 425 ohms. Dimensions, 2½x4¼x3" Shpg. wt. 5 lbs. **XE5463**—
Your Cost... **\$1.03**

Type 466-220—A 20-henry, at 120 M.A. choke. 200 ohms D.C. resistance. 2½x2½x4" Shpg. wt. 4 lbs. **XE5464**—
Your Cost... **\$1.03**

Type 466-230 is a 30-henry at 60 M.A. filter choke. D.C. resistance is 1400 ohms. Dimensions: 2½x2½x4" Shpg. wt. 4 lbs. **XE5465**—
Your Cost... **88¢**



Type 466-260 is a 15-henry filter choke with a capacity of 60 M.A. The D.C. resistance is 150 ohms. Dimensions are 1½x2½x2½" Shpg. wt. 3 lbs. **XE5466**—
Your Cost... **59¢**

NOTE: We can supply all types of Jefferson Transformers.



Everything for the HAM



CORNELL-DUBILIER OIL-FILLED CONDENSERS



Type "TA" Condensers

The use of Pyranol, a new impregnator having high dielectric strength and high dielectric constant is responsible for the compactness and high efficiency of these condensers. Specially designed for amateur transmitters. The impregnator used is non-inflammable and eliminates the fire hazard. Height 4", length 3 3/4", width of 1 mfd. unit 1 1/4", of 2 and 4 mfd. units 2 1/4". Insulator 1 1/4" high. Shpg. wt. 5 lbs.

| Stock No. | Cap. Mfd. | Wkg. Volts | Your Cost | Stock No. | Cap. Mfd. | Wkg. Volts | Your Cost |
|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|
| XD2982 | 4 | 2000 | \$6.60 | XD2983 | 1 | 2500 | \$8.40 |
| | | | | XD2984 | 2 | 2500 | 10.20 |



Type "TC" Condensers

Pyranol impregnated and filled high voltage transmitting condensers. Can be operated continuously at voltages and ambient temperatures which are destructive to condensers using ordinary impregnators. 5 3/8" long, 3 3/4" wide, height as noted. Shpg. wt. 17 lbs.

| Stock No. | Cap. Mfd. | Wkg. Volts | Ht. | Your Cost | Stock No. | Cap. Mfd. | Wkg. Volts | Ht. | Your Cost |
|-----------|-----------|------------|--------|-----------|-----------|-----------|------------|--------|-----------|
| XD2987 | 1 | 3000 | 3 3/8" | \$10.80 | XD3007 | .5 | 5000 | 4 1/4" | \$15.00 |
| XD2988 | 2 | 3000 | 6" | 13.80 | XD2992 | 1 | 5000 | 9 1/4" | 18.00 |
| XD2989 | 4 | 3000 | 9 1/4" | 18.00 | XD3008 | .5 | 6000 | 6" | 32.40 |
| XD2990 | 1 | 4000 | 4 3/8" | 15.60 | XD2993 | 1 | 6000 | 9 1/4" | 37.80 |
| XD2991 | 2 | 4000 | 9 1/4" | 18.00 | XD3009 | 2 | 6000 | 12" | 61.20 |
| | | | | | XD3012 | 4 | 6000 | 12" | 75.60 |

Type "TB" Pyranol Condensers

Designed especially for high voltage rectifying systems supplying the plate circuits of commercial radio telegraph and telephone transmitters. These units are housed in arc welded steel containers, very compact in size. Leakage resistance and power factor change far less at high temperatures than with other types. Shpg. wt. 32 lbs.



| Stock No. | Cap. Mfd. | Wkg. Volts | H | L | W | Your Cost |
|-----------|-----------|------------|-----|-----|--------|-----------|
| XD2940 | .5 | 7500 | 9" | 8" | 4 1/2" | \$34.20 |
| XD2985 | 1.0 | 7500 | 9" | 8" | 4 1/2" | 44.40 |
| XD2986 | 2.0 | 7500 | 12" | 8" | 6" | 69.00 |
| XD2941 | 4.0 | 7500 | 12" | 12" | 7" | 99.00 |
| XD2942 | .5 | 10,000 | 9" | 8" | 4 1/2" | 61.20 |
| XD2943 | 1.0 | 10,000 | 12" | 8" | 4 1/2" | 78.60 |
| XD2944 | 2.0 | 10,000 | 12" | 10" | 6 1/2" | 99.00 |

Type "TD" Oil-Filled Condensers

These extremely compact special oil impregnated and filled condensers are the latest development by the Cornell-Dubilier Co. Particularly suited for Transmitters, Amplifiers, etc. 1" long, 1" wide. Shpg. wt. 1 lb.



| Stock No. | Cap. Mfd. | Wkg. Volts | Ht. | Your Cost | Stock No. | Cap. Mfd. | Wkg. Volts | Ht. | Your Cost |
|-----------|-----------|------------|--------|-----------|-----------|-----------|------------|--------|-----------|
| XD2994 | 1 | 600 | 2 1/2" | \$1.05 | XD2999 | 1 | 1500 | 2 7/8" | \$2.25 |
| XD2995 | 2 | 600 | 2 3/4" | 1.65 | XD3000 | 2 | 1500 | 4 3/8" | 3.75 |
| XD2996 | 4 | 600 | 4" | 2.70 | XD3005 | 4 | 1500 | 4 3/8" | 5.40 |
| XD2997 | 1 | 1000 | 2 1/2" | 1.50 | XD3001 | 1 | 2000 | 4 3/8" | 3.25 |
| XD2998 | 2 | 1000 | 4" | 2.70 | XD3003 | 2 | 2000 | 4 3/8" | 4.80 |
| XD3004 | 4 | 1000 | 4 3/4" | 4.20 | | | | | |

SANGAMO Mica

Condensers

Designed for the average low and high powered transmitters. Dielectric of the finest ruby mica. Cased in moulded bakelite.



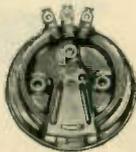
5000 V. D. C. Test—
2500 V. D. C. Working

| Stock No. | Cap. Mfd. | Wkg. Volts | Your Cost |
|-----------|-----------|------------|-----------|
| XD3085 | .0005 | 50 | \$0.39 |
| XD3076 | .0005 | 75 | .59 |
| XD3077 | .0001 | 53 | .53 |
| XD3078 | .00015 | 59 | .59 |
| XD3079 | .00025 | 62 | .62 |
| XD3080 | .0002 | 62 | .62 |
| XD3081 | .002 | 132 | 1.18 |
| XD3082 | .001 | 118 | .88 |
| XD3084 | .0015 | 2.85 | |

ELECTRAD

Power Rheostats

Vitreous Enameled. Shaft and bushing insulated from contact arm. Contact shoe of special graphite composition contacts wire-wound element on the outside diameter. Units especially suited for primary controls, filament controls, and general voltage attenuators. Single hole mounting. Shpg. wt. 3 lbs.



50-Watt Size

| Stock No. | Res. Ohms | Cur. Amps | Stock No. | Res. Ohms | Cur. Amps |
|-----------|-----------|-----------|-----------|-----------|-----------|
| XG7870 | 100 | .70 | XG7873 | 300 | .41 |
| XG7871 | 150 | .58 | XG7874 | 500 | .31 |
| XG7872 | 200 | .50 | XG7875 | 1000 | .22 |

List Price \$3.50.
Your Cost, Any Size... **\$2.06**

150-Watt Size

| Stock No. | Res. Ohms | Cur. Amps | Stock No. | Res. Ohms | Cur. Amps |
|-----------|-----------|-----------|-----------|-----------|-----------|
| XG7876 | 25 | 2.4 | XG7882 | 150 | 1.0 |
| XG7877 | 35 | 2.0 | XG7883 | 200 | .87 |
| XG7878 | 50 | 1.7 | XG7884 | 250 | .77 |
| XG7879 | 75 | 1.4 | XG7885 | 300 | .70 |
| XG7880 | 100 | 1.2 | XG7886 | 500 | .55 |
| XG7881 | 125 | 1.1 | | | |

List Price \$6.50.
Your Cost, Any Size... **\$3.82**



CORNELL X-Mitting Micas

Designed to meet the requirements of power amplifiers and low-power transmitters. Used principally as grid or plate-blocking condensers, as well as for the by-passing of R.F. currents. Tested at more than double the working voltage.

Test Voltage—1000 Volts
D. C. Working Volts—600

| Stock No. | Cap. Mfd. | Your Cost |
|-----------|-----------|------------|
| XD4154 | .0001 | 36c |
| XD4155 | .0002 | |
| XD4156 | .00025 | |
| XD4157 | .0005 | |
| XD4158 | .001 | |
| XD4159 | .002 | 50.39 |
| XD4160 | .003 | 51c |
| XD4161 | .005 | |
| XD4162 | .006 | |
| XD4163 | .01 | .84 |

Test Voltage—5000 Volts

| Stock No. | Cap. Mfd. | Your Cost |
|-----------|-----------|------------|
| XD3708 | .0001 | \$0.54 |
| XD3709 | .0002 | 63c |
| XD3710 | .00025 | |
| XD3711 | .0005 | |

Test Voltage—2500 Volts
D. C. Working Volts—1200

| Stock No. | Cap. Mfd. | Your Cost |
|-----------|-----------|---------------|
| XD3700 | .0001 | 42c |
| XD3701 | .0002 | |
| XD3702 | .00025 | |
| XD3703 | .0005 | |
| XD3704 | .001 | |
| XD3705 | .002 | \$0.54 |
| XD3706 | .003 | .81 |
| XD4164 | .005 | \$1.05 |
| XD4165 | .006 | |
| XD3707 | .01 | |

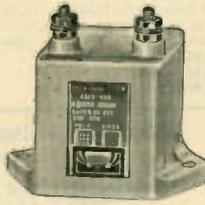
D. C. Working Volts—2000

| Stock No. | Cap. Mfd. | Your Cost |
|-----------|-----------|-----------|
| XD3712 | .001 | \$0.90 |
| XD3713 | .002 | 1.35 |
| XD4184 | .005 | 1.98 |
| XD3714 | .01 | 2.46 |

Porcelain Cased Micas—Type 86

Ceramic casing insulates condenser from interfering ground capacity and prevents field absorption—hence lower R.F. resistance.

| Stock No. | Cap. Mfd. | Max. A.C. | Volts D.C. | Your Cost |
|-----------|-----------|-----------|------------|---------------|
| XD4143 | .00005 | 10,000 | 12,500 | \$2.25 |
| XD4144 | .0001 | 10,000 | 12,500 | |
| XD4145 | .00025 | 10,000 | 12,500 | |
| XD4146 | .0005 | 5000 | 7000 | |
| XD4147 | .001 | 2500 | 3500 | |
| XD4181 | .0015 | 5000 | 7000 | \$2.85 |
| XD4148 | .0015 | 10,000 | 12,500 | 3.30 |
| XD4149 | .002 | 5000 | 7000 | 3.15 |
| XD4150 | .003 | 5000 | 7000 | 3.60 |
| XD4151 | .005 | 5000 | 7000 | \$4.20 |
| XD4152 | .01 | 2500 | 3500 | |
| XD4153 | .02 | 2500 | 3500 | |



Sprague Oil Immersed Condensers



These condensers are oil impregnated, oil filled and sealed so that there can be no leakage. Besides capacity and voltage ratings, all units are clearly marked as to type of filter circuit and output voltage which they may be used, making it unnecessary to use higher voltage ratings than needed. Employ cylindrically wound foil such as that formerly used in only the most expensive condensers. Provided with isolantite insulator connections and come with mounting clamp. Average shpg. wt. 3 lbs.

| Stock No. | Cap. Mfd. | Your Cost | Stock No. | Cap. Mfd. | Your Cost |
|-----------|---------------------|---------------|-----------|---------------------|---------------|
| XD4233 | —1 mfd. 1000 volts. | \$1.47 | XD4221 | —2 mfd. 2000 volts. | \$4.70 |
| Your Cost | | | Your Cost | | |
| XD4230 | —2 mfd. 1000 volts. | \$2.65 | XD4232 | —4 mfd. 1000 volts. | \$4.12 |
| Your Cost | | | Your Cost | | |

Bleeder Resistors



High quality transmitting resistors especially designed for amateur and commercial stations. High quality alloy resistance wire-wound on porcelain tubes and covered with vitreous enamel. Special eyelet method of fastening wire to the terminals prevents trouble due to high resistance contacts. Furnished with end mounting brackets. No tap.

| Stock No. | Wkg. Volts | Res. Ohms | Your Cost |
|-----------|------------|-----------|-----------|
| XN14100 | 500 | 50,000 | \$1.58 |
| XN14101 | 1000 | 60,000 | 1.65 |
| XN14102 | 1000 | 80,000 | 1.75 |
| XN14103 | 1500 | 100,000 | 1.95 |

| Stock No. | Wkg. Volts | Res. Ohms | Your Cost |
|-----------|------------|-----------|-----------|
| XN14104 | 750 | 50,000 | \$1.85 |
| XN14105 | 1000 | 60,000 | 1.98 |
| XN14106 | 1500 | 80,000 | 2.15 |
| XN14107* | 2000 | 100,000 | 3.30 |

*Indicates double units.

| Stock No. | Res. Ohms | Your Cost |
|-----------|-----------|---------------|
| XN14108 | 5,000 | \$1.25 |
| XN14109 | 10,000 | |
| XN14110 | 15,000 | |
| XN14111 | 20,000 | |
| XN14112 | 30,000 | \$1.48 |
| XN14113 | 50,000 | |

Trutest

X'mitting Resistors



High quality vitreous-enamelled resistors wound with finest alloy resistance wire. Monel metal terminals prevent corrosion and noisy contacts.

| Stock No. | Res. Ohms | Your Cost |
|-----------|-----------|------------|
| XE4985 | 50,000 | \$0.42 |
| XE4986 | 60,000 | .49 |
| XE4987 | 75,000 | 55c |
| XE4988 | 100,000 | |
| XE4970 | 5,000 | 35c |
| XE4976 | 10,000 | |
| XE4979 | 15,000 | |
| XE4981 | 20,000 | 39c |
| XE4983 | 30,000 | |
| XE4985 | 50,000 | |

We Will Not Knowingly Be Undersold

Transmitting Equipment

BLILEY Crystal Oven



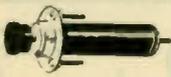
A scientifically designed constant temperature oven that is neat in appearance and easily mounted in an ordinary 5 prong socket. It is preadjusted to a 40° C. temperature yet can easily be readjusted if desired. Holds temperature to within one degree. Heats quickly. For inch square or smaller 40, 80 or 160 meter crystals. Interchangeable plug-in with standard Bliley holders. Rating: 7.5 volts at ¼ amps. Weighs 6 oz. All Bakelite construction, 2" diameter, 3½" high. Shpg. wt. 2 lbs.
XM13097—
Your Cost.....\$7.50

BLILEY Crystal Holder



Crystal holder of moulded bakelite to fit tube socket base. 20-40 meter and 80-160 meter types.
XM13098—20-40 meter.
XM13099—80-160 meter.
Your Cost, Either Type.....\$1.50

BRADLEY Radiostats



Power Rheostats especially designed for radio transmitting. Type E2111: Resistance 4 to 150 ohms. Capacity 1½ K. W. Shpg. wt. 5 lbs.
XM14128—
Your Cost Each.....\$5.42
 Type E210: Resistance 4 to 150 ohms. Capacity 75 watts. Shpg. wt. 2 lbs.
XM14129—
Your Cost Each.....\$3.34
 Type E210: Radioleak: Variable grid leak. Range, 5000 to 30,000 ohms. Shpg. wt. 2 lbs.
XM14130—
Your Cost Each.....\$4.17

Truest Oscillating Transmitting Crystals

Accuracy Guaranteed Within 1% or Better



Fundamental frequency-control is now possible with these Truest quartz crystals. Carefully ground from the finest quartz obtainable to precision thickness. Approximately 1" square with rounded corners. X or Y cut and accurate to within one tenth of 1% or better. Specify frequency and cut desired and we will supply nearest STOCK crystal calibrated.

| Stock No. | Frequency K. C. | Your Cost |
|----------------|-----------------|---------------|
| XM13501 | 7000 to 7300 | \$3.95 |
| XM13502 | 3500 to 4000 | \$2.95 |
| XM13503 | 1700 to 2000 | |
| XM13504 | 500 to 1500 | 3.95 |

Used in single signal receivers with I. F. transformers tuned between 525 and 465 Kilocycles. Specify frequency.
XM13459—525 to 465. Your Cost.....\$3.95
100 K. C. Frequency Standard Bar

Used for checking frequency calibration. Very accurate.
XM13460—100 K. C. Your Cost.....\$5.95

Oscillating Quartz Blanks

High quality quartz blanks about 1" square with rounded corners. These crystals are practically finished but have not been calibrated. Furnished X or Y cut for 80 meter band. Specify cut desired.
XM13461—
Your Cost.....\$1.75

Crystal Holder



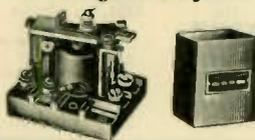
Made of heavy nickel plated brass and bakelite. Has standard prongs. Ground oxide-coated metal bottom contact and spring brass upper contact. Size 2½ x 1½ x ¾".
XM14098—Your Cost \$1.10
Less Crystal.....

Receptacle for Holder

Made of bakelite. Insulating qualities insure minimum of loss, resulting in maximum efficiency.
XM14099—
Your Cost.....10¢

We can supply quartz specialties. Write us your requirements.

WARD LEONARD Midget Relays



Model 501: For use with mercury-vapor rectifiers. With enclosing cover and adjustable thermal time element to delay the plate potential. For use where a compact relay is desired for automatic or remote control of circuits. Single pole, single throw, single break, normally open, 110 volts, 60 cycle. Shpg. wt. 2 lbs.
XM14131—
Your Cost Each.....\$8.82
 Model 507: Keying Relay; single pole, single throw, double break. 2½ volts D. C.
XM14133—
Your Cost.....\$4.12
 Model 508: Keying Relay same as above for 6 V. D. C.
XM14134—
Your Cost.....\$4.12

High Frequency Buzzer



High frequency buzzer for modulating a C. W. carrier or for making code practice set. Black crystalline case. Shpg. wt. 1 lb.
XM14006—
Your Cost.....73¢

SPEEDX Buzzer



Constant frequency buzzer for practice or modulation work. 2 ohms resistance. Shpg. wt. 1 lb.
XM14021—
Your Cost.....59¢

Compact Piezostat



A very compact yet highly efficient thermostat measuring only 1¼" by ¾". Specifically designed for use in crystal ovens. Can also be used for other purposes. Will carry up to 100 watts A. C. and 60 watts D. C. Adjustable for any operating temperature between room temperature and 300 degrees. Silver contacts. Housed in porcelain tube with brass end terminals. Actuating element is of the bimetal type and thoroughly reliable. Shpg. wt. 16 ozs.
XM13923—
Your Cost.....\$1.47

We can supply original Martin Vibroplex Keys at typical W.R.S. prices. Immediate delivery.

SIGNAL

Practice Sets—Xmitting Keys

High Frequency 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 and it is ready to operate. An easy and quick means of learning the code. Base 7x4¾". Shpg. wt. 2 lbs.
XM14001—
Your Cost Each.....\$2.02

Junior Set

Similar to the above but with metal base and non-adjustable buzzer. An inexpensive practise set that will serve the purpose for the beginner. Shpg. wt. 3 lbs.
XM14014—
Your Cost.....\$1.03



Designed especially for radio work. Arm, base, and supporting posts of heavy cast brass. Coin silver contact points. Shpg. wt. 2 lbs.
 Stock No. Contacts Net Price
XM14002.....\$2.25
XM14003.....2.35
XM14004.....2.50

Key with Switch



A telegraph key equipped with a switch to close contacts. Polished lacquered brass base. Key and switch lever nicked. Shpg. wt. 4 lbs.
XM14017—
Your Cost.....\$1.75

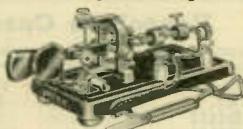
Same as above but less switch.
XM14005—
Your Cost.....\$1.65

Twin Practice Set

Two way communication outfit, consisting of two Junior sets with 75 ft. of wire and an instruction manual. Can be operated between houses, etc. Shpg. wt. 6 lbs.
XM14015—
Your Cost.....\$2.05

SPEED X

Hi-Speed Keys



Model 501
 Speed key for amateurs and professionals. Adjustable from 8 words per minute to as high a rate as desired. Standard construction throughout. Solid silver coin contacts. Will hold adjustment at all speeds. Base and all parts chrome finished. Shpg. wt. 5 lbs.
XM14028—
Your Cost.....\$7.50

Model 511

A smaller model especially designed for the amateur. Fully adjustable. All chrome finished. Shpg. wt. 5 lbs.
XM14029—Each.....\$6.30
 Either of the above may be had with black base at 60c less.

Key Knobs



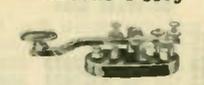
Bakelite replacement knob.
XM14036—Each.....8¢
Navy knob (with disc).....15¢
XM14037—Each.....15¢
 Paddles for speed key.
XM14038—Each.....15¢

Heavy Duty Key



For the experienced amateur and for the beginner who wants to start "right" this key is heartily recommended. It has ¼" diameter solid coin silver contacts. Finest type insulation. All chrome plated. Heavy metal base. Shpg. wt. 4 lbs.
XM14039—
Your Cost.....\$1.80

Amateur's Key



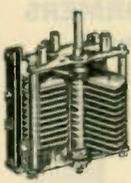
A high grade key designed especially for the amateur. Pure coin silver contacts. Black base all other parts chrome. Shpg. wt. 4 lbs.
XM14040—
Your Cost.....\$1.05

Practice Key

An inexpensive key, carefully adjusted so as to have the feel of more expensive keys. Black base. All other parts chrome finish. Shpg. wt. 2 lbs.
XM14041—Your Cost.....80¢

CARDWELL CONDENSERS

CARDWELL TRANSMITTING CONDENSERS



These condensers have made an enviable reputation for themselves over a period of years. Construction is exceptionally rugged, condensers having .084" air gaps and over have much heavier plates than have been used by anyone for this purpose. Plate edges are carefully rounded off and very highly polished. This type of construction will withstand about 60% more voltage before flashing over. Extra heavy plates give a freedom from vibration which makes their use for tuning on wave lengths below 30 meters very advantageous. For medium power and amateur use. Cardwell condensers are used in many commercial and government transmitters, as well as amateur, and are known for their accuracy and reliability throughout the world. Shpg. wt. 5 lbs.



| Stock No. | Type No. | Max. Cap. Mmfd. | Air Gap | List Prices | Number of Plates | Depth (Back of Panel) | Your Cost |
|-----------|----------|-----------------|---------|-------------|------------------|-----------------------|-----------|
| XH8600 | *141B | 250 | .030" | \$ 3.00 | 11 | 2 1/2" | \$1.76 |
| XH8601 | *123B | 480 | .030" | 4.00 | 21 | 3" | 2.35 |
| XH8602 | *137B | 960 | .030" | 5.00 | 41 | 4" | 2.94 |
| XH8603 | 164B | 220 | .070" | 4.00 | 21 | 4" | 2.75 |
| XH8604 | 147B | 440 | .070" | 7.00 | 43 | 5 3/4" | 5.88 |
| XH8605 | †T199 | 330 | .084" | 10.00 | 37 | 6 1/2" | 12.94 |
| XH8606 | †DT199 | 650 | .084" | 22.00 | 73 | 11 1/4" | 5.88 |
| XH8607 | †520B | 242 | .100" | 10.00 | 33 | 6 1/2" | 12.35 |
| XH8608 | †521B | 525 | .100" | 21.00 | 67 | 11 1/4" | 5.30 |
| XH8609 | *T183 | 110 | .171" | 9.00 | 23 | 6 1/2" | 10.58 |
| XH8610 | †DT183 | 228 | .171" | 18.00 | 45 | 11 1/4" | |

Neutralizing Condensers

| Stock No. | Type No. | Max. Cap. Mmfd. | Air Gap | List Prices | Number of Plates | Depth (Back of Panel) | Your Cost |
|-----------|----------|-----------------|---------|-------------|------------------|-----------------------|-----------|
| XH8611 | †511B | 23 | .171" | \$ 3.00 | 5 | 3" | \$2.05 |
| XH8612 | †513B | 50 | .171" | 6.00 | 11 | 4" | 4.10 |
| XH8613 | †515B | 56 | .230" | 10.00 | 15 | 5 3/4" | 6.85 |
| XH8614 | †415B | 34 | .171" | 5.50 | 15 | 4 1/2" | 3.75 |

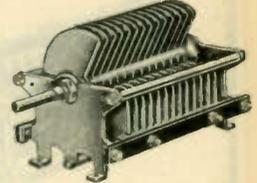
Split Stator Condensers

| Stock No. | Type No. | Max. Capacity Mmfd. | | Air Gap | List Prices | Number of Plates (Each Section) | Depth (Back of Panel) | Your Cost |
|-----------|----------|---------------------|-------------|---------|-------------|---------------------------------|-----------------------|-----------|
| | | Sections in Mult. | Per Section | | | | | |
| XH8615 | *156B | 1000 | 250 | .030" | \$6.00 | 21 | 4" | \$3.53 |
| XH8616 | 197B | 160 | 40 | .070" | 5.00 | 9 | 4" | 2.94 |
| XH8617 | 157B | 420 | 100 | .070" | 8.00 | 21 | 5 3/4" | 4.70 |
| XH8618 | †512B | 100 | 25 | .171" | 10.00 | 11 | 6 1/2" | 5.88 |

* Standard receiving condenser spacing—suitable for low powered transmitting.
 † Rotor and stator plates have rounded edges and are highly polished overall.

Design 16B

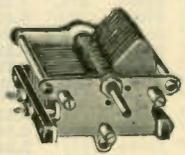
This model is primarily intended to meet requirements where condensers for moderate high voltages are needed. It is possible to furnish in this type of design greater air gaps and higher capacities in relation to air gaps than is possible with the design used in the smaller types; and still retain adequate structural strength and a proper balance between the various elements.



| Stock No. | Type No. | Capacity Mmfd. | Air Gap | Number Plates | Your Cost |
|-----------|----------|----------------|---------|---------------|-----------|
| XH8590 | 3279 | 315 | .168" | 31 | \$21.33 |
| XH8591 | 3280 | 147 | .168" | 15 | 15.30 |
| XH8592 | 3281 | 84 | .168" | 9 | 13.25 |
| XH8593 | 3276 | 160 | .294" | 25 | 20.00 |
| XH8594 | 3277 | 80 | .294" | 13 | 14.65 |
| XH8595 | 3278 | 47 | .294" | 7 | 13.25 |

(May be furnished with Split Stator if desired. Add \$1.76 to above prices.)

Midway Featherweight Series



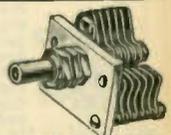
A series of transmitting condensers having a .070" air gap that have been especially designed for use where compactness and light weight are of great importance. Despite their light weight they are rigidly constructed and are well suited for use in portable transmitters such as are used in aircraft, etc., where considerable vibration is experienced. Aluminum construction throughout with the exception of shafts, bearings and contact surfaces. The small amount of steel used is well cadmium plated. Overall mounting space required; 3x2 1/4". Shaft diameter 1/4". Depths range from 2 1/4" to 4 1/4". Shpg. wt. 2 lbs.

| Stock No. | Your Cost | Type No. | Plates | Max. Cap. Mmfd. | Split Stator Stock No. | Your Cost |
|-----------|-----------|----------|--------|-----------------|------------------------|-----------|
| XH8550 | \$1.53 | 408B | 5 | 22 | XH8619 | \$2.70 |
| XH8551 | 1.65 | 409B | 7 | 35 | XH8620 | 2.94 |
| XH8552 | 1.88 | 410B | 11 | 50 | XH8621 | 3.40 |
| XH8553 | 2.12 | 411B | 15 | 70 | | |
| XH8554 | 2.36 | 412B | 21 | 100 | | |
| XH8555 | 2.94 | 413B | 31 | 150 | | |

(The above condensers are suitable for transmitters using up to a 75 watt tube.)

"Trim-Air" Midget

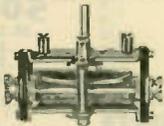
Similar to the receiving types listed below but with .070" air gap for transmitters. Maximum capacity 30 micro-micro-farads, 17 plates. Shpg. wt. 2 lbs.



XH8630—**\$1.00**
 Your Cost

CARDWELL RECEIVING CONDENSERS

Short Wave Condensers



Has two plates which may be variably spaced, affording a low capacity. Stator plate adjustable to afford maximum capacities from 50 to 10 mfmfd. Constant minimum .7 mfmfd. Shpg. wt. 2 lbs.

XH8582—Type 201E.
 List \$4.00. **Your Cost \$2.35**

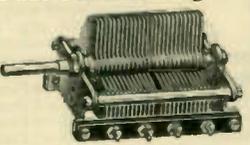
Taper Plate Condensers

A straight frequency tuning curve is secured by a regular variation of the thickness of the air dielectric with a pronounced gain in efficiency, compactness and mechanical strength. Shpg. wt. 4 lbs.

| Stock No. | Type No. | Plates | Max. Cap. Mmfd. | List Price | Your Cost |
|-----------|----------|--------|-----------------|------------|-----------|
| XH8573 | 191E | 3 | 75 | \$4.00 | \$2.35 |
| XH8574 | 167E | 5 | 150 | 4.00 | 2.35 |
| XH8575 | 168E | 7 | 220 | 4.25 | 2.50 |
| XH8576 | 169E | 11 | 350 | 4.75 | 2.79 |
| XH8577 | 192E | 15 | 500 | 5.00 | 2.94 |

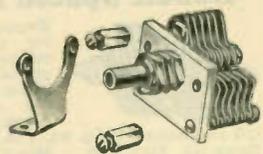
Cardwell Dual Featherweight

This dual Condenser of 350 mfmfd., each section is designed for light weight and compactness, and is used in Aircrafts, Portables, Midgets, etc. Shpg. wt. 2 lbs. Type 407BS.
 XH8581—List \$5.50
Your Cost \$3.24



New "Trim-Air Midgets"

An entirely new and unique design in midget condensers. Regularly supplied with a detachable shaft, rotor locking nut, and panel mounting nut. The shaft extension may be removed, leaving the screwdriver slot for permanent adjustment and locking of the rotor if desired. Two or more condensers can easily be ganged together. Shpg. wt. 2 lbs.



| Stock No. | Max. Cap. Mmfd. | Min. Cap. Mmfd. | Your Cost |
|-----------|-----------------|-----------------|-----------|
| XH8631 | 15 | 1.5 | \$0.68 |
| XH8632 | 25 | 2.0 | .73 |
| XH8633 | 35 | 2.5 | .79 |
| XH8634 | 50 | 2.8 | .85 |
| XH8635 | 75 | 2.7 | .91 |
| XH8636 | 100 | 2.9 | .94 |
| XH8637 | 140 | 4.5 | 1.68 |

Mounting bracket with screws and nuts. **XH8638 6c**
 Your Cost
 Extension shafts for ganging condensers. **XH8639 5c**
 Your Cost
 Mtg. Posts with screws and lock-washers. **XH8640 6c**
 Your Cost, Per Pair

Midway Featherweight



Especially suited for aircraft equipment, portable sets, receivers, transmitters and oscillator-amplifiers where weight and space are a factor. Very finely constructed—no swaged rivets or eyelet heads to become slack. Aluminum is used throughout with the exception of bearings. A Real Condenser—not a midget. Shpg. wt. 2 lbs.

Have .031 air gap and are also suitable for low power transmitting sets using 210 tubes.

Receiving Type

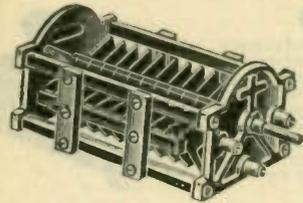
| Stock No. | Your Cost | Type No. | Plates | Cap. Mmfd. | Split Stator Stock No. | Your Cost |
|-----------|-----------|----------|--------|------------|------------------------|-----------|
| XH8563 | \$1.24 | 401B | 3 | 26 | | |
| XH8564 | 1.30 | 402B | 5 | 50 | | |
| XH8565 | 1.35 | 403B | 7 | 70 | XH8547 | \$2.35 |
| XH8566 | 1.41 | 404B | 11 | 105 | XH8548 | 2.47 |
| XH8567 | 1.47 | 405B | 15 | 150 | XH8549 | 2.59 |
| XH8568 | 1.62 | 406B | 25 | 260 | | |
| XH8569 | 1.77 | 407B | 35 | 365 | | |

NOTE

In addition to the many types listed on this page we can also supply a great variety of special transmitting condensers for use in small, medium and large stations. Write us your requirements.

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

New HAMMARLUND Transmitting Condensers



The NEW HAMMARLUND Transmitting Condensers incorporate features usually associated only with high power transmitters. The use of extruded Isolantite for insulation assures highest efficiency. Heavy cast aluminum end plates shield the condenser thoroughly. High voltage type condensers have rounded polished edges to increase resistance against flash-over on peak voltages. Both dual and single type of condensers are available as listed below. Shafts are $\frac{1}{4}$ " diameter, extend $1\frac{1}{2}$ " beyond panel mounting bushings. Overall width $4\frac{1}{4}$ ", height $3\frac{3}{8}$ ". Maximum shpg. wt. 5 lbs.

condensers have rounded polished edges to increase resistance against flash-over on peak voltages. Both dual and single type of condensers are available as listed below. Shafts are $\frac{1}{4}$ " diameter, extend $1\frac{1}{2}$ " beyond panel mounting bushings. Overall width $4\frac{1}{4}$ ", height $3\frac{3}{8}$ ". Maximum shpg. wt. 5 lbs.

| Stock No. | Mmf. Plates | Thick-ness | Plate Edges | *Plate Spacing | Volt- age Rating | Over- all Lgth | Your Cost |
|-----------|-------------|------------|-------------|----------------|------------------|-------------------|-----------|
| XN14062 | 30 | 7 | .040" | Rounded .192" | 6500v | $3\frac{3}{8}$ " | \$2.94 |
| XN14063 | 50 | 11 | .040" | Rounded .192" | 6500v | $4\frac{1}{2}$ " | 3.81 |
| XN14064 | 100 | 21 | .040" | Rounded .192" | 6500v | $6\frac{1}{2}$ " | 5.59 |
| XN14065 | 160 | 31 | .040" | Rounded .192" | 6500v | $8\frac{1}{2}$ " | 7.35 |
| XN14066 | 225 | 47 | .040" | Rounded .192" | 6500v | $12\frac{1}{2}$ " | 9.42 |
| XN14067 | 100 | 7 | .040" | Rounded .080" | 3000v | $3\frac{1}{2}$ " | 3.24 |
| XN14068 | 150 | 17 | .040" | Rounded .080" | 3000v | $3\frac{3}{4}$ " | 3.81 |
| XN14069 | 225 | 23 | .040" | Rounded .080" | 3000v | $4\frac{1}{2}$ " | 4.70 |
| XN14070 | 335 | 43 | .040" | Rounded .100" | 3500v | $7\frac{1}{2}$ " | 7.06 |
| XN14071 | 450 | 47 | .040" | Rounded .080" | 3000v | $7\frac{1}{2}$ " | 3.53 |
| XN14072 | 225 | 23 | .025" | Plain .038" | 2000v | $4\frac{1}{2}$ " | 2.94 |
| XN14073 | 350 | 19 | .025" | Plain .038" | 1000v | $3\frac{3}{8}$ " | 3.24 |
| XN14074 | 500 | 27 | .025" | Plain .038" | 1000v | $3\frac{3}{8}$ " | 3.24 |

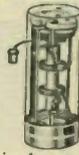
The following are Dual types, capacities are per section:

| Stock No. | Mmf. Plates | Thick-ness | Plate Edges | *Plate Spacing | Volt- age Rating | Over- all Lgth | Your Cost |
|-----------|-------------|------------|-------------|----------------|------------------|-------------------|-----------|
| XN14114 | 500 | 27 | .025" | Plain .038" | | $5\frac{1}{2}$ " | \$5.29 |
| XN14115 | 100 | 11 | .025" | Plain .080" | | $4\frac{1}{2}$ " | 6.46 |
| XN14116 | 225 | 23 | .025" | Plain .080" | | $6\frac{1}{2}$ " | 7.06 |
| XN14117 | 50 | 11 | .040" | Rounded .192" | | $6\frac{3}{4}$ " | 10.58 |
| XN14118 | 100 | 21 | .040" | Rounded .192" | | $11\frac{1}{4}$ " | 10.58 |

* Actual Air Gap between adjacent rotor and stator plates.

HAMMARLUND LITZ WIRE WOUND I. F. TRANSFORMERS

Air Tuned



These air tuned I. F. transformers will retain their original settings to within 1-10 of 1% as compared with transformers using mica dielectric condensers that have a change of 2% or more in frequency. Designed for '57 and '58 type tubes but may also be used with 24's and 35's. Shield can is $2\frac{1}{2}$ " wide by 5" high. Oscillator equipped with tuning lever to vary beat note. A 1000 or 1500 cycle beat note is produced for CW reception. Shpg. wt. 1 lb.

- XH8542—465 K. C. I. F.
- XH8495—465 K. C. center tapped.
- XH8543—465 K. C. beat oscillator.
- XH8544—175 K. C. I. F.
- XH8493—175 K. C. center tapped.

Your Cost \$2.65
Any Type.....

Mica Tuned



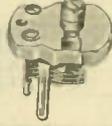
Specially designed for experimental and replacement purposes. 465 K. C. is Litz wound. The $\frac{1}{2}$ " coils are of 10-41 Litz with a power factor of .01 or a Q of 100.

Coupling is very slightly below optimum. Designed for use with 58 or 35 type tubes. Tuned by adjustable condensers with mica dielectric and isolantite base. Wax impregnation and sturdy construction provide excellent stability. The shield can is $1\frac{1}{2}$ " square by $3\frac{1}{2}$ " high. Base mounting.

- XH8539—Peaked at 175 K. C. List \$1.65
- XH8540—Peaked at 465 K. C. List \$1.65

Your Cost 97¢
Either Type.....

Air Padding Condensers

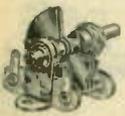


Isolantite mounted air padding condensers that will fit $1\frac{1}{2}$ " diameter cans. Have .015" air gap. Screwdriver adjustment. Sizes are available

from 25 to 100 mmfds. providing suitable values for any purpose.

| Stock No. | Capacity Mmfds. | Your Cost |
|-----------|-----------------|-----------|
| XH8623 | 25 | \$0.76 |
| XH8624 | 50 | .88 |
| XH8625 | 75 | 1.00 |
| XH8626 | 100 | 1.12 |

HAMMARLUND Midget Condensers



Soldered non-corrosive plates, sturdy frame, fitted bearings. Isolantite insulation. Four point bronze wiping contacts, eliminates pigtails. Vibration-proof construction. Bushing lock for fixed frequency work. Panel and base mounting. Individually tested on 500 volts A. C. Shpg. wt. 3 lbs.

| Stock No. | Plates | Min. Mmf. | Max. Mmf. | List | Net |
|-----------|--------|-----------|-----------|--------|--------|
| XH8503* | 3 | 3 | 20 | \$1.40 | \$0.82 |
| XH8504* | 5 | 4 | 35 | 1.50 | .88 |
| XH8505* | 7 | 5 | 50 | 1.60 | .94 |
| XH8506* | 11 | 6 | 80 | 2.00 | \$1.18 |
| XH8507* | 11 | 6 | 80 | 2.00 | \$1.33 |
| XH8508* | 14 | 6 | 100 | 2.25 | 1.47 |
| XH8509 | 14 | 6 | 100 | 2.25 | 1.62 |
| XH8510† | 19 | 7 | 140 | 2.50 | 1.76 |
| XH8511 | 27 | 10 | 200 | 2.75 | 2.06 |
| XH8512 | 34 | 10 | 260 | 3.00 | |
| XH8513 | 43 | 12 | 320 | 3.50 | |

* Semi Circular Plates; others Midline Plates.
† Either Semi Circular or Midline—specify type.

Band Spread Midget



Designed for use as band spread condensers for use in short wave receivers and for use in amateur band frequency meters. "Tank" section can be set and capacity permitting the tuning section to spread narrow frequency ranges over the entire dial, regardless of the range of the band or the coils used.

| Stock No. | Tank Cap. Mmf. | Tuning Cap. Mmf. | Your Cost |
|-----------|----------------|------------------|-----------|
| XH8516 | 100 | 20 | \$1.77 |
| XH8517 | 100 | 50 | 1.91 |
| XH8518 | 100 | 75 | 2.06 |

Double Spaced Midgets

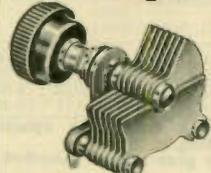


Especially designed for use in transmitters. Actual air-gap between rotor and stator is .0715". Midline plates, special bearings, and Isolantite insulation. Shpg. wt. 1 lb.

| Stock No. | Max. Cap. | Min. Cap. | Your Cost |
|-----------|-----------|-----------|-----------|
| XH8488 | 35 | 6 | \$1.32 |
| XH8489 | 50 | 7 | 1.62 |
| XH8490* | 33 | 6 | 2.06 |

* Dual Condenser rating is each section. Available with either Semi Circular or Midline plates—specify type desired.

Star Midgets



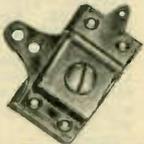
A popular low priced midget for short wave transmitters, receivers, etc. Light in weight, strong and compact in construction and smooth in operation. Low loss bakelite insulation and non-corrosive aluminum plates. Single hole mounting, $\frac{1}{4}$ " shaft. $1\frac{1}{4}$ " wide, $1\frac{1}{2}$ " high. Depth behind panel from $\frac{1}{4}$ " to $1\frac{1}{2}$ " depending on capacity. 1" bakelite knob. Shpg. wt. 1 lb.

| Stock No. | Capacity Mmfds. | Depth Inches | Your Cost |
|-----------|-----------------|------------------|-----------|
| XH8482 | 15 | $1\frac{1}{4}$ " | \$0.50 |
| XH8483 | 25 | $1\frac{1}{4}$ " | |
| XH8484 | 50 | $1\frac{1}{4}$ " | \$0.53 |
| XH8485 | 100 | $1\frac{1}{4}$ " | .59 |
| XH8486 | 140 | $1\frac{1}{2}$ " | .73 |
| XH8487* | 35 | $1\frac{1}{2}$ " | .59 |

* Double spaced Transmitter condenser.

Equalizers

For neutralizing, balancing and trimming purposes. Mica dielectric, bronze plate, bakelite base.



| Stock No. | Cap'y Mmfds. | Your Cost |
|-----------|--------------|-----------|
| XH9748 | 3-35 | \$0.18 |
| XH9749 | 25-80 | .24 |

HAMMARLUND Tube Shield



An especially close fitting shield that is particularly suitable for high frequency work. Drawn in neck completes shielding between elements. For 57, 58, and similar type tubes. Shpg. wt. 1 lb.

XM13244—35¢
Your Cost.

Flexible Insulated Shaft Coupling



This coupling permits tandem operation of any number of independent units without requiring exact alignment. Shafts are insulated from each other allowing instruments in gang to be operated as independent electrical units. List 60¢.

XH8412—35¢
Your Cost.

Ultra Short Wave Coil Form

Especially designed for 28 to 56 Megacycle band. Similar to those at right but smaller. $1\frac{1}{2}$ " diameter, 2" long. Knob not supplied. 5 Prong only.

XH10055—44¢
Your Cost.

Trimmer Condenser
Isolantite base. Capacity 3 to 30 mmfd. Serew adjustment.
XH9747—18¢
Your Cost.

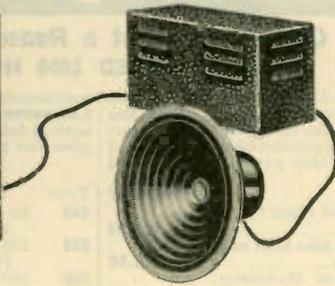
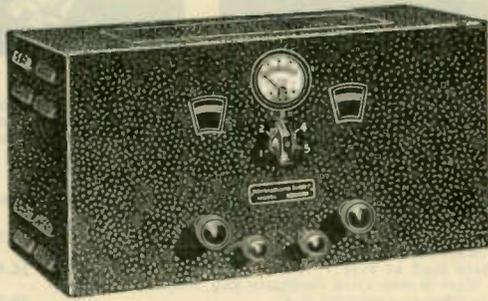
HAMMARLUND Isolantite Coil Forms

Isolantite material is known to science to be the finest for high frequency work. The form is equipped with a black enameled grip handle. Size $1\frac{1}{2}$ " in diameter by $2\frac{1}{2}$ " high, exclusive of knob and prongs.



XH10056—4 Prong Form
XH10057—5 Prong Form
XH10058—6 Prong Form
XH10059—7 Prong Form
Shpg. wt. 1 lb.
Your Cost Each..... 58¢

New! Hammarlund SUPER-PRO



- ✓ 2—R. F. Stages Preceding The First Detector
- ✓ Beat Frequency Oscillator For CW Reception
- ✓ Band Spread Tuning at All Frequencies
- ✓ Covers SW and Broadcast Bands 15-560 Meters
- ✓ Complete—No Extras to Buy
- ✓ No Plug-in Coils

New! HAMMARLUND "Super-Pro" Receiver

The new "Super-Pro", just added to the line of Hammarlund receivers, is offered as the finest receiver that it is possible to build for amateur or commercial use. For simplicity of operation, high degree of sensitivity and selectivity, and modern refinements of circuit design, it has no equal. It covers both the broadcast and the short wave frequencies.

Ultra Modern 15 Tube Circuit

Every possible improvement in design (licensed under RCA and Hazeltine patents) has been incorporated in the advanced superheterodyne circuit using 15 of the latest type tubes as follows: 2—6D6's as two R. F. amplifiers; 1—6A7 as first detector; 3—6D6's as I. F. amplifiers; 2—6B7's as second detector and AVC tubes; 2—6C6's as high frequency and beat frequency oscillators; 3—42's as power output tubes; 1—5Z3 as plate rectifier and 1—1V as grid bias rectifier. The I. F. transformers are Litz wire wound and tuned by air dielectric condensers. The beat frequency oscillator may be cut in or out of the circuit by means of a toggle switch mounted on front panel.

Other Features

Receiver and power supply are in two separate chassis, both fully shielded. The main tuning control, calibrated to 1/2% accuracy, permits direct tuning on any band. An auxiliary control provides band spread at all fre-

quencies. Volume and radio frequency gain regulated by individual controls. No plug-in coils—a newly designed wave change switch selects any of the five tuning ranges which cover from 15 to 560 meters. Two illuminated tuning dials, one for main tuning and the other for band spread. Dials calibrated directly in five ranges; a special shield which works in conjunction with the band switch allows only one selected band to show on dial. Input of receiver is electro-statically shielded for balanced transmission lines—either doublet or "double-doublet" antennas may be used. Output meter on front panel indicates comparative signal strength and assures excellent tuning. A special 12" high fidelity speaker supplied with the receiver fully handles the 18 watts of undistorted output available from the audio amplifier.

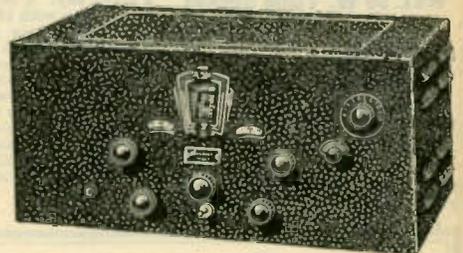
Crystal Filter Model

The "Super-Pro" is available with Single Signal Crystal Filter which provides maximum selectivity. Both receiver and power supply are housed in well ventilated metal cabinets finished in black crystalline. Adapted to relay rack mounting. The "Super-Pro" may be used with batteries if desired. Standard model for 105-120 volts, 50-60 cycles A. C. Shpg. wt. 70 lbs.

- XN13910**—Hammarlund "Super-Pro" Receiver, complete with power supply, tubes and special 12" High Fidelity Speaker. **\$164.64**
List \$280.00. **Your Cost**.....
- XN13911**—Hammarlund "Super-Pro" Receiver, complete as above, with Single Signal Crystal Filter. List \$310.00 **\$182.28**
Your Cost.....

HAMMARLUND Comet "Pro" S. W. Superheterodyne

✓ Bandsread on ALL Bands
✓ Air-Tuned I.F. Transformers



This exceptional Short Wave Superheterodyne has not been named the "PRO" without reason. It was designed for communications, airport, broadcasting, police and other equally important services, yet, despite this rigid adherence to professional standards, it is simple to tune and can be successfully operated by the veriest novice. With only four sets of coils it covers a band of frequencies from 1,500 to 20,000 Kc. (additional coils covering from 20,000 to 37,500 Kc. and from 550 to 1,500 Kc. also available), and, due to its unique design, bandsreading can be obtained at ANY frequency within the range of the receiver. The following are just a few of the features of these remarkable receivers:

1. Sensitivity of better than 1/4 microvolt per meter.
2. Selectivity of 1,000 times at 10 Kc. off resonance.
3. Noise level so low as to be negligible.
4. Intermediate oscillator for C. W. code reception, also valuable as a "station finder" in searching for weak phone stations.
5. Smooth control of sensitivity; tone control for noise suppression; vernier tuning control.
6. Isolantite coil forms, coil sockets, and condenser insulation.
7. Litz wound intermediates.
8. Complete shielding.
9. Air-tuned I. F. transformers.
10. Electron coupled oscillators.
11. Optional "single signal" reception using Crystal Filter.
12. Output of 3 watts.

All of these features contribute to the outstandingly fine performance that these receivers are capable of, and make it the ideal receiver both for the fan, who gets a thrill out of listening to foreign broadcasts, as well as the "ham" who demands a receiver that will dig out of the "QRM" and "QRN" the stations he wants to get.

A. C. models use the following tubes: 4-58's, 2-57's, 1-2A5 and 1-80. Receiver comes mounted in an attractive black crystalline finished metal cabinet. Models in console cabinets are also available; write for prices. Hammarlund "Pro" receivers are available in various types as listed below. All prices are without tubes. Shpg. wt. 51 lbs.

- XN13833**—Standard "Pro" with Cabinet. List \$150.00. **\$88.00**
Your Cost.....
- XN13836**—Standard "Pro" Chassis only. List \$135.00. **\$79.38**
Your Cost.....
- XN13847**—"Pro" with Crystal Filter, in Cabinet. **\$105.84**
List \$180.00. **Your Cost**.....
- XN13848**—"Pro" with Crystal Filter, Chassis Only. **\$97.02**
List \$165.00. **Your Cost**.....

All of the above models are for 110-115 volts 50-60 cycle A. C. Receivers for 25 or 40 cycles, 125, 140, 230 or 250 volts are also available for \$5.88 additional price. All prices are complete with four sets of coils to cover 15 to 250 meters.

- XH8492**—Additional "Pro" coils for 8 to 16 meters, per set. **\$2.94**
List \$5.00. **Your Cost**.....
- XH8491**—"Pro" coils for 250 to 550 meters, per set. **\$2.94**
List \$5.00. **Your Cost**.....
- XW19136**—Specially matched Lafayette 11" A. C. Speaker chassis for use with "Pro" receivers. **\$7.95**
Your Cost.....

TRANSMITTING TUBES

Lafayette

"A Quality Tube at a Reasonable Price"
GUARANTEED 1000 HOURS

All Transmitting Tubes in the new Lafayette Line now have pure carbon plates providing high plate dissipation without overheating. They also provide more constant tube characteristics under operation since the carbon plates do not vary in physical size nor warp under heat. All types of Transmitting Tubes are available including high power amplifiers and

rectifiers such as the 869, 869-A, etc. Prices and characteristics on request. **Lafayette Transmitting Tubes are Guaranteed for 1000 hours** against defective materials and workmanship on a pro-rata basis. Broken glass and burnt elements not subject to replacement.

| Type | Purpose | Your Cost | Type | Purpose | Your Cost |
|-------|---|-----------|-------|---|-----------|
| 203-A | 50 Watt Oscillator, R-F Amplifier and Class "B" Modulator. Graphite plate. | \$10.95 | 845 | 50 Watt Linear Amplifier and Modulator. Not recommended as R-F tube | \$10.95 |
| 204-A | 250 Watt Oscillator, R-F Amplifier. Also used as Modulator. | 75.00 | 852 | 100 Watt Oscillator, R-F Amplifier. Grid lead at top and Plate lead at side. | 16.95 |
| 210 | 7½ Watt Oscillator, R-F Amplifier or Modulator. An improved type. | 1.95 | 860 | 100 Watt Screen Grid Oscillator and Amplifier. Especially efficient over 3000 K. C. | 29.75 |
| 211 | 50 Watt Oscillator, R-F Amplifier and Modulator. | 10.95 | 865 | 7½ Watt Screen Grid Oscillator and R-F Amplifier. Especially efficient over 3 M. C. | 10.75 |
| 242 | 50 Watt Oscillator, R-F Amplifier and Modulator. | 10.95 | 866 | Half-Wave Mercury Vapor Rectifier. Maximum plate current, 6 amps. | 1.95 |
| 510-C | New 15 Watt Oscillator and Power Amplifier that is interchangeable with the 210. | 2.95 | 872 | Half-Wave Hot Cathode Mercury Vapor Rectifier. Maximum plate current, 2.5 amps. | 10.95 |
| 800 | A new Oscillator, R-F Amplifier or Class "B" Modulator that is extremely efficient. | 7.50 | 866-A | Half-Wave Mercury Vapor Rectifier. Maximum plate current, 6 amps. | 2.40 |
| 864 | Triode Voltage Amplifier for use in pre-amplifiers for Condenser, Ribbon, etc. Microphones. | 1.40 | 872-A | Full Wave Mercury Vapor Rectifier. Maximum plate current, 2.5 amps. | 12.50 |
| 264-B | Triode Voltage Amplifier, similar to WE264-B used in WE P. A. System Condenser Mikes. | 1.75 | | | |

JOHNSON X-mitting Sockets



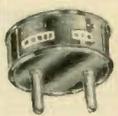
Porcelain base, polished nickel shell. Dual wiping contacts of phosphor bronze cadmium plated.

UX and 50 watt sizes. Shpg. wt. 2 lbs.

73¢
Your Cost Each

XL14160—UX Base.
XL14161—50 watt size
Your Cost Each **\$1.18**

New BLILEY Mounted Crystals



A new mounted crystal of the X-cut power type having a calibration accurate to .03%. It is a more powerful special size crystal and has less frequency drift while warming up. In addition it is sold at a price practically the same as that of the BCX crystal alone. Supplied to your specified frequency as listed below. Shpg. wt. 1 lb.

| Stock No. | Freq. Band | Within ±5Kc. | ±5Kc. | ±1 Kc. | Exact |
|----------------|------------|--------------|--------|--------|--------|
| XM13531 | 7.0-3.5 | \$3.95 | \$4.90 | \$5.90 | \$7.50 |
| XM13532 | 1.7 | 4.80 | 5.80 | 6.80 | 8.40 |

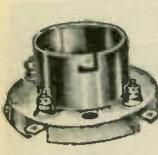
GAMMATRON



The Type 354 Gammatron is a 100 Watt triode amplifier suitable for A. F. or R. F. circuits. Air-cooled. Standard 50 W. ceramic base. Top plate contact. High vacuum. Tantalum plate and grid. Thoriated Tungsten filament. Type 354 Gammatron.

\$24.50
Your Cost

REL 50 W. Tube Socket

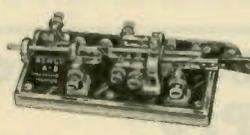


Fits all 50 watt tubes. Insulantite base, nicked metal shell. Extra rugged construction. Shpg. wt. 2 lbs.

\$1.85
Your Cost

XL14053—Your Cost

KENCO Speed Key



The greatest value ever offered in a speed key. A beautifully chrome finished key with 10 adjustments for fine keying. Three adjustments can be regulated from 5 words per minute to any desired speed. Multiplicity of adjustments makes it possible to suit the key to any particular style or "fist". Contacts are of tungsten and are individually adjustable for any pressure desired. All metal parts are highly polished chrome plated. Bakelite base is recessed into a heavy metal frame base. Metal base is not used for any circuit connections. Overall dimensions 8¾" long, 4" wide, 2¾" high. Shpg. wt. 3½ lbs.

\$8.82
Your Cost

XL14042—Your Cost

ICA Insulex Sockets



50 W. bracket type with rotatable shell. Metal parts nicked. Shpg. wt. 1 lb.

\$1.47
Your Cost

XL12632—Your Cost

UX Type



For 10's, 52's, 66's, etc. Insulex insulation. Shpg. wt. 1 lb.

39¢
Your Cost

XL12636—Your Cost

Sylvania

Xmitting Tubes

Sylvania's plant at Clifton, N. J. is fitted with the most efficient Tube making equipment, standardizing perfect tube manufacturing. The tubes listed have their latest process one piece anode of purest graphite, guaranteeing Precision, Performance and Endurance. Each tube is carefully tested before shipment and carefully packed to assure your receiving it in perfect condition. The fact that Wholesale Radio Service Company is the largest distributor of Amateur Transmitting Tubes insures prompt delivery of perfect tubes.

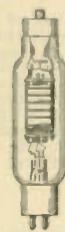
| Type | Description | Your Cost |
|-------|---|-----------|
| 210 | Oscillator and Amplifier | \$ 5.75 |
| 865 | R-F Amplifier and Oscillator | 12.75 |
| 841 | Oscillator and Voltage Amplifier | 5.75 |
| 842 | Audio F. Amplifier | 5.75 |
| 825 | High Frequency Oscillator and Amplifier | 10.00 |
| 830 | Oscillator, Amplifier, Modulator | 8.75 |
| 211 | General Purpose | 17.50 |
| 203-A | Oscillator and R-F Amplifier | 17.50 |
| 845 | Modulator and A-F Amplifier | 20.00 |
| 850 | Oscillator and R-F Amplifier | 37.50 |
| 852 | Oscillator and R-F Amplifier | 23.80 |
| 860 | Oscillator and R-F Amplifier | 35.00 |
| 204-A | R-F Amplifier and Oscillator | 97.50 |

RECTIFIERS

| | | |
|-------|---------------------|-------|
| 866 | Half-Wave Rectifier | 5.00 |
| 872-A | Half-Wave Rectifier | 18.50 |

RAYTHEON

Xmitting Tubes



A complete new line of Transmitting Tubes especially designed for amateur use. Their high efficiency permits maximum output with a minimum input. All have Insulantite bases and are ruggedly constructed. The new RK20 R-F Pentode is particularly interesting since it is the first amateur tube permitting efficient suppressor grid modulation.

| Type | Purpose | Your Cost |
|--------------|--|-----------|
| RK15 | R-F Amplifier or Class "B" Modulator | \$ 4.90 |
| RK16 | Oscillator, R-F Amplifier or Class "B" Modulator Driver | 4.90 |
| RK17 | Class "A" Amplifier, R-F Amplifier or Crystal Oscillator | 4.90 |
| RK18 | Class "A", "B" or "C" Amplifier or Triode Oscillator | 10.73 |
| RK20 | High Output Amplifier Pentode | 14.30 |
| RK19 | Full-Wave High Voltage Vacuum Rectifier | 7.35 |
| VG27 | Grid Controlled Mercury Vapor Rectifier | 4.90 |
| 866-A | Half Wave Mercury Vapor Rectifier | 4.90 |
| 872-A | Heavy Duty Half-Wave Mercury Vapor Rectifier | 16.17 |
| 864 | Low Current Tube for microphone pre-amplifiers | 1.57 |
| 841 | Voltage Amplifier, R-F Power Amplifier or Oscillator | 3.19 |
| 203-A | Oscillator or R-F Power Amplifier | 17.15 |
| RK24 | 2 V. H. F. Price on request. | |

RCA DeForest TRANSMITTING TUBES

We carry a complete line of RCA-DeForest Transmitting Tubes for Amateur and Experimental Use Only. A type for every amateur power requirement is represented in the listing below. The RCA-DeForest Amateur Radio Division of the RCA Radiotron

Company offers an engineering service to the radio amateur. Any advice concerning radio tube applications can be obtained by writing to the RCA-DeForest Amateur Radio Division at Camden, N. J., or write to us and we will forward your request.

Amateur Transmitting Types

| | |
|---|----------------|
| 203A—Used as oscillator, R.F. Power Amplifier, or Class B Modulator. 100 watts maximum plate dissipation. | \$17.50 |
| Net Price Each | |
| 211—Used as Oscillator, R.F. Power Amplifier and Modulator. 100 watts maximum plate dissipation. | \$17.50 |
| Net Price Each | |
| 800—Used as Oscillator, R.F. Power Amplifier or Class B Modulator. 30 watts max. plate dissipation. | \$10.00 |
| Net Price Each | |
| 801—Used as R.F. and A.F. Power Amplifier, Modulator or Oscillator. 20 watts maximum plate dissipation. | \$5.75 |
| Net Price Each | |
| 841—Used as Voltage Amplifier, R.F. Power Amplifier and Oscillator. 15 watts max. plate dissipation. | \$3.25 |
| Net Price Each | |
| 842—Used as A.F. Power Amplifier or Modulator. 15 watts max. plate dissipation. | \$3.25 |
| Net Price Each | |
| 843—Used as Oscillator, A.F. and R.F. Power Amplifier. 15 watts max. plate dissipation. | \$12.50 |
| Net Price Each | |
| 844—Used as A.F. and R.F. Power Amplifier, Oscillator. 15 watts max. plate dissipation. | \$18.00 |
| Net Price Each | |
| 845—Used as Modulator and A.F. Power Amplifier. 100 watts max. plate dissipation. | \$20.00 |
| Net Price Each | |
| 850—Used as R.F. Power Amplifier or Oscillator. 100 watts max. plate dissipation. | \$37.50 |
| Net Price Each | |
| 852—Used as Oscillator and R.F. Power Amplifier. 100 watts maximum plate dissipation. | \$23.80 |
| Net Price Each | |
| 860—Used as R.F. Power Amplifier or Oscillator. 100 watts maximum plate dissipation. | \$35.00 |
| Net Price Each | |
| 864—Triode Voltage Amplifier for use in pre-amplifiers for ribbon, condenser, etc., mikes. | \$1.60 |
| Net Price Each | |
| 865—Used as R.F. Power Amplifier or Oscillator. 15 watts maximum plate dissipation. | \$12.75 |
| Net Price Each | |
| 868—General Purpose and Theatre Type Photo-Tube. | \$6.00 |
| Net Price Each | |

High Power Types

| | |
|---|--|
| 204-A*—Used as Oscillator or R.F. Power Amplifier. 250 volts max. plate dissipation. | |
| 831*—Used as Oscillator or R.F. Power Amplifier. 400 volts maximum plate dissipation. | |
| 849*—Used as A.F. and R.F. Power Amplifier or Oscillator. 400 volts max. plate dissipation. | |
| 851*—Used as A.F. and R.F. Power Amplifier or Oscillator. 750 volts max. plate dissipation. | |
| 861*—Used as R.F. Power Amplifier or Oscillator. 400 volts max. plate dissipation. | |

* Prices on these types quoted upon request.

High Voltage Rectifiers

| | |
|---|----------------|
| 866—Half-wave Mercury Vapor Rectifier. 7500 volts max. Max. plate current .6 amps. | \$4.50 |
| Net Price Each | |
| 866-A—Half-wave Mercury Vapor Rectifier. 10,000 volts max. Max. plate current .6 amps. | \$5.00 |
| Net Price Each | |
| 872—Half Wave Mercury Vapor. Heavy Duty. 7500 volts max. Max. plate current 2.5 amps. | \$16.50 |
| Net Price Each | |
| 872-A—Half Wave Mercury Vapor. Heavy Duty. 10,000 volts max. Max. plate current 2.5 amps. | \$18.50 |
| Net Price Each | |
| 878—Vacuum Type for Cathode Ray Tubes. Max. voltage 20,000. Max. plate current 20 mills. | \$11.00 |
| Net Price Each | |
| 885—Gaseous Type Triode for cathode ray sweep-circuit control 300 volts max. | \$2.00 |
| Net Price Each | |

Cathode Ray Tubes

| | |
|--|----------------|
| 904—5" Electro-static-magnetic deflection, high vacuum, hot cathode, 4600 volts, 5 electrodes. | \$50.00 |
| Net Price Each | |
| 905—5" Electro-static-magnetic deflection, high vacuum, hot cathode, 2000 volts, 4 electrodes. | \$40.00 |
| Net Price Each | |
| 906—3" Electro-static-magnetic deflection, high vacuum, hot cathode, 1000 volts, 4 electrodes. | \$18.00 |
| Net Price Each | |



WHOLESALE RADIO SERVICE CO.

LEADS AGAIN!

The ONLY Mail Order House in the East to be Appointed

AUTHORIZED WHOLESALE TUBE AGENT

RCA Radio Tube Agency Plan

Dealers and servicemen, through a new plan put into effect by the RCA-Radiotron Co. on April the 3rd this year, are now enabled to increase their profits on tube sales. This new plan provides for the appointment of retail dealers and recognized servicemen as authorized RCA Tube Agents. Stocks of RCA tubes are consigned to these agents who in turn are authorized to sell to owners of receiving sets at list price only. Agents are allowed a compensation, ranging from discounts of 37 and 5% to 41 and 5%, based on yearly volume of sales. Only authorized agents may purchase RCA tubes at other than list price.

The RCA Agency Plan gives you

1. Protection against unfair trade practices.
2. Adequate stock without investment.
3. Inventory price protection.
4. No losses from dead stock.
5. Wide-spread advertising support.
6. Complete public acceptance.
7. Assured profits.

Dealers and servicemen interested in this valuable RCA Tube Franchise should apply to us immediately for application forms. Applications must be submitted to RCA for approval before appointment as agent or consignment of RCA tubes can be made. For further information please write us—Department ACR.

CONSIGNMENT EXCEPTIONS

As authorized Wholesale Agents we may sell upon approvals from RCA to certain purchasers at special discounts, RCA-Cunningham radio receiving tubes not to exceed such purchasers' own requirements. Such tubes may be purchased only for installation in radio apparatus, equipment, or devices either owned, controlled, or used by the purchaser but not for resale. The purchasers to which this authorization applies are:

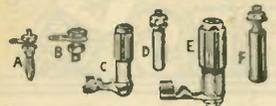
- Class 1. United States Government, including all departments and divisions, also Federal institutions.
- Class 2. State Governments and institutions.
- Class 3. County, municipal and other government and governmental institutions.
- Class 4. Educational, charitable and other public institutions.
- Class 5. MANUFACTURING, TRANSPORTATION, UTILITY, HOTEL, THEATRE, BROADCASTING, OIL AND RESEARCH COMPANIES.

Companies, institutions, or organizations whose activities are of a character similar to those shown above but not specifically included should write us for further information. Purchasing agents are invited to inquire concerning discounts allowable under above authorization—Department ACR.

We Will Not Knowingly Be Undersold

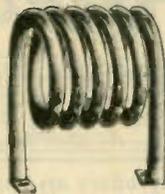
Transmitting Equipment

JOHNSON Jacks & Plugs



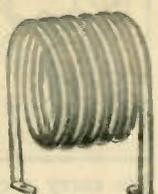
Especially designed for use in receivers and transmitters. "A" and "B" are the popular banana type. "C" is 1 1/4" high and its plug "D" is 3/4" diam. "E" is 1 1/2" high and its plug "F" 3/8" diameter.

- XL12890—Type A Plug **5c**
Your Cost
- XL12891—Type B Jack **4c**
Your Cost
- XL12892—Type C Jack **12c**
Your Cost
- XL12893—Type D Plug **3c**
Your Cost
- XL12894—Type E Jack **18c**
Your Cost
- XL12895—Type F Plug **7c**
Your Cost



SILVER PLATED X'mitting Coils

Here you are OM as pretty a coil as you've ever laid eyes upon and at a price so low that it won't pay you to try to make one like it. Silver plated not only for appearance, but for greater efficiency as well. All have drilled and flattened ends so that they can readily be mounted to standoff insulators or to plugs for insertion into jacks. The type numbers given below indicate the diameter and the number of turns i.e.—AG24 has a diameter of 2" and has 4 turns—AG523 has a diameter of 5" and has 23 turns, etc. Average shgp. wt. 2 lbs.



- FOR 14 MC X'MISSION**
- Type AG24—Use with 250 Mmf. condenser in self-excited oscillator. **95c**
Your Cost
 - Type AG26—Antenna coil. **1.00**
Your Cost
 - Type AG27—Use with 200 Mmf. condenser in neutralized P.P. Amp. **1.10**
Your Cost
- FOR 7 MC X'MISSION**
- Type AG26—Use with 500 Mmf. condenser in self-excited oscillator. Also used as Antenna coil, push-pull circuits requiring two. **1.00**
Your Cost

- FOR 7 MC X'MISSION**
- Type AG29—Used with 250 Mmf. condenser in neutralized amplifier. **1.40**
Your Cost
 - Type AG312—Used with 100 Mmf. condenser in neutralized or P.P. amplifiers. **1.98**
Your Cost
- FOR 3.5 MC X'MISSION**
- Type AG310—Used with 500 Mmf. condenser in self-excited oscillator. Also used as Antenna coil. **1.49**
Your Cost
 - Type AG36—Antenna Coil. **1.40**
Your Cost

- FOR 3.5 MC X'MISSION**
- Type AG317—Used with 250 Mmf. condenser in neutralized amplifiers. **2.65**
Your Cost
- FOR 1.75 MC X'MISSION**
- Type AG420—Used with 500 Mmf. condenser in self-excited oscillators. **3.95**
Your Cost
 - Type AG410—Antenna coil. **2.25**
Your Cost
 - Type AG523—Used with 250 Mmf. condenser in neutralized amplifier. **4.75**
Your Cost
 - Type AG58—Antenna coil. **2.10**
Your Cost



Shell Only
No fittings. For those who wish to provide their own rods and fittings. Shipping weight 4 lbs.

- XR16815—4 3/8 x 6 1/4" **68c**
Your Cost
- XR16816—4 3/8 x 6 1/4"

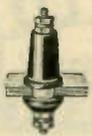


Pyrex Standoff Insulators
These high-grade Insulators are the last word in stand-off type units. Are absolutely non-hygroscopic. Unaffected by temperature changes. Oval base size 3 1/4 x 1 3/8". Diameter of glass 1 1/4". Have flash-over value when dry of 21.5 and 56 KV, respectively. Shipping weight 2 lbs.

- XR16808—3" high overall. **1.54**
Your Cost
- XR16809—7" high overall. Shipping weight 3 lbs. **1.72**
Your Cost

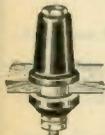
BIRNBACH Feed Thru Standoff Insulators

Intended for sub-panel mounting. Constructed of high grade glazed porcelain. Ideal for mounting R. F. leads, resistors, high voltage lines, R. F. Chokes, etc.



- XR17093—3/4" high and 1/2" in dia. Solid nickel-plated brass hardware using 6-32 screws and nuts. **8c**
Your Cost
- XR17094—Similar to the above, but measuring 3/4" high and 3/4" in dia. Uses 10-32 screws and nuts. **12c**
Your Cost

Jack Type



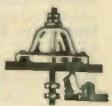
Identical in appearance with the above units, except that they have a jack top in place of the screw terminals. Jack made to take a standard plug 3/8" high and 3/4" in dia. Uses 10-32 hardware.

- XR17092—Your Cost Each **15c**

Antenna Insulators

Airplane Type

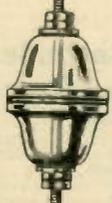
Complete with brass rod and fittings. Mounts to flat surface by means of screws extending through outer flange. Diameter 3 1/2". Length 4". Shgp. wt. 2 lbs.



- XR16810—List \$4.00. **2.40**
Your Cost Each

Amateur Type

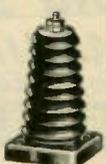
Diameter 2 1/2". Supplied with brass rod, 4 brass jam nuts, 2 brass washers, 2 rubber washers and 2 rubber gaskets. Shipping weight 3 lbs.



- XR16813—15" rod. List \$2.20. **1.47**
Your Cost
- XR16814—20" rod. **1.56**
Your Cost

Stand-Off Insulators

Corrugated porcelain well glazed. Suitable for use as mountings for transmitter output terminals, switch gear, wiring, etc. 2 sizes both with 1/4"-20 brass stud. Shgp. wt. 12 oz.



- XR16811—5 1/4" high, 2 1/4" square base. **32c**
Your Cost
- XR16812—3 3/8" high, 1 1/8" square base. **21c**
Your Cost

Jack Type Stand-Off Insulator

This useful insulator is provided with a jack top to take a standard plug. Connections are made to a soldering lug on top of stand-off. Measures 1 1/2 x 1".



- Base mounting holes 1 1/8" between plated brass. **9c**
Your Cost Each

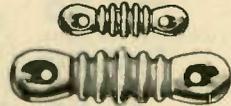
Antenna Feeder Spreaders



Bakelite. 3/4 x 1/4" thick. "I" bolt and recessed washer holds No. 12 or 14 wire. Permanent grip. Ideal for Zeppelin Antenna.

- XR16817—Spaces 5" apart. **15c**
Your Cost
- XR16818—Spaces 7". **15c**
Your Cost

Pyrex Antenna Insulators



Strong and neat; a size for every amateur purpose.

- | Stock No. | Length Overall | Power Rating | Your Cost |
|-----------|----------------|---------------|-----------|
| XR16805 | 3 1/4" | 50.17 | |
| XR16806 | 7 1/4" | 250 Watts .68 | |
| XR16807 | 12 1/4" | 1 1/2 KW 2.06 | |

Stand-Off Insulators

Made of porcelain; extra heavy to stand great strain. Ribbed body provides additional surface to prevent leakage. Length 4".



- XR16800—Net Each. **7c**
Lots of 10.... 65c

Wall Insulator

For supporting wiring on instruments or may be used for supporting lead-in or ground wires. Glazed porcelain 2 1/4" high. Shgp. wt. 8 oz.



- XR16735—50 for \$3.45. **8c**
Your Cost Each

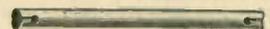
Screw-in Stand-Off

Strong porcelain insulator with wood screw base. Ht. 2 1/4". Shgp. wt. 8 oz.



- XR16801—Your Cost Ea. **10c**
50 for..... \$3.95

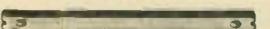
Antenna Insulator



The finest aerial insulator made. Very efficient for use with high power transmitters. Made of Wet Process Porcelain coated with a smooth glaze to prevent the collection of dirt. All sizes are 1" in diameter and will withstand a strain of 1500 lbs. Shgp. wt. 8 oz.

- XR16827—7" long. **36c**
Your Cost Each
- XR16828—12" long. **44c**
Your Cost Each
- XR16829—20" long. **67c**
Your Cost Each

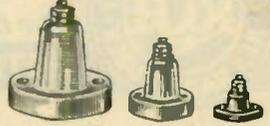
Feeder Spreader



Made of wet process porcelain which is much denser and is far less moisture absorbent than the ordinary dry process type. 6" long with grooves and holes for lead wires. Shgp. wt. 1 lb.

- XR16819—List 25c. **17c**
Your Cost Each

JOHNSON Stand-Off Insulators



An excellent stand-off insulator useful in many ways. Three sizes provide a type for any purpose imaginable, lead-in, wiring, or as supports for condensers, tank coils, etc.

- XR16745—No. 20. 2" high with 10-32 nickel plated brass hardware. **9c**
Your Cost Each
- In Lots of 10..... 80c
- XR16746—No. 22. 1 3/4" high, with 8-32 nickel plated brass hardware. **6c**
Your Cost Each
- In Lots of 10..... 55c
- XR16747—No. 24. 1 3/4" high, with 6-32 nickel plated brass hardware. **5c**
Your Cost Each
- In Lots of 10..... 45c

Buy PUBLIC ADDRESS

ON THE BASIS OF *Performance* ONLY

Here's
PROOF
that
Lafayette
EXCELS

THE proof of the pudding is in the eating. With Public Address—the Proof is in the Performance! Performance past and present; Performance before and after installation!

Here at Wholesale Radio Service Company we are Exclusive Worldwide Distributors for the famous Lafayette P. A. Equipment. Famous because it has withstood every test by some of the world's greatest users of P. A. Equipment. Famous because it gives you the best dollar for dollar value in P. A. Equipment... whether it be a low priced 3½ watt amplifier or the most complete and versatile rack and panel amplifier system.

To prove this we had a recognized and unbiased Testing Laboratory compare the relative merits of a Lafayette Amplifier with that of the nearest competitor **selling at the same price**. Compare the specifications in the table at the right and see for yourself why Lafayette Leads in Performance!

But we do not ask you to buy on the basis of these tests alone. Visit if possible, our permanent displays in New York, Newark or Atlanta. Listen to the performance of your system before you buy, through the medium of our scientifically designed hookup which enabled you to compare the relative merit of any Lafayette Amplifier with any make of speaker or combination of speakers. This is exclusively a Lafayette Service!

LAFAYETTE EQUIPMENT IS USED THE WORLD OVER

SOME of the foremost users of Public Address equipment come to us for aid in solving their particular problems and with good reason. Lafayette Engineers are authorities in this field and were the originators of the low priced High Fidelity P.A. Amplifier which are now in general use by leading companies everywhere. These companies come to us because they realize that Lafayette does not build Public Address down to a price. They know that, although it is possible to manufacture equipment for less money, such equipment could never equal the high standards of quality or pass the rigid tests set by our Bureau of Standards. They know from experience that Lafayette prices are the lowest possible, consistent with the high quality of the equipment we manufacture. You may be sure that—"when good amplifiers can be built cheaper—Lafayette will build them."

Surely, the confidence of these companies in Lafayette must rest upon Performance... the one basis on which we ask you to buy when selecting Public Address Equipment.

● Here are the indisputable facts as given us by an unbiased testing laboratory on the Lafayette P15787 single 2B6 Amplifier and its nearest equivalent.

| SPECIFICATIONS | LAFAYETTE | NEAREST COMPETITOR |
|---|-------------------------------|-----------------------------|
| Dimensions (overall not including tubes) | 9" x 4¼" x 7¼" | 9" x 3½" x 6" |
| Weight | 8½ lbs. | 4½ lbs. |
| Dimensions Power Transformer | 3½", 3¾", core stack 1¼" | 2½, 2 15/16", core stack ¾" |
| Tubes Shielded | 57 pentode | NONE |
| Filter Choke | 20 hy. 300 ohm 1½" x 2½" core | NONE |
| Output Cathode Bypass | 25 mfd 60 volt can type | 5 mfd 35 volt cardboard |
| Frequency Response for + or - 1 DB | 40-6500 cycles | 62-1300 cycles |
| Overall Variation 60-10,000 cycles | -3DB (10,000 cycles) | *-25DB (10,000 cycles) |
| Harmonic Content at 5 Watts 40-8000 cycles | 5% to 6% | 7% to 12% |
| Rated Power Output (Catalog) | 5 watts max. | 6 watts max. |
| Peak Power Output or Overload Characteristic | 9 watts max. | 5 watts max. |
| Power Supply Regulation | 75 percent | 69 percent |
| Transformer Temperature Rise Average of Windings | 125.6 Fahrenheit | 174.2 Fahrenheit |
| Deviation of Output Tube Plate Voltage from Manufacturer's Maximum Rating | 1/3 percent | 25 percent |

*This Amplifier was rated as being essentially flat to 16,000 cycles.

THIS GREAT BOOK ON SOUND IS ANOTHER PROOF OF LAFAYETTE LEADERSHIP!

HERE is a great book on SOUND, which has been written by Lafayette Engineers. Mr. Glenn E. West, Asst. Prof. of Electrical Engineering at Purdue University, says of it: "We have just received 'SOUND, Its Fundamentals and Methods of Application.' This book is the best treatise on sound and the principles underlying public address systems that we have ever seen."

Surely, a book of this kind, complete to its most minute details and covering a complex subject in simple language anyone can understand, could only be written by engineers who know intimately the Public Address Field. It will prove to be a Sales Manual and Business Builder for the Serviceman.

Get a few copies of this profusely illustrated book which gives LIST PRICES throughout. Place them in the hands of prospective purchasers. Let them read it, and they will sell themselves on the advantages of Public Address. Your price is only 25c which only partially covers the cost of printing.



**You Can Buy With Confidence from
The Largest Radio Mail Order House in the World!**

Two Famous *Lafayette* MIDGET AMPLIFIERS

3.5 WATT
\$9.75

✓ Pentode Tubes
✓ Field Supply

Many hundreds of these amplifiers have proven their worth in all parts of the world. In various climates, from the temperate to the hot humid air of the tropics, they have given unflinching service day in and day out. Its compactness plus the high efficiency of the circuit used and its low price have made this amplifier one of our most popular models. The circuit is as follows: a 57-pentode in resistance-capacity coupled to a 2A5, a combination providing a gain of 80.2 db., with an output of 3½ watts. An 83-tube is used as the rectifier.

Speaker Field Supply

Of particular advantage is the fact that this amplifier may be obtained with a 2500-ohm field supply at no extra cost. This makes it possible to use a D. C. speaker instead of the more expensive A. C. type.

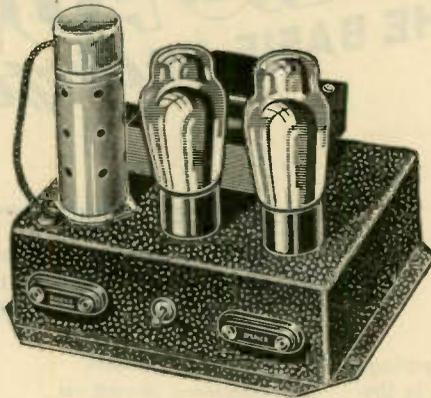
Finest Quality Components

Despite its low price, only the finest quality components are used throughout. All are of generous oversize proportions and carry the usual Lafayette guarantee. This amplifier, like all Lafayette amplifiers, is designed for continuous operation. Every care has been taken to assure long life, for instance—all Lafayette amplifier chassis are finished in crystallized black lacquer INSIDE as well as outside. Dimensions are 9¼" wide, 7½" deep and 7¼" high. Amplifier is regularly supplied without output transformer and when ordering specify whether or not desired for field excitation.

XP15790—Lafayette Two-Stage Amplifier, completely assembled and wired. Less tubes and speakers. Dimensions: 9¼" wide, 7½" deep, 7¼" high. Shpg. wt. 15 lbs. **\$9.75**

XP15791—Complete Amplifier with tubes consisting of 1-57, 1-2A5, 1-83. List \$23.00. **Your Cost \$11.50**

XW19288—Special Matched 8" Lafayette Speaker. Shpg. wt. 5 lbs. **Your Cost \$3.95**



5 WATT
\$9.75

✓ New 2B6 Tube
✓ 72 db. Gain

Now for the first time it is possible to obtain an amplifier with a conservative rating of FIVE WATTS in so small a size. In fact, this amplifier uses a chassis identical in size with that of the single 2A5 amplifier listed here. The tremendous output of this compact little unit is due to the use of the newly developed 2B6 tube. Lafayette amplifiers were the first to use this tube and the circuit used is an exclusive Lafayette development.

For recording purposes no finer amplifier could be desired, due to its excellent frequency response. At 60 c. p. s. it is down 2 db., at 1000 c. p. s. it is up 1 db., and at 10,000 c. p. s. it is down only 1 db. below the average gain of 72 db. The power output of the amplifier is 5 watts which is more than sufficient for recording (since only 1 watt is required for recording on aluminum and but slightly more on celluloid) and is ample for reproduction. The gain of 72 db. permits the use of a carbon microphone without pre-amplification, provided the microphone is spoken into directly. Input to the amplifier is of the high impedance type (500,000 ohms) and a high impedance pick-up may be connected directly to the amplifier without a matching transformer.

Finest Construction

In building this amplifier only components of the highest quality are used so that failure due to breaking down of any part is practically unknown. All components are considerably oversize and are capable of carrying considerably greater loads than will ever be placed upon them. Chassis is of heavy gauge steel with spot welded corners and is black crystallized lacquer finished both inside and out. This is a standard Lafayette practice and assures long life under even the most humid conditions.

XP15787—Lafayette 2B6 Amplifier completely wired and assembled. Size 9¼" wide, 7½" deep, 7¼" high. Shpg. wt. 17 lbs. List \$19.50. **Your Cost \$9.75**

XP15924—Same as above but will supply field current for fields from 2000 to 4000 ohms. Max. 10 watts. **Your Cost \$12.95**

Kit of matched tubes, 1-57, 1-2B6, 1-83. **Your Cost \$2.40**

IMPROVED PUSH-PULL 3-STAGE AMPLIFIER

"High-Gain" Plus a 10-Watt Output
for only **\$19.50**

by *Lafayette*

By the use of a new and exclusive Lafayette circuit refinement the output of this extremely versatile amplifier has been stepped up fully 25%! Now, more than ever before, is this the greatest value ever offered in a modern, standard, amplifier.

THREE-STAGE CIRCUIT

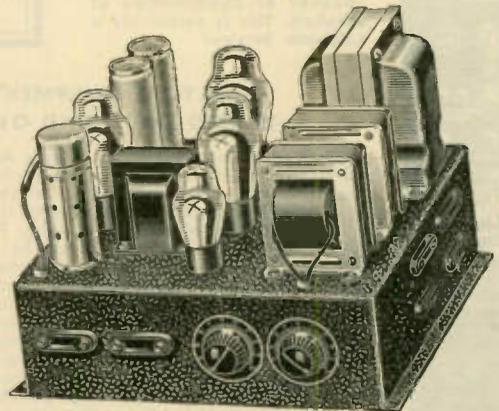
Three stages, having the exceptionally high gain of 100.2 db., are used as follows: a type 57-pentode tube in resistance-capacity coupled to a type 56-triode which is, in turn, transformer coupled to a pair of 2A5 pentodes in push-pull. An average output of 10 watts with a peak output of 14 watts is obtained! Overall amplification is so great that input connections are provided for the second stage. Input devices having high outputs, such as magnetic phono-pick-ups, are to be connected to the second stage. If connected to the first stage the output tubes will actually overload.

TONE AND GAIN CONTROLS

A gain, or volume, control is provided for the first stage and a tone control, effective on either input, is also incorporated. A tone control is unusual in an amplifier of this type, and at this price, but, since a little tone correction is desirable in many installations to overcome peculiar acoustical conditions, it has been included. In short nothing has been overlooked that would contribute to a finer and better product.

QUALITY CONSTRUCTION THROUGHOUT

Both workmanship and the quality of the components used are of the finest. All components being considerably oversize so as to withstand far greater loads than they will ever be called upon to carry. Two models are available—with and without output transformer. When furnished with output transformer the output impedances are as follows—2, 4, 8, and 15 ohms for speaker voice coils and 250-500 ohms for line. Without the output transformer, impedance is 10,000 ohms from plate to plate.



XP15939—Lafayette Three-Stage Amplifier, completely assembled and wired. Less tubes, loud speaker and output transformer. Dimensions 12" square, 9¼" high. Shpg. wt. 30 lbs. List \$39.00. **Your Cost \$19.50**

XP15941—Same as above, but with output transformer, less tubes Shpg. wt. 33 lbs. List \$46.50. **Your Cost \$23.25**

Kit of matched tubes, consisting of 1-57, 1-56, 2-2A5's, 1-5Z3. **Your Cost \$2.82**

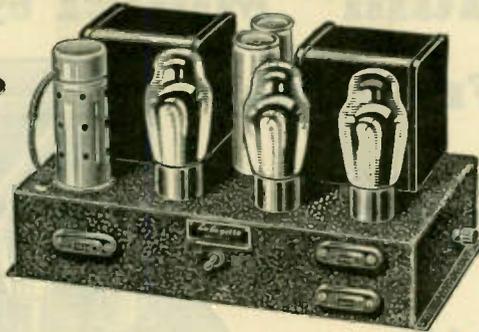
15 Watt Push-Pull 2A3 Amplifier

by

Lafayette

**"De Luxe"
Model**

★ **Direct Coupled**



**Field Supply
for 2 to 4
Speakers**

★ **Compact Size**

This new model Lafayette Push-Pull 2A3 Amplifier is the ideal unit to use wherever moderate power with outstandingly fine tone quality is desired. Its power output is such as to particularly fit it for use in the average medium sized dance hall, theater or other gathering place. It is for these reasons the most popular unit of this popular line, and it adequately fulfills the demand for an amplifying unit that can be depended upon for satisfactory day-after-day performance in installations of this character.

THE CIRCUIT

The circuit used is of the direct coupled type, which is superior in both gain and frequency response, but which is rarely used in amplifiers at any where near this price, because it is more expensive to build due to the high voltage required. It is only because a ready consumer acceptance makes possible quantity production that we are able to offer an amplifier of this type at this price. A 57 pentode is direct coupled to a pair of 2A3 triodes in push pull. A 5Z3 high vacuum tube is used as rectifier. An exceptionally high gain of 80 db. with an output of 15 watts (18 watts peak) is obtained. This gain in the majority of cases eliminates the need for pre-amplification when a carbon microphone is used.

TONE QUALITY

The frequency response of the amplifier is particularly good due to the unique method of neutralization employed. The maximum variation, from the average level of 80 db. being only one db. plus or minus from 40 to 10,000 cycles. It is impossible, due to the limitation of space, to illustrate the actual curve obtained, however, this curve is shown in our "Sound Manual."

Field supply for four 1500 ohm or two 3000 ohms fields (7 watts each) can be obtained from the amplifier, thus eliminating the need for separate field exciters and thereby considerably reducing the cost of the complete installation.

INPUT AND OUTPUT IMPEDANCES

Input impedance of the amplifier is 500,000 ohms and permits the direct connection of high impedance phono-pickups without the use of matching transformers.

Two models are available—one with, and the other without, output transformers. Output impedances with the transformer are 2, 4, 8 and 15 ohms for speaker voice coils. Also 250 and 500 ohms for line transmission application. When supplied without the transformer the output impedance of the amplifier is that of the plate loads required by the tubes—5000 ohms.

CONSTRUCTION

All components used in the construction of the amplifier are considerably oversize and will safely carry far greater loads than will ever be placed upon them. The chassis is of steel and is finished in black crystalline lacquer, both inside and out, for protection against rust. Amplifier dimensions are 12" wide, 7" deep and 7 1/4" high. Shpg. wt. 30 lbs.

XP15940—Lafayette P.P. 2A3 Amplifier \$26.50
less tubes and output transformer.

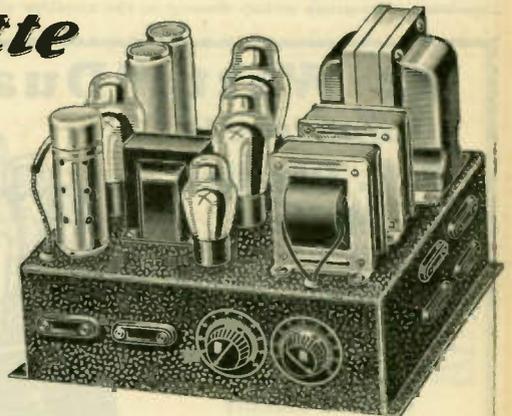
List 553.00. **Your Cost**
XP15952—P.P. 2A3 Amplifier with output transformer, less tubes.
Your Cost \$29.95
Kit of Matched Tubes. Your Cost \$3.00

15 Watt "Three Stage" Amplifier

"High Gain" 2B6 Model by Lafayette

★ **Uses the NEW 2B6 Dual-Triode Tubes**

★ **Both Gain and Volume Controls**



The excellent performance of this high gain amplifier, and its exceptionally fine dollar value, might easily lead us into using a string of superlatives in describing it. Instead, however, we will let the specifications given below give you the true picture of how well it performs. The price, of course, speaks for itself.

THE CIRCUIT

The circuit is simple and foolproof. A type 57 pentode is resistance-capacity coupled to a type 56 triode which is transformer coupled to a pair of 2B6 dual-triodes in push pull. A 5Z3 tube is used as rectifier. The 2B6 dual-triode is a newly developed tube having a greater gain than former triodes yet retaining all the tone quality (frequency response) advantages of these tubes. Lafayette engineers were the first to develop an amplifier using this tube. Continued research work has made possible many new improvements and developments in the use of this tube. These new features have been incorporated in this amplifier and are responsible for the excellent results obtained. These features are exclusively Lafayette and are not obtainable in other amplifiers.

HIGH GAIN

An exceptionally high average gain of 92 db. has been obtained thus making possible the use of a carbon microphone without preamplification under average conditions. This high gain is also of advantage in many industrial amplifier applications.

FREQUENCY RESPONSE

Tone quality or frequency response is exceptionally good, the maximum variation being only 4 db. between 60 and 10,000 cycles. A tone control is provided so that the tone may be varied to suit individual preferences or to compensate for acoustical peculiarities of the room or of the input device.

A gain or volume control is also provided so that the output of the amplifier can be adjusted to the degree of volume desired.

INPUT AND OUTPUT IMPEDANCES

Two inputs to the amplifier are provided so that either three or two stages may be used. Both are of the high impedance type—500,000 ohms. The amplifier may be obtained either with or without an output transformer. When supplied with the transformer the following impedances are available at the terminals—2, 4, 8 and 15 ohms for voice coils also 250 and 500 ohms for lines.

LOW HUM LEVEL

Due to the use of heater type tubes throughout the hum level has been kept exceptionally low being actually 62 db. below maximum output. The filter system is especially efficient using large filter condensers and heavy oversize chokes in a combination brute force and tuned choke circuit. Chassis dimensions are 12" square, 9 1/2" high. Shipping weight 30 lbs.

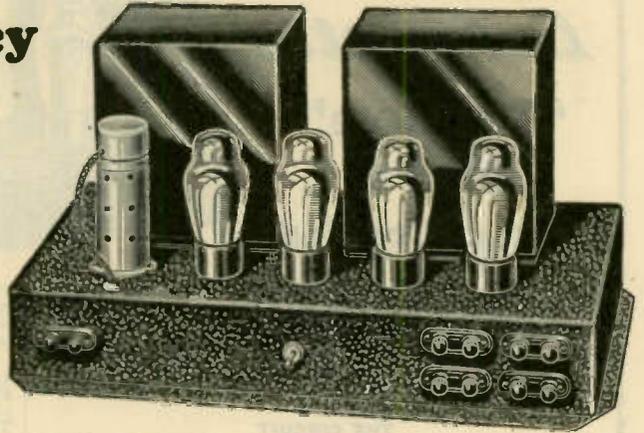
XP15937—Lafayette "High-Gain" P.P. 2B6 Amplifier, less output transformer and tubes. \$22.45
List 544.90. **Your Cost**

XP15938—Lafayette "High-Gain" P.P. 2B6 Amplifier with output transformer but less tubes. List 552.50.
Your Cost \$26.25
Kit of Matched Tubes. Your Cost \$4.50

We Will Not Knowingly Be Undersold

28 WATT CLASS "B" AMPLIFIER "Auditorium" Model by Lafayette

- ✓ Excellent Frequency Response
- ✓ Direct Coupled Driver
- ✓ Full 28 Watts Output (Peak 32 Watts)



Installations in Auditoriums, Theaters, Dance Halls, Lodge Rooms, etc., demand an amplifier that combines great power with excellent tone quality. This direct coupled class "B" amplifier has been especially designed for such installations. It has Power—conservatively rated at 28 watts. It has Tone Quality—a maximum variation of less than four db. between 60 and 10,000 cycles. And in addition it is economical to operate, the average drain from the supply line being 85 watts at 115 volts. Its power output is great enough for use in large auditoriums and dance halls and it will operate as many as 12 speakers to a plus 20 db. level. In fact, for all except the largest outdoor stadium locations, no finer amplifier could be desired.

THE CIRCUIT

The circuit employed uses a 57-pentode tube directly coupled to a 69-driver tube driving a pair of 59 tubes in class "B". An 83 mercury vapor tube is used as rectifier. An average gain of 83 db. is obtained making it possible to use a microphone without pre-amplification in many instances. This gain is due to a great extent to the use of the direct coupled stage ahead of the driver. The direct coupled stage also accounts for the excellent high frequency response of the amplifier.

OUTPUT TRANSFORMER

The amplifier is furnished complete with an output transformer having the following output impedances: 2, 4, 8 and 15 ohms for speaker voice coils, also 500-ohm and 250-ohm line output impedances. Input impedance to the amplifier is 500,000 ohms. This permits connecting a high impedance phonograph pickup directly to the amplifier without using

a matching transformer.

HUM LEVEL

Hum level has been kept extremely low being 73.9 db. below maximum output. This has been accomplished through the careful filtering of the plate supply to all tubes. Special low resistance filter chokes are used to assure excellent regulation and the filter condensers are of the high voltage type assuring long and satisfactory life. Both the power transformer and the choke assembly are designed to handle considerably more than the normal current to which they are subjected under full load. These husky units measure 6½ by 6 by 5 inches each.

RUGGED CONSTRUCTION

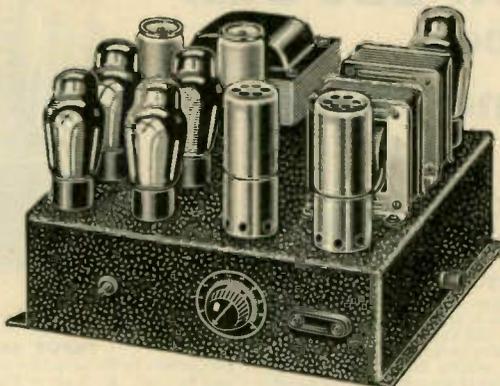
Construction is extremely rugged throughout. The chassis is formed of pressed steel with spot welded corners and is heavily crystalline lacquered both inside and out for protection against rust. All components entering into the construction of the amplifier such as resistors, condensers, etc., are carefully checked and tested both before and after they are built into the amplifier. The completed amplifier is then tested under actual operating conditions.

XP15760—Lafayette Class "B" Amplifier, completely assembled and wired. For 100-130 volts, 50-60 cycles A. C. less tubes and loud speakers. Dimensions: 11½" deep, 20" long, 10" high. Shpg. wt. 61 lbs. List Price \$79.00.

Your Cost **\$39.50**
XP15757—Complete amplifier with matched tubes, consisting of 1-57, 3-59s, 1-83. **Your Cost** \$43.25

22 Watt "Dual-Triode" Amplifier by Lafayette P. P. Parallel Model

High Power
at
Low Cost



Incorporating such advanced features as "Phase Inversion" and "Push-Pull-Parallel Output Stage" this Amplifier is truly modern in design. Its output has been very conservatively rated at 22 watts and it is therefore suitable for use in Auditoriums, Dance Halls and similar locations where a fairly large output is required.

UNUSUAL CIRCUIT

The unusual circuit, as used in this amplifier, is as follows: a type 53 duo-triode is used as a phase inverter which is coupled to another 53 duo-triode as a stage of push-pull amplification. This is, in turn, coupled to four 2B6 dual-triodes in a push-pull-parallel output stage. Plate current is furnished by an 83 mercury vapor rectifier tube.

WIDE RANGE REPRODUCTION

All stages are resistance-capacity coupled, thus doing away with the inherent difficulties of transformer coupling such as limited frequency response, hum pick-up, etc. Frequency response is exceptionally fine, varying only plus or minus ½ db. between 60 and 10,000 cycles per second! The use of four output tubes in a push-pull-parallel circuit makes possible the exceptionally high output of 22 watts with a peak output of 30 watts! The output tubes are of the new dual-triode type (2B6) and are actually two direct coupled stages of amplification within each tube. The use of these tubes is one of the reasons for the excellent frequency response obtained.

Input impedance to the amplifier is 500,000 ohms and permits the direct connection of a high impedance phonograph pickup thus eliminating the need for a matching transformer. Microphones and low impedance pickups must be used with suitable matching transformers.

OUTPUT IMPEDANCES

The amplifier is supplied less the output transformer and the output impedance is therefore that of the load required by the tubes—5,000 ohms plate to plate. An output transformer having this impedance and the following secondary impedances is available; 500 and 250 ohms for lines, 2, 4, 8 and 15 ohms for voice coils of

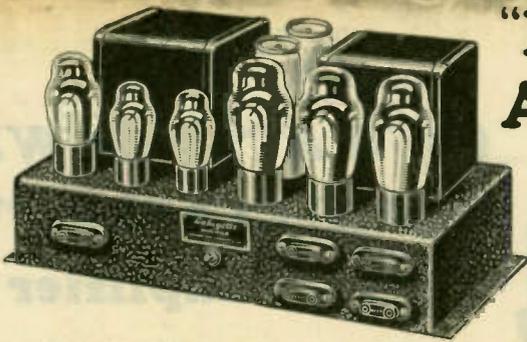
dynamic speakers.

RUGGED CONSTRUCTION

Like all Lafayette amplifiers the construction throughout is exceptionally rugged. The chassis is of formed steel with spot welded corners and is heavily lacquered, both inside and out, in an attractive black crystalline finish. Dimensions, 12" square, 9½" high. Shpg. wt. 35 lbs.

XP15936—Lafayette Push-Pull-Parallel 2B6 Amplifier less tubes and output transformer. List \$54.00.

Your Cost **\$27.50**
XA406—Output Transformer as described above. Shpg. wt. 5 lbs. **Your Cost** \$5.25
Kit of Matched Tubes. **Your Cost** \$7.95



"HIGH-FIDELITY" AMPLIFIER by Lafayette

**Flat from 20 to 17,000 C. P. S.
Entirely New Circuit
High Gain - 78 db.
15 Watts Output**

The trend toward "higher fidelity", or more faithful frequency response, in Public Address Systems has become increasingly greater from day to day. With the advent of ribbon or velocity microphones, high frequency speakers, wide range recording, etc., it has been definitely proven that the amplifier must be capable of reproducing all the frequencies in the audible spectrum faithfully without stressing any particular frequency.

The new Lafayette "High-Fidelity" Amplifier will amplify all frequencies from 20 to 17,000 c.p.s. with **equal intensity!** No particular frequency is amplified to any greater degree than any other within the range of the amplifier. Space limitations prohibit the illustration of the response curve obtained (this curve is, however, shown in the Lafayette Sound Book) but it is actually a **straight line from 20 to 17,000 c.p.s.**

CIRCUIT

Six tubes in all are used in the specially designed circuit consisting of a 53 "phase inverter" tube, a pair of 56 tubes in push-pull, a pair of 2B6 duo-triodes in push-pull and a type 83 mercury vapor rectifier. It will be noted that all stages are push-pull yet no coupling transformer is used! The gain of the circuit is actually 78 db. thus permitting the use of a carbon microphone under ordinary conditions without pre-amplification. And the power output of 15 Watts (peak 20 Watts) makes this amplifier particularly suitable for the greater majority of installations. Input impedance to the amplifier is the standard high impedance type as used in all Lafayette amplifiers—500,000 ohms—so that high impedance pick-ups, etc., may be connected directly without matching transformers.

CHOICE OF OUTPUT TRANSFORMERS

It is advisable, of course, to use the best output transformer available. No transformer is supplied with the amplifier but the following are recommended:

Type No. 1 has a frequency response that is down app.—1.5 db. at 20 cycles; plus 1 db. at 1,000 cycles and down only—2 db. at 17,000 cycles p.s. Type No. 2 is down 3 db. at c.p.s.; plus 1 db. at 1,000 c.p.s. and down 4 db. at 12,000 c.p.s.

XP15753—High Fidelity A. C. Amplifier less tubes and less output transformer. Size 16" wide, 7" deep, 8" high. Shpg. wt. 40 lbs. List \$79.00

Your Cost \$39.50

Kit of Matched Tubes \$4.80

XP15930—Type No. 1 Output Transformer. Your Cost 12.50

XP15931—Type No. 2 Output Transformer. Your Cost 4.50

Both transformers to 2, 4, 8, 15 ohm voice coil—500 ohm line. A Lafayette D. C. "High-Fidelity" Amplifier is also available as quoted below. For specifications refer to the "Sound Book."

XP15754—Lafayette "High-Fidelity" D. C. Amplifier, less tubes and output transformer. Size 16" wide, 7" deep, 8" high. Shpg. wt. 40 lbs. List \$55.00

Your Cost \$27.50

Kit of Matched Tubes \$7.59

XP15932—Type No. 1 Output Transformer. Your Cost 14.95

XP15933—Type No. 2 Output Transformer. Your Cost 4.75

Both transformers to 2, 4, 8 and 15 ohm voice coil—500 ohm line.

SIX VOLT P. A. SYSTEM by Lafayette

15 Watts

A Complete P. A. System for Operation from a Storage Battery

Here is a system that, at an exceptionally low cost, makes it possible for you to turn any truck, or passenger car, into a sound truck that can be profitably rented out by the day, or week, to political clubs, theatres, merchants, etc. The system is so compact that it will not decrease the seating capacity of any car—even a coupe.

COMPLETE SYSTEM

Included in the system are two large Lafayette Trumpets with Cone Units—a Two Button Microphone complete with a desk stand and 25 feet of mike cable—a Senior Mike Input Stage—and the Lafayette 6 Volt 15 Watt Amplifier. The output of 15 watts is great enough to make this system suitable for practically any purpose.

SIMPLE INSTALLATION

Installation is extremely simple. The speakers are mounted on the roof of the car—one facing the front and the other facing the rear. The amplifier may be placed in any convenient location with the Mike Input Stage within a short distance from it—connecting the two with the shielded lead supplied for that purpose. Only two leads are connected to the battery—all other leads—field, voice coil and input stage going to the amplifier. The complete system can be installed within an hour easily.

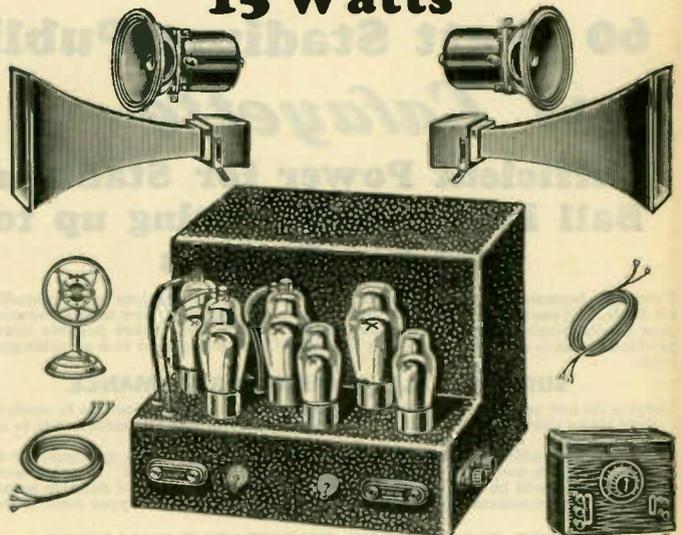
WILL OPERATE 8 SPEAKERS

The output of this system permits the addition of up to 6 speakers (8 in all), where greater coverage is desired, without loss in volume or tone quality. A separate battery for the excitation of these additional fields is necessary.

RUGGED CONSTRUCTION

All components are rugged in construction so as to withstand the vibration and abuse that sound truck systems are subjected to. The amplifier has been finished, both inside and out, in an attractive black crystallized lacquer that protects it from rusting due to dampness. Chassis is of pressed steel with spot welded corners. Heavy rubber covered leads connect amplifier to battery. The trumpets are weatherproof, and strongly made, yet light in weight. Shipping weight of the complete system is 125 lbs.

Many sound trucks include a turntable and pick-up for the reproduction of recorded entertainment. This is used to attract the attention of passersby to printed advertising attached to the side of the truck or to entertain them until the speaker is ready to speak. In some cases a record is made of a sales talk, etc., and that is used instead of a speaker or lecturer. For this purpose we have available a special six volt operated phono-motor and turntable and a highly efficient pick-up, which may be



mounted in any position desired in the truck—preferably in such a manner that the vibration of the truck while running will not be transmitted to it.

XP15946—Lafayette "Sound Truck" Public Address System for battery operation complete with 2 Trumpets, 2 Cone Units, Input Stage, etc., as listed above. List \$199.00

Your Cost (less tubes) \$97.50

XA345—Special Lafayette Six Volt Phono-Motor and phono-pick-up for use in sound trucks, including 12" turntable. Dual speed. Shpg. wt. 20 lbs.

Your Cost \$20.95

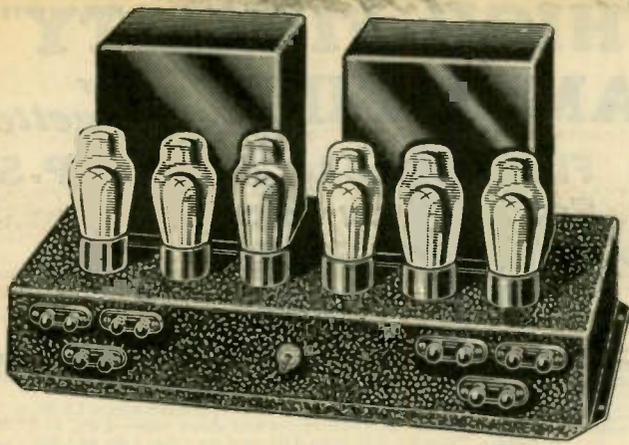
The Lafayette 6 volt Amplifier is also available separately as quoted below. See "Sound Book" for detailed specifications.

XP15764—Lafayette 6 volt Amplifier less tubes but complete with self-contained "B" supply. Size 10 1/4" wide, 8 3/4" deep and 7 3/4" high. Shpg. wt. 30 lbs. List \$85.00

Your Cost \$34.50

Complete Kit matched tubes, 3-79, 1-42, 2-37. **Your Cost \$3.67**

Replacement Part Headquarters for Dealers and Service Men



NEW

60 WATT [80 W. PEAK] CLASS "B" Power Amplifier

by Lafayette

Increase the output of your present equipment with this latest LAFAYETTE achievement!

Now you can increase the output of your Public Address system by adding to your present equipment this new **POWER AMPLIFIER** with the extraordinary output of 60 WATTS (80 watt peak) which is sufficient for use in outdoor installations with a capacity of 50,000 people. This extraordinary Amplifier is an exclusive Lafayette development and is far ahead of anything that has ever been designed for this purpose.

TECHNICAL DATA:

INPUT—A special input transformer is supplied so that the amplifier may be driven either from a push-pull 2A3 amplifier or from a 500-ohm line. If your present equipment does not have a 500-ohm output it is only necessary to obtain a 500-ohm output transformer to couple it to this amplifier. The wattage input necessary for average output is ONLY 3 WATTS and the average amplifier rated at this output is sufficient to drive this unit. However, it is advantageous to use an amplifier having a greater output than this to handle maximum peak voltages. We especially recommend the Lafayette Push-pull 2A3 Amplifier. The peak output with 8 watts input is 80 WATTS, but like all Lafayette amplifiers it is conservatively rated.

OUTPUT—An oversized output transformer has three output windings, viz. 1-500-ohm line and 2-250-ohm lines. With this combination it is possible to obtain with full load the following impedances: one 250-ohm line or one 500-ohm line or two 500-ohm lines or one 1000-

ohm line or one 1000-ohm and one 500-ohm line. When ordering advise the speakers you intend to use and we will furnish information as to the best method to use for obtaining maximum efficiency.

POWER SUPPLY—In order to obtain the most efficient current regulation extremely low resistance filter chokes are employed. All components are capable of carrying 200% of the maximum amount of current required at any time. Two 83 mercury vapor type rectifiers are used in a special bridged circuit so that each tube is carrying exactly half the current at all times. Choke input filtering is used to further improve regulation.

GAIN—The exclusive circuit developed by Lafayette engineers provides the unusual gain of 12 db.

TUBES USED—Four type 59 tubes and two type 83 tubes.

WATTAGE INPUT A. C.—This amplifier draws only 180 watts at maximum output—an efficiency of better than 33 1/3%.

MODULATION USE—Can be used to modulate 100% any transmitter using up to 120 watts of R. F. input.

DIMENSIONS—11 1/2" deep, 20" long, 10" high. Shpg. wt. 60 lbs.

XP15778—Lafayette 60-Watt Class "B" Amplifier with input and output transformers. List \$119.50

Your Cost **\$59.75**
Kit matched tubes; 4-59; 2-83. **Your Cost** \$4.60

60 Watt Stadium Public Address System

by Lafayette

★ Sufficient Power for Stadiums, Ball Parks, etc., seating up to 50,000 Persons

Formerly, because of the tremendous power required, installations in large stadiums, air fields, ball parks, football fields, etc., were very expensive. New tube developments plus careful engineering, and a consumer acceptance that makes possible quantity production, have enabled us to bring the cost of such equipment to a surprisingly low level.

SUPERIOR ALL AROUND PERFORMANCE

Despite its low price, however, this equipment is not only comparable to equipment costing many times as much, but is in fact superior in all around performance to many such systems.

The complete stadium equipment as shown here does not include speakers; for these should be chosen according to the particular installation at hand. In other sections of this catalog will be found complete listings and descriptions of suitable speakers. Naturally such speakers will be used out of doors and trumpet types must therefore be used.

PHONO PICKUP AND TURNTABLE INCLUDED

The complete equipment, exclusive of speakers, consists of the following: One Lafayette Model 50 double-button microphone complete with an adjustable floor stand and 25 feet of microphone cable, one phono-mike radio control box, one portable turntable and pickup for record reproduction, the Lafayette Push-Pull 2A3 Amplifier as described on page 71 of this catalog and the Lafayette 60-Watt Amplifier described at the top of this page, plus a complete set of tubes for both amplifiers.

FINEST QUALITY COMPONENTS

With this system it is possible to furnish musical entertainment by means of recordings, or voice by microphone, to as many as 50,000 persons with ease. The complete system is of the finest quality throughout and is carefully inspected and tested under actual operation before shipment. It comes to you complete with full instructions for installing and operating.

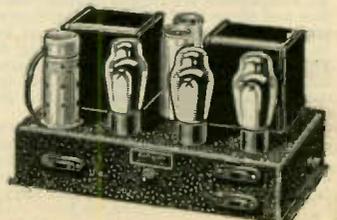
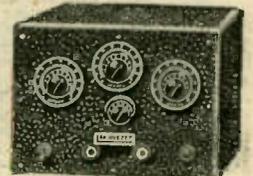
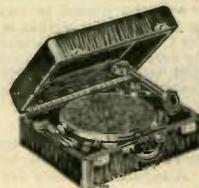
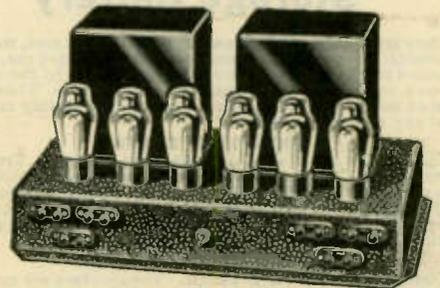
XP15934—Lafayette 60-Watt Stadium Public Address System complete with all equipment as described above.

Shpg. wt. 110 lbs.

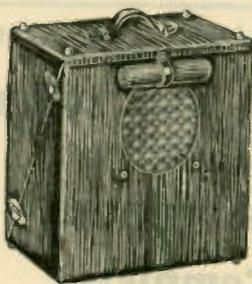
List \$320.00

Your Cost

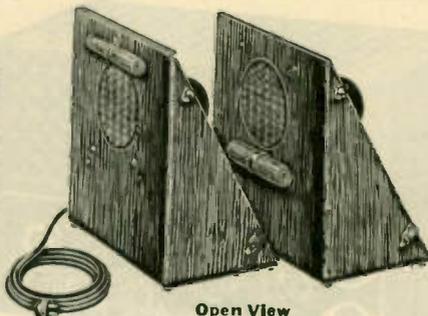
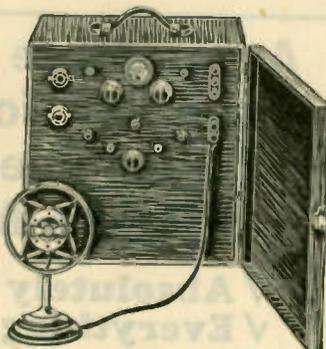
\$160.00



The Ultimate in a Portable P.A. System! Lafayette Push-Pull 2A3 PORTABLE



Closed View



Open View

Now a NEW and IMPROVED model Lafayette DeLuxe Portable P.A. System. ALL of the features of the previous, highly popular, model PLUS a new high in power output! Last year's model had what was considered to be the highest power output ever obtained in a portable P.A. System. But this NEW model has an output that is actually 50% greater than last year's! The phenomenal power output of 15 watts is available! This is more than enough for many moderate sized auditoriums. Built into two compact rugged cases—one containing the amplifier and mixing panel—the other, the two speakers. The Amplifier is the NEW and IMPROVED Lafayette P.P. 2A3 model with a conservatively rated output of 15 watts.

The Mixing Panel is of special LAFAYETTE design and incorporates a Master Switch with Pilot Light—A Mike Current Switch with Pilot Light—A Mike Current Control—A Triplet Mike Current Meter—Two Jacks for breaking into either button line for measuring button current—A Master Gain Control—A Tone Control—A Phono-Mike Changeover Switch and ALL connections, Microphone—Phono-pickup—and both Speakers are made from the front of the panel. Control over EVERYTHING is had at this one versatile panel—Tone and Volume can be varied—Mike and Phono-pickup can be readily changed. The Two Speakers are housed in an extremely practical case that serves

- ✓ 15 WATTS OUTPUT
- ✓ TWO HANDY CASES
- ✓ BUILT-IN MIXING PANEL
- ✓ PERFECT TONE QUALITY
- ✓ RUGGED CONSTRUCTION

Amplifier Case 18 1/4" x 18 1/4" x 11 1/4" deep
Speaker Case 18 1/4" x 18 1/4" x 13 1/4" deep

both as bases for the speakers and as a very compact carrying case. Special Auditorium Speakers are used, having 12" cones, and are provided with special matching transformers that assure their maximum performance irrespective of the distance from the amplifier. Each speaker is provided with a 50 ft. cable and plug. A special snap-on cover protects each speaker cone from damage during transportation. The Microphone is a standard LAFAYETTE model 25—one of the finest microphones made today. A special desk stand assures correct suspension and protection for the microphone.

XP15792—LAFAYETTE Push-Pull 2A3 Portable P. A. System complete with LAFAYETTE 25 D. B. microphone and desk stand. Triplet button current meter. less tubes. Shpg. wt. 65 lbs. List Price \$199.00

Your Cost **\$99.50**

XP15793—Extra pair of matched speakers with self-contained field supply in carrying case same as the one supplied with system. Shpg. wt. 80 lbs.

Your Cost \$29.50

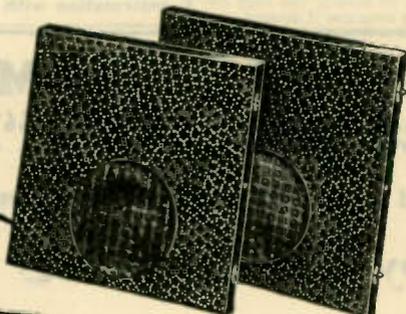
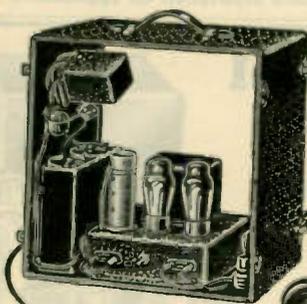
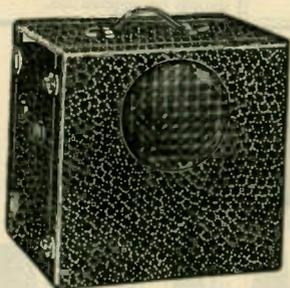
Kit of matched tubes, 2-2A3, 1-57, 1-83.

Your Cost \$3.00

A NEW and IMPROVED PORTABLE Lafayette by A Dual Speaker System with a Full 5 Watt Output

• Using the NEW 2B6 Amplifier

• Greater Output—Better Tone



Never before has it been possible to obtain a complete P.A. System with an output as great as this in so small a size. Many entirely new features that are exclusive Lafayette developments are incorporated in the design of this new 2B6 Portable P.A. System. It is no larger than the previous highly popular model yet has an output that is over 40% greater! It is compact enough to carry in a train or in the rumble seat of a car and can be set up ready for operation at a moments notice.

INGENIOUS CONSTRUCTION

Almost every cubic inch of space in the strong carrying case, measuring 15" square by 10" deep, is utilized. The two sides come off and act as baffles for the two speakers mounted in them. These sides are equipped with folding feet that keep them upright when they are placed on the stage, platform, etc. Inside the case itself is mounted the amplifier using a 57 pentode resistance-capacity coupled to a 2B6. Plate current is furnished by an 83 tube.

A sensitive single button microphone is supplied with the system. Microphone current is furnished by dry cells mounted in a box next to the amplifier. A gain control mounted on the side of the case permits smooth and quiet adjustment of the volume from minimum to

maximum. The gain of the amplifier is sufficient to permit even a soft speaking voice to be heard over a considerable area.

HIGH EFFICIENCY OBTAINED

In the design of a portable amplifier every part must justify its weight. Lafayette engineers have carefully designed the entire unit in order to assure the maximum performance of each component used. Dimensions are 15" square, 10" deep. Maximum shpg. wt. 55 lbs.

XP15927—Lafayette Dual Speaker 2B6 Portable Public Address System with single button hand microphone. \$39.50

List Price \$79.00

Your Cost (less tubes) \$42.50

XP15928—Same as above but with double button Hand Mike.

Your Cost \$45.50

XP15929—Same with two button Mike and Floor Stand.

Your Cost \$45.50

Complete Kit of Matched Tubes for above described amplifiers; 1-57, 1-2B6, 1-83.

Your Cost \$2.68

Replacement Part Headquarters for Dealers and Service Men

Another Lafayette Triumph!



✓ 15 Watts Output!

Lafayette Engineers have again done the seemingly impossible! A complete Theater Amplifier with ALL the latest features in a unit measuring only 14 $\frac{1}{2}$ " by 8 $\frac{3}{4}$ " by 9" high! It has EVERYTHING other larger Theater Amplifiers have—and then some! For instance . . . it has two photo-cell inputs with separate voltage control for each cell! . . . it has a separate sound on disc or microphone input with a switch to change over from photo-cell to mike input instantaneously! . . . it has exciter lamp supply for either 8 volt lamps at 4 amps. or 10 volt lamps at 7.5 amps! . . . it has connections for two separate exciter lamps (two projectors) and a switch for connecting either projector at will! . . . it has a separate exciter current supply switch to cut off the exciter lamps when mike or disc pickup is used! . . . it has both volume and tone controls! . . . it has a fused A. C. line . . . it has ALL terminals accessible from the FRONT of the amplifier! . . . it has field supply for either one 1000 ohm 10 watt field or two 2000 ohm 5 watt fields for speakers! . . . and it has a compensated "low frequency cut-off" response that makes it the finest amplifier you ever heard for portable talking picture machines!

15 WATTS OUTPUT

Despite its compactness that makes it possible to mount the complete amplifier in a very small carrying case it has a very conservatively rated output of 15 watts with a peak output of 20 watts! The special Lafayette designed circuit used in this amplifier makes use of the following tubes; one type 57, one type 53, two type 2B6's and one type 5Z3. An average gain of 94 db. is realized with a specially compensated frequency response curve having a low frequency cut-off. It is -10db at 40 cycles, plus 3 db. at 1000 cycles and -3 db. at 8000 cycles. A special model for use with 16 m.m. film is also available. In addition a tone control is included to modify the high frequency response if desired.

SOUND ON FILM PROJECTORS. We can supply a Lafayette Portable Standard 35 Mm. Talking Picture System complete with this amplifier for commercial or home use. Prices and information with detailed description on application.

A complete "Theater" Amplifier for use with Portable Talking Picture Machines!

- ✓ Absolutely Complete!
- ✓ Everything Accessible!
- ✓ Compensated Frequency Response!

The particular problems arising in operating a portable projector have been carefully studied by Lafayette Engineers with the result that a special type of construction is used. All terminals, switches, controls and the fuse are at the front of the amplifier so that it may be mounted into a case and yet permit access to all controls. A special screen cover protects the tubes against damage and loss. All construction throughout is rigid to withstand the unavoidable rough usage that portable equipment is bound to be subjected to.

CHOICE OF OUTPUT IMPEDANCES

A choice of output impedances of 2-4-8-15 and 500 ohms is available. Field current for one 1000 ohm field at 10 watts or two 2000 ohm fields at 5 watts is also available. Input impedances are of course for the photo-cells and for a high impedance pickup or for a matching transformer when used with low impedance pickups and microphones. Amplifier is supplied complete with two special "low capacity" shielded cables with plugs for attaching photo-cells to the amplifier, and a cover for the amplifier. Overall dimensions (knobs included) are 14 $\frac{1}{2}$ " long, 8 $\frac{3}{4}$ " deep and 9" high. Finished in black crystallized lacquer both inside and out. Shpg. wt. 45 lbs.

XP15922—Lafayette Portable Theater Amplifier complete as described but less tubes.

List \$119.00

Your Cost

Kit of Matched tubes for the above. 1-57, 1-53, 2-2B6, 1-5Z3.

Shpg. wt. 2 lbs.

Your Cost

\$59.50

\$4.00

Note: A model having a specially designed frequency response curve for use with 16 m.m. film is available at a slightly higher price. Price and details on application.

Special Theater Model 28 Watt Class "B"

'Sound on Film' General Purpose Amplifier

by *Lafayette*

Now it is possible for even the smallest of theaters to offer their patrons the finest quality of reproduction. No longer is it necessary to put up with inferior tone quality because the cost of "high fidelity" sound system amplifiers was prohibitive. Here is an amplifier, especially designed for such installations, that compares favorably with the finest made, yet it is priced so low that there can be no excuse for continuing to offer your patrons "mushy," hard to understand, sound with their film entertainment.

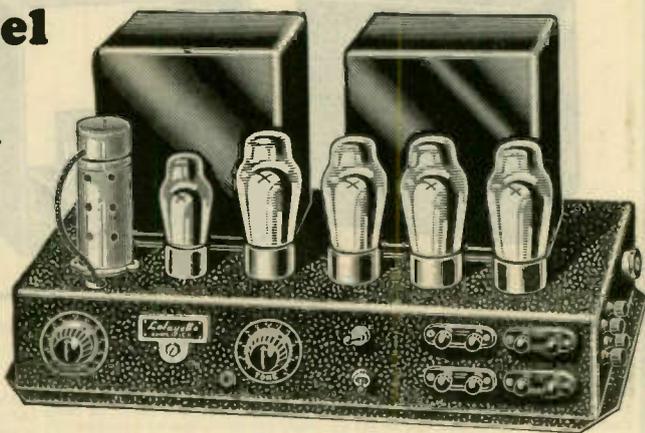
No pre-amplification is required with this four stage amplifier, having an output of 28 watts. A 57 tube is coupled to a 56 which in turn is coupled to a 59 driver surge driving a pair of 59's in class "B". An 83 rectifier tube supplies plate current. Two polarized receptacles are provided for the connection of the photo-cells. Both cell polarization and exciter lamp current is supplied by the amplifier. A changeover switch is also provided for swinging from one projector to the other.

Tone Control

Many theaters have difficult acoustic problems that can often be remedied by the use of a tone control. A really efficient tone control is incorporated in the amplifier.

Volume Control

A very effective volume control that does not affect the clarity at any



degree of volume has been especially developed for this amplifier.

Rugged Construction

Theater work demands an amplifier that will give unflinching service continuously day after day. This amplifier has been designed with that in mind and each component is considerably oversize and can stand by far greater loads than will ever be placed upon them. Shpg. wt. 61 lbs.

XP15763—Class "B" Sound on Film Amplifier.

List \$149.00

Your Cost

Matched Kit of Tubes for above \$4.15

\$74.50

Complete PUBLIC ADDRESS SYSTEMS *vs Lafayette*

The "Utility" 2A5 System

- A complete System at an exceptionally **LOW PRICE!**
- Excellent for use by **window demonstrators.**

This System is especially suitable for such uses as: Inter-office communication, Store Demonstrators, Hearing Aid, etc. It is also suitable for many special uses and can be adapted wherever a system with an output of 3½ watts is required. A large well known chain of confectionery stores uses several of them in connection with window demonstrations. A prominent metropolitan broadcasting station has installed a complete system in each of its studios.

COMPLETE SYSTEM

The System consists of the following: a model 12 double button microphone with a desk stand, one 12 foot shielded microphone cable, a senior mike input stage complete with mike battery, an 8" dynamic speaker with a suitable matching transformer, and the 2A5 three and a half watt Amplifier complete with tubes.

MATCHED UNITS

All of the components used in this system have been chosen with the view of obtaining a unified matched system that will give the finest possible results. The Amplifier is the Lafayette Single 2A5 model that is fully described on page 70 and all the other items including the speaker, input stage, microphone, etc., are accurately matched to this amplifier.

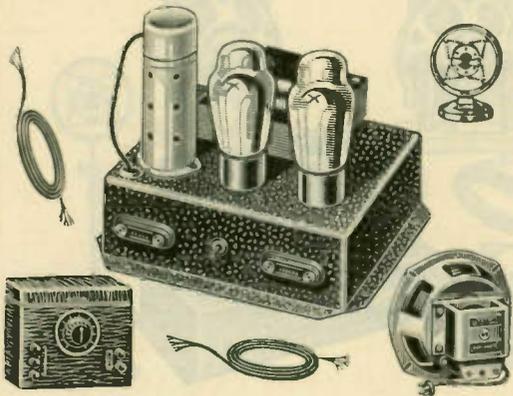
EASILY INSTALLED

The complete system is carefully tested and adjusted before it is shipped to you and comes complete with full easily understood instructions for installation. Actual installation is simple and can be quickly accomplished. This system is powerful enough to operate two speakers if desired. In this event the additional speaker will require its own field supply. For prices on additional speakers write us.

XP15743—Complete Lafayette "Utility" 2A5 Public Address System as described above. Shpg. wt. 35 lbs.

List \$57.50
Your Cost

\$28.75



The "Utility" 2B6 System

The Utility 2B6 System is similar to the system pictured above but incorporates a more powerful amplifier—the Lafayette 2B6, having an output of 5 watts! The more powerful amplifier makes it particularly effective where conflicting noises must be overcome. It is also of advantage where a greater number of speakers (up to 3 or 4) must be used. Because the 2B6 amplifier does not furnish field current a special speaker with its own built-in field supply is furnished with the system instead of the speaker pictured. While only one speaker is included in the system as listed it is of course possible to use as many as desired up to the maximum capabilities of the amplifier. Full instructions for installation and operation are furnished with the system.

XP15926—Complete Lafayette "Utility" 2B6 System including one special speaker as described above. Shpg. wt. 38 lbs.

List \$67.50
Your Cost

\$33.75

The "High Gain" 2A5 System

- An excellent System for the amplification of Music
- Particularly suitable for small Dance Halls

The High Gain Three-Stage P. A. System, illustrated at the right, has been especially designed to eliminate the need for microphone pre-amplification. Pre-amplification is required with most systems when it is desired to pick up voice or music at a distance from the microphone; for example, the amplification of orchestral music. This is so because a greater gain is needed than is necessary when the microphone is spoken into directly. Therefore this system is particularly recommended for use in dance halls, small ballrooms, banquet halls, etc.

COMPLETE SYSTEM

This System includes the High Gain three stage push-pull 2A5 Amplifier as described on page 70 of this catalog. It is furnished complete with a built-in matching transformer, a model 25 double button microphone and adjustable floor stand, 25 feet of shielded microphone cable, a senior mike input stage with self contained button current battery, two 12" Special P. A.-A. C. Speakers using tube rectification for the field supply and equipped with special matching transformers so that they may be placed any distance desired from the amplifier with a minimum loss in volume, and a complete kit of specially matched tubes for the amplifier and the speakers. For a more complete description of the various units look under their respective listings in this catalog.

ADDITIONAL SPEAKERS

The amplifier is capable of operating as many as six speakers, therefore it is possible to add as many speakers as desired to this system up to the full capacity of the amplifier. For prices on additional speakers refer to the speaker section of this catalog.

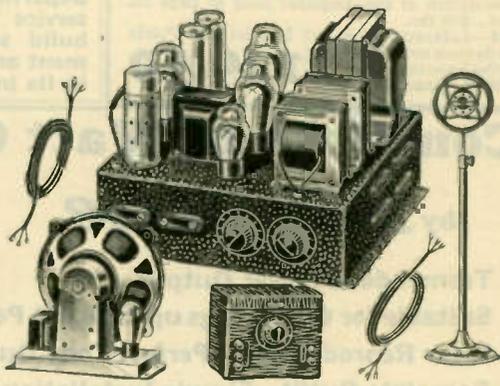
QUALITY COMPONENTS

Each of the items included in this system is of the finest quality and will give long and satisfactory service. The complete system has been carefully tested and adjusted before shipment to you and comes complete with all necessary easily understood instructions for installing and operating.

XP15744—Complete Lafayette "High Gain" 2A5 Public Address System as described above. Shpg. wt. 87 lbs. List \$144.00

Your Cost

\$72.00



The "High Gain" 2B6 System

The High Gain Push-Pull 2B6 System is similar to the one pictured above but includes the more powerful Push-Pull 2B6 Amplifier described on page 71 of this catalog. Having an output 50% greater than that of the system described at the left, it will be more suitable for installations requiring a greater output in order to operate a greater number of speakers or to overcome conflicting noises. It includes exactly the same accessories as listed for the High Gain 2A5 System, only the amplifier and its associated tubes being different.

WILL OPERATE 10 SPEAKERS

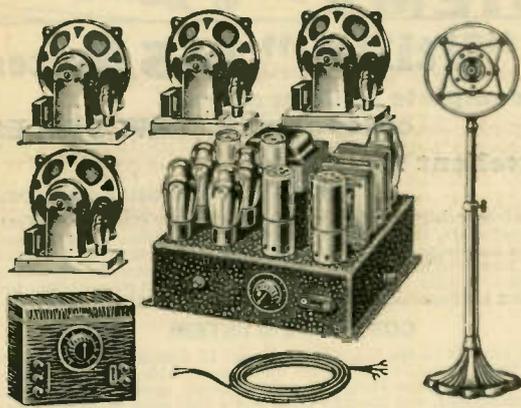
While only two speakers are included in this system it is possible to operate as many as 10 if desired. This feature is of great importance if a number of locations are to be equipped with speakers. Restaurants, Dance Halls and Banquet Halls will find this system particularly well adapted to their needs. The high gain of the amplifier permits picking up music at a distance from the microphone as is done in the amplifying of music from an orchestra. And the output of 15 watts is great enough for the majority of the smaller dance halls.

XP15925—Lafayette Complete 2B6 "High Gain" Public Address System including 2 speakers, tubes, input stage, microphone and floor stand and mike cable. Shpg. wt. 125 lbs. List \$157.00

Your Cost

\$78.50

Push-Pull Parallel 2B6 P. A. System by Lafayette



Everything needed for a powerful 22-watt Public Address System capable of covering as many as 5,000 persons is included in this outfit which is ideally suited for use in Auditoriums, Dance Halls, Swimming Pools, Tennis Courts, etc. The nucleus of the system is the Lafayette Push-Pull Parallel 2B6 Amplifier, the outstanding feature of which is the excellent tone quality of its reproduction. Sufficient gain is provided in the amplifier to permit the pick-up of music directly from an orchestra, or a singer singing at a distance from the microphone, without the need of additional pre-amplification.

COMPLETE SYSTEM

Complete system includes the following: one Model 50 Double Button Microphone with an adjustable De Luxe Floor Stand and 25 feet of microphone cable. a Senior Mike Input Stage, four 12-inch Special PA-A.C. Dynamic Speakers with special matching transformers so that they may be placed any distance desired from the amplifier, and the Lafayette Push-Pull Parallel 22-watt 2B6 Amplifier, complete with tubes. While only four speakers are included at the price quoted, the amplifier is capable of operating as many as twelve with ease. Additional speakers as desired may therefore be added. Prices on additional speakers will be found elsewhere in this catalog. For a complete description of the Amplifier refer to page 72. Shpg. wt., 230 lbs.

XP1594—Lafayette Push-Pull Parallel 2B6 Public Address System complete as described above. **\$129.50**
List \$259.00. Your Cost . . .

The various Public Address Systems and Amplifiers listed on this and adjacent pages represent average installations. Should you have any special problem, requiring equipment other than that listed here, our Engineering Department is at your service to design and build suitable equipment and to assist you in its installation.

Push-Pull 2A3 P. A. System by Lafayette



A complete, powerful, 15-watt Public Address System sufficiently large for the average installation. Tone quality is exceptionally fine and reproduction is clear and lifelike, so important in all public address installations, yet seldom obtainable, with this unusually large output, at so low a price. Only the finest quality components are used in this amplifier, and are sufficiently oversized so that the system may be used continuously without the slightest fear of overheating. Complete system includes: 1 Lafayette P.P. 2A3 Amplifier, 1 Lafayette Sr. Input Stage, 1 Lafayette Model 25 Microphone with adjustable floor stand and 25 feet of mike cable, 2 Speaker to Line Matching Transformers (mounted on speakers), so that speakers may be placed any distance from the amplifier and 2 12-inch Special PA-A.C. Speakers. While only two speakers have been included it is of course possible to add as many as you wish up to the full capacity of the amplifier. Everything included in this outfit has been chosen with but one idea in mind—to obtain the finest possible system with this particular output wattage. Shpg. wt. 120 lbs.

XP15708—Complete P. A. System as described less matched tubes. **\$77.75**
List \$155.50
Your Cost . . . \$31.20

Kit of Matched Tubes. Your Cost . . . \$3.10
XP15755—Same System as above, but with Matched D.C. Speakers, obtaining field excitation from Amplifier; with matching Transformer. **\$72.50**
List Price \$145.00. Your Cost . . .

Complete 28 Watt Class "B" P. A. System by Lafayette

- ★ Tremendous Power Output
- ★ Suitable for Gatherings up to 10,000 People
- ★ Clear Reproduction—Perfect Tone Quality
- ★ Complete Outfit—Simple Installation

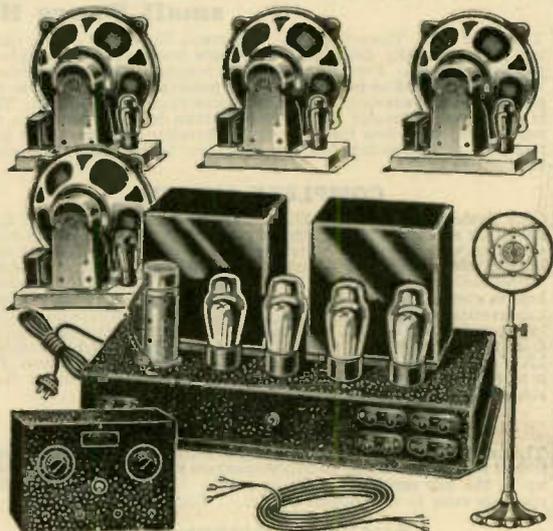
With the proper accessories, the Lafayette Class "B" Amplifier makes an ideal P.A. system, capable of carrying voice and music to indoor crowds of as many as ten thousand people. The amazing performance of the Lafayette Class "B" Amplifier is made possible by the advanced engineering principles involved in its design and the very high quality of its components. Its output is really tremendous, and must be heard to be appreciated. It is ideal for permanent installations in theatres, churches, dance halls, skating rinks, lodge rooms, etc. All of the component parts are considerably oversized; the amplifier having been designed for continuous operation under severe conditions.

SPECIAL MATCHING TRANSFORMERS

By means of the special matching transformers mounted on the speakers, the loud speakers may be placed in the most advantageous positions, regardless of the length of the connecting lines, and will all produce uniform results. This is very important from the standpoint of good reproduction.

Servicemen or sound specialists can buy a complete system, as illustrated above, or they may select as many of the accessories as they need for a particular installation. All the parts listed are guaranteed to be up to the usual high Lafayette standard.

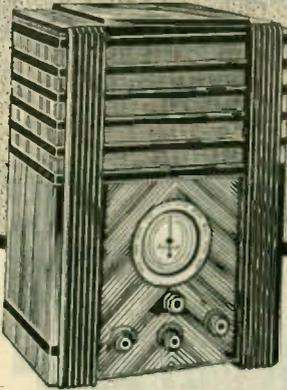
XP15720—Complete Public Address System consisting of the following: Class "B" 28-Watt Amplifier as described; 1 Lafayette Model 50 Microphone, with De Luxe Floor Stand and 25 feet cable; 4 12-inch Special PA-A.C. Speakers; 1 Pre-amplifier Control Box. Complete with tubes. **\$138.50**
Shpg. wt. 165 lbs.
List \$277.00. Your Cost . . .



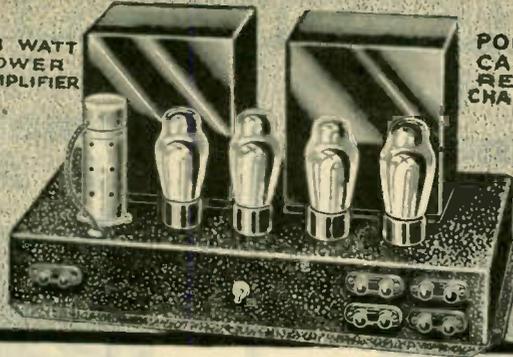
XP15781—Same as above but with ten 12-inch Special PA-A.C. Speakers and matching transformers mounted on speakers. **\$219.00**
Shpg. wt. 310 lbs.
List \$438.00. Your Cost . . .

The Lafayette 28-Watt Class "B" Amplifier included in this P.A. System has a handling capacity of twenty dynamic speakers at full volume. It is listed with four and with ten speakers but can of course be operated with any number up to the full capacity of the amplifier. Write for prices on additional speakers desired.

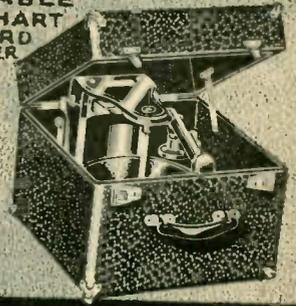
10 TUBE
ALL WAVE
RECEIVER



28 WATT
POWER
AMPLIFIER



PORTABLE
CAPEHART
RECORD
CHANGER



A complete De Luxe PUBLIC ADDRESS and ENTERTAINMENT SYSTEM by Lafayette FURNISHES RADIO, PERSONALLY APPEARING and! RECORDED ENTERTAINMENT!

Here, at last, is the inexpensive answer to the entertainment problems of **Hotels, Restaurants, Clubs, etc.** Not only does it act as a De Luxe Public Address System but, in addition, it will furnish Radio—Automatic Phonograph—and personally appearing entertainment. For Hotels, Restaurants, Clubs, etc., it is the one system that meets every requirement. At dinners or other functions it will amplify clearly and distinctly the voices and musical instruments of personally appearing speakers and entertainers. At times when no orchestra is available it will, with no attention, furnish four hours of music or other recorded entertainment by means of the automatic phonograph. And when especially desired programs are broadcast over the air it will pick them up by means of the powerful sensitive 10-tube Lafayette All-Wave Receiver and amplify them so that thousands may hear them at a time.

ONLY THE FINEST EQUIPMENT INCLUDED

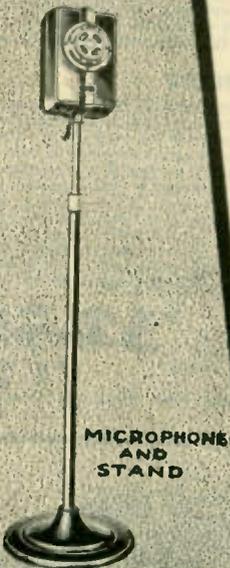
Only the finest components are used in this system. The heart of the system is the Lafayette 28-watt Amplifier which is fully described in the P. A. section of this catalog. Also included are three Wright De Coster Model 305 Speakers, one Wright De Coster P. A. 26 Field Supply, a Shure Condenser Microphone complete with Power Supply, and Floor Stand, a Lafayette Control Box for operating the System, a Capehart Automatic Record Changer in a portable case and capable of playing 10 standard 78 R.P.M. or 33 1/2 R.P.M. records (either 10" or 12") at a time, and for Radio Entertainment a Lafayette 10-tube All-Wave Receiver that will receive both standard broadcast and all short waves, in fact everything on the air. The receiver has an additional speaker of its own that is used for monitoring purposes. The receiver is fully described in the set section of this catalog.

EXCELLENT TONE QUALITY—POWER TO SPARE

The tone quality of the system is especially fine being lifelike and clear at all volume settings. The control box permits adjustment of volume from all three sources and provides a means for rapid changeover from any source (either radio—phonograph—or microphone) to another. The power output of 28 watts is more than ample for practically any installation except the largest stadiums. If necessary it will operate as many as twenty speakers. Only three speakers are listed but as many as desired up to the full capacity of the system may be added.

The operation of the system is extremely simple and when once installed may be operated by even an inexperienced person after a few moments instruction. Complete directions for installing and operating, are, of course, furnished. Shpg. wt. 318 lbs.

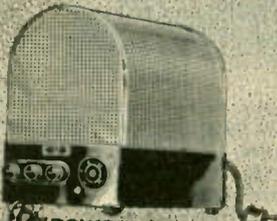
XP15948—Complete System as described including **\$349.50**
tubes. Your Cost.....



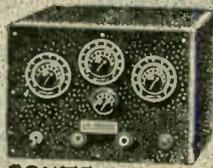
MICROPHONE
AND
STAND



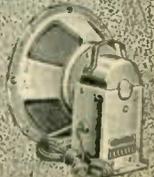
FIELD SUPPLY



POWER SUPPLY
FOR MICROPHONE



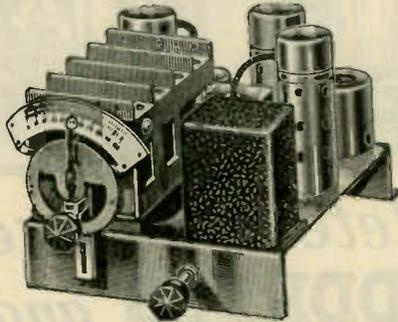
CONTROL BOX



SPEAKERS

Lafayette PUBLIC ADDRESS Tuners

Lafayette "T. R. F." P. A. Tuner



- ★ Excellent Tone Quality
- ★ Highly Selective
- ★ Pentode Tubes
- ★ Four Gang Condenser

Where TONE QUALITY is far more important than extreme selectivity (such as furnished by the Lafayette Super-Het Tuner) we recommend the use of this Lafayette T. R. F. Tuner. This circuit providing more of the side bands, so necessary for overtones and shading, is somewhat better for obtaining the finest tone quality possible for radio reception.

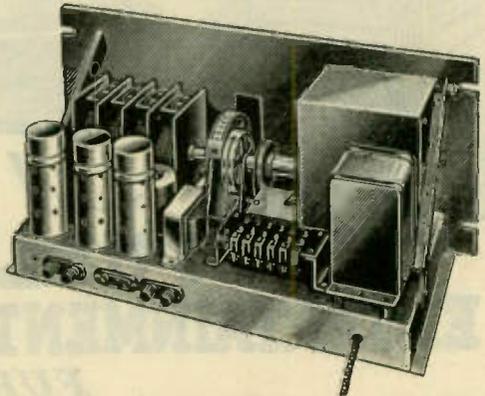
PENTODE TUBES PRE-SELECTOR CIRCUIT

Four tuned circuits are used, tuned by sections of the four gang condenser. The first is a pre-selector circuit that makes possible really good selectivity without loss of side bands. The next two are tuned radio frequency stages employing two type 58 variable- μ pentodes followed by a tuned detector stage employing a type 57 pentode. If desired, a type 56 triode detector may be had instead. This type of detector is recommended where transformer coupling is to be employed between the tuner and the amplifier or line. When ordering state which detector is desired. The tuner is thoroughly shielded and filtered to prevent oscillation irrespective of the type of amplifier employed. Filament supply for the tuner is self-contained. "B" supply of from 180 to 250 volts may be obtained from the average amplifier, or a separate supply may be used, either eliminator or if necessary for short periods "B" batteries. The maximum current drain is 25 M.A. with an average drain of 10 M.A. Furnished complete with plug and cord and full operating instructions. Size: 8" wide, 7 $\frac{1}{4}$ " high, 10" deep. Shpg. wt. 12 lbs.

Kit of matched tubes—1-57, 2-58's. \$17.95
Your Cost \$1.75

XP15700—Lafayette "T. R. F." Tuner, less tubes. \$17.95
List \$35.90. Your Cost \$1.75

Lafayette "Remote Control" P. A. Tuner



- ★ Compact—Reliable—Remote Control
- ★ Standard Rack Panel
- ★ Self-contained Filament Supply

No longer is it necessary to be at the P. A. Rack to tune the radio tuner from station to station or to control the volume. All tuner operations—tuning—volume adjustment—turning it on or off—can be done at a remote point, quickly, at the touch of a fingertip, with this new Lafayette Remote Control Tuner.

T. R. F. CIRCUIT

Because tone was considered the primary factor in the development of this tuner the T. R. F. circuit was selected. A pre-selector stage tuned with one section of the four gang condenser is followed by two stages of tuned radio frequency using two type 58 pentodes which in turn are followed by a type 57 detector. If desired, a type 56 triode detector may be had. This type of detector is preferable where transformer coupling is to be used to the amplifier or line. When ordering state which is desired. Each stage is well shielded and filtered to prevent oscillation regardless of the type of amplifier and power supply system used. Tuner has its own filament supply and requires 180 to 250 volts of "B" supply, which may be obtained from the amplifier. Maximum current drain is 25 M.A., average 10 M.A. Overall dimensions: 19" long, 8 $\frac{1}{2}$ " deep, 8 $\frac{3}{4}$ " high. Will fit standard W. E. rack. Shpg. wt. 30 lbs.

XP15700—Lafayette Remote Controlled Tuner, less tubes. List \$65.00. Your Cost \$32.50
Matched Kit of tubes consisting of 1-57, 2-58's. \$1.77
Your Cost \$1.77

XP15701—"B" Eliminator for Tuner, with tube. Shpg. wt. 15 lbs. \$7.95
List \$15.90. Your Cost \$7.95

Lafayette "Super-Het" Tuner

- ★ 10 KC. Selectivity
- ★ New Pentagrid Tubes
- ★ Diode Detection
- ★ Automatic Volume Control

A Superheterodyne Public Address Tuner incorporating every modern feature found in superheterodyne receivers today. Highly selective—10 K. C. separation. Sensitive—3 $\frac{1}{2}$ microvolt per meter. Thoroughly shielded. Automatic volume control. Diode detection. Pre-selection with a four gang condenser. Self contained filament supply. Compact in size—easily mounted.

NEW TUBES—NEW CURRENT

The circuit incorporating many exclusive Lafayette features is as follows: a pre-selector stage is followed by a tuned R. F. stage using a 58 pentode, then a type 2A7 pentagrid converter tube serves as oscillator and mixer or first detector, which in turn is followed by a 2B7 pentagrid used as intermediate frequency amplifier and diode detector and A. V. C. tube. Two models are made, one for use with low gain amplifiers having a gain of less than 60 db. and for line transmission work, this has an extra audio stage using a 56 tube. The other, for

use with amplifiers having a gain of over 60 db. is without this stage.

STURDILY CONSTRUCTED

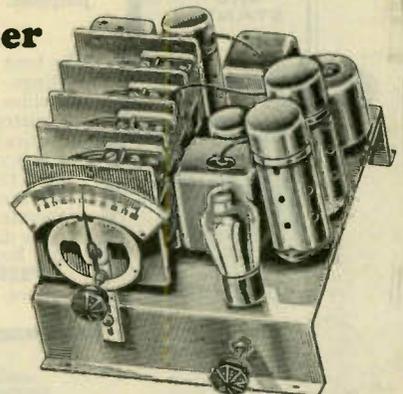
Only the highest quality components used throughout. Compact—7 $\frac{1}{4}$ " high, 10 $\frac{1}{4}$ " deep and 9 $\frac{1}{4}$ " wide. Comes complete with instructions. Shpg. wt. 14 lbs.

XP13828—Three tube Lafayette Super-Het Tuner for high gain amplifiers, less tubes. \$22.50
List \$45.00
Your Cost \$22.50

Kit of matched tubes for above
Your Cost \$2.10

XP13830—Four tube Lafayette Super-Het Tuner for low gain (under 60 db.) amplifiers, less tubes. List \$49.00 \$24.50
Your Cost \$24.50

Kit of matched tubes for above
Your Cost \$2.50



The Lafayette "B" Eliminator, Cat. No. XP15701 listed under the Remote Control Tuner can be used on any of the Lafayette Public Address Tuners listed on this page. Delivers 250 V. at 50 M.A. in humless form.

DYNAMIC UNITS & TRUMPETS

RACON Dynamic Speaker Units Giant Unit



A powerful Dynamic Unit especially designed for use with trumpet type horns. Handles 20 watts continuously or 50 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. Shpg. wt. 26 lbs.

Less transformer.
XW19265—Your Cost Each... **\$32.34**

Racon Master Unit
Similar in appearance to the above unit. Continuous operating capacity 20 watts, peak 50 watts. 15 ohm voice coil; 6-8 volts at 1.1 amps. field current. Shpg. wt. 18 lbs. Less coupling transformer.
XW19266—Your Cost... **\$25.88**

Coupling Transformers
XA400—Coupling Transformer for all units described 500 ohms impedance.
XA402—As above 4000 ohms impedance.

Your Cost Each, **\$12.94**
Either Type.

RACON High Frequency [Tweeter] Speaker



Average speakers drop sharply at about 3000 cycles whereas "high fidelity" amplifiers are good to 17,000 cycles. By using a high frequency speaker, this difficulty is overcome. H. F. Speakers begin to take effect where regular speakers leave off, thus producing a combined response that is practically flat from 50 to 17,000 cycles.

The RACON High Frequency Speaker, when used with the RACON Filter Network, will cover the entire audio band very efficiently. Speaker comes complete with short flare horn with 3" bell. Overall length of speaker 6 3/4". Either 6 or 110 volts D. C. fields available—state which is desired. Voice coil impedance 15 ohms. Shpg. wt. 6 lbs. RACON High Frequency Speaker.

XW19269—Your Cost... **\$16.15**
Filter Network to couple high and low frequency speakers to line. State whether 500 or 4000 ohm line is desired. **\$16.15**
XW19270—Your Cost... **\$16.15**

All RACON Units now available with 110-volt fields if desired. State which.

RACON Junior

Handles 15 to 20 watts continuously or 50 watts peak. 15-ohm voice coil, 6 to 8 volts at 1.1 amps. field current. Shpg. wt. 11 lbs. Complete, less Coupling Transformer.
XW19275— **\$21.00**
Your Cost..



RACON Baby



Continuous operating capacity 5 to 7 1/2 watts; peak capacity 20 watts. Voice coil 15 ohms. Field current, 6 volts at 1 1/4 amps. Shpg. wt. 9 lbs. Complete, less coupling Transformer.

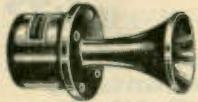
XW19268—List **\$27.50**
Your Cost... **\$16.17**

RACON Super Giant



Particularly adapted for theatre and auditorium. 6 to 8-volt field excitation. 1.1 ampere consumption at 6 volts 15-ohm voice coil impedance. Continuous operating capacity 25 watts. Peak load capacity 50 watts.

Shpg. wt. 20 lbs.
XW19754—List **\$66.00**
Your Cost... **\$38.80**



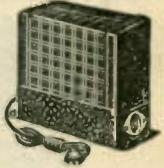
ELECTROPHONE "Crystal" High Frequency Speaker

The Electrophone Crystal Speaker is a highly efficient high frequency speaker that requires no field current—no filter system—and can be connected directly to the voice coil terminals of any regular dynamic speaker. The diaphragm of this speaker consists of four specially matched piezoelectric crystals that will only respond to frequencies of over 1500 cycles thereby making unnecessary the use of a filter system. A coupling transformer to couple the speaker to any existing voice coil leads in an integral part of the speaker. Short flare horn is of moulded bakelite 5" long with bell 3 1/2" diameter. Length of speaker overall 7 3/4". Shpg. wt. 5 lbs.

XW19279—Electrophone Crystal Speaker. **\$30.00**
Your Cost

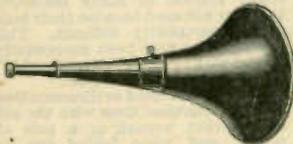
Lafayette "Humless" Field Supply

An entirely new idea in field supplies. Can be used interchangeably for 1000 or 2500-ohm fields—light in weight—no delicate high voltage windings—cannot be harmed by plugging into D.C.—valuable features for portable work. Compact in size: 7" long, 3 3/4" wide, 6 1/4" high. For 110 volts A. C. operation—also available for 220 volts at slight additional cost. Two types—for one field using one 2E25 tube—for two fields using two 2E25 tubes. Steel case finished in black crystallized lacquer. Shpg. wt. 6 lbs.



XW19294—Single Field Supply less tube. **\$2.90**
Your Cost
XW19295—Dual Field Supply less tubes. **\$3.95**
Your Cost

RACON Trumpets



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

3 1/4 Ft. Trumpets BELL 22" ROUND 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. Shpg. wt. 20 lbs.

XY19788—List Price \$44.00
Your Cost **\$25.88**
Each

DeLUXE MODEL

Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. For indoor or temporary outdoor use. Shpg. wt. 17 lbs.

XY19789—List Price \$27.50
Your Cost **\$16.15**
Each

REGULAR MODEL

Equipped with metal beaded edge, metal ferrule and suspension ring. Adapted for 3/4"—18 thread unit. For indoor use only. Shpg. wt. 17 lbs.

XY19790—List Price \$22.00
Your Cost **\$12.94**
Each

4 1/2 Ft. Trumpets BELL 24" ROUND

STORMPROOF MODEL
Equipped with rolled on beaded edge and half length cast aluminum tone arm. Two sections easily assembled or disassembled. Especially made for outdoor use. Three suspension points. Coupling for attaching unit. Shpg. wt. 15 lbs. List \$60.50.

XY19740 **\$35.58**
Your Cost

DeLUXE MODEL. A special model for indoor use. Has rolled on beaded edge and half length cast aluminum tone arm. Can be taken apart or put together in a few moments. Three suspension points are provided. Has a special flexible coupling to attach unit. Shpg. wt. 13 lbs. List \$44.00.

XY19741— **\$25.88**
Your Cost

6 Ft. Trumpets BELL 30" ROUND

STORMPROOF MODEL
Equipped with metal beaded edge, cast aluminum throat and 4" suspension ring. For outdoor use in all climates and weathers. Shpg. wt. 35 lbs. List Price \$71.50.

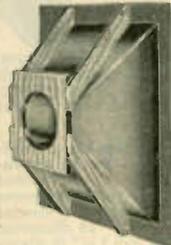
XY19791— **\$42.00**
Your Cost

REGULAR MODEL. Equipped with metal beaded edge, cast aluminum throat, and 4" suspension ring. For indoor use only. Shpg. wt. 31 lbs. List \$55.00.

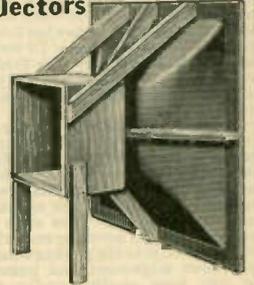
XY19792— **\$32.34**
Your Cost

ALL METAL MODEL. Cast aluminum throat and reinforced bell rim. Wt. 20 lbs. List \$55.00.
XY19745— **\$32.34**
Your Cost

RACON Flared Baffle Projectors



Increase materially the efficiency of the cone speaker and improve the sound distribution. They extend the frequency response of the speaker, particularly in the low frequency range. Equipped with mounting block for the cone speaker and patented self-supporting frame.

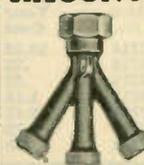


ing block for the cone speaker and patented self-supporting frame.

| Stock No. | Bell, in. | Type A | | List Price | Your Cost |
|-----------|-----------|------------|--|------------|-----------|
| | | Depth, in. | | | |
| XY19700 | 18x30 | 10 | | \$13.20 | \$7.76 |
| XY19701 | 27x27 | 24 | | 33.00 | 19.40 |
| XY19702 | 36x36 | 24 | | 44.00 | 25.87 |
| XY19703 | 41x41 | 15 | | 44.00 | 25.87 |
| XY19704 | 44x44 | 24 | | 49.50 | 29.10 |
| XY19705 | 60x60 | 36 | | 110.00 | 64.68 |

| Stock No. | Bell, in. | Type B (with acoustically damped box) | | List Price | Your Cost |
|-----------|-----------|---------------------------------------|--|------------|-----------|
| | | Depth, in. | | | |
| XY19706 | 27x27 | 24 | | \$42.50 | \$25.00 |
| XY19707 | 36x36 | 24 | | 53.50 | 31.45 |
| XY19708 | 41x41 | 15 | | 53.50 | 31.45 |
| XY19709 | 44x44 | 24 | | 59.00 | 34.70 |
| XY19710 | 60x60 | 36 | | 119.50 | 70.25 |

RACON Multiple Trumpet Connectors



Connects several trumpets to one unit. For use where great coverage must be realized from a single unit. Neatly finished and sturdily made of brass with threaded collars 1/4"x18" for horns and unit. Dispersion angle 90° for Dual and 105° for Triple. Shpg. wt. 10 lbs.

XY19735—Dual List \$14.85. **\$8.73**
Your Cost
XY19736 Triple List \$19.25. **\$11.32**
Your Cost

Lafayette P.A. SPEAKERS and ACCESSORIES

11" A. C. Dynamic

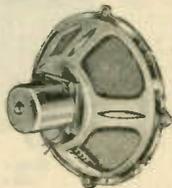


An excellent speaker for use in small and medium sized P.A. systems and in radio receivers. This model utilizes the 2575 tube for rectifying 110 volts A.C. to supply the necessary

field current. Tube socket, filter condenser, and other parts are built on a steel shelf mounted under the field coil. Speaker cone constructed of high quality acoustic material and employs the time tried waveform spider. Shows practically flat response curve over the entire audible range. Reproduces with a rich, mellow tone. Will safely handle a continuous output of 5 watts. Input transformers can be supplied to match the impedance of any type output tubes. Specially desired type when ordering. Size 11 1/4" high, 8" wide, 6" deep. Attractively finished in bright cadmium plate. Shpg. wt. 20 lbs.

XW19149—Less tube. \$7.45
Your Cost.....

Modified 14 inch Photophone Type



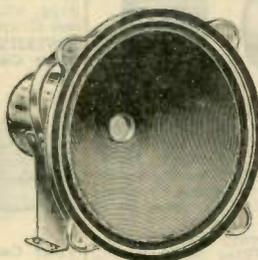
A large 14-inch speaker at an exceptionally low price. It has all of the characteristics of the "photophone" speaker such as a 14" cone, 1 1/4" diameter voice coil, 1000-ohm field, but is for use with a somewhat lower input. It will safely carry 10 watts with a peak of 18 watts. The field is housed in a pot 3 1/2" long by 3 1/4" diameter. Voice coil impedance is from 8 to 12 ohms.

This speaker is excellent for use in public address systems or in large console radio receivers. Its frequency response is especially fine. The bakelite spider permits great flexibility and makes the speaker unusually sensitive. The cone is made of a special acoustic material and is pressed into shape thus assuring perfect alignment and unusually fine tone quality under all conditions. Dimensions overall: 15 1/2" diameter, 9" deep. Shpg. wt. 14 lbs.

XW19376—\$8.95
Your Cost.....

Lafayette P. A. Speakers

New 14-Inch "Photophone Type" Dynamics



All of the desirable qualities of the popular Photophone type of speaker plus many new features that greatly improve its performance and construction have been combined in this newest Lafayette Dynamic speaker. Designed for use where great power with exceptionally fine tone quality is desired. An extremely large, heavy field, wound with approximately 5 1/4 lbs. of pure copper wire is housed in a pot 5 1/2" long. The cone, made of the finest quality acoustic material, is 14" in diameter and has a 1 1/4" voice coil with an impedance of 8 to 12 ohms. D.C. field resistance is 1000 ohms. This speaker will safely carry 15 watts continuously and 25 watts peak. Workmanship is of the finest and all metal parts are attractively finished in bright cadmium plate. Shpg. wt. 29 lbs.

XW19153—Lafayette 14" Photophone Type Speaker. \$11.45
XW19155—Same but with 2500-ohm field.
XW19154—Same but with 6-volt field.
Your Cost Either Type.....

14-Inch A. C. Model

The A.C. model is exactly the same in every detail with the exception that it is equipped with a base upon which is mounted a transformer, socket, etc., for field supply. Requires a 5Z3 tube as rectifier. For operation from 110 volts 60-cycle A.C.

XW19137—A.C. Model less tube. Shpg. wt. 16 lbs. \$15.95
Your Cost.....

6 V. Cone Unit and Trumpet



The new Lafayette P.A. cone speaker is now available with either of two types of trumpets—the regular square model that is 48" long and has a bell 22" square, and a new round trumpet that is 24" long and has a 22" round bell. Both are made of non-resonant material.

The cone unit is capable of handling 15 watts and has an unusually powerful field. Field current consumption is 1 to 1 1/4 amperes at 6 volts. The cone of special acoustic paper is 6" in diameter and has a voice coil 1 1/4" in diameter with an impedance of 8 to 12 ohms.

Careful design has made this a most efficient speaker providing an exceptionally high ratio of acoustic output to electrical input.

Where space is a factor or where a wide angle at short range is to be covered the round trumpet is preferable, but where

the sound is to be projected to a distance the square type is better.

XW19830—Lafayette Cone Unit. Shpg. wt. 10 lbs. \$10.45
Your Cost.....

XW19831—Lafayette Square Trumpet. \$14.50
Your Cost.....

XW19835—Lafayette Round Trumpet. \$7.94
Your Cost.....

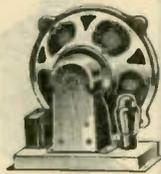
XW19832—Complete Square Trumpet Speaker. \$24.50
Your Cost.....

XW19836—Complete Round Trumpet Speaker. \$17.95
Your Cost.....

Complete Speaker, shpg. wt. 30 lbs. Trumpets only 20 lbs.

Lafayette "P. A. Special"

In Both A.C. and D.C. Models

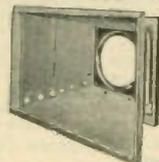


A new Lafayette speaker, particularly designed for public address systems. Our wide experience in the design of public address equipment was called upon in the design of this new speaker and it incorporates every feature that would add to its suitability for this purpose. It has a 12" cone made of a specially prepared acoustic paper. A special line matching transformer having impedances of 250 and 500 ohms is mounted on the speaker. Field resistance is 1000 ohms. Two types available—A.C. and D.C. A.C. type uses a 5Z3 rectifier and comes complete with tube. Shpg. wt.: A.C., 13 lbs.; D.C., 10 lbs.

XW19374—D.C. "P.A. Special." \$7.95
Your Cost.....

XW19375—A.C. "P.A. Special." \$12.50
Your Cost.....

"Demountable" Flared Baffle Horn



While the fact that a baffle of the flared type greatly improves the efficiency of cone speakers is generally known, in many instances they are not used because their bulk makes portability difficult. This problem has now been successfully solved with this new "demountable" flared cone speaker baffle.

It can be assembled or disassembled in a few minutes' time with the aid of a socket wrench or a pair of pliers, and when folded can be packed within a space 30x16x2 1/4". Dimensions assembled are: 13" deep, and 30x18" bell. Sides are fastened together by means of spade bolts on two sides passing through holes in the other two sides. A special moulding finishes off the edges. Two sizes of cone openings available. Shpg. wt. 10 lbs.

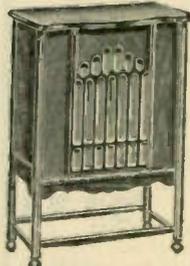
XW19837—7" opening. \$3.95
XW19838—10" opening.
Your Cost, Either Type.....

Celotex Speaker Baffles

To obtain the full efficiency from a dynamic speaker it must be mounted on a baffle. Preferably this baffle should be of some non-resonant material. Such a material is Celotex of which these baffles are made. Two thicknesses available. Any size hole can be had from 4" to 12" at no additional cost. When ordering specify size hole desired. Shpg. wt. 2 1/2 lbs. per square foot.

| 1 1/2" Thick Stock No. | Your Cost | Size | 3/4" Thick Stock No. | Your Cost |
|------------------------|-----------|--------|----------------------|-----------|
| XY19793 | 50.29 | 12x12" | XY19714 | 50.22 |
| XY19794 | .75 | 18x18" | XY19715 | .25 |
| XY19795 | 1.35 | 24x24" | XY19716 | .65 |
| XY19796 | 2.60 | 36x36" | XY19717 | 1.15 |
| XY19797 | 4.40 | 48x48" | XY19718 | 2.45 |
| XY19798 | 5.25 | 36x72" | XY19742 | 3.75 |
| XY19799 | 6.75 | 48x72" | XY19743 | 4.50 |

Walnut Speaker Cabinet

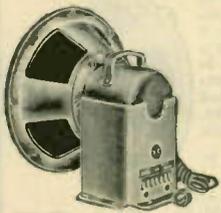


This cabinet permits the placing of a speaker in the most luxurious surroundings without detracting one iota from the appearance of the room. Walnut veneers, attractively grained, and polished to a satin smoothness, have been fashioned into a particularly handsome cabinet, conservative in design. Many public address installations are made in hotel lobbies, club rooms, etc., where the speakers must be hidden. This cabinet will fit all speakers listed in this catalog except Wright-DeCoster 305-15, Lafayette 14" Photophone type, and Oxford 12 1/2" models, which project slightly from the rear. Outside dimensions 30" high, 18" wide, 9" deep. Shpg. wt. 18 lbs.

XY19848—\$9.50
Your Cost.....

WRIGHT De COSTER (AND) Jensen SPEAKERS

WRIGHT De COSTER



Models 305 & 315

Due to the excellent design of the magnetic structure, the Model 305 is extremely efficient. This means that an amplifier to fulfill a certain requirement may be operated below its maximum rating, resulting in much better tone quality. The Model 305 is rated conservatively at 15 watts. It is sensitive enough, however, to operate on as little as 1 watt.

PATENTED SOLID SPIDER

The solid center spider is made of material which is very durable. It maintains the voice coil in a perfectly centered position, but still allows the cone a great freedom of movement. Another feature of the solid center spider when the speaker is installed outdoors is the protection it gives to the air gap against dirt, etc. Furthermore the entire diaphragm assembly is moisture proof.

Equipped with input transformer having impedances of: 10 (directly to voice coil), 500, 1000, 1500 and 4000 ohms. These various impedances allow the user a great deal of latitude when matching several speakers to an amplifier, eliminating the need for special matching transformers. Standard field resistance is 1800 ohms for operation on 220 to 275 volts D. C. at 125 to 140 Ma. Special field resistances can be supplied to order. Max. field dissipation 40 watts, min. 18 watts. Fields can be operated on A. C. by using the field supplies described on this page. Shpg. wt. 42 lbs.

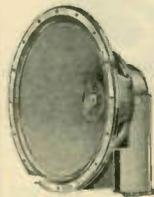
XW19354—Model 305. Dimensions 12 $\frac{1}{4}$ " wide, 9" deep, 12 $\frac{1}{4}$ " high. **\$28.52**
List \$48.50
Your Cost.....

MODEL 315

Similar to the above except that it is rated at 10 watts and has a 3500 ohm field requiring a maximum dissipation of 25 watts, minimum 12 watts. 12 $\frac{1}{4}$ " wide, 8 $\frac{1}{6}$ " deep, 12 $\frac{1}{4}$ " high. Shpg. wt. 30 lbs.

XW19353—Model 315. **\$22.05**
Your Cost.....

New WRIGHT De-COSTER



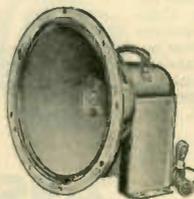
Model 425

An entirely new model that should prove to be extremely popular. An excellent value. Same high quality construction as the larger models. Handling capacity—7 watts. Field resistance 2500 ohms. Other resistances to special order. Dimensions: 12 $\frac{1}{4}$ " wide, 7 $\frac{3}{4}$ " deep, 12 $\frac{1}{4}$ " high. Shpg. wt. 18 lbs.

XW19146—
List \$16.50
Your Cost..... **\$9.70**

STATE TYPE OF OUTPUT TRANSFORMER DESIRED

WRIGHT de COSTER



"Theatre" Models 309 & 319

The cone in the 309 reproducer is especially designed to operate perfectly with sound on film. While it emphasizes the voice frequencies, it covers an extremely

full range so that the rest of the register is in no way injured. This means the voices are clearly and distinctly enunciated, yet the music will still retain all its original character.

SOLID LEATHER SPIDER

The patented solid leather spider maintains the voice coil in a perfectly centered position but still allows the cone a great freedom of movement. The back of the cone housing is dust-proofed and the center leather spider is solid with no perforations. Neither will climatic conditions affect the speaker since both cone and spider are moisture proof.

Equipped with input transformer having impedances of: 10 (directly to voice coil) 500, 1000, 1500 and 4000 ohms. This permits matching several speakers to an amplifier without using additional matching transformers. Conservative maximum handling capacity 15 watts. Field resistance 3000 ohms for operation on 220 to 275 V. D. C. at 75 to 90 Ma. Other resistances may be had on special order. Max. field dissipation 25 watts; min. 16 watts. Field can be operated on A. C. by using the field supply described on this page. Shpg. wt. 42 lbs.

XW19372—Model 309. Dimensions 12 $\frac{1}{4}$ " wide, 9" deep, 12 $\frac{1}{4}$ " high. **\$28.52**
List \$48.50
Your Cost.....

MODEL 319

Similar to 309, the only essential difference being that the power handling capacity is somewhat less... 10 watts. Field resistance 3500 ohms. Max. dissipation 20 watts, min. 12 watts. Shpg. wt. 30 lbs.

XW19373—Model 319. Dimensions: 12 $\frac{1}{4}$ " wide, 8-1/6" deep, 12 $\frac{1}{4}$ " high. **\$22.05**
List \$37.50
Your Cost.....

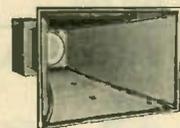
Field Supplies

PA 25 supplies one 1800 ohm or two 3500 ohm fields. Output 250 V. at 140 amps. Uses one 5Z3 or 83 tube. 7" long, 6 $\frac{1}{2}$ " high, 3 $\frac{1}{2}$ " wide. Shpg. wt. 10 lbs. Tube included.

W19282—List \$23.00
Your Cost..... **\$13.52**

PA 26 supplies one to three 1800 ohm or one to six 3500 ohm fields in parallel. Output 250 V. at .5 amperes. Two 5Z3 or 83 tubes used. Dimensions 8x6 $\frac{1}{4}$ x6". Shpg. wt. 18 lbs.

XW19283—List \$32.75
Your Cost..... **\$19.45**
With Tubes.....

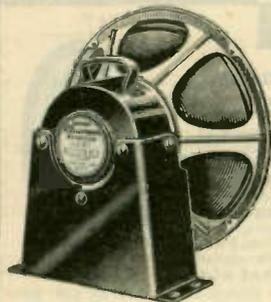


Flare Horn

Wide flare allows sound to cover a large area. Special non-resonant material. Reinforced with metal corners. Guaranteed for outdoor use. Length

48". Bell 30x21 $\frac{1}{2}$ ". Excellent for theater use, one horn being ample for a four hundred seat house. Shpg. wt. 60 lbs. **\$25.50**
XV19834—Your Cost.....

JENSEN Ortho-Dynamic Reproducers



The new Jensen Ortho-Dynamic models are a distinct improvement in loud speaker design and are exceeded only in all around ability by the Auditorium models. Careful design and precision manufacture combine to produce a speaker that is fully 250% more efficient than the ordinary speaker in the relation of output in acoustical measurement to electrical output. Field coils dissipate 15 watts normally. Maximum recommended is 20 watts. Made in both D. C. and A. C. types. 110 V. D. C. field resistance is 800 ohms. A. C. types are for operation from 110 V. 50 to 60 cycle current.

Voice coil impedance is 5.4 ohms. These models will handle 12 watts continuously with a peak input of 18 watts. Frequency response is unusually uniform from 30 to 5500 cycles. Finished in black and aluminum. A. C. models use 280 rectifier tube and come complete with tube. Shpg. wt. D. C. models 25 lbs.—A. C. 35 lbs.

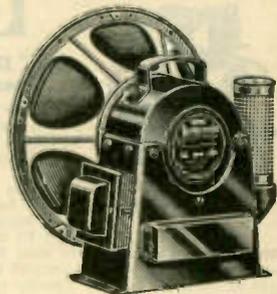
XW19256—110 V. D. C. **\$25.03**
List \$36.50
Your Cost.....

XW19260—110 V. A. C. **\$36.70**
List \$53.50
Your Cost.....

Ortho-Dynamic Models are available with either of two types of input transformers. Regular is center tapped and has an impedance 4000 to 6000 ohms suitable for most tubes. Line is for 500 ohm lines. When ordering state type desired.

JENSEN Auditorium Models

In sound output these new Auditorium Speakers are 400% more efficient than the conventional type. They are fully capable of handling continuously 20 watts of energy, but the sound output from 20 watts electrical input is at least three times greater than that from other cone area. Construction and performance are beyond comparison. Dimensions: Overall width 13 $\frac{1}{2}$ ", height 13 $\frac{3}{4}$ ", depth 8 $\frac{1}{2}$ ". Baffle opening 12". Shpg. wt. D. C. 48 lbs.—A. C. 56 lbs.



FOR 110 VOLTS A. C.

XW19246—
List \$76.50
Your Cost..... **\$52.47**

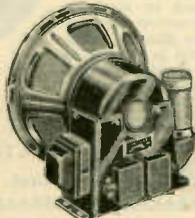
(A. C. Models use the new '82 mercury vapor rectifier, and are priced with tube.)

FOR 110 VOLTS D. C.

XW19248—
List \$51.50
Your Cost..... **\$35.33**

Auditorium Models are available with either of two types of input transformers. Regular is center tapped and has an impedance of 4000 to 6000 ohms suitable for most tubes. Line is for 500 ohm lines. When ordering state type desired. Models listed above are made in three types—"M" for general use; "V" for voice reproduction; and "L" is a new type especially intended for use with tweeter or high frequency speakers. State type desired.

JENSEN Concert Models



12" diameter cone. 18 watt max. field. D. C. models may be had any field resistance desired. A. C. models are for 60 cycle 110 V. Voice coil—8 ohms. Shpg. wt. 35 lbs.

XW19370—A. C. Concert. **\$28.47**
List \$41.50—Your Cost.....

XW19371—D. C. Concert **\$17.15**
List \$25.00. Your Cost.....

Above prices are less output transformer—if transformer is desired add \$1.03 to above prices and specify type.

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

ROLA DYNAMIC SPEAKERS

Type F4-5" Dynamic

Type F4 speaker is a special 5" model designed mainly for use in midget receivers. Constructed of high grade materials. Frequency response exceptionally fine. Has standard 3000 ohm field. Furnished with output transformers as listed below. Shpg. wt. 3 lbs.

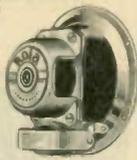
XW19115—For Single 45, 50, 71A.

XW19116—For Single 38, 43.

XW19117

For Single 46, 47, 2A5.

Your Cost, Any Type.....



\$2.95

Type F5-6" Dynamic

Similar in every respect to the above, but will handle greater output due to its larger size. 2500 ohm field. Shpg. wt. 4 lbs.

XW19118—For Single 45, 50, 71A.

XW19119—For P. P. 45, 50, 71A.

XW19131—For Single 46, 47, 2A5

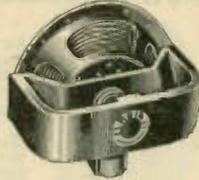
XW19134—For P. P. 46, 47, 2A5.

Your Cost, Any Type.....

\$3.45

Permanent Magnetic Speaker Type PM-8

A permanent magnet dynamic speaker, which for sensitivity, tone fidelity and power handling ability is the equal of the finest electro-magnet energized type. Employs many new features, including new dome center shield which prevents entry of dust into the air gap, and new particle proof acoustic filter and corrugated diaphragm type centering member which protects voice coil. Outside diameter 8 3/4". Special transformers available on order. Shpg. wt. 9 lbs.



XW19346—P. P. 45, 50, 71A.

XW19347—P. P. 46, 47, 2A5.

Your Cost, Any Type.....

\$6.90

Rola speakers are available with special transformers and field coils. Prices on request.

Type K7-9 3/4" Dynamic

Unsurpassed for use in the large console receivers. Will handle 6 watts of power. Has a 2500 ohm field and is furnished with an output transformer as listed below. Shpg. wt. 12 lbs.

XW19338—For Single

45, 50, 71A.

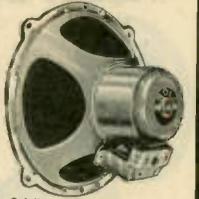
XW19339—For P. P.

45, 50, 71A.

XW19340—Single 46, 47, 2A5.

XW19341—For P. P. 46, 47, 2A5.

Your Cost, Any Type.....



\$4.95

Type K9-11" Dynamic

Similar to the above in appearance. Will handle 10 watts. Shpg. wt. 13 lbs.

XW19342—For Single 45, 50, 71A.

XW19343—For P. P. 45, 50, 71A.

XW19344—For Single 46, 47, 2A5.

XW19345—For P. P. 46, 47, 2A5.

Your Cost, Any Type.....

\$6.25

BBL Magnetic Speaker

The finest magnetic speaker available. Will handle large output without rattling. Reproduces the entire tonal range with life-like fidelity. Diameter 9 1/4". Impedance 7000 ohms at 1000 cycles; D. C. resistance 1000 ohms. Shpg. wt. 7 lbs.

XV19133—\$2.45

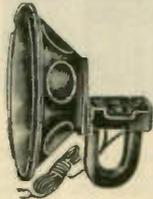
Your Cost.....

The above speaker is available in the beautiful walnut cabinet shown at the left. Cabinet has paneled front with dull gold grill cloth. Size 13x11x7 1/2". Shpg. wt. 4 lbs.

XW19177

Your Cost, Special.....

\$4.25



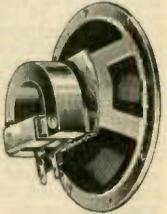
Balanced Armature Magnetic Speaker Chassis

A permanent magnet speaker having unusually powerful magnets and a balanced armature that provides double ended action making it very sensitive and eliminating the need for any great amount of amplification. Cone is of specially processed pressed paper. Will handle considerable volume without rattling or distorting. Pressed steel frame. Tone quality is especially fine throughout the audio frequency range; both low and high notes are reproduced with life-like fidelity. Shpg. wt. 7 lbs.

XW19119-9" cone.

Your Cost.....

\$1.95



Special 6" Dynamic Speaker

A real bargain in speakers. This midget dynamic is exceptionally well constructed and shows a fine frequency response. Tone quality is full and natural, with both highs and lows faithfully reproduced. Has a standard 1800 ohm field coil. Employs ridged pressed paper cone with scientifically designed spider. All metal parts finished in bright cadmium plate. Shpg. wt. 4 lbs.

XW19131—Less Output Transformer

Your Cost, Special.....

XW19124—With Output Transformer for Single 47 or

4A5. Your Cost, Special.....

95¢

\$1.39

Balanced Armature Magnetic Speakers Midget Models

Similar to the above in all respects except size. These speakers are excellent for use in midget and A. C.-D. C. receivers. They are also fine for extension speakers on any set since they do not require field excitation being of the magnetic type. Shpg. wt. 2 lbs.

XW19121-3" Cone

Your Cost.....

\$1.20

XW19152-5" Cone.....

XW19199-6" Cone.....

Your Cost.....

Your Cost.....

\$1.25

\$1.45



OXFORD Speakers

8 1/2" Dynamic Speakers A. C.—D. C.

These speakers will handle a continuous output of 6 watts. Finished in bright cadmium plate A. C. model has built in field supply using a type 80 tube. D. C.

model has a standard 2500 ohm field. Transformers available for any output tubes as per note at bottom of page. Specify type desired. Shpg. wt. 15 lbs.

XW19291

A. C. Model, Less Tube.

Your Cost.....

XW19292—D. C. Model.

Your Cost.....

\$5.75

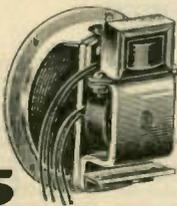
\$2.75

A. C.—D. C. Compact Model

Especially designed for use in Universal midgets. Will handle large output without distorting. Has standard 3000 ohm field and is furnished with transformer for single 38 or 43 tube. Size 5x4 1/2x2 1/2". Shpg. wt. 5 lbs.

XW19293—\$1.75

Your Cost.....



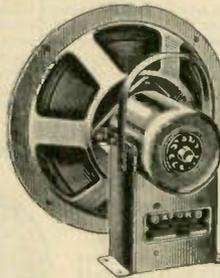
11" Class "B" Dynamic Speaker

Because of its ability to handle large amounts of undistorted output, this speaker is ideally adapted for use with public address or centralized radio systems. Workmanship and materials used in its construction are of the finest. Large field is wound to a standard resistance of 2500 ohms. Output transformers are available to match various types of tubes as listed in note at the bottom of this section. Size 11" wide, 6 3/4" deep, 11 1/2" high. Shpg. wt. 17 lbs.

XW19289—Your Cost.....

\$4.75

Oxford speakers listed on this page are furnished for: Single 38, 43; Single and Push-Pull 71A, 45, 47, 59, 59 Class B, 89 Class A, 79, 53, 2A3, 2A5, 2B6, Parallel 38, 47, 45. Specify type desired when ordering.



11" Junior Model

Has proven very popular for use in radio receivers, small and medium sized amplifiers, etc. Has excellent frequency response and will handle large output without distortion. Field resistance 2500 ohms. Can be furnished with transformer to match any tubes as per note at bottom of page. Specify type desired. This speaker is an excellent value. Construction is rigid and all metal parts are heavily cadmium plated. Shpg. wt. 13 lbs.

XW19290

Your Cost.....

\$3.49

Special 6" Midget Model

For Midget and Auto receivers. 6-volt or 2500-ohm fields. Furnished with output transformers as in note below. Specify type desired when ordering. Ruggedly built for auto use. Finished in cadmium plate. Shpg. wt. 8 lbs.

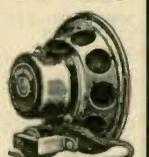
XW19166—2500 ohms.

XW19122—6-volt field for Auto sets.

Your Cost.....

Either Type.....

\$1.89



SPEAKER REPLACEMENT PARTS

Replacement Cones for Standard Speakers

| Stock No. | Set or Speaker | Outer Diam. | Your Cost |
|-----------|--|-------------|-----------|
| XW19501 | Atwater Kent 43, 46, 55, 60, 65, 66, 67, 64 | 10 3/4" | \$1.55 |
| XW19502 | Atwater Kent, 80, 82, 84, 55B, 627, 87, 90, 92, Early models 83, 85 | 8 3/8" | 1.40 |
| XW19611 | Baldwin (Head Supplied) | 9" | 1.60 |
| XW19505 | Bosch 48-58 | 9 3/8" | 1.60 |
| XW19612 | Bosch | 7" | 1.40 |
| XW19613 | Brunswick 10 | 8" | 1.40 |
| XW19614 | Brunswick D | 8" | 1.45 |
| XW19615 | Brunswick 11, 12, 15, 16, 18, 33 | 12" | 1.75 |
| XW19616 | Brunswick E | 8" | 1.45 |
| XW19512 | Colonial 33-LL, 18 | 12 1/4" | 1.75 |
| XW19578 | Colonial 34-35 | 12 1/4" | 2.55 |
| XW19579 | Colonial 36 | 10" | 2.25 |
| XW19617 | Crosley M45 | 9" | 1.45 |
| XW19513 | Crosley 40S | 9" | 1.45 |
| XW19618 | Earl Inductor Dynamic | 10" | .95 |
| XW19514 | Edison R4-5-7-8 | 11 1/4" | 1.70 |
| XW19515 | Eveready | 10" | 1.45 |
| XW19516 | Eveready | 12 1/4" | 2.25 |
| XW19517 | Freed-Eiseman NR 80-95 | 10" | 1.40 |
| XW19559 | General Electric 31, 51, 71, 120, S22 | 10 1/4" | 1.40 |
| XW19584 | Jensen D4, D5 | 9 1/4" | 1.75 |
| XW19519 | Jensen D7, D8 | 11 1/4" | 1.65 |
| XW19622 | Jensen D11 | 8 1/4" | 1.35 |
| XW19625 | Jensen D9, Inner Spider | 11 1/4" | 1.40 |
| XW19623 | Magnavox 142 | 9 1/4" | 1.45 |
| XW19624 | Magnavox 143 | 11 1/4" | 1.65 |
| XW19625 | Magnavox 144 | 7 1/4" | 1.45 |
| XW19361 | Magnovox 154 | 8" | 1.25 |
| XW19530 | Majestic G1 | 9" | 1.18 |
| XW19531 | Majestic G2 | 9" | 1.25 |
| XW19532 | Majestic G3, G4 | 10" | 1.25 |
| XW19646 | Majestic G6, G7 | 10" | 1.35 |
| XW19533 | Majestic G5, G8, G9 | 12" | 1.29 |
| XW19647 | Majestic G13, G14 | 12" | 1.30 |
| XW19626 | Majestic G10 | 8 1/4" | 1.18 |
| XW19587 | Majestic G11 | 9 1/4" | 1.35 |
| XW19590 | Majestic G19 | 10" | 1.18 |
| XW19547 | Philco 20, 70, 90 small | .02996 | .70 |
| XW19400 | Philco 40, 41, 65, 76, 77, 95, 96, 111, 112, 90 large | 36-3170 | .85 |
| XW19401 | Philco 47, 71 | 36-3159 | .50 |
| XW19552 | Philco 50, 51 small, 80, 81 | 02861 | .62 |
| XW19553 | Philco 50, 51 large | 02887 | .69 |
| XW19537 | Oxford 2 and 3 point Spider | 10" | 1.60 |
| XW19402 | Oxford | 8 1/4" | 1.45 |
| XW19628 | Oxford 7, 72, 70, 82, 83, 85, 86, 92, 93, 96, 97, 98, 99, 100, 101, 104, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 124, 128, 129, 139, 148 | 12 1/4" | 1.75 |
| XW19543 | Peerless Copper Coil | 14 1/2" | 3.10 |
| XW19542 | Peerless Copper Coil | 12" | 2.30 |
| XW19541 | Peerless Copper Coil | 10 3/4" | 2.20 |
| XW19540 | Peerless Copper Coil | 8 1/2" | 1.80 |
| XW19544 | Peerless Copper Coil wire wound | 8 1/2" | 1.80 |
| XW19545 | Peerless Copper Coil wire-wound | 10 3/4" | 1.90 |
| XW19546 | Peerless Copper Coil wire wound | 14 1/2" | 2.90 |
| XW19639 | Rola | 6" | 1.25 |
| XW19640 | Rola F5 | 6 1/4" | 1.35 |
| XW19648 | Rola F6, F8 | 6 3/4" | 1.60 |
| XW19560 | Rola Series F and K | 8" | 1.55 |
| XW19641 | Rola K9 | 11" | 1.60 |
| XW19596 | Stewart-Warner 900 Series | 9" | 1.60 |
| XW19597 | Stewart-Warner 950 Series, 445A | 9" | 1.60 |
| XW19565 | Temple Auditorium | 14" | 2.45 |
| XW19629 | U. S. Apex Gloritone 26 | 8 1/2" | 1.18 |
| XW19642 | U. S. Apex Gloritone | 10" | 1.75 |
| XW19570 | Utah Stadium 66A | 12" | 1.90 |
| XW19571 | Victor RE32, 45, 75, 52 | 9" | .90 |
| XW19574 | Zenith 52, 72, 50, LL18 | 12 1/4" | 1.75 |

Genuine WRIGHT DECOSTER Speaker Cones

| Stock No. | Model Cone No. | Model Cone No. | Stock No. | Model Cone No. |
|-----------|----------------|----------------|-----------|----------------|
| XW19658 | 107 10" | XW19724 | 305 12" | |
| XW19659 | 107 12" | XW19725 | 315 12" | |
| XW19711 | 207 12" | XW19726 | 325 12" | |
| XW19712 | 205 12" | XW19727 | 425 12" | |

List Price Each \$8.25
Your Cost, Any Type **\$4.95**

Genuine RCA-VICTOR Replacement Speaker Cones

Wholesale Radio Service Company, authorized distributors of genuine RCA-Victor factory replacement parts, is now able to offer the servicemen a complete line of original speaker cones. Consult listing below for most popular numbers. If you cannot find what you want, we can get it for you at a 40% discount.

XW19403—For RCA 106 Speaker. Used in models 34, 35, 39, 41 A. C., 41 D. C., 46, 47, 66, 62, 64, 67, 50, 55, 59, 80, 82, 86, RE20, RE59 and RAE79, RCA part No. 8558. **\$1.20**

Your Cost Each
XW19404—For models R6, 7, 8, 9, 10, 11, 12, RE18, RE19, 21, 14, 15, 17, 42, 48, RCA part No. 8601. **90c**

Your Cost Each
XW19405—For Victor models 32, 45, 52, 75, RCA No. 10801. **\$1.20**

Your Cost Each
XW19406—For R28, 28P, RE40, R22, 100, 101, 110, 111, 114, 115, 300, 301, RCA No. 8987. **60c**

Your Cost Each
XW19407—For R5, R5X, R5 D. C., RCA No. 7236. **60c**

Your Cost Each
XW19408—For R17M, R27 (Magnetic), RCA No. 7594. **60c**

Your Cost Each
XW19409—For R18W, R27 (Dynamic), RCA No. 7598. **53c**

Your Cost Each
XW19410—For R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310, RCA No. 9428. **60c**

Your Cost Each
XW19209—Each **75c**
For 100-B and 103 RCA No. 8359.

XW19210—Each **75c**

Field Coil for Victor Speaker
Exact duplicate replacement for Victor Speakers used in model receivers, R-32, R-52, RE-45 and RE-75. Can also be used in other speakers, 3,000 ohms, D. C. resistance. Size 3 1/2" long, 3 1/2" over-all diameter. Hole, 2 1/4". Shpg. wt. 9 lbs. **\$1.95**

XW19486—Your Cost **\$1.95**

For 104, 105 and Photophone Speakers
The Genuine R. C. A. part. D. C. resistance 1000 ohms; 100 volts at 100 M. A. Size 4" long, 4 1/4" overall diam. and 2" hole diam. Shpg. wt. 13 lbs. **\$3.95**

XW19457—Your Cost **\$3.95**

R. C. A. Magnetic Speaker Coils
Part No. 708. Used in R. C. A. 30, Victor Combinations, and 100 speakers. Also W. E. 540 A. W. Size 1 1/2" O. D. 1/2" thick, 3/8" hole. **XW19201**—Your Cost **29c**

Apex—Gloritone—U. S. Radio and Television and Montgomery Ward

For Chassis 26. Original part. 11500 ohms tapped at 9040. Three different sized coils used. Specify types as shown below. Shpg. wt. 2 lbs.

XW19450—2 3/4" dia., 1 1/2" deep, 1 1/4" hole. Your Cost **95c**

XW19655—2 1/4" dia., 3/8" deep, 7/8" hole.

XW19656—2 1/4" dia., 1 1/8" deep, 1 1/4" hole. Your Cost Any Type **\$1.60**

Replacement Field Coils

| Stock No. | Set or Speaker | Ohms | Your Cost |
|-----------|--|-------|-----------|
| XW19680 | Airline 8" | 1800 | \$2.95 |
| XW19681 | Airline 8" tapped | 1800 | 3.25 |
| XW19431 | Atwater Kent 53, 55, 65 | 650 | 2.50 |
| XW19495 | Atwater Kent 53, 55, 65 | 1100 | 2.60 |
| XW19414 | Atwater Kent 53, 55, 65 | 1700 | 2.75 |
| XW19668 | Brunswick 16 | 2500 | 1.35 |
| XW19418 | Colonial 33 A. C. | 6000 | 2.15 |
| XW19419 | Colonial 33 D. C. | 550 | 1.90 |
| XW19422 | Crosley M45 | 1500 | 2.60 |
| XW19423 | Crosley M45 | 2500 | 2.90 |
| XW19682 | Crosley 8 1/2" | 2500 | 2.90 |
| XW19683 | Crosley 8 1/2" | 7500 | 3.50 |
| XW19684 | Crosley Isodyne | 2500 | 3.10 |
| XW19685 | Crosley Isodyne | 7500 | 1.95 |
| XW19686 | Crosley Model 58 | 10000 | 3.75 |
| XW19669 | Edison | 4500 | 3.25 |
| XW19687 | Fada | 10000 | 4.30 |
| XW19688 | Gloritone 8" tapped | 1800 | 2.95 |
| XW19428 | Jensen D4, D5 | 2250 | 1.95 |
| XW19429 | Jensen D7, D8 | 1500 | 2.65 |
| XW19431 | Jensen D9, D15 | 550 | 1.90 |
| XW19432 | Jensen D9, D15 | 1000 | 1.49 |
| XW19433 | Jensen D9, D15 | 1650 | 1.70 |
| XW19435 | Jensen D9, D15 | 1800 | 1.70 |
| XW19436 | Jensen D9, D15 | 2500 | 1.55 |
| XW19437 | Jensen D12 | 2300 | 1.23 |
| XW19490 | Koister International | 100 | 1.95 |
| XW19496 | Koister K43, K44, K70 | 900 | 2.94 |
| XW19694 | Lyric 9" | 3000 | 2.40 |
| XW19695 | Lyric 9" | 10000 | 3.98 |
| XW19670 | Magnavox 9" medium | 2500 | 2.20 |
| XW19671 | Magnavox 9" Large | 7600 | 2.85 |
| XW19672 | Magnavox early models | 2250 | 2.70 |
| XW19673 | Magnavox 8 1/2" | 650 | 2.95 |
| XW19674 | Magnavox 8 1/2" | 2500 | 3.25 |
| XW19675 | Magnavox 11" | 650 | 2.98 |
| XW19676 | Magnavox 11" | 2500 | 3.35 |
| XW19446 | Majestic G1, G2 | 2730 | 3.25 |
| XW19657 | Majestic G4 | 7650 | 2.50 |
| XW19448 | Majestic G5 | 1000 | 1.65 |
| XW19677 | Majestic G6, G20 | 1000 | 3.60 |
| XW19678 | Majestic G3 | 2750 | 3.45 |
| XW19449 | Newcomb-Hawley | 2500 | 2.65 |
| XW19455 | Newcomb-Hawley | 7600 | 3.30 |
| XW19456 | Philco 65, 76, 77, 86, 87, 95, 96, 111 (Philco No. 2850) | | 2.70 |
| XW19458 | Philco 20, 21 (Philco No. 2768) | | 1.20 |
| XW19459 | Philco 50, 51, 52 (Philco No. 02942) | | 1.35 |
| XW19460 | Philco 70, 470 (Philco No. 02966) | | 1.62 |
| XW19461 | Philco 90, 112 (Philco No. 02988) | | 3.60 |
| XW19471 | Rola C | 1500 | 2.45 |
| XW19474 | Rola FK | 1800 | 1.50 |
| XW19475 | Rola FK | 2500 | 1.41 |
| XW19696 | Silver-Marshall 30 | 1500 | 3.25 |
| XW19679 | Stewart Warner 950 | 10000 | 3.95 |
| XW19481 | Stromberg-Carlson | 2500 | 2.05 |
| XW19482 | Stromberg-Carlson | 7500 | 2.75 |
| XW19667 | Steinitz | 15 | 2.45 |
| XW19484 | Temple All Models | 2250 | 2.75 |
| XW19698 | Utah Stadium | 2500 | 3.75 |
| XW19699 | Utah 8" tapped | 1800 | 2.70 |
| XW19652 | Utah Midget | 2500 | 1.95 |
| XW19486 | Victor RE-32-45-75 | 3000 | 1.95 |
| XW19653 | Westinghouse WR-5-6-7 | 1250 | 3.30 |
| XW19654 | Westinghouse WR-8 | 1330 | 2.30 |
| XW19489 | Zenith | 2500 | 2.80 |
| XW19488 | Zenith 52 Special | 2500 | 2.75 |
| XW19487 | Zenith 52 | 550 | 2.70 |

Radio Repair Cement Kit

An efficient Radio Repair Cement Kit for Speaker Cones; Voice Coils, R. F. Coils and Chokes. One bottle of all purpose cement, and one bottle of thinner to use with cement.

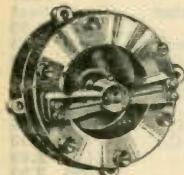
XW19499—Complete with handy brush. Your Cost **45c**

Speaker Cone Centering Shims

Flexible celluloid shims that will last indefinitely. Sixteen shims in a handy leatherette folder. Contains four each of the following sizes: .0125", .010", .0075" and .005". Takes care of all speakers. **XW19649**—Your Cost **36c**

Lafayette MICROPHONES

Model "Fifty"



A new and improved model of this excellent and popular Lafayette microphone. Broadcast type, has stretched dural diaphragm only .002" in thickness. Frequency response is from 60 to 5700 cycles. Buttons are standard 200 ohms each. The model 50 microphones have proven their worth in many types of work under various conditions and this new model is bound to be even more popular due to the many refinements in its construction. Finished in highly polished nickel. 2 1/2" in diameter, 1 1/4" in thickness. Shpg. wt. 2 1/2 lbs.
XM13421—List Price \$50.00
Your Cost \$19.95

Lafayette Desk Stands



A very neat appearing stand of satin finish white metal with die cast ring and weighted base. Ring is 7" in diameter; base is 5" in diameter. Overall height 13 1/2". Neither of these types are adjustable. Shpg. wt. 6 1/2 lbs. Stand only.
XM13427 Your Cost \$3.50

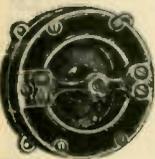
This desk stand is cast entirely in one piece. Ring is 4 1/2" in diameter, and mounts the microphone in the standard 4 point method. Base is drilled to take standard microphone cable. Soft bronze finish. Height 7 1/4". Shpg. wt. 3 lbs.



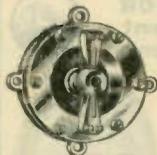
XM13495—Your Cost \$1.65

XM13381—Similar to above but with removable ring for suspension mounting. Chromium finish. Ring 6" diameter will fit all large mikes. Shpg. wt. 3 lbs.
Your Cost \$2.40

Thutest Carbon Microphone

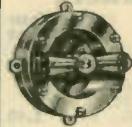


An outstanding big value in a two-button carbon microphone. The largest microphone made of the finest materials you have ever thought possible at such a low price. It is BIG—3 1/2" in diameter and 2" thick. Frequency response is exceptionally good. Two standard 200-ohm buttons and pure gold spot diaphragm. Finished in highly polished chromium plate. You must see and hear this microphone in order to appreciate its real value. Shpg. wt. 4 lbs.
XM13384—Your Cost \$4.40



Model "Twenty-Five"

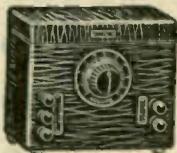
A very efficient two-button carbon Microphone which will give entirely satisfactory service in less critical public address installations. Frequency response, 70 to 4000 cycles. Resistance, 200 ohms per button. Heavy chromium plated brass frame. Special alloy diaphragm with 24Kt. gold contact points. Size 3" diameter, 2" thick. Shpg. wt. 4 lbs.
XM13420—List Price \$25.00
Your Cost Each \$9.95



Model "Twelve"

An exceptionally fine microphone at this low price. An excellent mike for use in the amateur station, either portable or fixed. Two-button carbon type with dural diaphragm having pure gold spot centers. Highest grade carbon granules are used. Buttons are standard 200 ohms each. Scientifically damped for high quality voice reproduction. Bright nickel finish. Extremely rugged construction. 2 1/4" diameter. Shpg. wt. 2 lbs.
XM13392—List Price \$11.50
Your Cost \$4.85

LAFAYETTE Input Stages



Double Button

For two button microphones and consists of potentiometer volume control, transformer, switch and a battery receptacle enclosed in a wooden cabinet 4x6 1/2x5 1/2". For matching any two-button microphone to filament and grid of tube if connected to amplifier or phonograph jack. The volume control is across the secondary of the transformer. Box finished in black leatherette. Equipped with 6 ft. shielded cable and full directions. Shipping weight 5 lbs.
XM13487—List Price \$12.50
Your Cost \$5.75

Single Button

Similar to above; for all single button microphones. Shpg. wt. 4 lbs. 3 1/2x6x3 1/2".
XM13488—List Price \$8.00
Your Cost \$3.75

Tone Control



A vital necessity in every P. A. installation; used with any microphone. Extremely high pitched voices may be toned down and deep gruff voices modified to a higher frequency. Valuable in case of feed back. 2 1/2x5x2 1/2". Shpg. wt. 2 lbs.
XM13489—List \$6.50
Your Cost \$2.75

LAFAYETTE Desk Stand



A Desk Stand De Luxe. This stand has a grace and dignity setting it apart from the average desk stand. Finished in satin silver and black. It is 9" high with a 6" ring. A base of sufficient size insures steadiness. Shpg. wt. 10 lbs.
XM13430—Your Cost \$4.45



No. 1

Has standard set screw adjustment. Extends from 45 to 72".

Stand No. 3 represents phenomenal value at the price offered. Impressive in size and neat in appearance. Satin silver finish. Extends from 42 to 72".

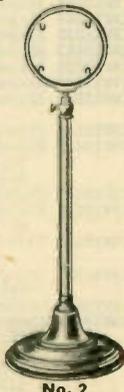


No. 3

XM13530—Stand No. 1. Shpg. wt. 25 lbs.
Your Cost \$11.95

XM13431—Stand No. 2. Shpg. wt. 30 lbs.
Your Cost \$9.45

XM13428—Stand No. 3. Shpg. wt. 17 lbs.
Your Cost \$5.75



No. 2

Lafayette

Pre-Amplifier

- Average Gain 20 db.
- AC or Battery Operation

The Lafayette Pre-Amplifier provides the additional amplification required with many low level input devices. It has an average gain of 20 db. and is operated either from AC or from a 6-volt battery. Plate current is obtained from the amplifier or if necessary from a separate "B" eliminator. Specify type when ordering. A gain control permits regulating the degree of amplification. This control is of special design and is usually quiet in operation. A tone control is also provided. A changeover switch permits rapid changing from microphone to phono-pickup terminals for which are provided on the rear of the pre-amplifier. A button current battery is self-contained. Size 10x7 1/4x5 1/4". Shpg. wt. 10 lbs.

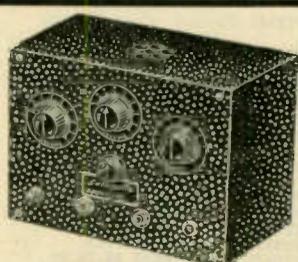
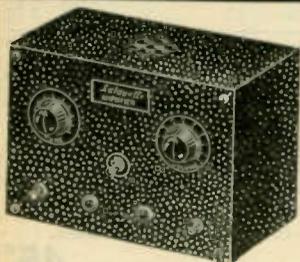
XP15935—For Carbon Mike
XP15920—For Crystal Mike
Your Cost, Either Type, with Tube \$12.50

Phono-Radio-Mike Control Box

- Self contained Mike Current Supply

A neat compact inexpensive unit for controlling the input to an amplifier from either a phonograph pickup—a radio receiver—or a microphone. Each input has its own individual volume control. Radio input is high impedance up to 600,000 ohms; phono-pickup input is high impedance up to 10,000 ohms; microphone input for microphones or any input device having impedances of 200-400 or 500 ohms. A microphone button current battery is contained in the case and jacks are provided for plugging in a meter to read button current. A selector switch permits selecting any of the three inputs at will. A separate switch and pilot light controls the button current supply. Dimensions are 10x7 1/4x5 1/4". Shpg. wt. 10 lbs.

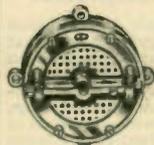
XM13520—Complete with battery and 3 shielded leads.
Your Cost \$9.75



UNIVERSAL MICROPHONES



UNIVERSAL Model "BB"

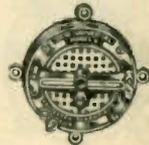


The most popular double-button public address microphone in America. Nearly twice as heavy as any other microphone in its class. Built to hairline precision. An idea of its ruggedness can be obtained by the fact that model "BB" is 3" in diameter and 2" thick. Built especially for voice pick-up, public address work and for amateur broadcasters, etc. Will give excellent results when used for recording purposes. Beautifully finished in highly polished chrome plate. 24K pure gold spot centers. Frequency response 50 to 5000 cycles. 200 ohms per button. Shpg. wt. 3 lbs.

XM13405—List Price \$25.00
Your Cost Net

\$14.50

UNIVERSAL Model "X"



A very fine Microphone at a very reasonable price. Available in either single-button or two-button types. Resistance 200 ohms per button. May be mounted in any position. Scientifically damped, laboratory tested. Duralumin diaphragm, pure gold contact points. Frequency response 100 to over 4000 cycles. Suitable for public address systems, amateur stations, etc. Beautifully finished in polished chrome plate. Shpg. wt. 3 lbs.

XM13412—Single-button Model X. List Price \$7.50

Your Cost
XM13413—Double-button Mode X. List Price \$10.00
Your Cost

\$4.41

\$5.88

UNIVERSAL Model "LL"



Extra rugged two-button broadcast Microphone. Of high carbon steel ground to within .001 of an inch accuracy. Diaphragm is of alloy of the proper hardness and stretch to secure best results. Pure gold contact points on each side. Materials used and precision manufacture make this model stand out as the superlative microphone, reproducing a range from 30 to 7000 cycles. 3 1/2" diameter, 1 3/4" thick. Shpg. wt. 3 1/2 lbs.

XM13403—List Price \$60.00
Your Cost Each

\$35.28

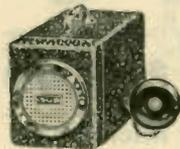
UNIVERSAL Model "KK"

A substantial two-button Microphone with a very low hiss. It is carefully constructed of the finest materials with a 24K pure gold spot center alloy diaphragm held under tension. Diaphragm thickness is only .002". Frequency range is from 40 to well over 6000 cycles. Buttons are standard 200 ohms each. Entire microphone is finished in 24K polished gold. It is 2 1/2" in diameter and 1 1/4" thick. Each unit is carefully tested before shipment. Shpg. wt. 2 1/2 lbs.

XM13404—List Price \$40.00
Your Cost Each

\$23.52

UNIVERSAL Hearing Aid



Two stage amplifier using 230 tubes, 11 in. by 5 1/2 in. by 7 1/4 in. weight without batteries 5 1/2 lbs., with batteries 16 1/2 lbs. Up to 10 single earphones can be connected at one time. For churches, schools, etc. Utmost in quality and volume. Large size batteries permit consistent long time use, minimum of battery upkeep expense. Comes complete with special Universal microphone and featherweight headphones. Prices on additional headphones quoted on request. Shpg. wt. 8 lbs.

XM13512—List \$48.00
Your Cost

\$28.22

Three Channel Mixer

A compact, portable perfectly engineered mixer to handle three two-button or single-button Microphones or Condenser Microphones, low impedance pickups, or standard telephone (remote) lines or any combination of the above. The fading or blending is accomplished by the use of three mixing transformers (Univ. No. 1310) and three constant impedance T pads. Adjustment of one control does not interfere with volume or tone quality of other channels. Feeds into 400-600 ohm line. Size 4x5 1/2x12". Shipping weight 9 lbs.

XM13449—List Price \$36.00
Your Cost Each

\$21.17

UNIVERSAL Model "E" Condenser Microphone

An attractive and highly professional appearing unit for use where absolute absence of hiss or other background noises is essential. Contains a two stage amplifier in a beautifully polished chrome plated cylindrical case. Tubes used in the amplifier are non-microphonic and draw only 1/2 amp. at 6 volts and 4 mls. at 180 volts. The head has automatic barometric adjustment and is completely protected. 25 ft. of shielded rubber covered cable included. Shpg. wt. 17 lbs.

XM13371—List \$60.00
Your Cost

\$35.28

Desk Stand with clamp for tubular section. Shpg. wt. 25 lbs.

XM13372—Your Cost \$3.53
Floor Stand chrome plated. Shpg. wt. 30 lbs.

XM13373—List \$16.00
Your Cost



UNIVERSAL Handi-Mike



An excellent microphone for use with Transceivers and portable P. A. Systems. Scientifically damped. Gold contact faces. For voice will give clear cut reproduction. On and Off switch in handle. Standard impedance. 6" long, 2 1/2" diameter head. Shpg. wt. 2 lbs.

XM13409—Single Button \$5.88

Your Cost
XM13410—Double Button \$8.82

Your Cost

Combination Stand

Three piece telescoping, fully polished nickel plated combination Banquet and Floor Stand. Folds into small space. Light in weight. Eight mike springs included. Height variable from 30 to 66". Ring diameter 6 1/2". Base diameter 7 1/2". Shpg. wt. 8 lbs.

XM13525—List \$10.00
Your Cost

\$5.88



Microphone Repairs

A new service has been installed for the benefit of our customers. Our new microphone repair department is now fully equipped to repair all makes and models of microphones, single and double button carbon mikes, hearing aid mikes, condenser, ribbon and dynamic mikes. Each unit is scientifically adjusted and laboratory tested before shipment. Careful handling and packing. Units polished and new screws installed where needed.

Single Button Carbon Mikes (non-stretched diaphragm). Your Repair Cost \$1.50

2-Button Carbon Mikes (non-stretched diaphragm). Your Repair Cost \$2.50

Single Button Carbon Mikes (stretched diaphragm). Your Repair Cost \$2.50

2-Button Carbon Mikes (stretched diaphragm), under 2 1/4" diameter. Your Repair Cost \$3.50

2-Button Carbon Mikes (stretched diaphragm), over 2 1/4" diameter. Your Repair Cost \$5.00

Condenser Heads, depending on condition. Your Repair Cost \$7.50 to \$15.00

UNIVERSAL Model "G" A. C. Operated Condenser Mike



A complete Condenser Microphone operating entirely from A. C. Requires no batteries. Simply attach to any 110 V. 50-60 cycle A. C. outlet and it is ready to use. Output is -40 db.; greater than that of a carbon microphone. Absolutely no hum or ripple, guaranteed as quiet as batteries. Frequency response from 70 to 7,000 cycles. All features such as barometric adjustment, temperature compensator, shielded diaphragm, etc. Brown crackle finish, 25 ft. rubber covered shielded cable furnished. Tubes not included. Shpg. wt. 20 lbs.

XM13516—List \$84.00
Your Cost

\$49.39

Model "W" Watch "Mike"

Smallest protected single-button microphone manufactured. Full protection against accidental contact with the diaphragm makes it particularly suited for use as a lapel microphone or wherever a compact sensitive unit is needed. Equipped with a pure gold spot diaphragm. Carbon button is of the standard 200 ohm resistance. Size 1 1/4" in diameter, 1/4" in depth. Polished case. Shpg. wt. 3 lbs.

XM13443—List Price \$3.00
Your Cost

\$1.18

UNIVERSAL Model "QRXF"

QRX 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. 8 lbs.

XM13408—List Price \$7.50
Your Cost Each

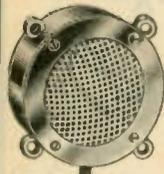
\$4.41

Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.



MICROPHONES AND MICROPHONE ACCESSORIES...

PIEZO-ASTATIC Crystal Mike



Unquestionably one of the finest microphones ever developed. Has found great favor amongst both amateurs and public address system owners. It requires no field or button current—has no hiss—cannot "pack"—may be used in any position and has a high output making unnecessary any great amount of pre-amplification. Due to its high impedance it makes unnecessary the need for a matching transformer thus permitting it to be connected directly to the grid of the amplifier input tube. Case is 3" in diameter and 1" thick and is finished in polished chromium. Diaphragm is screen protected. Complete with 6 ft. shielded cable. Shpg. wt. 2 lbs.

XM13363
Your Cost **\$12.60**

"Ribbon" Microphone

These microphones have an exceptionally fine frequency response. No hiss—require no current. For best results a total gain (pre-amplifier and amplifier) of 125 Db. must be available. The frequency response must also be good. Kit includes all necessary parts except transformer and case. Complete instructions included.

XM13354—Ribbon Microphone completely assembled and factory tested. With case and R.L. transformer. List Price \$25.00.

Your Cost **\$14.70**

XM13353—Ribbon Mike Kit. Shpg. wt. 4 lbs. List Price \$10.00. Your Cost \$5.88

XM13305—Case for Mike. Shpg. wt. 3 lbs. List Price \$6.00. Your Cost \$3.53

Replacement Ribbons for Microphones

XM13369—Standard. Package of 2 ribbons.

Your Cost **30¢**

XM13374—Super-sensitive; package of 2 ribbons.

Your Cost **44¢**

Ribbon Microphone Transformers

Especially designed—high permeability—to match above microphones.

XM13509—R.L. to match ribbon to line.

XM13510—R.G. to match ribbon to grid.

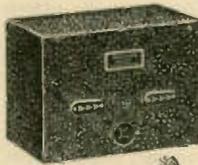
XM13511—L.G. to match line to grid.

XM13354—P.L. to match plate to line. List \$5.00.

Your Cost, Any Type **\$2.94**



Lafayette Wide Range—High Gain Pre-Amplifier



The most unusual high gain A.C. operated pre-amplifier ever developed. Has a gain of 56 Db. from a 200-ohm input to a 200-ohm output, with an output of +5 Db. It is particularly designed for use with ribbon microphones, and similar low level input devices, when used with amplifiers having a gain of over 60 to 70 Db. Special output and input transformers were designed for this amplifier so that the unusual frequency response of -2 Db. at 30 C.P.S. flat within 1/2 Db. from 80 to 6000 C.P.S. and down only -1.5 Db. at 10,000 C.P.S. and only -3 Db. at 17,000 C.P.S. is obtained! A frequency response as good as this has been heretofore unobtainable at any price in a pre-amplifier! Despite the high gain the hum level of the amplifier is negligible—all transformers are mounted in cast permalloy cases to prevent hum and microphone pickup. The chassis housing, tubes, transformers, etc., are completely suspended on sponge rubber. The power transformer in the power supply is particularly designed for this unit and has each individual winding interleaved with a static shield!

The Circuit

Two type 6C6 tubes are used in a special circuit in which one of the 6C6's is used as a screen grid amplifier and the other as a triode. Standard units have 200-ohm input and 200-ohm output but if desired it can be supplied with either 50 or 500-ohm inputs and outputs.

SPECIALLY DESIGNED POWER SUPPLY

The power supply is a separate unit and extreme precautions have been taken to guard against hum. The transformer being of special design as described above and the filter being of the high farad—high henry type. It is designed for operation from any 110-volt, 60-cycle A.C. line. Cases are of 1/8" steel black crystallized finish. Amplifier case 10 1/4 x 7 1/4 x 5 1/2" deep. Power supply 8 1/2 x 6 1/2 x 6 1/2" deep. Shpg. wt. 38 lbs.

XP15949—Lafayette Pre-Amplifier and Power Supply. Complete with tubes.

Your Cost **\$52.50**

NOTE: In order to obtain the finest results possible from a ribbon microphone we particularly recommend the use of this pre-amplifier together with the Lafayette High Fidelity Power Amplifier listed and described on page 73 of this catalog.

SHURE Carbon Microphone Model 3A Double Button



An excellent inexpensive double button carbon microphone for the Ham station or for P.A. systems used chiefly for voice reproduction. Diaphragm has gold spot contact surface. 200-ohm impedance. Frame diameter 2 1/4" Frame thickness 1/2". Screen protected diaphragm. Bright nickel finish. Shpg. wt. 1 lb.

XM13517—List \$6.50.

Your Cost **\$3.82**

"Universal Joint" Microphone Stands For Crystal or Ribbon Mikes



Stand No. 1 is an 8" deskstand equipped with a universal ball and socket joint to fit crystal or ribbon microphones. The joint permits tilting the microphone to any desired angle. A special tightening ring permits locking the joint at any position. Finished in bright polished chrome plate. Base diameter 5 3/4". Shpg. wt. 5 lbs.

XM13526—Your Cost **\$3.75**

BANQUET STAND

XM13527—Similar to the above but can be extended from 15 1/2" to 27". Base diameter 6". Shpg. wt. 7 lbs. **\$5.50**

FLOOR STAND

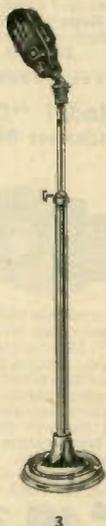
XM13528—**Stand No. 3** similar to the above, but floor type. Can be extended from 37" to 67". Base 9" in diameter. An excellent stand for use in the studio. Highly polished chrome plated. Rigid thumbscrew height adjustment and swivel joint lock nut. Shpg. wt. 14 lbs.

Your Cost **\$7.95**

COMBINATION STAND

Stand No. 4 is not equipped with a universal joint. It is of the spring suspension type. Can be used as desk stand, hand stand, or the ring itself can be suspended. 5" length tubing used as handle or to convert desk stand from 8" height to 12 1/2". Base diameter 5 1/2". Ring 6". Shpg. wt. 5 lbs.

XM13529—Your Cost **\$3.95**



AMERICAN Dynamic Microphone

Now you can obtain all the advantages of a dynamic microphone such as—absence of hiss—elimination of exciting current—rugged construction—excellent frequency response, etc., at a reasonable price. It is ideal for high fidelity amplifier installations, for recording and for transmitting. The frequency response is substantially flat from 50 to 7400 cycles. A special composite diaphragm is used in conjunction with a grooved damping plate. The diaphragm has no resonant points and will respond only to the sound frequencies. Output is 200 ohms making it possible to substitute the mike readily for others at the input to the pre-amplifier. Output level is -75 Db. Diameter 2 1/4", 2 1/2" long. Complete with plug.

XM13397—Shpg. wt. 5 lbs. List \$42.50.

Your Cost **\$24.99**



SHURE Condenser Microphone

A really high quality, modern Condenser Microphone available to Broadcast and Public Address Engineers at a nominal price, with the high sensitivity, the true reproduction, the freedom from hiss and the excellent frequency response found only in the highest priced microphones.

It consists of a high quality, air-damped, stretched diaphragm transmitter head and two stage amplifiers, using two type '30 tubes. The compensating diaphragm equalizes pressure and assures constant performance. Excellent frequency response from 40 to 10,000 cycles. Output level 30 Db. (approximately that of a two-button microphone). Requires 6 volts at 60 M.A., and 180 volts at 3 M.A. from batteries or Shure 41A Power Supply. It connects easily on carbon microphone circuits by omitting central leg of the circuit. Special terminal strip, easily accessible in the tube compartment, provides either 200 or 50-ohm output impedance. Head is chromium plated, and case is finished in double baked black rubber-tone japan. Furnished complete with 12 ft. shielded color coded cable. Adapter included so that unit may be suspended; bottom threaded for attaching to stand. Shpg. wt. 8 1/2 lbs.

XM13507—Microphone complete, including tubes. List \$67.50. Your Cost **\$39.69**

SHURE MODEL 41A POWER SUPPLY

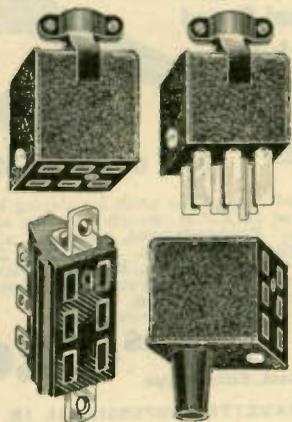
Model 41A Power supply. Designed expressly for use with the Shure Condenser Microphone listed above. This power supply may also be used with other preamplifiers requiring the following voltages and currents. 6 volts at 60 M.A.; 200 volts at 5 M.A. Complete with plug for mike cable, A.C. cord and plug.

XM13508—List Price \$40.00. Your Cost, With Rectifier Tube **\$23.52**

Microphone Cables & Accessories

Heavy Duty Plugs and Sockets

A series of heavy duty multiple contact plugs and sockets made of genuine moulded bakelite with heavily armored metal caps. Very sturdily made and are excellent for use with portable public address systems. Finished in black crackle lacquer. Shpg. wt. 1 lb.



| Plug with Clamp | | |
|-----------------|----------|-----------|
| Stock No. | Contacts | Your Cost |
| XL12400 | 2 | \$0.42 |
| XL12401 | 4 | .51 |
| XL12402 | 6 | .60 |
| XL12403 | 8 | .66 |
| XL12404 | 10 | .75 |
| XL12405 | 12 | .84 |

| Flush Socket | | |
|--------------|----------|-----------|
| Stock No. | Contacts | Your Cost |
| XL12406 | 2 | \$0.51 |
| XL12407 | 4 | .63 |
| XL12408 | 6 | .75 |
| XL12409 | 8 | .90 |
| XL12410 | 10 | 1.02 |
| XL12411 | 12 | 1.17 |

| Socket With Sleeve | | |
|--------------------|----------|-----------|
| Stock No. | Contacts | Your Cost |
| XL12418 | 2 | \$0.63 |
| XL12419 | 4 | .75 |
| XL12420 | 6 | .87 |
| XL12421 | 8 | 1.02 |
| XL12422 | 10 | 1.14 |
| XL12423 | 12 | 1.29 |

| Socket with Clamp | | |
|-------------------|----------|-----------|
| Stock No. | Contacts | Your Cost |
| XL12412 | 2 | \$0.66 |
| XL12413 | 4 | .78 |
| XL12414 | 6 | .90 |
| XL12415 | 8 | 1.05 |
| XL12416 | 10 | 1.17 |
| XL12417 | 12 | 1.32 |

"Twist Lock" Polarized Armored Connectors

A twist of the wrist and they are securely locked together! Cannot pull apart accidentally. Completely armored for protection against breakage. Equipped with clamps for cable. Will take large size wire up to 3/8". Shpg. wt. 1 lb.



| Two Wire Connectors | |
|---------------------|------------|
| XM13175—Male | 38¢ |
| Your Cost | |
| XM13176—Female | 75¢ |
| Your Cost | |

| Three Wire Connectors | |
|-----------------------|------------|
| XM13177—Male | 59¢ |
| Your Cost | |
| XM13178—Female | 99¢ |
| Your Cost | |

| Four Wire Connectors | |
|----------------------|---------------|
| XM13179—Male | 79¢ |
| Your Cost | |
| XM13180—Female | \$1.35 |
| Your Cost | |

"Twist Lock" Receptacle

| Fits standard outlet box. | |
|---------------------------|---------------|
| XM13181—3 Wire | 98¢ |
| Your Cost | |
| XM13182—4 Wire | \$1.40 |
| Your Cost | |

"Twist Lock" Recessed and Base Mount Plugs

For mounting on apparatus and to be used with "Twist Lock" Female Connectors. Recessed type provides flush surface and prevents accidental contacts with prongs. Shpg. wt. 1 lb.



| Two Wire Male | |
|--------------------|------------|
| XM13183—Base Mount | 35¢ |
| Your Cost | |
| XM13184—Recessed | 55¢ |
| Your Cost | |

| Three Wire Male | |
|--------------------|------------|
| XM13185—Base Mount | 45¢ |
| Your Cost | |
| XM13186—Recessed | 75¢ |
| Your Cost | |

| Four Wire Male | |
|--------------------|------------|
| XM13187—Base Mount | 57¢ |
| Your Cost | |
| XM13188—Recessed | 95¢ |
| Your Cost | |

"Twist Lock" Female Receptacle

| Made of porcelain. Shpg. wt. 1 lb. | |
|------------------------------------|------------|
| XM13173—2 Wire, Each | 45¢ |
| XM13174—3 Wire, Each | 79¢ |

3 Way Mike Plug

For quickly connecting double button mikes or any three wire cord. Has a moulded bakelite handle. Contacts are solid brass tinned for easy soldering. Shpg. wt. 1 lb.

XL13521—Your Cost **43¢**

3 Way Jack

For use with above plug.

XL13522—Your Cost **28¢**

3 Way Mike Connector

For use with above plug.

XL13523—Your Cost **37¢**

Truest Carbon Granules

Extra fine quality, same as used in better grade microphones—not adulterated. Contains sufficient granules to refill one two-button microphone. Care must be used in measuring amount for each button. Must not be touched with fingers. Shpg. wt. 1 lb.

XL13481—Your Cost **43¢**

Microphone Springs

These microphone springs are made of the finest grade tempered steel, with formed loop ends.

XL13402—Set of 8 for **20¢**

C-H Mike Connectors

Heavy brass contacts. Three prong plug and socket. Plug has metal cover for protection. Shpg. wt. 1 lb.

XL13399—Plug Your Cost Each **19¢**

XL13398—Socket Your Cost Each **25¢**

9 Ft. 3 Wire Cable

A three wire cable with lugs at one end for use in connecting microphones. Shpg. wt. 1 lb.

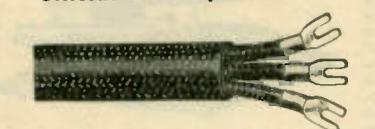
XQ16142—Your Cost Each **15¢**

Truest Shielded Microphone Cable with Armored Connectors



| Stock No. | Size | Shipping Weight | Your Cost |
|-----------|---------|-----------------|-----------|
| XQ16080 | 6 ft. | 1 lb. | \$1.75 |
| XQ16081 | 12 ft. | 2 lbs. | 2.25 |
| XQ16082 | 25 ft. | 3 lbs. | 3.95 |
| XQ16083 | 50 ft. | 5 lbs. | 5.50 |
| XQ16084 | 100 ft. | 11 lbs. | 9.95 |

Shielded 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. Very popular for indoor installations. Cotton covered. Shpg. wt. for 50 ft., 2 1/2 lbs.

XQ16132—

| | | | |
|------------|--------|------------|--------|
| 6 Ft. for | \$0.35 | 25 Ft. for | \$1.15 |
| 12 Ft. for | .60 | 50 Ft. for | 1.90 |

Truest Shielded Microphone Cable



Consists of three conductors color coded in a very closely woven tinned copper shielding with 1/8" outer covering of high percentage rubber. Especially intended for outdoor use. Absolutely weather and abrasion proof. Shpg. wt. 10 lbs. per 100 ft.

XQ16098—Your Cost Per Foot

| | | | |
|------------|--------|-------------|--------|
| 12 Ft. for | \$0.85 | 50 Ft. for | \$3.20 |
| 25 Ft. for | 1.65 | 100 Ft. for | 5.95 |

Special Value! Mike Cable

Light duty cable similar to the above.

XQ16145—Your Cost Per Foot

| | | | |
|------------|--------|-------------|--------|
| 12 Ft. for | \$0.55 | 50 Ft. for | \$2.15 |
| 25 Ft. for | 1.05 | 100 Ft. for | 3.90 |

Super Service Shielded Microphone Cable



7/8" outside diameter

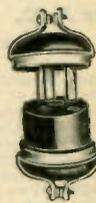
Seven conductors of No. 14 stranded copper for 3 and 4 microphones on a mixing panel. Each conductor color coded. Unusually heavy and close shielding well protected by a tough live rubber jacket. Shpg. wt. 12 lbs. 100 ft.

XQ16099—Your Cost Per Foot

| | | | |
|------------|--------|-------------|---------|
| 50 Ft. for | \$9.75 | 100 Ft. for | \$17.50 |
|------------|--------|-------------|---------|

Armored Bakelite Microphone Connectors

No better Connectors made for use with Carbon Microphones. Bakelite throughout providing perfect insulation; spring contacts insuring positive connections. Heavily armored Plug and Socket locks cable, preventing individual connections from being pulled out. Diameter 1 1/2". Shpg. wt. 1 lb.



| | |
|---|------------|
| XM13401—Plug | 44¢ |
| Your Cost Each | |
| XM13400—Socket | 58¢ |
| Your Cost Each | |
| XM13415—3 Wire Flush Receptacle, of a hard composition. Will fit above Female Socket No. XM13400. | 75¢ |
| Your Cost Each | |

5 Wire Rubber Covered Shielded "Mike" Cable



Re-enforced with cord, rubber covered, stranded color coded microphone cable. Heavy cotton braid outer layer, ribbon sleeve shield, 1/2" live rubber. Excellent for Condenser Mikes. Outside diameter 3/8". For all outdoor temporary or permanent jobs. Shpg. wt. 10 lbs., 100 ft.

XQ16100—Your Cost Per Foot

| | |
|--------------|---------------|
| Per 100 Feet | \$7.80 |
|--------------|---------------|

PICK-UPS • Phono-Motors • RECORD CHANGERS

Truest Pick-Up

Model
15-A



An entirely new development in pick-ups. The unit instead of projecting at an angle is placed in a flat position that considerably improves the frequency response. Both the highest treble and the lowest bass are reproduced as

faithfully as the record will permit. Attractively finished in a beautiful dull gold with built-in volume control.

Shpg. wt. 4 lbs.

XA147—

Your Cost.....

\$4.95

COUNTERBALANCE FOR PICK-UP

Used with the above pick-up to assure correct pressure when used with 33 1/3 R.P.M. records.

Shpg. wt. 1 lb.

XA148—

Your Cost.....

\$1.15

AMPERITE

Oxide

Crystal Pick-up

Entirely new! Requires only one stage of amplification.

Output +10 db. Suitable for either 78 or 33 1/3 R.P.M. records. Easily attached to any radio receiver. Connected between plate and cathode of preceding tube. Average resistance 100M ohms. Shpg. wt. 6 lbs.

XA133—List \$8.00

Your Cost.....

\$4.76



PIEZO-ASTATIC Crystal Pick-Up



With this pick-up the quality of the music available is limited only by the associated equipment. The Piezo Electric Crystal is the most efficient agent known for converting mechanical motion into electrical energy. Ball bearings and extremely light weight make possible the playing of 78 R.P.M. or slow speed records without the use of additional counterbalance weights. Available with 8 or 12-inch arms. Uses 1/2 Meg. volume control. Shpg. wt. 6 lbs.

XA161—Standard 8" Arm

Your Cost.....

\$9.00

XA162—Standard 12" Arm

Your Cost.....

\$10.50

UNIVERSAL Phono Motor for 110 Volts A.C. or D.C.

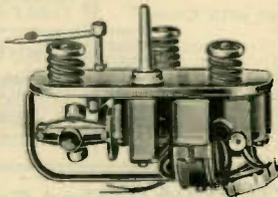
One of the few efficient universal phonograph motors on the market at the present time. Works equally well on either A.C. or D.C. 110 volts.

Silent operation with unvarying speed. Ideal for use in conjunction with the popular A.C.-D.C. sets now being sold. Equipped with a 12" turntable and automatic stop switch. All metal parts rust proof. Mounted on panel by three mounting bolts. For use with 78 R.P.M. records only. Shpg. wt. 11 lbs.

XA126—

Your Cost.....

\$14.95



Lafayette

Dual Speed
Pick-Up



33 1/3 or 78 R.P.M.

Designed to meet the needs for playing both 33 1/3 and 78 R.P.M. records with the same pick-up. Rubber-damped, providing absolutely clear reproduction. Available in 2500 or 5000 ohms impedances. Special impedances to order at special prices on request. Specify type when ordering. Shpg. wt. 5 lbs.

XA138—Complete with volume control.

XA143—Same as above,

except 200 ohms impedance.

Your Cost, Either Type.....

\$6.20

LAFAYETTE PROFESSIONAL JR.

Has same general characteristics as above. Plays 16" records. Specify high or low impedance. Shpg. wt. 6 lbs.

XA137—

Your Cost Each.....

\$9.75

Automatic Stop for Electric Phonographs

Adjustable to operate at any point on record. Arm automatically trips switch which cuts off current to motor. Mounts under turntable and can be used for any type of electric motor either A.C., D.C. or Battery. Eliminates the need for a separate ON and OFF current switch. Suitable for portables as well as consoles.

XA135—

Your Cost Each.....

75¢



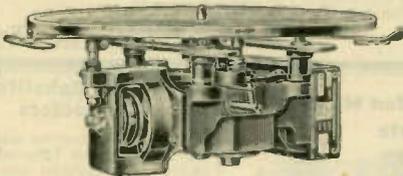
GREEN FLYER Governor Controlled

Two Speed
Motor

33 1/3 or 78
R. P. M.

for A. 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. Gears are completely enclosed and run in oil. Silent laminated Bakelite spiral cut gears. Over-size self lubricating bearings. Will not overheat in closed cabinets. 10" turntable. Has dial and pointed needle indicator. Hard ware bronze finish. Automatic stop available at slight extra cost. Shpg. wt. 15 lbs.

XA100—Two Speed 105-120 volt, 50-60 cycle A.C.

Your Cost.....

\$9.60

XA102—Single Speed 78 R.P.M. Motor

Your Cost.....

\$6.75

Special 6 Volt Motors

These motors for six volt operation are of the same quality and are of the same general construction as our other models and are also made in both the dual speed and single speed types. Equipment used on sound truck installation usually receives much harder usage than normal and these motors were designed with that in mind.

XA127—Two Speed same as No. XA100 but for 6 volt operation.

Your Cost.....

\$14.70

XA128—Single Speed 78 R.P.M. for 6 volt operation

Your Cost.....

\$13.20

Special Recording Motor Dual Speed

This motor is specially constructed and is preferred for recording. Similar specifications to Model XA100 except that field and rotor are 1/2" longer and that the motor is much more powerful. Exclusive, Green Flyer designed governor keeps speed constant under varying load conditions and assures perfect recording. Complete with 12" turntable. Shpg. wt. 15 lbs.

XA120—For 105-120 volt, 50-60 cycle A.C.

Your Cost.....

\$11.75

Add 40¢ to any of the above prices if a 12" turntable is desired.

We can supply any voltage for additional 95¢.

GENERAL INDUSTRIES Automatic

"Improved Type"

Record Changer

Powerful two speed motor will play both 78 and 33 1/3 R.P.M. records. Plays and changes seven 12" or eight 10" records. Repeats or rejects any record. Last record repeats until turned off. Built of heavy gauge metal finished in statuary bronze. High impedance pick-up with built-in volume control. 15" wide, 14" across front, 6" above and 3 1/2" below plate. Can be furnished for any commercial frequency. Special impedances also available. Prices upon request. For 110 volts, 60 cycles A.C. Shpg. wt. 30 lbs.

XS17754—List Price \$52.50

Your Cost.....

\$30.85

XS17763—For 110 volts D.C.—List Price \$60.50

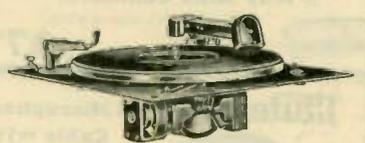
Your Cost.....

35.50

XS17764—For 6 volts D.C.—List Price \$61.50

Your Cost.....

36.15



Dual Speed CAPEHART

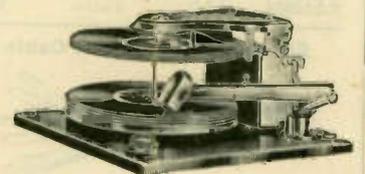
Automatic
Record Changer

This dual speed 33 1/3 and 78 R.P.M. Automatic Record Changer, is the most practical device for continuous playing of 10" or 12" recordings. Equipped with the New balanced electrical pick-up. Excellent device for the home, public address systems, etc. Using ten long playing Victor records you can listen to four hours of music without a stop. Completely automatic, last record repeats until re-stacked or when master switch is turned off. An enclosure may be had of any record. Additional equipment includes a reject device and unloading lever. Can be mounted in your own cabinet, or in our DeLuxe Cabinet, made expressly for the accommodation of this mechanism. Base, 14 1/2" x 14 1/2". Height above mounting board, 7 1/2"; depth below 3 1/2". Shpg. wt. 30 lbs.

XS17750—Mechanism complete, less cabinet

Your Cost.....

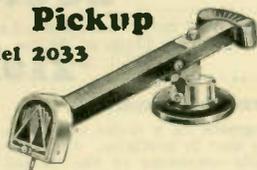
\$59.50



PHONO PICK-UPS AND ACCESSORIES

AUDAK Electro-Chromatic Pickup

Model 2033



A moderate priced instrument ideally suited for general use in radio receivers, etc. For records up to 12" in diameter. Highly sensitive and a close runner-up to the model HR-33 in frequency response. Standard impedance 7500 ohms. If desired 200 and 500 ohms also available. Specify impedance when ordering. Shpg. wt. 5 lbs.

XA453—Model 2033
Your Cost

\$7.25

MODEL 433

A low priced model similar to the above. 7500 ohms standard impedance, 200 and 500 ohms also available. Specify impedance desired. Shpg. wt. 5 lbs.

XA454—Model 433
Your Cost

\$5.62

AUDAK "Professional" Electro-Chromatic Pickup



The finest pick-up made for the reproduction of electrical transcriptions in broadcasting stations, theaters, etc. Frequency range is especially wide and a needle ballast is incorporated for compensation on frequencies below 300 cycles. Only the finest materials and workmanship are used throughout—high permeability alloys—purest Ceylon Gum dampeners, etc. The relation between the vibrating element and the coil is fixed for maximum inductance, essential if harmonics are to be reproduced. Available in 200, 500 and 7500 ohm impedances. When ordering state impedance desired. Shpg. wt. 6 lbs.

XA455—Audak Professional
Your Cost

\$26.80

SEMI-PROFESSIONAL

Similar to the above and for records up to 18" in diameter. Wide frequency response, being only slightly less than the model listed above. 7500 ohms standard impedance—200 and 500 also available if desired. Shpg. wt. 6 lbs.

XA456—Specify Impedance Semi-Professional
Your Cost

\$11.80

AUDAK Model HR-33 Electro-Chromatic Pickup



A high quality wide range pickup for use with records up to 12" in diameter. Equipped with needle ballast for compensation on frequencies below 300 cycles. Unquestionably one of the finest pickups made for use with records up to 12" in diameter. Standard impedance 7500 ohms, impedances of 200 and 500 ohms also available. State impedance desired when ordering. Shpg. wt. 5 lbs.

XA457—Model HR-33
Your Cost

\$9.85

AUDAK Duo-Disc



gears. Shpg. wt. 7 lbs.

XA106—Audak Duo-Disc
Your Cost

3 3/4 or 78 R.P.M. on any single speed motor—by turning a button. No

\$2.98



Genuine RCA-Victor Double Faced Records



Here's a real buy in genuine RCA-Victor double faced phonograph records. Two assortments of 25 records each at prices that you paid for only one record a short time ago! Public address men, you need this assortment of recordings for fill-ins. Dealers, make a hit with your customer by giving him a half dozen records with each purchase of a phono-radio combination! They cost you only 9c a piece!

AMERICAN RECORDS

25 assorted records to a carton including such well known American artists as—Paul Whiteman, Rudy Valle, Eddie Duchin, Wayne King, Nat Shilkret, Duke Ellington, George Olsen, etc. Foxtrots, Waltzes, Vocals, Tangos, Bands, Marches. Shpg. wt. 13 lbs.

XA346—Carton of 25 assorted
Your Cost, Special

\$2.25

SPANISH RECORDS

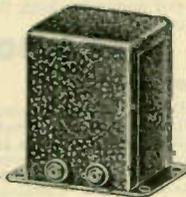
Assortment of 25 Spanish records (Victor Discos Espanol). Late assortments of Tangos, Cancions, Foxtrots, Paso Doble, Bolero. By DeAmaya, Escasena, Quiroga, Juan Pulido, Orchestra International, etc. Shpg. wt. 13 lbs.

XA347—Carton of 25 assorted
Your Cost, Special

\$3.50

Truest Scratch Filter

Practically eliminates the objectionable and annoying scratching caused by the needle friction. Filters out the noise frequencies. Equipped with phone tip jacks on input side to the pickup and with binding posts on output side to set or amplifier. Can be used with any phono-radio combination. Shpg. wt. 3 lbs.



XA118—
Your Cost

\$1.75

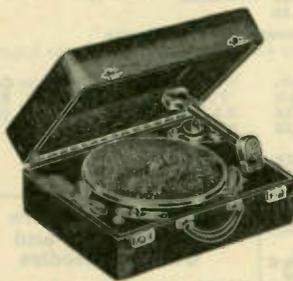
RCA-Victor Chromium Playback Needles

Special chromium needles that will play from 75 to 100 records.

XA357—Package of 6
Your Cost

25¢

Lafayette Dual Speed Electric Portable Motor and Pickup



The finest portable made today. Motor is a genuine two-speed Green Flyer with speeds of 78 and 33 1/2 R.P.M. Selection of speeds is easily made with a lever. 12" turntable felt covered. All exposed motor parts finished dull bronze. A new and improved two speed Lafayette high impedance pickup with a built-in volume control provides crystal clear reproduction. Sturdily built case covered with grained Fabrikoid. Size 17 1/2 x 13 1/2 x 8". For 110 volt 60 cycle A. C. operation. Shpg. wt. 25 lbs.

XY22031—List \$60.00
Your Cost

\$23.95

Special Single Speed Portable Motor and Pickup

A special value in a single speed motor and pickup. Attractive grained fabrikoid covered case. Plush covered turntable. Equipped with speed regulator and covered needle cup. For operation on 110 volt 60 cycle A. C. Shpg. wt. 24 lbs.

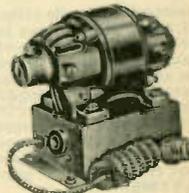
XY22049
Your Cost, Special

\$16.95

ROTARY CONVERTORS

JANETTE Rotary Converters

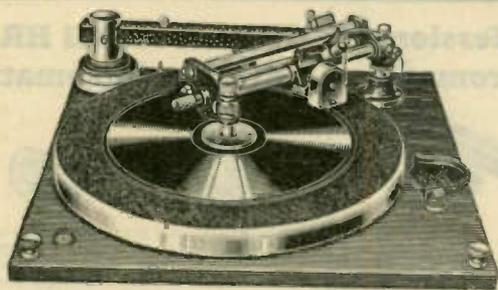
For operating 110 volt 60 cycle A. C. electrical appliances, radios, P. A. Systems, etc., from D. C. supplies. Models available for any voltage from 6 to 220 volts as listed below. All are equipped with interference filters to prevent noise reaching the radio. If filter is not required, write for prices on model desired. Sizes are listed suitable for practically any requirement from small midget radios up to large Public Address Systems, Transmitters, etc.



| Stock No. | Output Watts | Input Amps. | Your Cost | Stock No. | Output Watts | Input Amps. | Your Cost |
|---------------------------------------|--------------|-------------|-----------|---|--------------|-------------|-----------|
| 32 v. D. C. to 110 v. 60 cycle A. C. | | | | 110-115 v. D. C. to 110 v. 60 cycle A. C. | | | |
| XY19806 | 80 | 5.4 | \$26.41 | XY19807 | 80 | 1.3 | \$26.41 |
| XY19800 | 110 | 6.5 | 28.47 | XY19803 | 110 | 1.9 | 28.47 |
| XY19801 | 150 | 8.5 | 31.56 | XY19804 | 150 | 2.4 | 31.56 |
| XY19802 | 300 | 15. | 44.25 | XY19805 | 300 | 4.0 | 44.25 |
| XY19813 | 400 | 18. | 62.43 | XY19815 | 500 | 6.4 | 62.43 |
| XY19814 | 650 | 27. | 79.93 | 12 v. D. C. to 110 v. 60 cycle A. C. | | | |
| 220 v. D. C. to 110 v. 60 cycle A. C. | | | | XY19817 | 30 | 6.5 | 27.79 |
| XY19816 | 150 | 1.2 | 32.93 | XY19839 | 80 | 15. | 32.25 |
| 6 v. D. C. to 110 v. 60 cycle A. C. | | | | XY19870 | 120 | 18. | 37.39 |
| XY19808 | 30 | 13. | 27.79 | XY19876 | 160 | 22. | 52.84 |
| XY19818 | 60 | 24. | 44.25 | | | | |

Perfect Merchandise - Prompt Shipment - Personal Service

Duall SUPER RECORDER



A money-maker for those who can solicit their neighborhood stores, making advertising recordings of their products and then reproducing through a public address system to several thousand persons.

These popular recording mechanisms are now still further improved and are truly the last word in instruments of this type. Designed for recording on either aluminum or celluloid blanks these instruments will make faithful reproductions of the human voice or musical compositions.

Some of the many features of the new Duall Recorder are; a positive feed for the recording head that provides uniform spacing of lines and prevents overlapping. Choice of either aluminum or celluloid recording heads (celluloid recommended). Piezo-electric "Crystal" Pickup for reproduction. Cutter head, 15 or 500 ohms impedance. Specially designed 1-20 H.P. motor. Rim drive assuring constant 78 R.P.M. speed. Vibration proof mounting.

Standard Assembly consists of: motor and turntable for 78 R.P.M., overhead feed mechanism for 80-line recordings on 12-inch records. Feed outside-in. Cutting head for celluloid (if aluminum is preferred, specify). Cutting head, 15 or 500 ohms. Driving pins for celluloid are provided—which can easily be removed when recording on aluminum. A high impedance Crystal Play-back Pickup. Motor is for 115 volt, 50 to 60-cycle. All metal parts above, base chrome plated. Shpg. wt. 30 lbs.
XY19889—List \$275.00.
Your Cost \$147.50

Same equipment as above, but with two-speed motor for both 78 and 33 1/2 R.P.M. recording. Complete. Shpg. wt. 34 lbs.
XY19890—List \$330.00.
Your Cost \$180.00

16-Inch Turntable and Motor Assembly

For making recordings longer than those possible on a 12-inch record this 16-inch model is available. Identical in all respects to the 12-inch model listed above but for the turntable which is 16 1/2 inches in diameter and somewhat heavier in construction. 80-line feed screws are furnished with either inside-out or outside-in feeds as desired. When ordering specify R.P.M. and type of feed required. Celluloid

cutting head with an impedance of 15 ohms is standard—aluminum may be had at same price if desired. Play-back pickup is of the Crystal type. Shpg. wt. 45 lbs.

XY19886—
 Either 78 or 33 1/2 R.P.M. Specify Speed. **\$180.00**
Your Cost

Same equipment as above except that motor is dual speed and can be used at 33 1/2 or 78 R.P.M. as desired. Shpg. wt. 52 lbs.

XY19888—
Your Cost \$210.00

Double Turntable Assembly

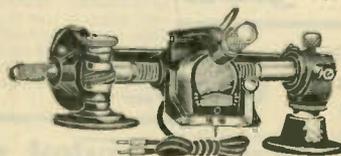
For recording continuous programs on a series of records or for transcribing records a double unit is available. On a 16x32x1/2" baseboard, two complete units consisting of the 12-inch Super Recorders our stock No. XY19889 are mounted. The speed of both motors has been carefully adjusted to operate uniformly.

Shpg. wt. 68 lbs.
XY19885—Your Cost \$295.00

Overhead Feed Mechanism To Attach to Your Present Turntable

We offer this device for those who desire to attach this Unit to their own turntable. Has an adjustment for proper alignment. A Motor of constant speed and rating of 1-20 H.P. minimum is recommended for this unit; be sure there is sufficient power in your motor to operate it. Turntable should be flat, with about 1/4 inch felt covering, and securely fastened to motor shaft. Equipped with 15-ohm impedance cutter-head. Shpg. wt. 12 lbs.

XY19891—List \$85.00.
Your Cost \$48.00



Extra Feed Screws for 88, 96 or more lines for above overhead Feed Mechanism. Specify whether for celluloid or aluminum. Shpg. wt. 6 lbs.

XY19892—List \$18.00.
Your Cost \$8.00

NOTE

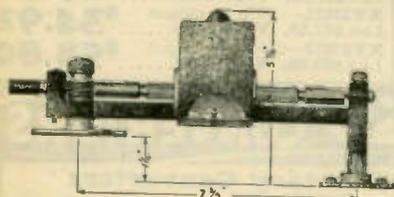
A complete Portable Recording System, self-contained in two carrying cases, including: a recorder, with two cutting heads (celluloid and aluminum); two feedscrews (inside-out and outside-in); a play-back pick-up in one case, and an amplifier, speaker, control panel, and volume indicator, in another case, is available. Accessories include cutting and play-back needles, and six 12-inch records. Complete descriptive circular on request.

XY19874—Your Cost \$475.00

Duall

JUNIOR RECORDER

Complete Cutting Mechanism A Semi-Professional Recording Outfit



Faithfully records either voice or musical programs with fine fidelity of tone. Anyone can install this recorder to their present turntable, provided the motor is of sufficient power for this purpose. It is a most practical semi-professional recording device for all types of recording on aluminum record blanks only. Very satisfactory recording of radio programs, advertising talks, etc., can be made. Full 10-inch recordings can be made at either 78 or 33 1/2 R.P.M.

In recording no unusual volume is necessary. The amplifier can be of small output and volume can be of normal room level. A special cutting needle is suggested for quality recordings. Actual recording is simple and records can be played back immediately. Shpg. wt. 8 lbs.

XY19883—
 Junior Dual Recorder.
 Less motor and turntable.
Your Cost \$24.75

Genuine Diamond and Sapphire Needles

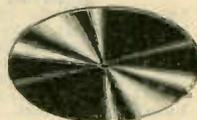
These needles are especially designed for recording purposes. They will provide exceptionally long life. The sapphire needle being good for 25 to 50 recordings before resharpening.

XA132—Genuine Diamond Needle
Your Cost \$2.50

XA359—Genuine Sapphire Needle
Your Cost, Each \$3.95

Acetate Coated Aluminum Record Blanks

These recording blanks are entirely different—they have an aluminum base and are coated with a special acetate compound. They are cut exactly the same way that celluloid is cut but will give far better results than either celluloid or aluminum blanks. The purity of the coating eliminates the scratch due to gritty surfaces. **Not pre-grooved.** Shpg. wt. per 3 blanks, 3 lbs.



| Stock No. | Size | Your Cost, Each | Stock No. | Size | Your Cost, Each |
|-----------|------|-----------------|-----------|------|-----------------|
| XA348 | 6" | .40 | XA352 | 12" | \$1.00 |
| XA349 | 8" | .50 | XA353 | 16" | 1.65 |
| XA351 | 10" | .80 | | | |

Plain Aluminum Record Blanks

For those preferring the ordinary aluminum blank we offer the following in plain and pre-grooved:

| Stock No. | Size | Your Cost, Each | Stock No. | Size | Your Cost, Each |
|-------------|------|-----------------|-------------|------|-----------------|
| Plain | | | Plain | | |
| XA200 | 6" | \$0.18 | XA202 | 10" | \$0.44 |
| XA201 | 8" | .30 | XA203 | 12" | .57 |
| Pre-grooved | | | Pre-grooved | | |
| XA204 | 6" | .18 | XA206 | 10" | .44 |
| XA205 | 8" | .30 | XA207 | 12" | .57 |

Acetate Needles

Special needles for playing back celluloid records.

XA209—Envelope of 12
Your Cost 10¢

Fibre Needles

For use in reproducing aluminum recordings. Prolong record life.

XA343—Envelope of 12
Your Cost 10¢

Steel Needles

For reproducing celluloid records.

XA344—Envelope of 5.
Your Cost 75¢

XA341—For aluminum.
Your Cost, Each 12¢

Genuine Sapphire Reproducing and Cutting Needles

XA192—For cutting and recording on blank aluminum.
Your Cost \$2.05

XA194—For recording on pre-grooved composition and celluloid.
Your Cost \$2.45

XA195—For reproducing any standard record.
Your Cost \$1.75

XA196—For cutting and recording on celluloid.
Your Cost \$3.75

NEW TESTING EQUIPMENT for DEPENDABLE PERFORMANCE!

DEPENDABLE Model 304 Tube Checker

For testing all tubes brought out to date, with provisions for many new ones to arrive in the future. Non-absolence assured—spare switching capacity for three times the present number of tubes. Tests include short and leakage tests between any two elements, pilot light indicator for shorts, gas test, second plate test for full wave rectifiers, bias shift test and line voltage adjuster. Two meters on panel; one English reading accurate D'Arsonval moving coil meter (accuracy 2%) for tube readings; one line voltage meter. Selector switches control filament and plate voltages, short tests and tube selector. No adapters of any kind necessary. Charts giving correct readings for all present type tubes are included. In counter model case dimensions are: 9x12x5". Shpg. wt. 20 lbs.

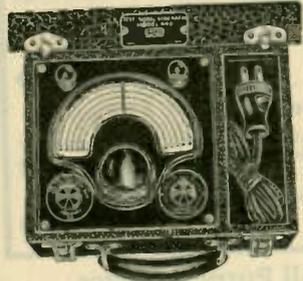
XJ10505—
In counter model case
Your Cost **\$19.55**

XJ10506—A Combination Portable and Counter type case with removable cover and tool carrying compartment. Shpg. wt. 18 lbs.
Your Cost, Case Only **\$2.25**

Save Money!
A Complete Kit of Parts For Assembling This Tester Yourself!
XJ10507—A complete Kit of Parts for building the above model 304 Tube Checker. Careful design has so simplified the construction of this tester that practically anyone can successfully assemble it. Complete, easy to understand, instructions with clear, easy to follow, diagrams are included with each Kit. The counter model case as pictured above is included also, as are tube charts and operating instructions. Shpg. wt. 15 lbs.
Your Cost **\$15.35**



JACKSON All Wave Signal Generator Operates on 110V. Either A.C. or D.C.



A precision built Signal Generator for all R.F. and L.F. alignments. Electron Coupled, employing a type 6F7 and a type 37 in a specially designed circuit. A self-contained audio oscillator provides a steady and pure modulated note of 400 cycles. Operates directly from either the A.C. (60 cycle) or D.C. line without any switching or other adjustment. Line feed-back is completely filtered out. All important circuit components are individually shielded; entire unit enclosed in an effective leak-proof shield. Frequency ranges on fundamentals (not harmonics) are: 100-225 K.C.; 225-550 K.C.; 550-1500 K.C.; 1500-4000 K.C.; and 4000-10,000 K.C. In addition, there is a range of 8000-20,000 K.C. using the second harmonic of the 4000-10,000 K.C. range. All ranges directly calibrated on 6" fan shaped dial. Two selector knobs select desired frequency ranges and control attenuation. In leatherette case 10x7 1/2 x 5". Removable hinged cover. Complete with plug-in type line cord. Shpg. wt. 17 lbs.

XN13905—All-Wave Signal Generator, Less Tubes
Your Cost **\$33.00**

Tubes for above (1-6F7, 1-37). **Your Cost** **\$1.32**

MULTITESTER Model 403 2000 Ohms per Volt Ohmmeter-Voltmeter Microammeter-Milliammeter



A compact multi-range tester of exceptional sensitivity (2000 ohms per volt) at a truly phenomenal price. **Voltmeter** ranges are: 0-5-50-250-750 D.C. volts. **Milliammeter** range: 0-50 M.A. **Microammeter** range: 0-500 ohms. D'Arsonval movement 3 1/4" meter guaranteed accuracy 2%. Selector switch for selecting circuits and tapered compensator for battery voltage on ohmmeter. 5 3/4 x 8 3/4 x 2 1/2". Shpg. wt. 6 lbs.

XJ10466
Complete with batteries
Your Cost **\$14.65**

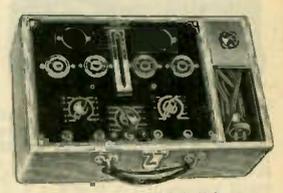
XJ10467—Knock Down Kit Model 403K, complete with instructions for assembling.
Your Cost **\$10.75**

Less batteries and case.
Your Cost

DACO "Neon" Tube Tester

A new and improved type of tube tester which uses a dependable, accurate neon tube indicator in place of a meter. English reading tests on all latest type tubes, with provisions for future 8 and 9 prong sockets. Voltage range from 1.5 to 26 volts, A.C. D.C. Tests include: gas test; second plate test on all rectifiers and other dual plate tubes; cathode short test; line voltage control. Has Verichrom panel with two-color lettering, new design pointer knobs. Complete with operating charts and full instructions. Housed in solid oak case 13 1/2 x 8 1/2", with removable cover and built-in tool compartment. Easy to operate. Shpg. wt. 15 lbs.

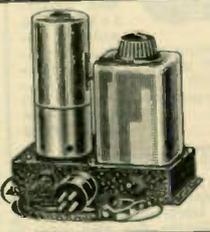
XJ10504—
Your Cost **\$21.95**



Beat Note Oscillator

A sensitive and precise form of tuning indicator for super-heterodynes. Also used to receive C.W. signals. Attached in a moment without tools or touching receiver wiring. First adjustment permanent—only operation is to snap switch on or off. Uses 24A or 36 tube. Instructions included. **Specify name and model of set when ordering.** Shpg. wt. 2 lbs.

XN14035—
Your Cost **\$8.95**



Model 77B

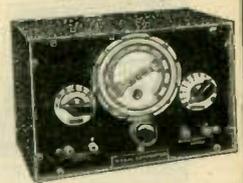


WIRELESS EGERT Signal Generators

A portable Signal Generator noted for its accuracy and simplicity. Covers a frequency range from 100 to 8000 KC. Ranges are printed on calibrated curves which are supplied with the instrument. Calibrated accuracy 3%. Instrument employs a newly designed form of non-inductive, constant input and output impedance variable attenuator. Completely shielded in every way; will not radiate the highest frequencies it generates. Features include: a separate buffer stage in the form of a 1A6 tube, which used in conjunction with the new type attenuator allows the fundamental signal generated by the 30 tube to be unaffected by changes in the output circuit; two jacks on panel allow for separate 1000 cycle note for checking audio amplifiers, etc.; pure R.F. secured by merely shorting out the audio jacks. This unit is entirely self contained making it independent of R.F. leakage available and in addition preventing any possibility of R.F. leakage into the set via the power line. Voltages supplied by one Burgess 22 1/2 volt "B" and one 4 1/2 volt "C" batteries. In metal case 6x9x6". Uses new Micro-Vernier Dial. Shpg. wt. 7 lbs.

XJ10881—
Model 77B. Complete with Tubes and Batteries
Your Cost **\$14.95**

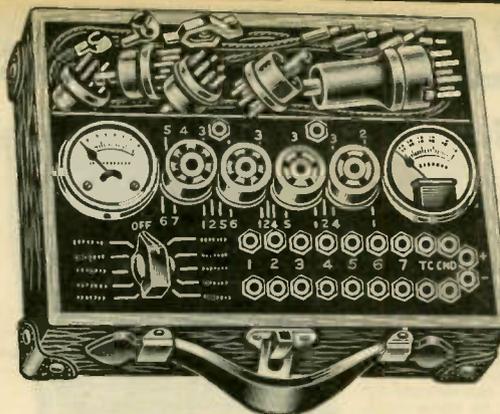
Model 99



A high grade All-Wave Oscillator for aligning all R.F., I.F. oscillator and detector circuits. Covers range of 100 to 21,000 K.C. in seven steps, all on fundamentals. Uses new micro-vernier dial which allows user to obtain accuracies to an absolute value of one tenth of one percent of the dial setting desired. Totally shielded—no radiation at highest frequencies. New type attenuator is efficient at any point. A fixed output impedance of 100 ohms is fed into the antenna of the radio receiver. The circuit employs a type 1A6 tube in a special buffer stage and a type 30 oscillator. Complete sets of calibration curves, accurate to within 3%, are supplied. Blank curves also supplied to allow user to calibrate his own oscillator to an accuracy of one tenth of 1 percent. **Output Calibrated in Microvolts.** The instrument also supplies a separate 1000 cycle note (connections to jacks on panel) for checking audio amplifiers, coils, etc. In portable metal case with aluminum-etched front panel. Size 6x9x6" overall. **Comes complete with one 22 1/2 "B" and one 4 1/2 volt "C" batteries and tubes.** Shpg. wt. 7 lbs.

XJ10880—Model 99 All-Wave Oscillator
Your Cost **\$29.50**

Replacement Part Headquarters for Dealers and Service Men



- ✓ Removable Cover
- ✓ Choice of Meters
- ✓ Fully Equipped
- ✓ Reasonably Priced

Readrite

These Readrite testers are very popular service instruments with the serviceman because they are in a very low price range. They are also popular because of the accuracy they afford in locating radio set and amplifier troubles. They are practical testers and are designed to analyze all radio set circuits and test all of the old and all of the new type tubes very quickly and accurately. The testers can be obtained in two types. One type uses Readrite instruments throughout and the other type uses a Triplett 1000-ohm per volt D.C. voltmeter. All instruments are very easy to operate and easy to read. They are economical, rugged in construction, and dependable for their service. Fulfills every testing requirement in the home or in the shop.

NEW! Model 720 Tester

This point-to-point tester is designed for fast and efficient service work. Requires minimum manipulation and is extremely flexible. So arranged that voltage and current can be measured in any tube circuit. Resistance, continuities, and capacities are also quickly measured. Point-to-point tests are made through an 8-wire cable and plug connected to the set socket. Tester socket terminals are arranged according to R.M.A. standards. With this method it is unnecessary to remove set chassis to localize defects. All ranges available by connecting through the single pair of jacks. Regardless of future arrangement of different tube elements this tester will make all tests with the same ease as it does with present day tubes. It contains one A.C. and one D.C. meter. The D.C. scales are 0, 15, 150, 300 and 600 volts, 0-15 and 150 milliamperes. The A.C. scale are 0, 10, 25, 150 and 750 volts. Scales are clearly lithographed on all metal dials. No mental arithmetic required. Overloading of meter is prevented as far as possible by the single selector switch and single pair of jacks for all ranges. Shpg. wt. 11 lbs.

Model 720 Tester
 Your Cost **\$14.70**

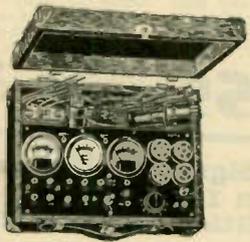
Same as above but with a Triplett 1000-ohm per volt D.C. voltmeter.
 Shpg. wt. 11 lbs. List \$31.00
Model 730 Tester
 Your Cost **\$18.23**

Model 710 Tester

This model is similar to the 720 Tester except that it has three meters. The following scales are available: 0, 20, 60, 300, 600 volts D.C.; 0, 10, 140, 700 volts A.C.; 0, 15, 150 M.A. Shpg. wt. 7 lbs.

Model 710 Tester
 Your Cost **\$16.17**

Model 712 Tester is similar to above except using a Triplett 1000-ohm per volt D.C. voltmeter. A 300,000 direct scale reading ohmmeter when used with a 4½-volt battery. Shpg. wt. 11 lbs.



Model 710 Tester
 Your Cost **\$21.76**

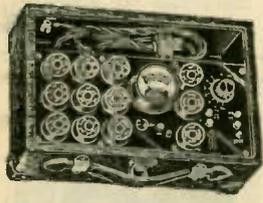
MODEL 610 TESTER

Same as the Model 710 except that it is in a case that has space for carrying tools. Shpg. wt. 10 lbs. List \$35.00

Model 610 Tester
 Your Cost **\$19.40**

Model 612, same as Model 610, with Triplett 1000-ohm per volt meter.
Model 612
 Your Cost **\$24.99**

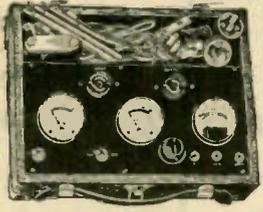
Tube Tester Model 410



This practical tester checks all old and new tubes. This test makes use of two plate current readings for determining the conductance and worth of a tube. Same test procedure for all rectifier tubes. Test card gives complete operating instructions and is fastened in removable cover. Meter with illuminated dial, is removable for replacing pilot lamp or fuse. A selector switch provides filament voltages: 1.5, 2, 2.5, 3.3, 5, 6.3, 7.5, 12.6 and 25 volts. In a leatherette carrying case. Shpg. wt. 11 lbs. List \$27.50

Tube Tester Model 410
 Your Cost **\$16.17**

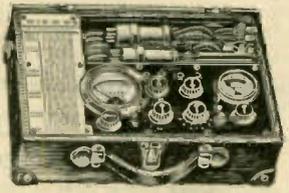
Utility Tester Model 900



This instrument is designed for servicing electric appliances. Open circuits, shorted turns, overloads, broken insulation and underloads are quickly located. It has the following meters: A.C. ammeter reading up to 20 amperes; A.C. voltmeter reading up to 300 volts; and a complete direct reading ohmmeter—0, 40, 10,000 ohms. Shpg. wt. 10 lbs.

Utility Tester Model 900
 Your Cost **\$14.55**

All Purpose Tester Model 1000



This tester is popular with many servicemen. The moving coil D.C. volt-ohm-milliammeter has an 0-1 mill movement. The ranges are: 0, 30, 300, 600 volts D.C.; 0, 30, 300 M.A., and 0, 500, 50,000, 3,000,000 ohms. Resistances up to 6 megohms can be read with external battery. A 110-volt, 60-cycle A.C. meter is calibrated for capacities from .008 to 10 mfd. Two 22½-volt batteries and one flashlight cell are contained in the battery compartment. Complete in strong portable carrying case with removable lid covered in black serviceable fabricoid, and provided with carrying handle. Shpg. wt. 13 lbs.

All Purpose Tester Model 1000
 Your Cost **\$29.40**

NOTE

Limitations in space prevent the listing of all Readrite test equipment. We can supply any Readrite instrument at the standard discount. Write for the new Readrite catalog.

TUBE TESTER MODEL 416

Same as Model 410, except using a Triplett meter with a non-illuminated dial. Shpg. wt. 11 lbs. List \$35.75

Tube Tester Model 416
 Your Cost **\$21.02**

Direct Reading Tube Testers

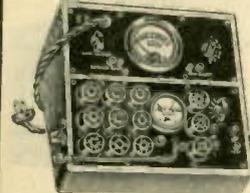
No. 421

These models are designed to test quickly and accurately all tubes. There are two models, a portable and a counter type. These new Readrite testers have incorporated two instruments. One large 3½" Triplett moving coil instrument with a shaded two-color scale reading directly (GOOD-POOR) as to the worth of the tube. The other is a Readrite A.C. meter used with a rheostat for adjusting the line voltage. Cathode and grid shorts are tested with separate push buttons. These tests never fail to show the slightest short or leakage. Two selector switches are used for the different tubes and the required filament voltages. Shpg. wt. 12 lbs.

Model 421
 Your Cost **\$23.52**

The portable type has an oak cover, with a substantial handle. Has double snap fasteners on sides of case. Shpg. wt. 14 lbs.

Model 422
 Your Cost **\$24.99**



All Wave OSCILLATOR

MODELS 553-554-556

An entirely new ALL-WAVE Oscillator that covers ALL frequencies from 110 K.C. to 18,000 K.C. Four distinct bands are covered, viz.: 110-500 K.C., 500-3000 K.C., 2000-6000 K.C. and 4000-18,000 K.C. All ranges are accurately calibrated on charts. Completely shielded. Self modulated. Comes complete with shielded connecting leads, 30 type tube, 22½ volt B Battery and two unit cells. Size 6x12x5". Model 554 is less output meter. Model 553 is equipped with Readrite Output Meter and Model 556 with a Triplett Output Meter. Shpg. wt. 11 lbs.

Model 553
 Your Cost **\$17.64**

Model 554
 Your Cost **\$20.58**

Model 556
 Your Cost **\$25.87**

Readrite



PORTABLE TYPE METERS MODEL 85

These Readrite portable meters are made in a variety of ranges to take care of all service needs. 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. All cases have highly polished nickel finish and are extremely attractive in appearance. Individually colored test leads are equipped with phone tips are included.

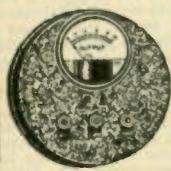
| D. C. Voltmeters (300 ohms per volt. 3" case) | | | | A. C. Voltmeters (100 ohms per volt) | | | |
|--|----------|-----------|-----------|---|-------|-----------|-----------|
| Stock No. | Volts | List Cost | Your Cost | Stock No. | Volts | List Cost | Your Cost |
| XK11122 | 0-300 | \$4.95 | \$2.92 | XK11134 | 0-150 | \$6.25 | \$3.68 |
| XK11123 | 0-500 | 6.25 | 3.68 | XK11135 | 0-300 | 7.25 | 4.26 |
| XK11124 | 0-60/300 | 4.95 | 2.92 | XK11136 | 0-600 | 8.25 | 4.85 |
| XK11125 | 0-750 | 7.25 | 4.26 | XK11137 | 0-750 | 9.60 | 5.59 |

| D. C. Milliammeters | | | | A. C. Milliammeters | | | |
|---------------------|-------|-----------|-----------|---------------------|-------|-----------|-----------|
| Stock No. | Range | List Cost | Your Cost | Stock No. | Range | List Cost | Your Cost |
| XK11126 | 0-25 | \$3.30 | \$1.94 | XK11138 | 0-25 | \$4.50 | \$2.65 |
| XK11127 | 0-100 | 3.30 | | XK11139 | 0-50 | 4.50 | |
| XK11128 | 0-200 | 3.30 | | XK11141 | 0-250 | 4.50 | |
| XK11129 | 0-400 | 3.30 | | XK11142 | 0-500 | 4.50 | |
| | | | | | | | |

| D. C. Ammeters | | | | A. C. Ammeters | | | |
|----------------|-------|-----------|-----------|----------------|-------|-----------|-----------|
| Stock No. | Range | List Cost | Your Cost | Stock No. | Range | List Cost | Your Cost |
| XK11132 | 0-10 | \$3.30 | \$1.94 | XK11143 | 0-1 | \$4.50 | \$2.65 |
| XK11133 | 0-50 | 3.30 | | XK11144 | 0-3 | 4.50 | |
| | | | XK11146 | 0-10 | 4.50 | | |
| | | | XK11147 | 0-50 | 5.00 | 2.94 | |

Output Meters

A practical instrument for measuring output of a radio set when used in conjunction with an oscillator for aligning R.F. and I.F. circuits. Contains copper oxide rectifier. Two ranges available: 0-5 volts for connection to voice coil, 0-50 volts for connection to plate of tube. Model 555 mounted on metal panel with jacks and test leads. Shpg. wt. 4 lbs.



XK11038
Your Cost **\$4.27**
Model 575, similar to above except in a round steel case. Shpg. wt. 4 lbs.
XK11039—Your Cost **\$4.85**

Readrite Panel Meters Model 55

A sturdy and reliable line of inexpensive Testing Instruments that is very popular with the Serviceman. Well made and attractively finished. Panel mounting type. Nickel plated bezels. White dials. Panel opening 2 3/4". Shpg. wt. 1 lb.



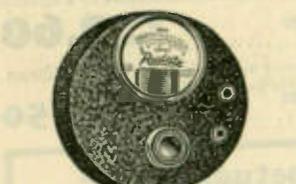
| Panel Type D. C. Milliammeters | | | | Panel Type D. C. Ammeters | | | |
|--------------------------------|----------|-----------|-----------|---------------------------|---------|-----------|-----------|
| Stock No. | M. A. | List Cost | Your Cost | Stock No. | Amps. | List Cost | Your Cost |
| XK11100 | 0-10 | \$2.00 | \$1.18 | XK11091 | 0-1 | \$1.00 | \$59c |
| XK11101 | 0-15 | 1.00 | | XK11092 | 0-3 | 1.00 | |
| XK11102 | 0-25 | 1.00 | | XK11093 | 0-5 | 1.00 | |
| XK11103 | 0-50 | 1.00 | | XK11094 | 0-10 | 1.00 | |
| XK11104 | 0-100 | 1.00 | | XK11095 | 1-0-1 | 1.00 | |
| XK11105 | 0-150 | 1.00 | | XK11096 | 3-0-3 | 1.00 | |
| XK11106 | 0-200 | 1.00 | | XK11097 | 6-0-6 | 1.00 | |
| XK11107 | 0-300 | 1.00 | | XK11098 | 10-0-10 | 1.00 | |
| XK11108 | 0-400 | 1.00 | | XK11099 | 20-0-20 | 1.00 | |
| XK11109 | 0-20/100 | 2.00 | | | | | |
| XK11110 | 0-15/150 | 2.00 | | | | | |

| Panel Type A. C. Voltmeters | | | | Panel Type D. C. Voltmeters | | | | |
|-----------------------------|----------|-----------|-----------|-----------------------------|-------|-----------|-----------|------|
| Stock No. | Volts | List Cost | Your Cost | Stock No. | Range | List Cost | Your Cost | |
| XK11072 | 0-4 | \$2.75 | \$1.62 | XK11051 | 0-1 | 30 | \$59c | |
| XK11073 | 0-6 | 2.75 | | XK11052 | 0-3 | 175 | | |
| XK11074 | 0-10 | 2.75 | | XK11053 | 0-5 | 410 | | |
| XK11075 | 0-15 | 2.75 | | XK11054 | 0-6 | 550 | | |
| XK11076 | 0-150 | 4.50 | | XK11055 | 0-8 | 850 | | |
| XK11077 | 0-300 | 5.50 | | XK11056 | 0-10 | 1475 | | |
| XK11079 | 0-750 | 7.75 | | XK11057 | 0-15 | 2914 | | |
| XK11080 | 0-10-140 | 4.50 | | XK11059 | 0-25 | 1625 | | |
| | | | | XK11060 | 0-25 | 7720 | | 1.62 |
| | | | | XK11061 | 0-50 | 3250 | | .59 |

| A. C. Ammeters | | | | A. C. Milliammeters | | | | |
|----------------|-------|-----------|-----------|---------------------|---------|-----------|-----------|------|
| Stock No. | Range | List Cost | Your Cost | Stock No. | Range | List Cost | Your Cost | |
| XK11081 | 0-1 | \$2.75 | \$1.62 | XK11086 | 0-25 | \$2.75 | \$1.62 | |
| XK11082 | 0-3 | 2.75 | | XK11087 | 0-50 | 2.75 | | |
| XK11083 | 0-5 | 2.75 | | XK11088 | 0-100 | 2.75 | | |
| XK11084 | 0-10 | 2.75 | | XK11089 | 0-250 | 2.75 | | |
| XK11085 | 0-50 | 3.25 | | 1.94 | XK11090 | 0-500 | | 2.75 |

Readrite D. C. panel meters may be obtained with zero adjustment. Additional cost 15c. Specify zero adjustment when ordering. No 2% Transportation Allowance on Readrite and Triplett.

Direct Reading Ohmmeter Model 500



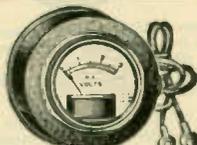
Mounted in seamless steel case 4" in diameter. Model 500 provides direct readings of ohmmages up to 10,000 and D. C. volts up to 4.5. Model 502 furnishes readings to 10,000 ohms on one scale and up to 40 ohms on second scale, for voice coils and shorted turns of I. F. transformers. Both are complete with a small 3 cell flashlight battery and leads. Shpg. wt. 2 lbs.

XK11020—\$6.50 List \$3.82
Your Cost

Model 502
XK11020—List \$6.50 \$4.56
Your Cost

Model 506
Same style as above but with Triplett voltmeter 0-1 1/2 having resistance readings 50,000 and 500 ohms. Zero adjustment on front of meter. Scales are clear and accurate.
XK11154—List \$14.25 \$8.38
Your Cost

Flanges
Black finish, 2 3/4" diameter. Fits Model 55 meter. Complete with hardware.
XK11041—Your Cost **9c**



Air Cell Tester Model 777

This new tester is a scientifically designed Readrite instrument. It is made for the checking of air-cell type or 2 volt batteries. It gives a true picture of the condition of the batteries. A very simple meter to operate as there are but only two leads in making connections. The meter is furnished complete with full instructions and mounted in an attractive Model 85 black case with a pair of 3/16" spade terminal leads.

XK11040—Model 777 Tester. Shpg. wt. 3 lbs.
Your Cost **\$1.62**

Resonance Tuning Meters



High resistance type milliammeters used in the plate circuit in sets for visual tuning. Mounted in strong metal case. The circuit is brought to resonance when the needle swings to its furthest position. Scale and pointer behind glass covered opening. 6" cable leads and attachment studs and nuts supplied.
Your Cost, Any Type Each **88c**

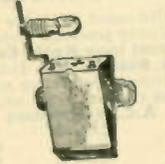
Front or Bottom Illuminated Type Code TM103
Stock No. M. A. Scale
XK11182 0-10
XK11183 0-15



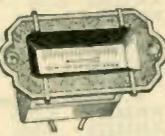
Rear Illuminated Translucent Dial Code TM102
Stock No. M. A. Scale
XK11186 0-10
XK11187 0-15

No escutcheon included at the above price.

Escutcheons as illustrated.
XK11292—List Each 18c
Your Cost



Shadowgraph Code TM120
Stock No. M. A. Scale
XK11295 0-10
XK11296 0-15



Edgewise Mount. Shadow Illum. Code TM108
Stock No. M. A. Scale
XK11190 0-10
XK11191 0-15

Resistance Meter Model 501

Same meter as used in the No. 500 instrument. Flange for panel mounting. 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. Extreme diameter, 2 1/4". Shpg. wt. 1 lb.

XK11006—List \$2.75
Your Cost Each **\$1.62**
503 Resistor. 1150 ohms, with jack terminals. For use with 22.5 volt battery to increase reading of No. 500 Ohmmeter to 60,000 ohms.
XK11165—List Price \$1.75
Your Cost **\$1.03**

Capacity Meter Model 800

Used for testing paper condensers only. The A. C. meter reads directly in microfarads .008 to 10. Two scales, upper, .008 to .25; lower, .1 to 10 mfd. Contains rheostat, switch, test leads, and plug for A. C. 60 cycle connection. Metal case 4 1/2" 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. 2 lbs.

XK11022—List \$8.75
Your Cost **\$5.14**



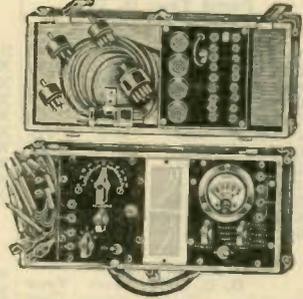
Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.

TRIPLITT -- Quality Instruments at BARGAIN PRICES



Portable Laboratory Model 1181

This new tester has a meter with a 500 microampere movement, that provides voltage ranges, on both A.C. and D.C. The copper oxide rectifier is of the latest type permitting the accurate measurement of A.C. voltages. A double pole double throw switch marked A.C.-D.C., enables the use of the meter either with pure D.C. or with A.C. with equal facility. Through the use of a rotary switch the following ranges are available: 0-15-150-750 volts, A.C. or D.C.; 0-1.5-150 D.C. milliamperes; 0-150-150 A.C. milliamperes; 0-1500-1,500,000-3,000,000 ohms. In addition to the universal meter is the Free-Point Auxiliary Set Tester that can be used to check all of the latest type tubes. The Model 1151 Oscillator incorporated in the instrument can be used with 100% modulation. There are four available ranges; 110-500 K.C., 500-3,000 K.C., 2,000-6,000 K.C. and 4,000-18,000 K.C.; each range being selected by a rotary switch. Oscillators with this wide range of frequencies are indispensable for the servicing of the present day all-wave receivers. Battery operation assures a completely shielded instrument, thus effectively preventing leakage through the power line to the receiver, which makes it difficult to obtain an accurate peak. All units mounted in an oak case measuring 16 1/2 x 7 1/2 x 5 1/2". Shpg. wt. 19 lbs.



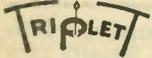
\$37.24
Your Cost

XJ11035—Model 1181 Tester.
Your Cost

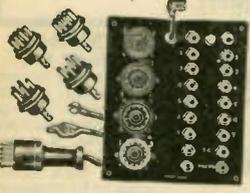
Model 1179 is the same as the Model 1181, except that the Model 1150 Oscillator is used. Shpg. wt. 19 lbs

XJ10470—Model 1179 Tester
Your Cost

\$33.97



Free-Point Auxiliary Set Tester No. 1166



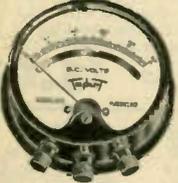
The No. 1166 brings all the set socket connections to each of the various tube elements, through the attached cable and plug. Four sockets take care of all present day tubes. New sockets with added connections can easily be replaced, whenever necessary, at a very slight cost. By this method voltages, currents, resistances, and continuities may be measured quickly and accurately without removing chassis from cabinet. Shpg. wt. 7 lbs.

XJ10477—Your Cost

\$10.45



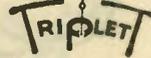
5" Case Mirror Scale Portable Meters



These bakelite cased, portable models in 5" cases are the only precision meters in the low price range that have **Knife-Edge Pointers and Mirror Scales**. The D.C. Ammeters and D.C. Microammeters are equipped with self-contained shunts. Shpg. wt. 4 lbs.

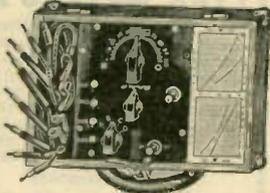
| A.C. Voltmeters | | |
|--------------------------------------|--------|----------------|
| Stock No. | Ranges | Your Cost |
| XK11349 | 0-5 | \$10.45 |
| XK11350 | 0-10 | |
| XK11351 | 0-50 | |
| XK11352 | 0-300 | |
| A.C. Milliammeters | | |
| Stock No. | Ranges | Your Cost |
| XK11353 | 0-10 | \$10.45 |
| XK11354 | 0-50 | |
| XK11355 | 0-100 | |
| XK11356 | 0-500 | |
| XK11357 | 0-3 | |
| XK11358 | 0-5 | \$10.45 |
| D.C. Voltmeters (1000 ohms per volt) | | |
| XK11359 | 0-150 | \$13.07 |
| XK11360 | 0-300 | \$13.88 |
| D.C. Voltmeters (125 ohms per volt) | | |
| XK11361 | 0-150 | \$11.42 |
| XK11362 | 0-300 | \$12.74 |

| D.C. Milliammeters | | |
|--------------------|--------|----------------|
| Stock No. | Ranges | Your Cost |
| XK11363 | 0-1 | \$10.45 |
| XK11364 | 0-5 | |
| XK11365 | 0-50 | |
| XK11366 | 0-250 | |
| D.C. Ammeters | | |
| Stock No. | Ranges | Your Cost |
| XK11367 | 0-1 | \$10.45 |
| XK11368 | 0-3 | |
| XK11369 | 0-10 | |
| XK11370 | 0-200 | |
| D.C. Microammeters | | |
| Stock No. | Ranges | Your Cost |
| XK11371 | 0-200 | \$13.72 |
| XK11372 | 0-500 | \$12.42 |



All-Wave Oscillator Model 1151

A well designed completely shielded All-Wave Oscillator. Toggle switch controls the generation of either a stabilized modulated or unmodulated signal of constant level. Its principal use is to align the R.F. stages, oscillator stages, and peak the I.F. stages. This Oscillator is a signal generator covering frequencies from 110 K.C.—18,000 K.C. These fractional frequencies are covered by an accurately divided scale. A rotary switch provides for the selection of the four bands. The condenser shaft and screws are at ground potential and there is no radiation of signal other than through the output jacks. Attenuator is especially designed for both weak and sensitive radio receivers. Shpg. wt. 13 lbs.



XJ10474—Triplitt All-Wave Oscillator Model 1151 **\$22.86**
Your Cost

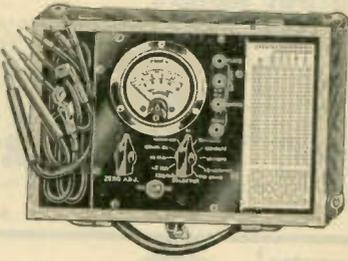
No. 1150 Conventional Wave Oscillator same as above but covering frequencies of 110-1500 K.C. only.

XJ10476—Your Cost

\$19.60



Universal Volt-Ohm Milliammeter Model 1125



As the first instrument to form the heart of a complete servicing laboratory or as an instrument to take the place of an older one, no finer Universal Meter can be obtained at so low a cost. The meter itself has a 500 microampere movement and not the usual 1 milliammeter which is only half as sensitive. The following ranges are available: A.C. and D.C. voltages of 0-15-150-750, D.C. milliamperes ranges are 0-1.5-15-150, A.C. Milliamperes 0-150-1.5 megohms-3 megohms. All ranges are controlled by a selector switch. Shpg. wt. 11 lbs.

XJ10473—Model 1125. List \$30.00
Your Cost

\$19.60

Model 1167 is the same as the above except that it has in addition, the Model 1166 Auxiliary Tester. Shpg. wt. 17 lbs.

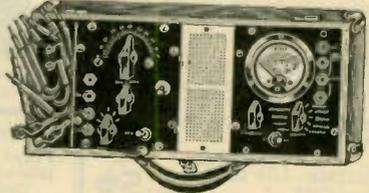
XK10999—Model 1167. List \$37.50
Your Cost

\$24.50



Perpetual Tester Model 1180

Oscillator and Universal Meter



The Perpetual Tester is a combination of No. 1151 All-Wave Oscillator and No. 1125 Universal Volt-Ohm-Milliammeter in same case. This tester is built for lifetime use. It tests tubes while operating in the set-socket, by measuring the gain output. Tests set circuits and aligns tuning condensers. Fulfills every testing requirement in the home or shop. Its extreme accuracy satisfies the most exacting needs of the professional serviceman. Ohmmeter reads up to 3 megohms. Furnished in a substantial oak case with a removable cover. Size 16 1/2 x 4 3/4 x 7 1/2". Shpg. wt. 20 lbs. List \$45.00

XJ10479—Your Cost

\$29.40

Model 1178, same as Model 1180, except with Model 1150 Oscillator. In an oak case and reading up to 3 megohms. Shpg. wt. 20 lbs.

XJ10480—Model 1178. List \$40.00
Your Cost

\$26.13

Model 1177, same as Model 1178, but in a leatherette case and reading only up to 1.5 megohms. Shpg. wt. 20 lbs. List \$36.00.

XK10998—Model 1177
Your Cost

\$23.52

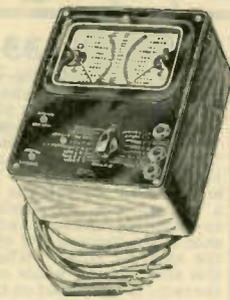
NOTE

There is no additional discount or transportation allowance on any Triplitt instrument.

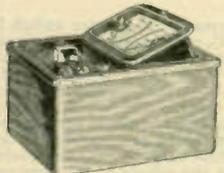
TRIPLET NEW 1200 Series TRIPLET

Model 1200 Dual-Meter Universal Tester

A new Dual-Meter Universal Test Instrument providing separate meters for both A. C. and D. C. measurements. In many instruments using a single meter the meter must be compensated in order to use it for both measurements thus considerably reducing the sensitivity. This disadvantage is therefore effectively overcome in this new Triplett tester by using two separate meter movements in a single case. The meter in this model may be tilted to any angle in direct line with the eye enabling the operator to accurately determine the correct reading on the meter and overcome parallax. The D. C. meter has a 500 microampere movement having an accuracy of 2%.



D. C. scales: 0-10-100-250-500 and 1000 V, 0-1-10, 100, 250, mills, 0-1500 ohms—1 1/2 meg., and 3 meg-ohms. A. C. scales: 0-10-100-250-500 and 1000 V. Only three jacks are used. Two for measuring all D. C. voltages, D. C. milliamperes, D. C. resistances, A. C. voltages and capacity. Third jack used when measuring output voltages, contains a blocking condenser. Shpg. wt. 14 lbs.



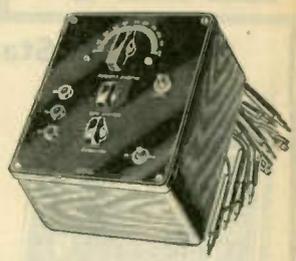
Model 1210 Tube Tester

This model is supplied in a separate metal case with a bakelite panel. An emission type tester, having only four sockets for all tubes. A 3 1/2 d'Arsonval meter is used having a scale reading directly GOOD or BAD values of the tubes. Short and leakage tests of all tube elements. Shpg. wt. 18 lbs.



Model 1230 Signal Generator

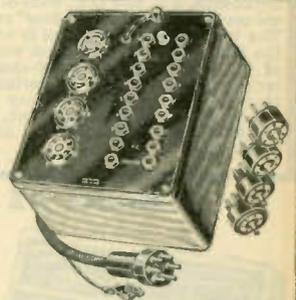
The Model 1230 is a stabilized, all-wave continuously variable signal generator, furnishing frequencies from 100 K. C. to 18,000 K. C., either modulated or unmodulated. The clear 400 cycle note is generated by a type '30 tube that is used. The second type '30 tube is used in the special frequency stabilized circuit to generate the radio frequency oscillation. A 22 1/2 volt and three flashlight batteries furnish the very small amount of power required to operate the tubes. This permits the oscillator to be independent of line leakage. All individual parts such as batteries, coils, jacks are well shielded. The frequency ranges are controlled by the band switch and frequency control knob. Through the use of three output jacks and the attenuator the variation of attenuation is obtained. This type generator is used for determining frequency alignment, to furnish the signal for aligning all types of broadcast receivers. Shpg. wt. 15 lbs.



XJ10469—Model 1230 Signal Generator
Your Cost **\$15.02**

Model 1220 Tester

This tester unit can be used with the Triplett Model 1200 or any other suitable unit, the Model 1220 enables the making of voltage tests between any tube elements including chassis, current tests in series with any tube elements or socket contacts including chassis.

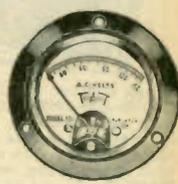
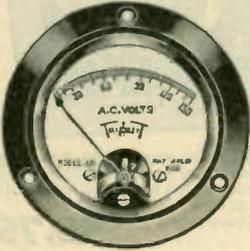


The jacks are so arranged that the source of external voltage may be applied to any tube element, this permits testing of the characteristics of the latest tubes. Complete with 6 prong plug, 4, 5, large 7 prong, and small 7 prong adaptors. Shpg. wt. 4 lbs.
XJ10478—Model 1220 Tester
Your Cost **\$8.16**



Precision Meters

In the design of these moving coil instruments possessing the finest precision qualities, nothing has been spared to make them the leaders in the field. The finest materials; cases of 3" and 5" meters are of bakelite with all terminals moulded in and the bearings are genuine sapphire jewels mounted in adjustable screws. D. C. meters are of the d'Arsonval or moving coil type recognized as the most sensitive and accurate form of meter. A. C. meters are of the movable iron repulsion type giving a steady and accurate reading. Accuracy within 2%. Shipping weight for 2" and 3" meters is 2 lbs. and for the 5" meter 3 lbs.



D. C. Milliammeters

| 321—3 1/2" | | | 223—2" | | |
|-------------|-----------|-----------|-----------|-----------|--|
| D. C. M. A. | Stock No. | Your Cost | Stock No. | Your Cost | |
| 0-1 | XK11200 | \$4.58 | XK11208 | \$3.75 | |
| 0-1.5 | XK11201 | | XK11209 | | |
| 0-10 | XK11202 | | XK11210 | | |
| 0-15 | XK11203 | | XK11211 | | |
| 0-50 | XK11204 | \$3.75 | XK11212 | \$2.94 | |
| 0-100 | XK11205 | | XK11213 | | |
| 0-200 | XK11206 | | XK11214 | | |
| 0-500 | XK11207 | | XK11215 | | |

Model 321 (1000 Ohms Per Volt)

| Stock No. | D. C. Volts | Your Cost |
|-----------|-------------|-----------|
| XK11240 | 0-10 | \$5.39 |
| XK11241 | 0-50 | \$5.71 |
| XK11242 | 0-100 | |
| XK11243 | 0-150 | 7.18 |
| XK11244 | 0-500 | |
| XK11245 | 0-1000 | 10.46 |

Model 325 Portable D. C. Voltmeter (1000 Ohms Per Volt)

This meter is equipped with pln jacks and tipped cable leads.
XK11287—750-250-10
\$16.19

A. C. Voltmeters

| 331—3 1/2" | | | 233—2" | | |
|-------------|-----------|-----------|-----------|-----------|--|
| A. C. Volts | Stock No. | Your Cost | Stock No. | Your Cost | |
| 0-5 | XK11273 | \$3.75 | XK11280 | \$2.94 | |
| 0-10 | XK11274 | | XK11281 | | |
| 0-15 | XK11275 | | XK11282 | | |
| 0-25 | XK11276 | | XK11283 | | |
| 0-50 | XK11177 | 4.58 | XK11284 | 3.75 | |
| 0-150 | XK11279 | | XK11286 | | |

5" Meters

| D. C. Voltmeters 1000 Ohms Per Volt | | | D. C. Voltmeters 125 Ohms Per Volt | | |
|---------------------------------------|-------------|-----------|------------------------------------|-------------|-----------|
| Stock No. | D. C. Volts | Your Cost | Stock No. | D. C. Volts | Your Cost |
| XK11311 | 0-150 | \$11.76 | XK11323 | 0-150 | \$10.12 |
| XK11312 | 0-300 | 12.58 | XK11324 | 0-300 | 11.44 |
| D. C. Milliammeters | | | D. C. Ammeters (Built in Shunts) | | |
| Stock No. | D. C. Volts | Your Cost | Stock No. | D. C. Volts | Your Cost |
| XK11313 | 0-1 | \$9.80 | XK11325 | 0-1 | \$9.15 |
| XK11314 | 0-5 | | XK11326 | 0-3 | |
| XK11315 | 0-50 | \$9.15 | XK11327 | 0-10 | \$9.15 |
| XK11316 | 0-250 | | | | |
| D. C. Microammeters (Built in Shunts) | | | A. C. Ammeters | | |
| Stock No. | Range | Your Cost | Stock No. | A. C. Volts | Your Cost |
| XK11317 | 0-200 | \$12.42 | XK11328 | 0-3 | \$9.15 |
| XK11318 | 0-500 | 11.09 | XK11329 | 0-5 | |
| A. C. Voltmeters | | | A. C. Milliammeters | | |
| Stock No. | A. C. Volts | Your Cost | Stock No. | Range | Your Cost |
| XK11319 | 0-5 | \$9.15 | XK11330 | 0-10 | \$9.80 |
| XK11320 | 0-10 | | XK11331 | 0-50 | |
| XK11321 | 0-50 | | XK11332 | 0-100 | |
| XK11322 | 0-300 | 12.09 | XK11333 | 0-500 | |

D. C. Ammeters (Self-Contained Shunts)

| 321—3 1/2" | | | 223—2" | | |
|-------------|-----------|-----------|-----------|-----------|--|
| D. C. Amps. | Stock No. | Your Cost | Stock No. | Your Cost | |
| 0-1 | XK11216 | \$3.75 | XK11223 | \$2.94 | |
| 0-5 | XK11217 | | XK11224 | | |
| 0-10 | XK11218 | | XK11225 | | |
| 0-50 | XK11219 | | XK11226 | | |
| 30-0-30 | XK11221 | | XK11228 | | |

D. C. Voltmeters (125 Ohms per Volt)

| 321—3 1/2" | | | 223—2" | | |
|-------------|-----------|-----------|-----------|-----------|--|
| D. C. Volts | Stock No. | Your Cost | Stock No. | Your Cost | |
| 0-5 | XK11230 | \$3.75 | XK11247 | \$2.94 | |
| 0-10 | XK11231 | | XK11248 | | |
| 0-15 | XK11232 | | XK11249 | | |
| 0-25 | XK11233 | | XK11250 | | |
| 0-50 | XK11234 | 4.58 | XK11251 | 3.75 | |
| 0-150 | XK11236 | | XK11253 | | |
| 0-250 | XK11237 | | XK11254 | | |

NOTE

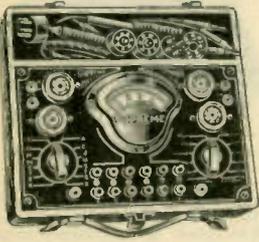
We can supply any Triplett instruments that are not listed above. Prices quoted on request.

Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.

SUPREME

Testing

Model 333 Standard Analyzer



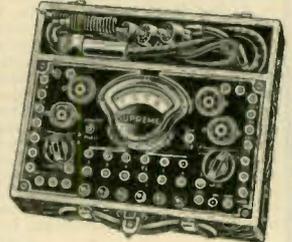
This is an entirely new Model 333 analyzer, featuring Supreme's latest 5" fan-type meter achievement with full vision scale and the exclusive Free Reference Point System of Analysis creates a new standard of value. This new instrument, with self-contained battery, is a combination point-to-point tester and analyzer providing complete resistance, voltage and current analysis, and tube-testing from radio socket. All meter ranges, including resistance and output measurements are applied through the analyzer cable so it is unnecessary to remove the chassis of the radio

or dismantle it to gain access to the circuits for point-to-point tests. All meter ranges are selected by a single 12-position rotary switch. The four-range output meter requires no adaptors but measurements are accomplished by merely inserting the analyzer plug into one of the power output tube sockets and setting a switch for output indications. Meter ranges are: resistance 2000-200,000 ohms, D.C. mils 5-125 mils, A.C. and D.C. volts of 5-125-500-1250 volts. Large figures are used for markings of "ohms" range so as to provide easy readability. The low range 0-2000 ohms is very useful for all continuity testing, the first division being 1 ohm with the 35-ohm marking at the center of the scale. The 0-200,000-ohm range meets practically all other servicing requirements. A variable shunt adjustment is provided so that the ohmmeter remains very accurate within the useful range of the battery employed. Shpg. wt. 12 lbs.

XJ10875—Model 333 Standard Analyzer. **\$29.35**

Your Cost

Model 333 DeLuxe Analyzer



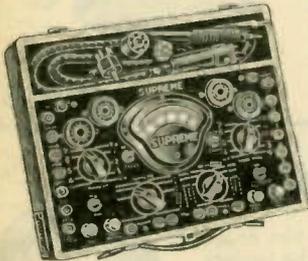
This new DeLuxe series uses the latest 5" meter in a patented circuit. The new analyzer plug used on this tester in addition to the "top cap" connection also has a "ground" clip that may be attached to any part of the chassis. This clip is connected through the cable to a "ground" pin jack terminal so as to enable measurements with reference to the "ground" or chassis on the analyzer panel. When using this analyzer the whole circuit of the radio is spread out on the panel like a simplified diagram. A self-contained flashlight battery may be connected to any one of five possible grid circuits for tube testing purposes. A selector switch is used for connecting the meter as: 1—a D.C. milliammeter with ranges of 0-5-25-125-250-500-1,250 mils; 2—an ohmmeter with ranges of 0-1,000-10,000-100,000-1,000,000 ohms; 3—a D.C. voltmeter with ranges of 0-5-25-125-250-500-1,250 volts; 4—A.C. voltmeter and direct reading capacity meter with ranges of 0-5-25-125-250-500-1,250 volts and 0-0.125-1.25-12.5 microfarads. The lowest resistance marking on the ohms scale is 1 ohm with the 35-ohm marking at the center of the scale. The lowest capacity marking is 0.0025 mfd. A new and exclusive circuit is employed for compensating the effects of temperature variations and for utilizing a single d'Arsonval meter for A.C. potential and capacity measurements on a single uniformly-divided D.C. scale. Shpg. wt. 14 lbs.

XJ10876—Model 333 DeLuxe Analyzer. **\$39.15**

Your Cost

\$39.15

Model 91 Analyzer



Essentially the same as the analyzer used in the AAAI diagnometer except that it uses the new Supreme 6-inch multimeter. With this analyzer it is possible to make all tests rapidly and accurately due to the use of a unique switching arrangement eliminating the need for jumper leads. An accurate and extremely sensitive meter, with a 320-micro-ampere movement, is used in the exclusive compensated circuit incorporating the Free Reference Point System. Meter ranges

are as follows: 0-2.5-10-25-100-250 A.C. or D.C. mills; 0-2.5-10-25-100-250-1000 A.C. or D.C. volts; 0-5000-50,000-500,000 ohms with self-contained battery; 0-0.1-1.0-10 microfarads. Capacity calibrated as low as .002 microfarads. Provision is made to test condenser leakage with output potential of set. Handsome hardwood case with cover. Shpg. wt. 12 lbs.

XJ10979—Model 91 Analyzer. **\$58.75**

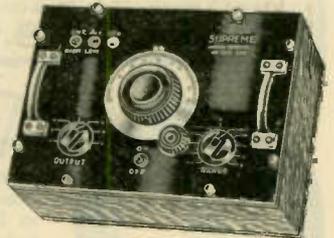
Your Cost

Model 180 Multiwave Signal Generator—90-25,000 K.C.

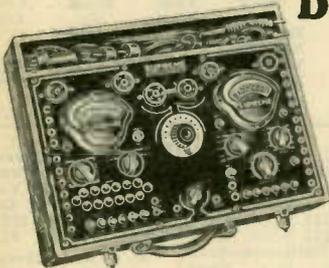
This Signal Generator is a custom-built instrument using a separately modulated stage which modulates the carrier frequency at approximately 50% at 400 cycles. Covers an extensive frequency range extending from 90 to 25,000 K.C. (3300 to 12 meters), and has a guaranteed accuracy of 1/2 of 1%. Output is calibrated in micro-volts. The circuit utilizes a type '32 tube as an oscillator and a type '30 as modulator. Two 4 1/2-volt batteries supply the filament voltages, two 2 1/2-volt "B" batteries supply the necessary plate voltages. The total power consumption is only 0.315 watts. Designed for laboratory use, instrument is housed in an oak case with two handy carrying handles. Shpg. wt. 21 lbs.

XJ10878—Model 180 Multiwave Signal Generator. **\$58.75**

Your Cost



New 1934 Standard Diagnometer



Combined TUBE TESTER; OHM and MEGOHMMETER; SHIELDED OSCILLATOR; CAPACITY METER and the NEW FREE REFERENCE POINT SYSTEM ANALYZER. The finest and most complete testing laboratory ever made by the acknowledged leader in the field. Supreme Multimeter circuit uses the new full wave crystalline rectifier accurately calibrated for the following ranges: 0-5-25-125-250-500-1,250 volts A.C. and D.C.; 0-5-25-125-250-500-1,250 D.C. milliamperes. Capacity ranges are: .0025-.125-1.25-12.5 mfd. Resistance ranges are 0-1,000-10,000-100,000 ohms. Additional range up to 1 megohm available by using external 45-volt battery. All readings are directly on dial, no charts necessary.

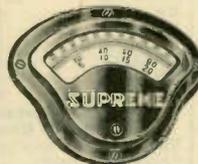
Exclusive Supreme FREE REFERENCE POINT SYSTEM of analysis. All point-to-point analytical measurements are made by the use of plainly marked tip jacks. An A.C.-operated completely shielded 100% modulated oscillator with variable attenuator is employed. The oscillator of each diagnometer is individually calibrated for all tuning requirements from 100 K.C. to 21,000 K.C. (21 megacycles), covering all commonly used intermediate and broadcast frequency bands. Shpg. wt. 29 lbs.

XK10957—Standard Diagnometer. **\$97.95**

Your Cost

5" D'Arsonval Meter

Model 310 Meter



The new Supreme Model 310, with an 0-1 mil. movement, is a 5" d'Arsonval meter; especially designed and built for universal application in radio testing equipment. The pointer moves over a range which is more than 26% longer than the usual meter scale. The meter scale has ranges of 0-5-25-125 milliamperes or volts. The fan-shaped bakelite housing is moulded for semi-flush mounting so that it may be mounted in a circular hole just as any ordinary type meter is mounted. Each meter is complete with a circuit diagram showing resistance values enabling the serviceman to construct his own point-to-point tester for A.C. or D.C. A dimensional drawing is supplied with each meter which may be used as a template for drilling a panel. A rectifier for the above may be obtained separately, as listed below.

XJ10903—Model 310 Meter. **\$6.25**

Shpg. wt. 4 lbs.

Your Cost

XJ10904—Rectifier for above. **\$2.75**

Your Cost

NOTE

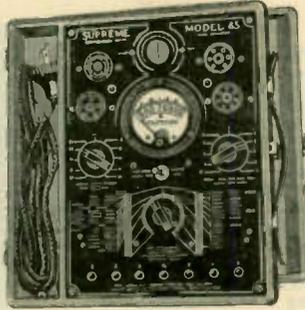
We carry a complete stock of all Supreme Instruments. Write for free Catalog describing and quoting prices on all Supreme models. Descriptions are much more complete than those given here due to limited space. Also quotes prices for modernizing your old Analyzer into a new Supreme model.

Equipment



SUPREME Model 85 Tube Tester

A complete portable Tube Tester that not only checks tubes for mutual conductance (the commonly used method) but also for leakage. Many tubes, that check good on an ordinary tube checker, have high resistance leaks between elements. These leaks effectively shunt the input and output circuits of the tube and reduce the volume considerably. The new model Supreme Tube Checker immediately indicates tubes having these faults and in addition makes all the commonly used tests for mutual conductance, shorts between elements, presence of gas, etc. Operation is extremely simple so that even an inexperienced store clerk can readily check any type of tube quickly and accurately. A single large open faced meter is used for both checking of line voltage and for indicating tube condition as either good—bad—or doubtful. Encased in a beautifully finished hardwood carrying case with detachable cover so that the instrument may be used for portable or counter use.



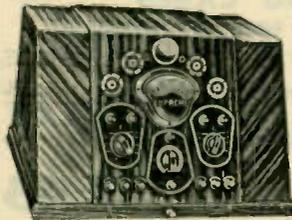
Shpg. wt. 15 lbs.

XN10996—Supreme Model 85 Portable

Your Cost

\$39.15

Counter Model



Essentially the same instrument as the above but mounted in an attractive walnut case especially designed for use on the counter in stores, or on the bench in the laboratory. Panel is mounted at an angle for easy operation and to permit customer seeing the test made on each of his tubes. This instrument will help you sell tubes.

Shpg. wt. 22 lbs.

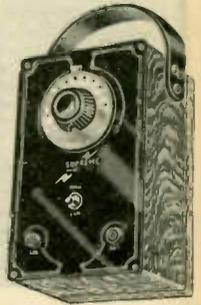
XN10994

Your Cost

\$39.15

Model 61 All-Wave Oscillator

This new oscillator is designed to cover all frequencies from 100 K.C. to 21,000 K.C. It utilizes the low fundamental tuning range of approximately 100 to 250 K.C. with harmonic signals to 2500 K.C. and a high fundamental tuning range from approximately 2500 K.C. to 5250 K.C. Harmonic signals to 21,000 K.C. The use of the harmonic tuning principle assures unusually sharp tuning for all adjustments. Using only the fourth harmonic of the 5250 K.C. fundamental, it is readily seen that a very strong signal is provided as high as 21,000 K.C. Tuning is by means of a precision dial with a self-adjusting index. Each oscillator is laboratory calibrated and supplied with a hand-drawn tuning chart drawn to an accuracy of 1/2 of 1%. Fixed attenuation assures frequency stability. Uses 1 type 31 tube. Tube used in calibration supplied with each instrument. The power is supplied through a self-contained stepdown transformer. Oscillator is completely shielded in a cast aluminum case with a bakelite covered aluminum panel and mounted in a beautifully finished hardwood case with a leather handle. A shielded antenna and ground cable is supplied with each instrument. Shpg. wt. 17 lbs.

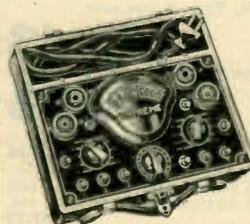


XK10993
Your Cost

\$24.45

Tube Tester Model 35

In speed of operation and accuracy of test this new checker is a remarkable value at this low price. Indicates the true condition of all tubes in terms of "good" or "bad" based on accurate calibration. Line voltage adjustment from 98 to 125 volts. Indicates short-circuited conditions between all elements of all tubes. It is equipped with the new Supreme 6" meter. The entire



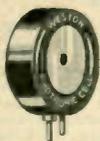
assembly is enclosed in a quartered white oak carrying case.

Shpg. wt. 17 lbs.

XK10992

Your Cost

\$29.35



WESTON Photronic Cell

Delivers an electric current when exposed to light. Current varies with light intensity from 1 microamp. on 1 foot candle to approximately 5 mills. in daylight. Bakelite case 2 1/4" in diameter, 1" thick. Shpg. wt. 1 lb.

XN14139
Your Cost Each

\$7.35

RCA 868 Photo-Cell

Caesium type. Operates on 90 V. 4 1/2" long and 1 3/4" diameter. UX Base.

XV19132
Your Cost

\$4.50

CATHODE RAY OSCILLOGRAPH By Standard Instruments

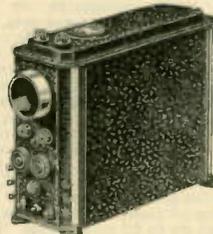
A complete A.C. operated Cathode Ray Oscillograph designed for Broadcast Engineers, Sound Laboratories and Amateurs. It will check harmonic content over the entire audio range. Will check percentage modulation of radio frequency transmitters. It can also be used—for locating regenerative, oscillatory or blocking conditions in audio amplifiers, etc.

It incorporates: linear sweep over entire audio range, positive frequency locking control, provision for external sweep, complete shielding—all aluminum, cathode ray tube shielded with seamless cylindrical magnetic tube, variable shadow box for use in broad daylight, continuously variable high voltage, automatic power shutoff control, double fused line, and accurate meter measurements for control of D.C. voltage and sensitivity. Uses 1-906, 1-885, 1-6D6 and 2-5Z3 tubes. Shpg. wt. 25 lbs. List \$200.00

XN13990—Cathode Ray Oscillograph, less tubes

Your Cost

Complete set of tubes for above



\$120.00

521.89

CETRON Photo-Cells

The Cetron Photo Electric Cell is the latest development in photo-cell manufacture. It is a product of years of development and the organization employed in its manufacture has made thousands of electronic devices per day for fifteen years. They have greater sensitivity and longer life and are used as standard equipment by many manufacturers of talking picture equipment.

Type CE1 Caesium cell used in RCA Photophone, QRS DeVry, Sonofilm, Guthrie Sound Equipment, etc. 3 1/2" x 1" d.

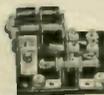
Your Cost **\$7.50**

Type CE7—Caesium Cell used in Theater Equipment, Electric Eye, etc. 4 x 1 1/4" d.

Your Cost **\$7.50**



PESE Photo-Electric Cell and Supersensitive Relay



A photo-conductive type cell that varies its resistance from dark to bright light at a ratio of approximately 18 to 1. Will pass 150 microamperes at 90 volts. This is sufficient current to operate moving coil type relays without amplification. Better results are obtained when used with a single stage



of amplification. Although suitable for many small industrial applications, these units are designed expressly for experimental use. Relay is sensitive enough to operate with as little as 1 milliamper. Secondary contacts will handle up to 1 ampere. 3000 ohms D.C. resistance, other resistances available. An extremely interesting and valuable booklet giving complete, profusely illustrated instructions for using this cell in experimental and commercial circuit applications is included with each unit. Shpg. wt. 2 lbs. each.

XN14187—Pese Photo-Electric Cell

Your Cost

\$1.50

XN14188—Pese Supersensitive Relay

Your Cost

\$3.00

RHAMSTINE "Electric Eye"



When used in conjunction with suitable "Light Source" (such as one below), the "Eye" may be used as counter, sorter, checker, in alarm systems, window displays, and many other industrial and experimental uses. Consists of a Caesium cell, a heavy duty relay which handles up to 100 watts on its contacts, and an amplifying tube. Housed in metal case with sliding back, size 5x6 1/2 x 5". Shpg. wt. 6 lbs.

XN14140

Complete "Electric Eye"

Your Cost

\$14.10

Light Source

Built to match the "Electric Eye." Consists of a light bulb transformer and magnifying lens, housed in a metal cabinet 5x6 1/2 x 4 1/2" overall. Light bulb is adjustable for focusing. For use in 110 volts A.C. Comes complete with line cord and plug. Shpg. wt. 6 lbs.

XN14141—Your Cost

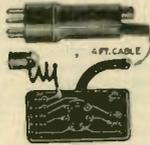
\$6.45



Model 665-6 Selective Analyzer



This model analyzer consists of two units. One, the analyzer proper, which is a Model 665 Type 2 "Pin Jack Model," employing a series of pin jacks in place of a rotary switch for the selection of ranges. It has the following ranges, A.C. and D.C. volts: 1,000, 500, 250, 100, 50, 25, 10, 5, 2.5, 1; all with a sensitivity of 1,000 ohms per volt. The current ranges are: 1,000, 500, 250, 100, 50, 25, 10, 5, 2.5, 1 milliamperes, D.C. only. Resistance readings may be made from 1 ohm to 1 megohm. The customary grid test, including both high and low grid tubes,

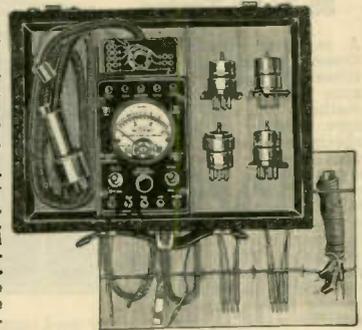


can be made on the tubes. The A.C. ranges, for ordinary A.C. measurements as well as for output readings, are obtained through the use of a copper oxide full wave bridge type rectifier. The other unit is the Model 666 Type 1-A Socket Selector consisting of a tester plug with a 4-foot cable wired to a tube socket in the selector block. The socket terminals are connected as shown by white tracer lines to pin jacks on either end of the block; jacks are also provided for cap and ground lead connection. All jacks are in duplicate except for the filament circuit. The unit is complete with 7-prong plug, 4, 5, 6, and large 7-prong adaptors.

- XJ10589**—Selective Analyzer Model 665; Type 2, less case. Shpg. wt. 7 lbs. List \$55.00. **Your Cost \$40.42**
- XJ10588**—Selector Unit Model 666, Type 1-A. Shpg. wt. 3 lbs. List \$15.00. **Your Cost \$11.03**
- XJ10579**—Pair of Jumper Cables for use with selectors. **Your Cost, Per Pair \$0.56**
- Model 666—Type 2 Condenser Unit**
Similar in appearance to Type 666, 1-A Selector Unit. Used to test capacities with Model 665, Type 1 or 2 Analyzers. Shpg. wt. 2 lbs. **XJ10548**—List \$10.50. **Your Cost \$7.72**
- Model 665, Type 1 Analyzer**
Similar to 665, Type 2 Analyzer, except with rotary switch in place of pin jacks. Shpg. wt. 8 lbs. **XJ10549**—List \$70.00. **Your Cost \$51.45**

The Selective Set Servicer

Model 698



The Selective Set Servicer has included in it a Weston Universal Volt-Ohm-Milliammeter, equipped with a Model 301 instrument, a complete Model 666 Type 1-A Socket Selector Set; all necessary leads and a substantial leatherette carrying case. The meter ranges are: 750, 150, 15, 7.5 volts A.C. and D.C. 500,000-5,000 ohms full scale, 3,500-35 ohms center scale. (Diagram showing how to increase the voltage range and the ohmmeter range to 5 megohms, with external batteries is included with this tester.) 75-7.5 milliamperes D.C. only. Voltage, current, resistance and continuity measurements may be made in any receiver. Obsolete or inefficient test equipment can now be replaced with a quality instrument at a moderate cost. The Serviceman's investment in a Model 698 will be quickly repaid, not only in profits, but also in satisfaction and service. Complete with instructions and tube base chart.

XJ10592—Shpg. wt. 11 lbs. **Your Cost \$33.80**

CARRYING CASES

FOR SINGLE AND MULTIPLE UNITS

- Single unit cases are available for individual units with a space for test prods and test equipment.
- XJ10574**—Single Unit Case. Specify type unit case to be used. Shpg. wt. 3 lbs. **Your Cost \$3.67**
- Multiple unit cases are available for carrying five units with a space for test prods and tools.
- XJ10575**—Multiple Unit Case. Shpg. wt. 10 lbs. **Your Cost \$11.03**

Model 694 Oscillator



This oscillator, having many improvements in design, gives a clear, sharp signal with approximately 30% modulation on all bands. In tuned radio frequency sets, as well as in the radio frequency stages of a superhetrodyne, correct aligning of the R.F., I.F., oscillator and detector circuits is easily accomplished, by the use of a separately modulated R.F. signal, controlled as to intensity and frequency. It can be used modulated or unmodulated, as controlled by a toggle switch. This oscillator is separately modulated and covers a frequency range of 100 K.C. to 3,000 K.C. These frequencies are all fundamentals. By using harmonics of these fundamentals, it is possible to go up to 22 megacycles. The signal from both the low and high output jacks is controlled by the attenuator thus

affording a continuously variable attenuation from a very high maximum to a minimum of well below 1 microvolt. **XJ10597**—Model 694, less case. Shpg. wt. 14 lbs. **Your Cost \$39.45**

Model 663 Volt-Ohmmeter

This volt-ohmmeter has a 50-microampere movement. It is connected into the circuit network by means of a control switch which selects the desired range of the six available ohmmeter ranges, or as a milliammeter or voltmeter for D.C. current and voltage measurements. The scale of the indicating instrument is marked 0-1,000 ohms, 0-2.5, 3 10 volts and milliamperes. The following ranges are available: 0-5, 25, 250, 2,500, 25,000, 250,000 ohms center scale; 0-200, 1,000, 10,000, 100,000, 1,000,000, 10,000,000 ohms full scale; 0-2, 5, 10, 100, 250, 500, 1,000 volts, 1000 ohms per volt; 0-1, 5, 25, 100 milliamperes full scale at about 500 M.V. **XJ10569**—Model 663 Volt Ohmmeter. Shpg. wt. 8 lbs. **Your Cost, Less Case \$44.10**

Model 664 Capacity Meter

This is a meter with a wide range of capacity and A.C. voltage measurements. Ranges—Microfarads: 10-200, 1-20, 0.1-2, .01-0.2, 0.0001-0.02 volts; 4, 8, 40, 200, 400, 800 A.C., 1,000 ohms per volt. It is operated much like the Model 663 Volt-Ohmmeter. A main switch selects capacity or voltage ranges. Power supply is from a self-contained transformer operating from any 60-cycle, 105 to 130-volt line through a voltage adjuster. This model is complete with test leads and instructions. **XJ10573**—Model 664 Capacity Meter. Shpg. wt. 9 lbs. **Your Cost, Less Case \$40.42**

Model 564 Volt-Ohmmeter



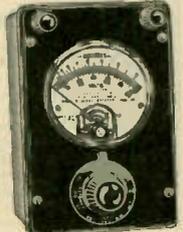
A small compact Volt-Ohmmeter with ranges of 0, 3, 30, 300, 600 volts and 1,000-100,000 ohms. Supplied with self-contained battery and 50' test leads. A control is provided to compensate for drop in battery voltage. Two toggle switches select ohmmeter ranges and change meter for volt or ohmmeter circuits. Bakelite case size 5 1/2 x 3 1/4 x 3". Shpg. wt. 3 lbs. **XJ10554**—Model 564 Volt-Ohmmeter, Type 3A. **Your Cost \$22.05**
XJ10580—Same, with 1 Meg. range added. Type 3B. **Your Cost \$22.16**

Model 571 Output Meter

A five-range copper-oxide rectifier type voltmeter in a bakelite case. Ranges of 150, 60; 15, 6 and 1.5 volts are brought out to pin jacks through a dial switch. A self-contained condenser for blocking any D.C. component is brought out to a separate pin jack for use when desired. Furnished with long test leads with clips for connection to speaker voice coil and an adapter for connections at the tube socket. Shpg. wt. 3 lbs. **XJ10553**—Your Cost \$22.05

Model 695 Power Level and Voltmeter

This instrument was designed for power measurement work in servicing all types of sound equipment and radio receivers where readings are desired in decibels. The meter is for a 500 ohm load. The voltmeter has the following ranges: 1 1/2, 6, 15, 60, 150 volts. The Db. scales on the meter are: -10, -0, -6 Db. A special T. F. pad with eleven positions allows a maximum range of -18 to +38 Db., or a spread of 56 Db. Shpg. wt. 6 lbs. **XJ10594** **Your Cost \$26.46**
NOTE: We can supply special slow or high speed models. Prices on request.



NOTE

We can supply any Weston instrument not shown, at a discount of 25% and 2%. Write for new Complete Weston catalog.



**Model 301
D. C. Instruments**

Permanent magnet moving coil type. Accurate within 2%. They are supplied as Voltmeters, Volt-Ohmmeters, Ammeters, Milliammeters and Microammeters. Weight approximately 8 ounces.

**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". Diameter of barrel 2 1/8".

| Stock No. | Range | List Price | Your Cost |
|-----------|-------|------------|-----------|
| XJ10603 | 3 | \$9.00 | |
| XJ10604 | 5 | 9.00 | |
| XJ10606 | 8 | 9.00 | |
| XJ10607 | 10 | 9.00 | |
| XJ10608 | 15 | 9.00 | |
| XJ10615 | 150 | 11.25 | 8.27 |
| XJ10618 | 300 | 16.50 | 12.12 |
| XJ10619 | 500 | 19.50 | 14.33 |
| XJ10620 | 1000* | 28.50 | 20.94 |
| XJ10622 | 2000* | 45.00 | 33.07 |

*Supplied with external resistor.

Resistance 1000 Ohms per Volt

| Stock No. | Range | List Price | Your Cost |
|-----------|--------|------------|-----------|
| XJ10659 | 150 | \$14.00 | \$10.29 |
| XJ10662 | 500 | 17.25 | 12.67 |
| XJ10664 | 200/8* | 16.00 | 11.02 |

**MODELS 301
D. C. AMMETERS**

| Stock No. | Range | List Price | Your Cost |
|-----------|-------|------------|-----------|
| XJ10630 | 1 | \$9.00 | |
| XJ10635 | 5 | 9.00 | |
| XJ10637 | 10 | 9.00 | |
| XJ10638 | 15 | 9.00 | |
| XJ10639 | 20 | 9.00 | |
| XJ10640 | 30 | 9.00 | |

D. C. Milliammeters

| Stock No. | Range | List Price | Your Cost |
|-----------|---------|------------|-----------|
| XJ10675 | 1 | \$10.00 | |
| XJ10676 | 1.5 | 10.00 | |
| XJ10677 | 2 | 10.00 | |
| XJ10678 | 3 | 10.00 | |
| XJ10679 | 5 | 9.00 | |
| XJ10680 | 10 | 9.00 | |
| XJ10681 | 15 | 9.00 | |
| XJ10683 | 25 | 9.00 | |
| XJ10684 | 30 | 9.00 | |
| XJ10685 | 50 | 9.00 | |
| XJ10686 | 100 | 9.00 | |
| XJ10687 | 150 | 9.00 | |
| XJ10688 | 200 | 9.00 | |
| XJ10689 | 250 | 9.00 | |
| XJ10690 | 300 | 9.00 | |
| XJ10691 | 500 | 9.00 | |
| XJ10694 | 150/15* | 14.00 | |
| XJ10695 | 150/30* | 14.00 | |

Micro-Ammeters

| Stock No. | Range | List Price | Your Cost |
|-----------|-------|------------|-----------|
| XJ10701 | 200* | \$14.25 | 10.48 |
| XJ10720 | 500* | 14.25 | |

*These instruments are adjusted to use in horizontal or 45° position.

Ohmmeters

| Stock No. | Ohms | Res. per V. | Your Cost |
|-----------|-----------|-------------|-----------|
| XJ10627 | 0-100,000 | 1000 | 9.92 |
| XJ10628 | 0-500,000 | 1000 | |

**MODELS 476
A. C. VOLTMETERS**

Movable iron type for A. C. only. They are accurate within 2%.

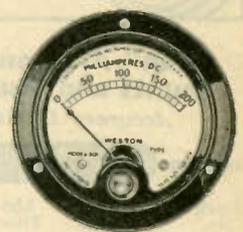
| Stock No. | Approx. Ohms | Volts per Volt | Your Cost |
|-----------|--------------|----------------|-----------|
| XJ10746 | 1.5 | 3 | |
| XJ10747 | 2 | 4 | |
| XJ10748 | 3 | 6 | |
| XJ10749 | 5 | 10 | |
| XJ10750 | 8 | 10.5 | |
| XJ10751 | 10 | 14 | |
| XJ10752 | 15 | 14 | |
| XJ10753 | 20 | 26.3 | |
| XJ10754 | 25 | 26 | |
| XJ10755 | 30 | 26.3 | |
| XJ10756 | 50 | 52 | |
| XJ10758 | 150 | 105 | 8.27 |
| XJ10760 | 300 | 167 | 12.12 |
| XJ10762 | 500 | 167 | 14.33 |

**Model 476
A. C. Ammeters**

| Stock No. | Amps. | Approx. Total Res. | Your Cost |
|-----------|-------|--------------------|-----------|
| XJ10775 | 1 | .2030 | |
| XJ10776 | 1.5 | .082 | |
| XJ10777 | 2 | .05 | |
| XJ10778 | 3 | .024 | |
| XJ10779 | 5 | .010 | |
| XJ10780 | 10 | .0058 | |
| XJ10781 | 15 | .00219 | |
| XJ10782 | 20 | .00162 | |
| XJ10783 | 30 | .00070 | |
| XJ10784 | 50 | .00057 | |

**Model 476
Milliammeters**

| Stock No. | Milli-Amps. | Approx. Total Res. | Your Cost |
|-----------|-------------|--------------------|-----------|
| XJ10785 | 15 | 2000 | |
| XJ10786 | 25 | 690 | |
| XJ10787 | 50 | 175 | |
| XJ10788 | 100 | 28 | |
| XJ10789 | 250 | 4.7 | |
| XJ10790 | 500 | 1.1 | |



**Model 506
D. C. Voltmeters**

| Stock No. | Volts | List | Net |
|-----------|-------|--------|--------|
| XJ10799 | 10 | \$7.50 | \$5.51 |
| XJ10801 | 50 | 7.50 | |
| XJ10802 | 100 | 8.50 | 6.24 |

**Model 506
D. C. Milliammeters**

| Stock No. | M. A. | List | Net |
|-----------|-------|--------|--------|
| XJ10817 | 1 | \$8.50 | \$6.24 |
| XJ10820 | 5 | 7.50 | |
| XJ10821 | 10 | 7.50 | |
| XJ10822 | 15 | 7.50 | |
| XJ10824 | 50 | 7.50 | |
| XJ10825 | 100 | 7.50 | \$5.51 |
| XJ10826 | 150 | 7.50 | |
| XJ10828 | 300 | 7.50 | |
| XJ10829 | 500 | 7.50 | |

Model 506 Ammeter

| Stock No. | Amps. | List | Net |
|-----------|-------|--------|--------|
| XJ10816 | 10 | \$7.50 | \$5.51 |

**Model 517
A. C. Voltmeters**

Movable iron type for A. C. only. Accurate within 2%.

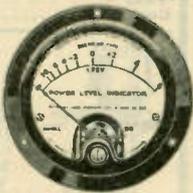
| Stock No. | Volts | List | Net |
|-----------|-------|--------|--------|
| XJ10844 | 3 | \$7.50 | |
| XJ10845 | 5 | 7.50 | |
| XJ10846 | 10 | 7.50 | \$5.51 |
| XJ10847 | 15 | 7.50 | |
| XJ10848 | 25 | 7.50 | |
| XJ10849 | 50 | 7.50 | |
| XJ10851 | 150 | 9.75 | 7.16 |
| XJ10853 | 300 | 15.00 | 11.02 |

NOTE

Metal cased meters are supplied as regular stock items unless bakelite cases are specified. We can supply any instrument not shown in the listing. Write for new Weston catalog which describes many new precision meters.

**Thermo-Couple
Radiation
Meters**

These type thermo-couple meters are most accurate for checking the antenna currents of transmitters.

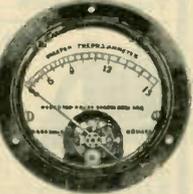


| Stock No. | Model | Amp. | Your Cost |
|-----------|--------------|------|-----------|
| XJ10730 | 3 1/4" Model | 1.0 | |
| XJ10731 | 2" Model | 1.5 | |
| XJ10732 | XJ10719 | 2.0 | |
| XJ10733 | XJ10720 | 2.5 | |
| XJ10734 | XJ10721 | 3.0 | |
| XJ10735 | XJ10722 | 4.0 | |
| XJ10736 | XJ10723 | 5.0 | |

Model 425—3 1/4" **\$11.76**
Your Cost, Any Type
Model 507—2" **\$10.65**
Your Cost, Any Type

**Power Level Indicator
Model 301**

This bakelite cased meter indicates directly the relative strength of a given signal to a standard reference signal of 6 milliwatts in a 500 ohm load. Self-contained rectifier type, having a scale reading in D.B.—10-0+6 D.B. The instrument alone has a resistance of 5,000 ohms. Shpg. wt. 2 lbs. XJ10593—Model 301



\$14.70
Your Cost

Special 0-1 Mill. Meter

Type 301. Adjusted to 1 milliamperes at 50 M.V. Has scale with following ranges: 0-50-250-1000 volts; 0-100,000 ohms. Designed for those wishing to construct their own volt-ohmmeters. No resistors with meter. Shpg. wt. 3 lbs. List \$10.00 XJ10772—Your Cost **\$7.35**

Resistors and Shunts



Resistors are accurate to within 1/4 of 1%.

RESISTORS

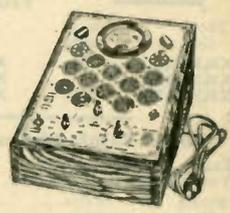
| Stock No. | Res. Ohms | Your Cost | Stock No. | Res. Ohms | Your Cost |
|-----------|-----------|-----------|-----------|-----------|-----------|
| XH10174 | 500 | | XH10183 | 60,000 | \$1.11 |
| XH10175 | 1,000 | | XH10184 | 75,000 | 1.25 |
| XH10176 | 4,950 | | XH10185 | 100,000 | 1.40 |
| XH10177 | 5,000 | 92c | XH10186 | 150,000 | 1.55 |
| XH10178 | 10,000 | | XH10187 | 200,000 | 1.84 |
| XH10179 | 25,000 | | XH10188 | 250,000 | 1.99 |
| XH10180 | 30,000 | | XH10189 | 300,000 | 2.14 |
| XH10181 | 40,000 | \$1.13 | XH10190 | 400,000 | 2.31 |
| XH10182 | 50,000 | | XH10191 | 500,000 | 2.50 |

27 M.V. SHUNTS

| Stock No. | M.A. | Your Cost | Stock No. | Amp. | Your Cost |
|-----------|------|-----------|-----------|------|-----------|
| XH10192 | 2.5 | | XH10197 | 1 | |
| XH10193 | 25 | 92c | XH10198 | 2 | \$4.05 |
| XH10194 | 100 | | XH10199 | 10 | |
| XH10195 | 250 | | | | |
| XH10196 | 500 | | | | |

Model 682 Tube Checker

Portable or Counter Types



This new Weston Tube Tester will check all types of tubes in use today and in addition, spare sockets are provided to take care of new types that may be developed. The meter scale is of the direct reading type so that your customer is readily convinced that his tubes require replacing because he can actually read the test himself and does not have to rely upon the word of a clerk. All of the modern checks are made—short test for shorts between elements—cathode leakage test, etc. When you check a tube in this tester you know whether it is good or bad.

CHECKS INDIVIDUAL PLATES

Individual diode plates and rectifier plates can be checked so that if only one is weak it can be readily ascertained. A line voltage regulator is included to compensate for variations in the current supply voltage. The case for counter display use holds the tester at an "easy reading" angle. Attractively finished in two shades of fawn with a silver edging.

This checker is in two types. Type-1 portable is in a leatherette carrying case and Type-2 is a counter model in a walnut case. Both are complete with instruction. Shpg. wt. 14 lbs.

XJ10867—Type-1
XJ10864—Type-2
Your Cost, Either Type **\$28.66**



METER ACCESSORIES

"Van" A. C. and D. C. Shunts and Multipliers

Accuracy Limits 2%



| Stock No. | Ohms | List Price | Your Cost |
|-----------|-----------|------------|-----------|
| XK10937 | 3,000 | \$1.00 | |
| XK10925 | 4,950 | 1.00 | |
| XK10926 | 5,000 | 1.00 | |
| XK10938 | 6,000 | 1.00 | |
| XK10927 | 10,000 | 1.00 | |
| XK10939 | 30,000 | 1.00 | |
| XK10928 | 40,000 | 1.25 | |
| XK10929 | 45,000 | 1.25 | |
| XK10930 | 50,000 | 1.25 | |
| XK10944 | 60,000 | 1.25 | |
| XK10931 | 95,000 | 1.50 | |
| XK10932 | 100,000 | 1.50 | |
| XK10945 | 150,000 | 1.50 | |
| XK10933 | 245,000 | 2.00 | |
| XK10934 | 250,000 | 2.00 | |
| XK10974 | 300,000 | 2.00 | |
| XK10935 | 500,000 | 3.00 | |
| XK10936 | 1,000,000 | 3.50 | |

58°
73°
88°
\$1.18
51.76
2.06

Special VAN Multipliers for 1000 Ohm Copper Oxide Rectifiers

Measurements are calibrated at half scale on a 1 Mil. 50 M. V. Weston 301 meter. 50-volt and over ranges are read on the regular D. C. scale. Ranges of 5 and 10 volts require the correction markings as used on the A. C. scale of the No. 4 VAN Dial.

| Stock No. | Range | Resis. Ohms | Your Cost |
|-----------|--------|-------------|-----------|
| XK10905 | 5 V. | 3,200 | |
| XK10906 | 10 V. | 7,500 | |
| XK10907 | 50 V. | 41,000 | 50.73 |
| XK10908 | 100 V. | 84,000 | 0.88 |
| XK10909 | 250 V. | 212,000 | 1.18 |
| XK10917 | 500 V. | 425,000 | 1.47 |

For 1,000 V. scale use two Cat. No. XK10917 resistors in series.

Multiple Shunts

| Stock No. | Milli-amps. | Stock No. | Milli-amps. |
|-----------|-------------|-----------|-------------|
| XK10910 | 5 | XK10913 | 50 |
| XK10911 | 10 | XK10914 | 100 |
| XK10912 | 25 | XK10915 | 500 |

For Triplett Meters, 30 M. V. Each, Your Cost

| Stock No. | Milli-amps. | Stock No. | Milli-amps. |
|-----------|-------------|-----------|-------------|
| XK10960 | 5 | XK10963 | 50 |
| XK10961 | 10 | XK10964 | 100 |
| XK10962 | 25 | XK10965 | 500 |

For Weston 301 and Beede 50 M. V. Meters

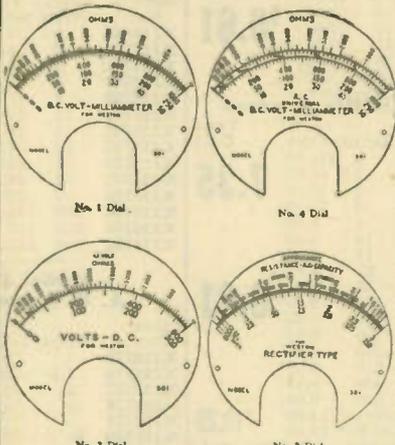
| Stock No. | Milli-amps. | Stock No. | Milli-amps. |
|-----------|-------------|-----------|-------------|
| XK10918 | 5 | XK10921 | 50 |
| XK10919 | 10 | XK10922 | 100 |
| XK10920 | 25 | XK10923 | 500 |

Series Tapped Shunts

| Stock No. | Milli-amps. | Stock No. | Milli-amps. |
|-----------|-------------|-----------|-------------|
| XK10924 | 5-25-100 | XK10927 | 5-25-100 |

XK10924—For Universal 301, 50 M. V. meter. Tapped 5-25-100 mills. Each, Your Cost

Silver Plated Metal Meter Dials

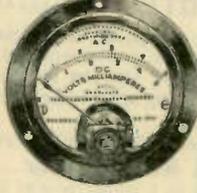


Metal dials, heavily silver plated, with scales etched on in black. Will last indefinitely. For use with Jewell, Weston and Beede meters. Specify type of meter when ordering.

XK10946—Dial No. 1. XK10948—Dial No. 3.
XK10947—Dial No. 2. XK10949—Dial No. 4.
List Price, Each \$0.75.
Your Cost Each

45°

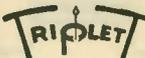
WESTON Rectifier Type A.C.-D.C. Meter Model 301



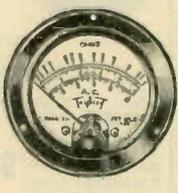
Designed for use with external resistances and shunts for measuring D. C. voltages and current and A. C. voltages. Of the permanent magnet moving coil type with a self-contained copper oxide rectifier for A. C. measurements. Self-contained for 5 volts

and 1 mill. A. C., and 60 millivolts and 1 mill. D. C. Accurate to within 2% D. C.-5% A. C.

XJ10774—List \$19.00.
Your Cost **\$14.25**
WESTON 0-1 MILL, D. C. METER
Type 301. Same construction as the above meter. List \$10.00.
XJ10675—Your Cost **\$7.50**



3" Universal A. C.-D. C. Meter



Uses a copper oxide rectifier in an advanced circuit that minimizes losses due to rectification. With multipliers, scale readings are 0-15-150-750 volts A. C. or D. C. at 1000 ohms per volt. resistance. D. C. milliampere readings are 15-150. Ohms scale 0-1500 and 0-1.5 megs. Comes complete with D. P. D. T. switch for changing from A. C. to D. C. Accuracy on D. C.—2%; on A. C.—5%.
List \$15.00.
XK11281—Your Cost **\$9.80**

TRIPLET 0-1 Mill. D. C. Meters
Type 321—3 1/2" Stock Your Cost \$4.58
Type 223—2" Stock Your Cost \$3.75

Littelfuses for Test Instruments

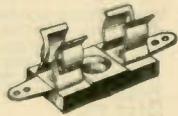
Designed to insure and protect meters and other expensive equipment. Are dependable and accurate. Has many laboratory uses. Breaks circuit immediately on reaching maximum milliampere load. Length 1", diameter 1/4".



| Stock No. | Rating Amps. | Max. Load M.A. | Resist. on 5 Mil. Load | Your Cost Each | Your Cost Doz. |
|-----------|--------------|----------------|------------------------|----------------|----------------|
| XN12385 | 1-100 | 5 | 138 ohms | | |
| XN12386 | 1 1/2 | 15 | 65 " | \$0.12 | \$1.38 |
| XN12387 | 1 1/2 | 65 | 21 " | | |
| XN12388 | 1 1/2 | 100 | 3.5 " | | |
| XN12389 | 1 1/2 | 100 | 26 " | | |
| XN12390 | 2 | 200 | 6.2 " | \$0.09 | \$1.05 |
| XN12391 | 3 | 300 | 3.0 " | | |
| XN12392 | 3 1/2 | 400 | 2.5 " | | |
| XN12393 | 4 | 600 | 1.0 " | | |
| XN12394 | 1 | 1000 | .36 " | \$0.06 | \$0.70 |
| XN12395 | 2 | 2000 | .14 " | | |

Littelfuse Mountings

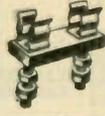
These attractive mountings have a base of moulded bakelite. Are furnished with plated fuse clips, slotted to hold fuse rigid. Has terminals of tinned phosphor bronze. Base is 1 1/4 x 3/4 x 1/4".



XN12383—Your Cost Each **9°**

Littelfuse Panel Type Mounting

For sub-panel use. Studs are 1" long and have 6-32 thread. For 1" fuses only. Base of fine bakelite. Size 1 1/2 x 3/4 x 3/8".



XN12382—Your Cost Each **12°**

Fusible Jack

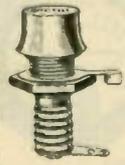
For Meter protection. Mounts directly on binding post. Instrument Fuse mounted inside barrel easily renewable.



XN12384—Your Cost **35°**

Fusible Binding Post

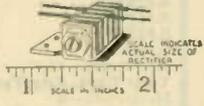
Knob is made of highly polished white essence of pearl. Fuse is replaced by unscrewing knob. Knob dia. 3/8".



XN12374—Your Cost **45°**

"Taurex" Copper Oxide Rectifier

For D. C. meter conversion. Converts D. C. milliammeters of 15 M. A. or less to A. C. milliammeters. With proper resistors can measure up to 1000 volts. Only 1/4 x 3/8". Full instructions included. Shpg. wt. 1 lb.



XJ10570—Your Cost Each **\$2.95**

Meter Mount for 3 1/2" Metal or Bakelite Cased Meters

This mount is a very useful device to have around the shop or laboratory. Mounts the meter in a 45-degree position. Shpg. wt. 1 lb.



XJ10590—2 binding posts. **\$1.47**
Your Cost
XJ10591—3 binding posts. **\$1.84**
Your Cost
XJ10592—4 binding posts. **\$2.02**
Your Cost

FUSES SOCKETS CONNECTORS

Radio and Auto Fuses



Available in 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30 amp. sizes. Shpg. wt. 4 oz.
XL12375—Tin of 5 (any one size).
Your Cost..... **14c**

Cartridge Fuses

STANDARD APPROVED TYPES



XM13205—20 Ampere
XM13206—30 Ampere
Your Cost Each..... **7c**
Carton of 10..... **60c**



Plug Fuses

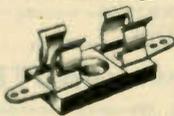
Guaranteed to act promptly at their rated load. Crystal mica window makes inspection easy. Not

to be confused with the ordinary cheap type of plug that often comes apart when inserting.

XM13200—6 amp.
XM13201—10 amp. **Your Cost Each**
XM13202—15 amp. **4c**
XM13203—20 amp.
XM13204—30 amp.
Carton of 5..... **18c**

Bakelite Fuse Mounts

Panel Type
 Bakelite base. Bronze clips, plated.
XL12344—
Each..... **8c**



Sub-Panel

For standard size fuses. Has $\frac{1}{4}$ " studs. Bakelite base.
XL12327—
Each..... **9c**



LITTELFUSE Products

High Voltage Littelfuses



Efficient, renewable type fuses. Multi-break fuse wire blows each $\frac{1}{2}$ " of its length. Rated to blow at 50% above rating.

| 1000 Volt | | 5000 Volt | |
|----------------|-----------|----------------|-----------|
| Stock No. | Your Cost | Stock No. | Your Cost |
| XN12350 | 24c | XN12360 | 42c |
| XN12351 | 21c | XN12361 | 42c |
| XN12352 | 21c | XN12362 | 39c |
| XN12353 | 21c | XN12363 | 39c |
| XN12354 | 21c | XN12364 | 39c |
| XN12355 | 24c | XN12365 | 39c |
| XN12356 | 24c | XN12366 | 45c |
| XN12357 | 24c | XN12367 | 45c |
| XN12358 | 24c | XN12368 | 45c |

10,000 Volt Type—10x $\frac{1}{4}$ "

| Stock No. | Amps. | Your Cost |
|----------------|-------|------------|
| XL12346 | 1 | 60c |
| XL12347 | 1 1/2 | |
| XL12348 | 2 | |
| XL12349 | 3 | |
| XL12341 | 1 | 75c |
| XL12342 | 1 1/2 | |
| XL12343 | 2 | |
| XL12344 | 3 | |
| XL12345 | 4 | |

Clips only for above.
XL12340—
Your Cost Each..... **8c**

Fuse Retainer



A special fuse holder designed for use with auto radio sets. Two piece connector of heavy metal, with fibre inside insulation. Heavy spring contact assures perfect connection at all times. $2\frac{1}{2}$ " long.
XL12372—
Your Cost Each..... **9c**

For Radio Sets and Amplifiers



Designed for protection of radio receivers. Used in power supply line. Approved. Size $\frac{1}{4}$ x $\frac{1}{4}$ ".

| Stock No. | No. Amps. | V. | Your Cost Each | Your Cost Doz. |
|----------------|-----------|-----|----------------|----------------|
| XN12378 | 1 | 250 | 5c | 55c |
| XN12379 | 1 1/2 | 250 | | |
| XN12380 | 2 | 250 | | |
| XN12381 | 3 | 250 | 9c | \$1.05 |
| XN12396 | 1/2 | 500 | | |
| XN12397 | 1 | 500 | | |
| XN12398 | 1 1/2 | 500 | | |
| XN12399 | 2 | 500 | | |

Special 'Low Resistance' Auto Radio Fuses

Similar in appearance to the above. Are specially designed for auto sets. Have resistance of approximately 25 to 30% less than standard radio fuses. This low resistance is very important, particularly when used to protect vibrator type eliminators.

| Stock No. | Amps. | Your Cost Each |
|----------------|-------|----------------|
| XL12320 | 5 | 3c |
| XL12321 | 10 | |
| XL12322 | 15 | |
| XL12323 | 20 | |

Antenna Connector



For auto radio sets. Two-piece metal container, fibre inside insulation. Powerful spring contact insures perfect electrical connection. Insures a neat installation, and is an aid when set is serviced.
XR16714—
Your Cost Each..... **6c**

Indicator Fuses



A new type of fuse that has a neon light which glow to indicate blown fuse. The indicator lamp is so protected by a resistance element that no current surge

within the limits marked on the indicator will injure the lamp. No exposed "live" parts; the person replacing the defective unit cannot come in contact with the electric current. Available in 10-15-20-25 and 30 ampere sizes. Specify size when ordering.

XM13207—Indicator fuse complete
Your Cost..... **24c**
Each..... **24c**
XM13208—Refills for above
Your Cost Each..... **4c**

JONES Fuse Mounts



Panel Type

Composition base, nickel plated brass contacts. Single hole mounting. Solder lugs.
XL12329—
Your Cost Each..... **5c**

Sub-Panel Type



Similar to the above, but for sub-panel mounting. Mounting centers $1\frac{1}{4}$ ".
XL12330—
Your Cost Each..... **5c**

Copper Fuse Clips



Punched out of copper and nickel plated. Has many uses.
XL12377—
Your Cost Each..... **2c**
25 for..... **40c**

"SURE-GRIP" Speaker Plugs



Female Plug

XK11528—4-prong plug.
XK11529—5-prong plug.
XK11673—6-prong plug.
XK11674—Large size 7-prong plug.
XK11675—Small size 7-prong plug.
Your Cost Each..... **24c**
Any Type..... **24c**



Sure-Grip Plug

XK11532—4-prong plug.
XK11533—5-prong plug.
XK11678—6-prong plug.
XK11679—Large size 7-prong plug.
XK11680—Small size 7-prong plug.
Your Cost Each..... **15c**
Any Type..... **15c**

Bakelite Cable Plugs



Long handled type. Of moulded bakelite. Body $2\frac{1}{2}$ " long. Base screws tightly into body; is easily removable. Ideal for analyzer or speaker plug. Standard socket prongs. Shpg. wt. 1 lb.

| Stock No. | Prongs | Your Cost Each |
|----------------|--------|----------------|
| XK11715 | 4 | 19c |
| XK11716 | 5 | |
| XK11717 | 6 | |
| XK11718 | 7 S | |
| XK11719 | 7 L | |

Rubber Capped Male and Female Plugs



Moulded rubber. Standard socket arrangement of holes and prongs. Ideal for use with P. A. amplifiers or with equipment used outdoors.

| Male | | Female | |
|----------------|-----------|-----------|--------------------|
| Stock No. | Your Cost | Stock No. | Your Cost |
| XK11705 | 17c | 4 | XK11710 25c |
| XK11706 | 17c | 5 | XK11711 25c |
| XK11707 | 20c | 6 | XK11712 28c |
| XK11708 | 20c | 7 S | XK11713 28c |
| XK11709 | 20c | 7 L | XK11714 28c |

Plug and Socket Cable Connectors

Moulded connectors designed to fit the standard tube sockets. Removable caps. Shpg. wt. 8 oz.

| Stock No. | Prongs | Your Cost Each |
|----------------|--------|----------------|
| XM13040 | 4 | 12c |
| XM13041 | 5 | |
| XM13042 | 6 | |
| XM13123 | 7 S | |
| XM13124 | 7 L | |

Female Cable Connectors

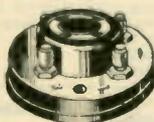
Cap and socket assembly. Fit together by bayonet arrangement. Positive connection. Shpg. wt. 8 oz.

| Stock No. | Prongs | Your Cost Each |
|----------------|--------|----------------|
| XM13043 | 4 | 21c |
| XM13044 | 5 | |
| XM13045 | 6 | |
| XM13112 | 7 S | |
| XM13113 | 7 L | |

NA-ALD Bakelite Tube Sockets

Base Mount Types

Designed for breadboard mounting and for Laboratory use. Made of bakelite, with NA-ALD special contact springs. Fitted with binding posts at the terminals of the socket. All connections marked. Makes a neat appearing job.



| Stock No. | Prongs | Your Cost Each |
|----------------|--------|----------------|
| XK11692 | 4 | 12c |
| XK11693 | 5 | |
| XK11694 | 6 | |
| XK11695 | 7 S | |
| XK11696 | 7 L | |

Composite Sockets

Moulded Bakelite. Eared type. $1\frac{1}{2}$ " mounting centers. Saves space.



XK11619—No. 456—For 4, 5 and 6 prong tubes. Filament circuits common.
XK11634—No. 477—For small and large 7-prong tubes.
XK11635—No. 457—For 5 and large 7-prong tubes. Eight contacts.
XK11523—No. 567A—For 5, 6 and small 7-prong tubes.
Your Cost Each..... **29c**
Any Type..... **29c**

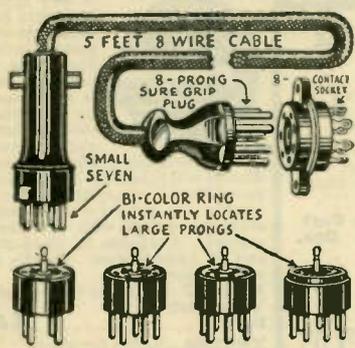
Special Two-Piece Cable Connectors



Moulded bakelite shells. Standard tube socket connections. Prices for two-piece connector.
XK11697—4 Circuit **Your Cost**
XK11698—5 Circuit **Each 19c**
XK11699—6 Circuit **10 for \$1.75**

NA-ALD ADAPTERS

New! NA-ALD Small 7-Prong Analyzer Plug and Associated Adapters 907WLCAP



A complete cable, plug and adapter assembly that will bring your analyzer up to date. Cable has small 7-prong latch-lock plug at one end, and an 8 contact plug at the other. Eight prong plug fits into an 8-prong "ear type" socket, designed to mount on analyzer panel. All adapters marked with patented color rings which instantly locate heater prongs. Cable provided is five feet long and contains eight wires (one extra lead). Shpg. wt. 1 lb.

- No. 907WLCAP—Small 7-prong latch-lock analyzer plug with 8-wire cable, plug and socket as illustrated. List \$3.50 **Your Cost \$2.06**
- KK11691—Your Cost**
- No. 907WLCA—Small 7-prong latch-lock analyzer plug with 8-wire, cable, without plug and socket. List \$2.50 **Your Cost \$1.47**
- KK11645—Your Cost**
- No. 974DSA—Adapts plug to 4-prong socket. List 75c **Your Cost 45c**
- KK11614—Your Cost**
- No. 975DSA—Adapts plug to 5-prong socket. List 75c **Your Cost 45c**
- KK11613—Your Cost**
- No. 976DSA—Adapts plug to 6-prong socket. List 75c **Your Cost 45c**
- KK11612—Your Cost**
- No. 977DSA—Adapts plug to large 7-prong socket. List 75c **Your Cost 45c**
- KK11646—Your Cost**

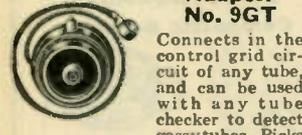
Speaker-Phones Switching Adapter



For use with any pentode output tube. Permits independent use of speaker or phones by flipping toggle switch; speaker and phones remain connected. No wiring necessary. Shpg. wt. 2 lbs.

- KK11687—For Single Pentode, 5-Prong. List \$2.50**
- Your Cost \$1.47**
- KK11688—For P.P. Pentodes, 6-Prong. List \$2.40**
- Your Cost \$1.42**
- KK11689—For Single Pentode, 6-Prong. List \$2.50**
- Your Cost \$1.47**
- KK11690—For P.P. Pentodes, 6-Prong. List \$2.40**
- Your Cost \$1.42**

Tube Gas Tester Adapter No. 9GT



Connects in the control grid circuit of any tube, and can be used with any tube checker to detect gassy tubes. Picks out those elusive "fading" tubes and erratic A. V. C. tubes by noting any change in meter reading when button is pressed. Shpg. wt. 1 lb. **Your Cost \$88c**

Output Meter Adapter

Used for connecting Output Meter to plate prong of any tube. 5 foot lead. Fully insulated. Tip jack one end, prong other. **Your Cost \$21c**

Tube Leakage and Short Tester No. 9SC



Tests 4, 5, 6, small and large 7 prong tubes. Checks inter-element leakages up to 1 megohm and also dead shorts. Neon tube glows to show defective tube. Jacks provided for using tester as continuity meter. Circuit is so arranged that test lead may be grounded without harm to instrument. Comes complete with neon lamp, cord and plug, and grid lead. For use on 110 volts, A. C. or D. C. Shpg. wt. 2 lbs.

- KK11308—List \$3.50**
- Your Cost \$2.06**

Universal Earphone Adapter

Used with any radio to connect earphones to power tube or audio amplifier. Simply clip to chassis or ground, and slip universal plate prong connector on tube. Instructions included. Shpg. wt. 1 lb. **List \$1.50**

- KK11686—Your Cost \$88c**

Tube Bases

Moulded, polished black bakelite. Standard size. Hollow brass prong, polished nickel finish. Easy to solder leads on inside of prongs. Shpg. wt. 8 oz.

- KK11599—4 prong**
- KK11600—5 prong**
- KK11601—6 prong**
- KK11602—7 prong**

Each **\$5c**

Bring Your Set Up-To-Date By Substituting New Type Tubes

- KK11593—927** replaces Kellogg overhead heater type tubes with 27 type. List 75c **Your Cost 45c**
- KK11594—419X** to use new 2 volt tubes in UV sockets. **Your Cost 21c**
- KK11618—975KSPR** to use 59 instead of 47 tubes. List 75c **Your Cost 45c**
- KK11628—944R2** to use 82 instead of 80 Rectifier tube. List 75c **Your Cost 45c**
- KK11629—974GGR** to use 59 instead of 45 type tube. List 75c **Your Cost 45c**
- KK11641—965GKR** to use 2A5 instead of 47 type tube. List 75c **Your Cost 45c**
- KK11642—964KSPR** to use 2A5 instead of 45 type tube. List 75c **Your Cost 45c**

Listening-in Adapters

For using headphones in detector or audio stages. Tip jack connections.

- KK11569—4-prong—944PT**
- KK11570—5-prong—955PT**
- KK11571—6-prong—966PT**

List 75c **Your Cost Either Type 45c**

Universal Testing Adapters

Have break in the plate circuit with connections by cord tip jacks. Filament, grid and cathode connections also have connections by cord tip jacks, enabling you to make many tests through the use of this adapter. Many old type analyzers can be used for testing the new tubes merely by using the correct style of test adapter. They are also indispensable for use with the Universal type of A. C.-D. C. Volt-ohm-milliammeter.

- KK11560—944PTT—4 prong.**
- KK11561—965PTT—5 prong.**
- KK11562—966PTT—6 prong.**
- KK11521—977PTT—7 prong large.**
- KK11522—977PTTA—7 prong small.**

List 90c **Your Cost 53c**
Any Type

Neutralizing Adapters

Used in balancing neutralizing condensers in sets. One filament is dead, enabling you to use an ordinary tube. Shpg. wt. 8 oz.

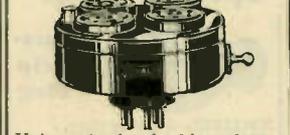
- List 60c
- KK11565—4-prong—944N**
- KK11566—5-prong—955N**

Your Cost Each 36c

NOTE

We carry a complete line of NA-Ald products in stock at all times. We can supply any item not listed here at a discount of 40 and 2% from the list price. Other NA-Ald products listed on page 103.

Multi-Adapter



Universal tube checking adapter that adapts your old tube checker, so that it will test over 100 new types. Tests duo-diode, Wunderlich A and B, both plates of 82's and 83's and many others. Comes complete with full instructions and list of tube readings. Shpg. wt. 2 lbs.

- KK11553—950XYLA**
- List 55.00
- Your Cost \$2.94**

If your tube checker has no filament voltage switch the 954SGL adapter must be used on the bottom of the 950XYL. Has UY top and UX bottom. List 75c

- KK11615—954SGL**
- Your Cost 45c**

965-58

57-58 Tube Checker Adapter in connection with any tube tester having UY socket. Shpg. wt. 8 oz.

- List 50c
- KK11592—Your Cost 30c**

977 SM

For changing old type large 7 hole sockets to new small type.

- KK11605—977SM.**
- List 60c
- Your Cost 36c**

977 MS

To use old type 7 prong plugs in the new small 7 prong sockets. Early model 7 prong analyzer plugs were of the large type and will not fit the small sockets.

- KK11604—977MS.**
- List 60c
- Your Cost 36c**

950 TR

Now you can test 25Z5, 43, 48 tubes, etc., and all others with 10-12.6-14-15-26-30 volt filaments in the 24 socket of your old type tube checker. Has built-in transformer to supply filament current. Shpg. wt. 3 lbs.

- KK11616—950TR**
- List 55.00
- Your Cost \$2.94**

975-AB7

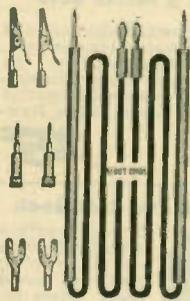
For testing small type 2A7 and 2B7 tubes in 24 checker socket, and 6A7 and 6B7 in 36 socket.

- KK11617—975-AB7**
- List 60c
- Your Cost 36c**



Laboratory Test Prods and Accessories

Pencil Type Test Prods



Spring prongs at the end of prods allow changing from spade lugs to phone tips or to spring clips. Handles are 6" long and $\frac{1}{4}$ " in diameter. Needle point phone tips are used for piercing through insulated wire for good contact. Five foot black and red flexible wire. Comes complete with two Alligator Clips, two needle point Phone Tips, and two tapered lugs. XM12971—Your Cost

per Pair, Complete.....

76¢

Pencil Type Test Prods

Similar to the above prods but without the interchangeable feature. Two Types—with permanently fastened Alligator Clips—and with permanently fastened Phone Tips.

XM12882—Alligator Clips

Your Cost.....

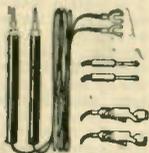
49¢

XM12883—Phone Tips

Your Cost.....

44¢

Laboratory Test Prods



Improved type. Has bronze tip with needle point and heavy body. Answers two-fold purpose of needle prod and phone tip prod. Handles 5" long and are extra heavy. Red and black leads 5 ft.

long. Shpg. wt. 8 oz.

XM12978—With Spade Tips.

XM12979—With Phone Tips.

Your Cost (either type).....

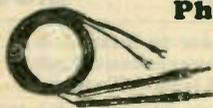
XM12980—With Spring Clips

Your Cost.....

43¢

55¢

Phono-Needle Test Prods



Sturdy handles with chucks for phonograph needle. 50" leads,

one red, one black. Shpg. wt. 8 oz.

XM12975—Spade Ends. XM12976—Pin Tip

Ends.

Your Cost (either), Per Pair.....

XM12977—Spring Clip Ends.

Your Cost, Per Pair.....

30¢

39¢

Short-o-Tester



Contains 2½ volt lamp and small flashlight battery. Indicates closed or open circuits when its flexible lead and pin terminal are introduced into the circuit. May also be used as trouble flashlight. Complete with battery and bulb. Shpg. wt. 1 lb.

XM12984—List \$1.50

Your Cost Each.....

88¢

BRACH NEON Test-O-Lite



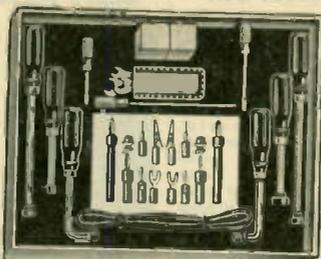
With this new Test-O-Lite you can find blown-out fuses immediately! Will check any voltage between 110 and 550 volts—either A. C. or D. C. Will also check spark plugs, radio sets, household appliances, etc. Neon lamp protected by moulded bakelite case. Handy pocket size. 3½" heavily insulated leads.

XM12983—

Your Cost.....

\$1.10

Truest Servicemen's Kit



A complete 24 piece Kit of test and repair tools including: two 6" spintype wrenches ($\frac{1}{4}$ " and $\frac{1}{2}$ "), two 9" spintype wrenches ($\frac{3}{8}$ " and $\frac{1}{2}$ "), two 7" "offset" spintype wrenches ($\frac{1}{4}$ " and $\frac{3}{8}$ "), three assorted size insulated screwdrivers, three assorted size flat type wrenches, one length each (72") red and black wire, one assortment of red and black test parts including test prods, alligator clips, etc., and one box of assorted radio hardware. Shpg. wt. 5 lbs.

XM12888—

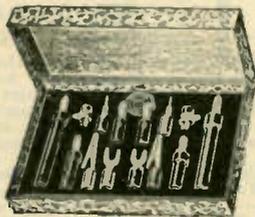
Your Cost, Complete

Kit.....

\$2.75

AMERICAN Testing Kit

Combines a complete line of solderless and interchangeable parts for all types of testing. Two long and short insulated test prod handles, two plug-in prongs, two plug-in lugs, two insulated tapered type lugs, two insulated needle point phone tips, two insulated alligator clips. Made up in red parts for positive and black parts for negative identification. Shpg. wt. 1 lb.



XM12972—Your Cost, Special.....

\$1.35

ICA Neutralizing and Aligning Tool Kit



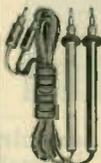
For any adjustment on all types of receivers. Contains alligator side wrench, 6" insulated screw driver, metal nib; $\frac{1}{8}$ " and $\frac{1}{4}$ " nut wrench; $\frac{1}{2}$ " square nut insulated wrench, $\frac{1}{2}$ " hexagon metal side wrench and 2½" insulated screwdriver, metal nib. $\frac{1}{2}$ " hexagon slotted insulated wrench; metal screwdriver; $\frac{3}{8}$ " hexagon insulated nut wrench, 5" insulated screwdriver, metal nib. 6" insulated screwdriver. Shpg. wt. 1 lb.

XP15089—

Your Cost....

\$2.35

SUPREME Type Test Prods



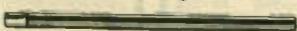
Used on latest type Supreme instruments. Rubber guard ring near prod end prevents fingers slipping and touching metal and receiving a shock while testing. Sharp pointed tips. Brightly colored polished handles. Red and black. 50" leads. Shpg. wt.

2 lbs.

XM10980—Your Cost.....

69¢

RCA Tuning Wand

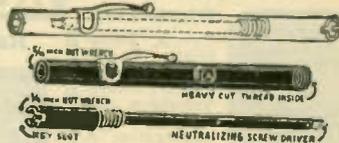


For determining correct alignment without touching trimmers.

XP15024—Your Cost.....

75¢

Neutralizing Tool



Carried in the pocket like a fountain pen—has clip for pocket. $\frac{1}{4}$ " nut wrench with key slot and neutralizing screwdriver on removable inside rod; $\frac{5}{16}$ " nut wrench in one end of outside barrel. Made of durable non-conductive material that will stand hard usage. Shpg. wt. 8 oz.

XP14915—

Your Cost Each.....

38¢

Attachments for Above Neutralizing Tools

Balnut for Majestic Sets

Overall length 2½"

Has screw driver and offset socket for $\frac{3}{8}$ " hex nuts that extends tool handle 1½"

XP15085—

Your Cost.....

27¢

For Crosley Sets

Extends tool 1½". Has socket in end for $\frac{1}{8}$ " square nuts.

P15086—

Your Cost.....

11¢

For Majestic Sets

Similar to Crosley in appearance but has hex socket.

XP15084—Your Cost.....

10¢

Alligator Neutralizing Wrench and Screw Driver



Alligator wrench with $\frac{1}{2}$ " opening. Securely fastened to extra strong high insulation rod size $\frac{1}{2}$ " x $\frac{1}{4}$ ". Hardened steel screw driver blade.

XP14921—

Your Cost.....

30¢

Neutralizing Tool Set with Metal Nibs

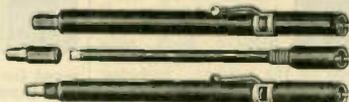


Polished black bakelite handles. Two tools. One consists of a $\frac{3}{8}$ " diameter 6" long tube on each end of which are heavy brass nickel plated socket wrenches for $\frac{1}{4}$ " and $\frac{1}{2}$ " hex nuts. The other tool fits inside the first tool and consists of a $\frac{1}{2}$ " solid rod, one end of which has a strong screw driver blade, the other end is of special magnetic steel.

XP15083—Your Cost.....

75¢

Four-in-One Neutralizer Compensator and "Tool Kit"



Combines in a fountain pen size compact tool that can be carried in your vest pocket, $\frac{1}{4}$ " and $\frac{1}{8}$ " nut wrenches, miniature blade screw driver for neutralizing and a full size insulated handle general purpose screwdriver. Made of fine quality extra strength fiber. When closed, no sharp points are exposed to tear clothing.

XP15082—

Your Cost.....

75¢

Neutralizing Screw Driver



Bakelite knob, diameter 1" fastened to $\frac{1}{4}$ " hard rubber rod projecting 3½". Hardened screwdriver blade.

XP15087—Your Cost.....

23¢

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

DEALERS' and SERVICEMEN'S

Radio and Electronic



Dictionary

Covers Industrial Radio, Radio Service, Sound Pictures, Television and Radio Broadcasting from "A to Z." Everything explained in simple, everyday language.

Contains 650 illustrations, defines 3800 terms. 300 pages. Size 6x9x1 1/2". Bound in maroon buckram, stamped in gold. Many thousands of men in every branch of radio have felt the need of and will welcome this handy and practical dictionary. No one need be without it at our low price. Shpg. wt. 3 lbs.

XY1933—Your Cost..... \$2.19

DRAKE'S Cyclopeda



New Edition

Completely revised. This valuable encyclopedia, written in simple language, contains information on radio and all its allied lines. Gives all practical data

on Radio transmitting and receiving, Sound Pictures, Public Address, Television, Photo-electric cells, etc. 1048 pages, 600 complete articles, 1100 additional definitions and references. 130 tables and graphs. Thoroughly covers new Superheterodynes, Short Wave Receivers and Converters and Aviation Radio. Self indexed to make every fact easy to find. Size 9x6 1/2 x 2 1/4". Shpg. wt. 10 lbs.

XY1938—Your Cost Each..... \$3.92

Radio Service

Questions and Answers

A compilation of many service problems and their answers. This book has been compiled by John F. Rider and consists of many questions received by him. Shpg. wt. 2 lbs.

XY1931—Vol. 1—Your Cost..... 95¢

A.R.R.L. Publications

Radio Amateur's Handbook



The most popular Handbook for Amateurs ever written. It is the most comprehensive book published, covering every phase of the subject. Includes: The Story of Amateur Radio; Getting Started; Electrical Fundamentals; Planning and Building Transmitters; and a host of other information. New eleventh edition contains entirely new chapters on high frequency work, etc. Shpg. wt. 1 lb.

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Second edition in 32 pages outlines the entire field of amateur radio. Makes learning the code easy, tells how to build a station, get a license, etc. Shpg. wt. 2 1/2 lbs.

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Radio Amateur Call Book



The only publication listing all Radio Amateur Stations throughout the entire world. Each issue contains a complete and accurate list of high frequency commercial stations, International abbreviations, "Q" readability system, "R" audibility system, "T" tone system, International prefixes, high frequency press and weather schedules, and U. S. postal rates. Shpg. wt. 2 lbs.

XY1936—Latest Edition—Your Cost..... \$1.10

Short Wave Beginner's Book



For those who are just beginning to become interested in short wave reception. It is as simple as anyone could wish yet presents all the information needed to get the most possible enjoyment out of short wave reception. Covers the actual building of a set, making of a short wave aerial, winding of coils and kinks in operating a receiver. Shpg. wt. 2 lbs.

XY1921—Your Cost..... 25¢

10 Most Popular S. W. Receivers

How to Make and Work Them

The Short Wave Receivers whose specifications appear in this book have been selected as representing the best technical practice in Experimenters types of Receivers for reception below 200 meters. Every set described has actually been built and tested by the editors of Short Wave Craft. Shpg. wt. 2 lbs.

XY1922—Your Cost..... 25¢

Short Wave Library



The Manual of Ultra Short Wave Radio

Contains the history of Ultra S. W. Development, articles about the Generation, Radiation and measurement of Ultra Short Waves, Quasi-Optical, and Infra Red Rays, and the Commercial application of Short Waves in Communication Work, etc. 68 pages and 120 illustrations.

XY1943—Your Cost Each..... 50¢

The Manual of Short Wave Radio—Vol. 2

Learning the code, the converter handbook, tuned r. f. receivers and supers.

XY1945—Each..... 50¢

Ultra Short Wave Amateur Band Communication

Practical data for using 3/4-meter and 6-meter bands. Contains a reprint of 7 articles originally appearing in Radio News later half of 1932. Reception and transmission below 10 meters is fully covered. Detailed constructional information for a 56-megacycle Magnetron transmitter. Shpg. wt. 2 lbs.

XY1937—Your Cost..... 25¢

Official Short Wave Log and Call Book

Contains the largest list of Short Wave Stations ever published. A distance chart showing the approximate distances between the principal cities of the world, also a map of the world. The first book of its kind. Every short wave fan needs one. Shpg. wt. 2 lbs.

XY1920—Your Cost..... 25¢

How to Design and Build 5 Meter Sets



How to design and build 5-meter transceivers, transmitters, etc., by Frank Jones with supplementary information by Kruse, Haigis, Hawkins, Hart.

XY22132—Your Cost..... 25¢

Short Wave Coil Book



Every possible bit of information on coil winding that you could need. Gives dimensions, sizes of wire to use, methods of computing turns needed, spacing, etc. No duplication.

XY22133—Your Cost..... 25¢

Official Short Wave Radio Manual



A complete manual on short wave equipment and practice. An excellent book for use by both Amateur and Radio Serviceman. Covers the construction, servicing and operation of both home built and commercially built receivers and converters. Also includes information on the construction and operation of amateur transmitters. In fact everything pertaining to short waves is included. Shpg. wt. 4 lbs.

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How to Pass U. S. Government Radio License Exams.

Complete information for passing government license tests for commercial license. Flexible covers. 9 1/4 x 7". 170 pages—92 illustrations. Shpg. wt. 2 lbs.

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Do you know all that you should be able to do to service superhets at a profit? . . . Are you familiar with various kinds of superheterodyne circuits? . . . Do you know the function of individual parts of a superheterodyne receiver—an autodyne superhet? . . . Do you know what is meant by "image frequency"? . . . Can you adjust the Atwater-Kent "double spot" interference-eliminating system? Servicing Superheterodynes answers all these questions. Gives all the information you need about superhet receivers. 163 pages, type set, profusely illustrated, cloth bound. Shpg. wt. 2 lbs.

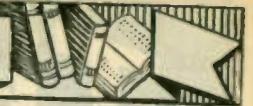
XY1927—Your Cost..... 95¢

Servicing Receivers by Means of Resistance Measurement

By means of resistance measurement or what is more commonly known as point to point testing it is possible to service any type of set. This book describes this method in detail and furnishes all data necessary to service practically all sets made today. Like all other publications by John F. Rider it is very complete and all the information given is in clear, easily understandable form. With its help many a service problem is easily solved. Bound in strong serviceable hard cloth covers. This book together with the one listed above should be owned by every serviceman. Shpg. wt. 2 lbs.

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RIDER'S Perpetual Trouble Shooters Manual No. 4

Right up to the minute. 1008 pages of new material from where Volume No. 3 left off. Contains all sets right up to January, 1934. With a special section of 20 pages devoted to new Manufacturers' Circuits. Each page printed from an engraving, with halftone photos of chassis views. Very clear, making identification of parts easy. Service information is in the most complete form; every item of importance possible is given, needed to make a thorough quick repair.

**XY19976—Vol. No. 4. Postpaid East of Missis-
sippi. Your Cost.....\$7.35**

VOLUME NO. 3

This volume contains many diagrams that are not contained in either previous or subsequent issues and must be had if a complete list of all set diagrams and information is wanted.

XY19924—Volume No. 3. Your Cost—Postpaid East of Mississippi.....\$7.35

VOLUME No. 2

XY19925—Volume No. 2. Your Cost—Postpaid East of Mississippi.....\$6.37

GERNSBACK'S Official Radio Service Manual 1935 Edition



An entirely new issue containing a wealth of information that is extremely valuable to the serviceman. All the new circuit developments including all-wave and straight short wave receivers are described. All the new receivers are diagrammed—nothing old. This issue begins where the previous 1934 issue left off. Flexible cover—loose leaf binding. Shpg. wt. 4 lbs. **XY19953—Your Cost.....\$5.98**

1934 Official Radio Service Manual

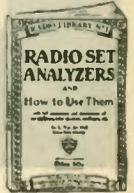
Contains many diagrams not available in other older or newer Manuals. Over 400 pages. Over 1500 illustrations. Flexible leatherette cover. Shpg. wt. 4 lbs. **XY19918—1934 Edition. Your Cost.....\$3.00**

1933 Official Radio Service Manual

This issue contains the majority of diagrams for the receivers you now get for service. **XY19900—1933 Edition. Your Cost.....\$4.00**

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Sound Picture MANUALS

OFFICIAL Auto-Radio Service Manual



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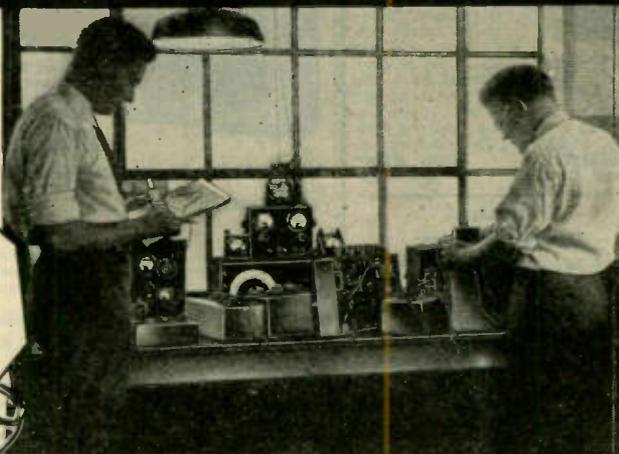
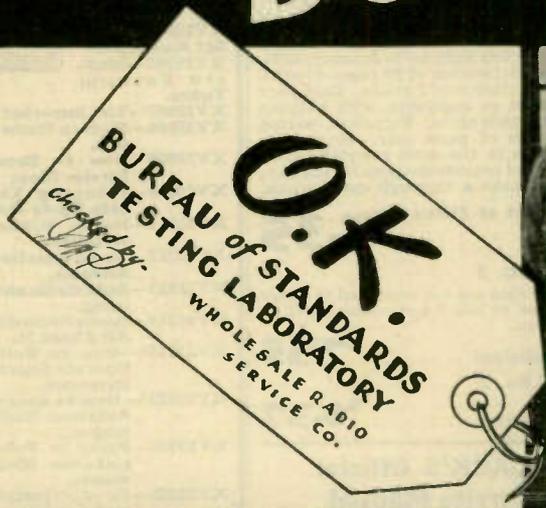
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Perfect Merchandise - Prompt Shipment - Personal Service

Thumbs Down On Inferior Merchandise



Quality Alone Can Win Against the Odds Set By Our

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Here at Wholesale Radio Service Co. you can buy with confidence. Our staff of skilled engineers know from experience how each and every item should perform. They set the standards up to which each product is expected to measure—standards which are higher even than those established by the manufacturers themselves. And in every case our standards must be met!

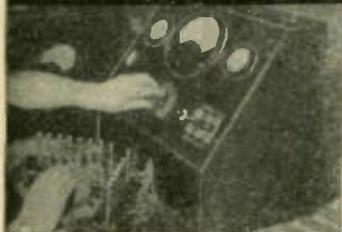
Nothing is left to chance! The finest testing apparatus in the world has been assembled in our Bureau of Standards Laboratory. Everything is checked and double checked — sometimes a dozen tests to insure the quality of the products which you buy. Nothing—large or small—escapes the watchful eyes of these Guardians of Quality, for they realize that a defective 10c condenser will impair the efficiency of a \$1000 amplifier.

Thousands upon thousands of individual items pass through our Bureau of Standards Laboratory each year and for each thousand approved there are a thousand others discarded, rejected! Not only must each manufacturer's line be tested and approved before being listed, but throughout the year, random samples are picked from stock to insure the maintenance of the high standards set in the beginning.

FIELD TESTS

In the case of sets, amplifiers, etc., even after laboratory tests assure the quality, field tests are held under the same conditions that would be encountered by the purchaser. This is particularly true of Public Address Equipment which is actually installed in theatres and auditoriums, and of auto radios which are given gruelling road tests. Every single item must first prove its quality or it's "Thumbs Down"—it cannot be listed in Wholesale's catalog.

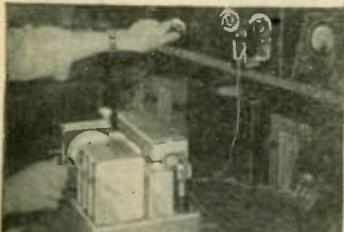
Every electrical characteristic is checked. Tests are long and involved. Condensers are tested for breakdown voltage; coils and chokes of various kinds for inductance value and current capacity; transformers for their frequency response or power ratings; receivers for sensitivity, selectivity and tone quality. Unless every test is met—out goes the item! It's "THUMBS DOWN"—for quality alone can win against the odds set by Wholesale's Bureau of Standards!



Every electrical characteristic tested.



Interwiring of component parts inspected.



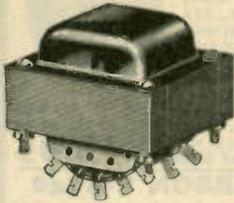
Testing with laboratory created wave length reception.

IT *MUST* BE GOOD To Be Listed In Our Catalog

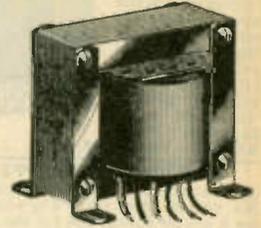
Trutest POWER TRANSFORMERS

The Finest Quality Transformers for General Replacement or New Set Construction

A PRODUCT OF TRUTEST



Trutest Power Transformers, engineered by experts and constructed of the finest materials, truly deserve the popularity accorded them in the service field. Each unit is designed to provide ample safety factor under any normal conditions of use. As a result, Trutest Power Transformers are fully guaranteed, under R.M.A. standards, for a period of 90 days, against mechanical or electrical defects. This is your assurance that Trutest Transformers will live up to the claims made for them. To simplify installation, and to preclude possibility of error in wiring, each unit is furnished with a schematic diagram showing each terminal connection.



Furnished in both flush and horizontal mountings in the large variety of sizes given below, these transformers should prove applicable to most any receiver on the market. Even power transformers of current model receivers using the '82 rectifier can be replaced with Trutest Power Transformers of the flush mounting type. For a man who is building a set, the flush type of mounting is recommended as furnishing the more finished appearance. For replacement work however the horizontal type of mounting will in general be found to be the more practical. Always order a transformer large enough to fill your needs.

Experimenters and set builders will find in Trutest Power Transformers a solution to their long-felt wants. Compactness, ease of wiring and general appearance will go far to eliminate that "home made" look. On Flush Mounting Types, soldering lugs terminate on an insulated strip and protrude through the sub-panel. The Upright Horizontal Types have wire lead terminals and feet are provided on bases; the slight elevation permitting air circulation under cores. The Flush Mounting Types designed for use with the new '82 rectifier should prove of special interest to those wishing to make use of this latest type tube.

Special Midget Transformer

For 4 and 5 Tube Sets

For Three Heater Tubes, One Power Tube and One 80 Rectifier

MOUNTING AREA: $3 \times 2 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $2 \frac{1}{2} \times 2$ "
PRIMARY: 115 volts, 60 cycles.
SECONDARIES: 680 volts, C. T.—50 M. A.
2.5 volts C. T., 7 amps. (for 3 heaters and 1 power tube).

5 volts, 2 amps. (for 80 rectifier).
Flush mounting type.
XC2431—Shpg. wt. 4 lbs.
Your Cost, Special

90¢

5 and 6 Tube Receivers

For Three or Four $2 \frac{1}{2}$ Volt Heater Tubes, One $2 \frac{1}{2}$ Volt Power Tube and One 280 or 282 Rectifier

MOUNTING AREA: $3 \frac{1}{2} \times 3 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $3 \frac{1}{2} \times 2 \frac{1}{2}$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: (1) 700 volts C. T.—70 M. A.
(2) 5 volts, 2 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).
(3) 2.5 volts, 8.75 amps. (3 or 4 heaters and 1 power tube).

Shipping weight 6 lbs.

Flush Mounting Type

XC1492—Using 280 Rectifier.
XC1498—Using 82 Rectifier.

Your Cost Each

\$1.42

Horizontal Mounting Type

Size $3 \times 3 \frac{1}{4} \times 3 \frac{1}{4}$ ". Mounting centers $3 \frac{1}{2} \times 2$ ".
XC1504—Using 280 Rectifier.

Your Cost Each

\$1.49

For use with the New Type Tubes

Up to 8 Heater Type Tubes
2 of the New 2A3 Power Tubes
1-83 Rectifier

Suitable both for Class A and Class A¹ (A modified Class B amplification).
MOUNTING AREA: $4 \frac{1}{2} \times 3 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $3 \times 3 \frac{1}{4}$ "
PRIMARY: 115 volt, 50-60 cycle.
SECONDARIES: 400/400 at 150 M. A.
2 1/2 volts C. T., 5 Amp.
2 1/2 volts C. T., 12 Amp.
5 volts 3 Amp.

Flush mounting type.
XC1517—Shpg. wt. 10 lbs.
Your Cost, Special

\$3.75

Refer to pages 112, 113 for a tabulated listing of exact duplicate power transformers of all standard radio receivers. Refer to pages 115-120 for listing of all types of audio transformers and chokes which can be used with the above transformers.

For the New 6.3 Volt Tubes

4 and 5 Tube Sets

Up to Three Heater Type Tubes, One Power Tube and One 80 Rectifier

MOUNTING AREA: $3 \times 2 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $2 \frac{1}{2} \times 2$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: 300/300 volts—50 M. A.
6.3 volts C. T., 2 amps. (for two or three heaters and one power tube).
5 volts, 2 amps. (80 filament).
Flush mounting type.

XC1518—Shpg. wt. 3 lbs.
Your Cost, Special

\$1.30

6 and 7 Tube Receivers

For Three or Four Heaters and Two Power Tubes (6.3 Heaters) or Seven Heaters (6.3) and Two Power Tubes (2.5) One 80 or 5Z3 Rectifier

MOUNTING AREA: $3 \frac{1}{2} \times 3 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $2 \frac{1}{2} \times 3 \frac{1}{8}$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: 350/350 volts—70 M. A.
6.3 volts C. T., 3 amps. (for 3 or 4 heaters and 2 power tubes).
2.5 volts C. T., 4 amps. (for two power tubes).
5 volts, 3 amps. (for 80 or 5Z3 rectifier).
Flush mounting type.

XC1519—Shpg. wt. 8 lbs.
Your Cost, Special

\$2.19

8, 9 and 10 Tube Receivers

Up to Seven Heater Type Tubes and Two Power Tubes (All 6.3) or Ten Heaters (6.3) and Two Power Tubes (2.5), One 80 or 5Z3 Rectifier

MOUNTING AREA: $4 \frac{1}{2} \times 3 \frac{1}{4}$ "
MOUNTING DIMENSIONS: $3 \frac{1}{2} \times 2 \frac{1}{2}$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: 350/350 volts—100 M. A.
6.3 volts C. T., 4 amps. (for 7 heaters and 2 power tubes).
2.5 volts C. T., 4 amps. (for 2 power tubes).
5 volts, 3 amps. (for 80 or 5Z3 rectifier).
Flush mounting type.

XC1520—Shpg. wt. 9 lbs.
Your Cost, Special

\$2.65

For 4 Tube Midget. For 2 Heater Tubes, 1 Power Tube and 1-80 Rectifier

MOUNTING AREA: $3 \times 2 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $2 \frac{1}{2} \times 2$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: 650 volts C. T.—40 M. A.
2.5 volts C. T., 3.75 amps. For 2 heaters and 1 power tube. 5 volts, 2 amps. for 80 filament. Flush mtg.
XC1521—Shpg. wt. 4 lbs.
Your Cost Each

75¢

6 and 7 Tube Receivers Push-Pull Power Tubes

For Three $2 \frac{1}{2}$ Volt Heater Tubes, Two $2 \frac{1}{2}$ Volt Power Tubes and One 280 Rectifier

MOUNTING AREA: $3 \frac{1}{2} \times 3 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $2 \frac{1}{2} \times 3 \frac{1}{8}$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: (1) 700 volts C. T.—70 M. A.
(2) 5 volts, 3 amps. (280 filament).
(3) 2.5 volts C. T., 3.5 amps. (2 power tubes).
(4) 2.5 volts, 7 amps. (3 or 4 heaters).
Shipping weight 8 lbs.

Flush Mounting Type

XC1505—

Your Cost Each

\$1.65

Horizontal Mounting Type

Same tube characteristics as above. Mounting centers $3 \frac{1}{2} \times 1 \frac{1}{2}$ ".

XC1506—

Your Cost Each

\$1.75

8 and 9 Tube Receivers

For Four or Five $2 \frac{1}{2}$ Volt Heater Tubes, Two $2 \frac{1}{2}$ Volt Power Tubes and One 280 or 282 Rectifier

MOUNTING AREA: $3 \frac{1}{2} \times 4 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $2 \frac{1}{2} \times 3 \frac{1}{8}$ "
PRIMARY: 115 volts, 50-60 cycles.
SECONDARIES: (1) 700 volts C. T.—90 M. A. (plate).
(2) 5 volts, 3 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).
(3) 2.5 volts C. T., 3.5 amps. (2 power tubes).
(4) 2.5 volts, 10.5 amps. (5 or 6 heater tubes).
Shipping weight 8 lbs.

Flush Mounting Type

XC1507—Using 280 Rectifier.

XC1499—Using 82 Rectifier.

Your Cost Each

\$1.85

Horizontal Mounting Type

Same tube characteristics as above. Mounting centers $3 \frac{1}{2} \times 2$ ".

XC1508—Using 280 Rectifier.

Your Cost Each

\$1.95

10 and 12 Tube Receivers

MOUNTING AREA: $3 \frac{1}{2} \times 4 \frac{1}{2}$ "
MOUNTING DIMENSIONS: $3 \times 3 \frac{3}{8}$ "
PRIMARY: 115 volts, 50-60 cycle.

SECONDARIES: (1) 700 volts C. T.—110 M. A.
(2) 5 volts at 3 amps. (280).
(3) 2.5 volts at 3.5 amps.
(4) 2.5 volts at 15.25 amps.
Shipping weight 9 lbs.

Flush Mounting Type

XC1509—

Your Cost

\$2.40

Horizontal Mounting Type

Same tube characteristics as above. Mounting centers $2 \frac{1}{2} \times 3 \frac{1}{8}$ ".

XC1510—

Your Cost Each

\$2.45

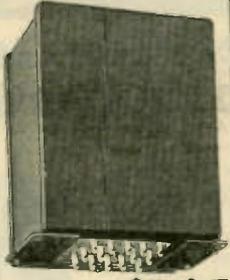
We Will Not Knowingly Be Undersold



POWER TRANSFORMER SPECIALS

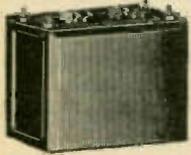
ZENITH

Models ZE-50, ZE-60, ZE-70
An exact duplicate of 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. 9 lbs.
XC1980—Your Cost..... \$3.65



ZENITH Models 91 and 92
An exact duplicate of the original Zenith Part No. 95-100. Has three 2½ volt windings; one for 6 heater tubes; one for the AVC tube; and one for two power tubes. Separate winding for 3-4 volt Mazda pilot lamp. Flush mounting type. No changes necessary to install. Shpg. wt. 9 lbs.
XC1984—Your Cost..... \$4.25

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.
XC2305—Your Cost..... \$3.45



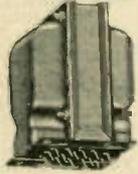
GENERAL MOTORS Power Transformers Model S1A

Forchassis numbers: 216, 217, 219 and 250. Original Part No. 1204245. For 3-35's, 1-24, 2-27's, 1-47 and 1-80. Shpg. wt. 8 lbs.
XC2521—Your Cost..... \$3.40



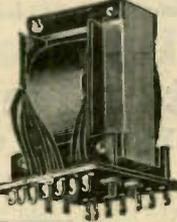
For Model S3A
Chassis No. 252, 253, 254, 255, 256, 257 and 258. Original Part No. 1204179. For 3-35s, 1-24, 3-27s, 2-45s and 1-80. Shpg. wt. 10 lbs.
XC2520—Your Cost..... \$3.95

Special Heavy Duty Transformer
An upright mounting unit completely shielded in metal case. Has following secondaries: 350/350 volts at 125 M.A. (High Voltage); 2.5 volts, C. T. at 8 amps. (For Heaters); 2.5 volts at 3 amps. (For Power Tubes); 5 volts at 8 amps. (Rectifier). Primary tapped at 110-120 volts for 50-60 cycles. Shpg. wt. 10 lbs.
XC2042—Your Cost..... \$1.95



BOSCH

Model 48
Built according to the specifications of the original. For sets using 3-24s; 1-27; 2-45s and 1-80 tubes. Shpg. wt. 10 lbs.
XC2260—\$3.35
Your Cost..... \$3.35



Model 58
Similar in appearance to above, for sets using 4-24s; 1-27; 2-45s and 1-80 tubes. Shpg. wt. 10 lbs.
XC2261—\$3.35
Your Cost..... \$3.35

Model 60
Similar in appearance to above, for sets using 5-24s; 1-27; 2-45s and 1-80. Shpg. wt. 13 lbs.
XC2262—\$3.75
Your Cost..... \$3.75

SPARTON Models 589, 591, 593, and 931 Sparton No. B2339
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.
XA234—Your Cost..... \$3.85

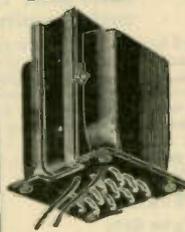


THORDARSON High Power Transformer

For Two '50s, or '10s and Two '81s
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 mils., 7½ volts at 3 amps., 2½ volts at 7 amps. All connections brought out to a 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 5x4x4½". Mounting centers 3x3½". Shpg. wt. 12 lbs.
XA226—Your Cost Each..... \$3.95

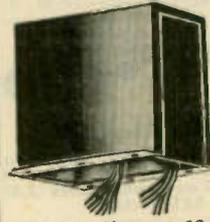


THORDARSON T-3740
A subpanel mounting unit for heater tube and 245's in push-pull. It has secondaries as follows: No. 1—2.5 volts at 9 amperes with C. T. (5 heaters); No. 2—2.5 volts at 3 amperes with C. T. (2-245's); No. 3—750 volts with C. T. at 110 milliamperes (high voltage); No. 4—5 volts at 2 amperes (280 fil.). Overall dimensions, 3¼x3½x5½". Shpg. wt. 10 lbs.
XA223—Your Cost..... \$3.95



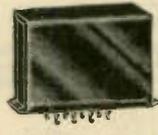
Stromberg-Carlson POWER TRANSFORMERS

Models 641, 642, 652, 654
Exact replacements built of the finest quality materials and 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.
XC2257—Your Cost..... \$3.45



For Models 846, 848
For models utilizing 3-24s; 3-27s; 2-45s, and 2-80s. Shpg. wt. 14 lbs.
XC2258—Your Cost..... \$4.20

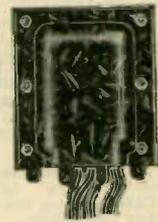
Stromberg-Carlson Filter Inductor Assembly
For Models 641, 642, 652, 654
An exact duplicate of the original Stromberg-Carlson replacement part. Combines two filter chokes, tapped, in one container. Shpg. wt. 6 lbs.
XC2373—Your Cost..... \$3.25



Models 10, 11, 25 and 26
Exact duplicate of original Part No. P-19489. Models 10 and 11 use 4-24s, 2-45s; 1-80; models 25 and 26 use 4-24s; 1-27; 2-45s and 1-80. Shpg. wt. 8 lbs.
XC2370—Your Cost..... \$3.75



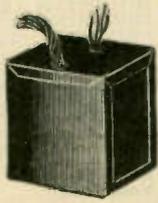
Models 19 and 20
An exact duplicate of the original Stromberg-Carlson Power Transformer. Guaranteed to give the exact specified voltages in these sets. Has HI and LO tapped primary and four secondaries for 1-280, 2-27s; 2-45s; and 4-35s. Shpg. wt. 8 lbs.
XC2371—Your Cost..... \$3.85



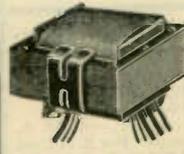
Models 38, 39, 40, 41
Original Part No. P-22529. Sets use 3-58s; 1-57; 1-56; 2-55s; 2-45s and 1-80. Shpg. wt. 12 lbs.
XC2392—Your Cost..... \$3.95

Atwater Kent POWER TRANSFORMERS

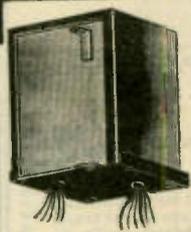
Models 37, 38
For replacement in the above receivers; this transformer is guaranteed to give satisfaction; built along the lines of the original, except with a larger safety factor. Utilizes: 4-26s; 1-27; 1-71A; 1-80. Size 5x3½x4½". Shpg. wt. 9 lbs.
XC2255—Your Cost..... \$2.25



Models 70, 72, 75, L-1, L-2, H-1, H-2
An exact duplicate of the original Atwater-Kent Power transformer used in the above models. Has the special high voltage secondary winding as used on the original. Extra heavy duty filament winding. No changes necessary to install this unit. Shpg. wt. 6 lbs.
XC2440—Your Cost..... \$3.25



Models 55, 55C
This transformer is identical to the original A. K. part. Utilizes the following tubes: 3-24s; 2-27s; 2-45s; and 1-80. Size 4x5x4½". Shpg. wt. 11 lbs.
XC2449—Early Model
XC2446—Late Model
Your Cost
Type..... **\$4.20**
For Models 60 and 60C
Similar in appearance to above. **\$4.65**
XC2446—Your Cost..... \$4.65





RADIOLA VICTOR



POWER TRANSFORMERS



Brand New! VICTOR Replacement Power Transformer Models R-32, R-52, RE-45 and RE-75

This replacement transformer is conservatively rated, there is no skimping, no borderline ratings. Through the liberal use of iron, copper and insulating materials, the basic materials in the makeup of this transformer, insures a dependable replacement unit. Utilizes the following tubes: 6-26s, 1-27, 2-45s, and 1-80. Fully shielded in a heavy gauge case. In order to allow for the over-size transformer, the metal container is larger in height but will fit the chassis exactly. Terminal lug arrangement number as the original. NO CHANGES NECESSARY TO INSTALL THIS REPLACEMENT UNIT

Shpg. wt. 13 lbs.

XC2185—Your Cost

\$2.65

RCA Victor Models R-50, R-55, RE-20, RAE-59 and RAE-79 General Electric H-32, H-72 Graybar GB-100



Original replacement. Supplies voltages for 7 heater tubes: 2-47's and 1-80. Shpg. wt. 15 lbs. 110-volt, 60-cycle. XC2190—Your Cost **\$3.45** Same as above, except for use on 220-volt, 60-cycle. XC2457—Your Cost **\$4.95**

Radiola Models 80, 82, 86 Graybar Models 700, 770, 900

General Electric H31, 51, 71 Westinghouse Models WR5, 6, 7, 8 Part No. 8556. Genuine replacement. 50 to 60-cycle. Shpg. wt. 15 lbs. XC2156—Your Cost **\$1.95** Part No. 8696. Genuine replacement. 25-cycle operation. Shpg. wt. 18 lbs. XC2141—Your Cost **\$2.95**

Victor Models 35, 39, RE57, RE73 Part No. 10917. Genuine replacement. 50 to 60-cycle. Shpg. wt. 15 lbs. XC2195—Your Cost **\$1.95** Part No. 10915. Genuine replacement. 25-cycle operation. Shpg. wt. 18 lbs. XC2442—Your Cost **\$4.95**

RCA-Victor Models 140, 141, 240 Genuine Part No. 9042. Shpg. wt. 7 lbs. XC2010—Your Cost **\$4.10**

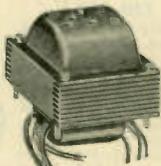
RCA-Victor Midget Models R-100 and R-101

The Genuine RCA replacement transformer, Part No. 9464 For 110 to 120-volt, 50 to 60 cycle operation. Shpg. wt. 5 lbs. XC2011—Your Cost **\$1.92**



RCA-Victor Models R11, 18 and 18A, RAE-26, R-21

Westinghouse WR-15 G.E. Model K-62 Graybar GB-9



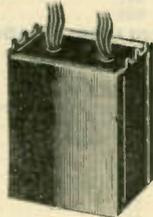
Original replacement for the above sets. Part No. 7272. Shpg. wt. 9 lbs. XC2189—Your Cost **\$3.95**

RCA-Victor R-7 "Superette", General Electric S-22, Graybar 8 Midget

Genuine Part No. 8679. Shpg. wt. 7 lbs. XC2187—Your Cost **\$2.50**

Radiola Models 17, 18, 33, 50, 51 Victor 7-11, 7-25, 7-26 Graybar 311

Part No. 8287-8335. Genuine replacement. 50 to 60-cycle. Shpg. wt. 9 lbs. XC2150—Your Cost **\$1.45** Part No. 8340. 25-cycle operation. Genuine replacement. Shpg. wt. 11 lbs. XC2151—Your Cost **\$3.20**



RCA 44, 46, 47—Graybar 500, 550

Part No. 8472. Exact duplicate of the original. Shpg. wt. 10 lbs. XC2152—Your Cost **\$2.65** Part No. 8473. Exact duplicate of the original. For 25-cycle. Shpg. wt. 13 lbs. XC2191—Your Cost **\$4.25**

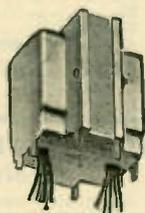
RCA 60, 62—Graybar Model 340 Brunswick 3NC8, 5NC-8

Part No. 8344. Exact duplicate of the original 50 to 60 cycle. Shpg. wt. 10 lbs. XC2153—Your Cost **\$2.65** Part No. 8350. Exact duplicate of the original. For 25-cycle. Shpg. wt. 12 lbs. XC2191—Your Cost **\$4.25**

Radiola 66—Graybar 600 Part No. 8483. Exact duplicate of the original. 50 to 60 cycle. Shpg. wt. 13 lbs. XC2154—Your Cost **\$3.15** Part No. 8484. Genuine replacement. 25-cycle operation. Shpg. wt. 15 lbs. XC2193—Your Cost **\$4.45**

Radiola 42 and 48 Victor 14, 15, 17 Westinghouse WR-4 G.E. Model T-41 Graybar 678, RC-3

Genuine RCA Part No. 8609 for above sets. Shpg. wt. 8 lbs. XC2155—Your Cost **\$2.20** Similar to above, for 120-volt, 25-cycle operation. Shpg. wt. 11 lbs. XC2143—Your Cost **\$3.95**



RCA-Victor R74, R76, R77, RE-81 General Electric J-105, J-107

Genuine Part No. 8932. Shpg. wt. 8 lbs. XC2007—Your Cost **\$3.95**

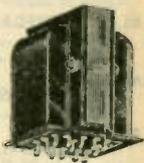
RCA-Victor Models R37, R38, 120 General Electric K-60, K-65

Genuine Part No. 9005. Shpg. wt. 6 lbs. XC2009—Your Cost **\$2.88**

RCA-Victor, R28, RE-40, 110, 111, 115, 210, 310, G.E. K-50, K-54 Genuine Part No. 8985. Shpg. wt. 6 lbs. XC2008—Your Cost **\$2.56**

Majestic

Replacement Power Transformers



Majestic Model 200

Majestic Part No. 6231. Shpg. wt. 7 lbs. XC2043—Your Cost **\$3.25**

Majestic Model 300

Majestic Part No. 7321. Shpg. wt. 7 lbs. XC2044—Your Cost **\$3.25**

Majestic Model 310A

Majestic Part No. 7846. Shpg. wt. 7 lbs. XC2045—Your Cost **\$2.10**

Majestic Model 310B

Majestic Part No. 8865. Shpg. wt. 7 lbs. XC2046—Your Cost **\$2.25**

Majestic Model 330

Majestic Part No. 8717. Shpg. wt. 7 lbs. XC2047—Your Cost **\$1.95**

Majestic Model 390

Majestic Part No. 916K. Shpg. wt. 7 lbs. XC2048—Your Cost **\$2.25**

Majestic Model 800

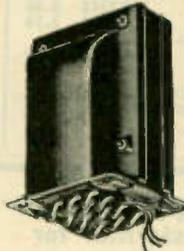
Majestic Part No. 11031. Shpg. wt. 7 lbs. XC2049—Your Cost **\$2.25**

Majestic Model 130A

Majestic Part No. 891. Shpg. wt. 7 lbs. XC2130—Your Cost **\$3.65**

PHILCO POWER TRANSFORMERS

Guaranteed Replacements



Designed for Philco Replacements, Guaranteed to be equal to the original General purpose replacement. The usual method of installing these transformers makes possible a very neat arrangement with all wiring out of sight under the base panel. Av. Shpg. wt. 8 lbs. Hook-up furnished with each transformer. All have 110-volt, 60-cycle primary.

| Chassis | Tubes Used (1-80, and) | Philco Part | Stock No. |
|---------|------------------------|-------------|-----------|
| 20-220 | 3-24s; 1-27; 2-71As | 4234 | XC1955 |
| 65 | 2-24s; 1-27; 2-45s | 3516 | XC1956 |
| 70 | 4-24s; 1-27; 2-45s | 5117 | XC1957 |
| 76-77 | 3-24s; 1-27; 2-45s | 3868 | XC1958 |
| 86 | 4-26s; 1-27; 2-71s | 3271 | XC1960 |
| 87 | 4-26s; 1-27; 2-45s | 3400 | XC1959 |
| 90 | 4-24s; 2-27s; 2-45s | 4938 | XC1961 |
| 95-96 | 3-24s; 3-27s; 2-45s | 3752 | XC1962 |
| 111-211 | 4-24s; 4-27s; 2-45s | 4446 | XC1963 |
| 111-211 | 4-24s; 4-27s; 2-47s | 5594 | XC1954 |
| 50-51 | 2-24s; 1-35; 1-47 | 5266 | XC1951 |
| 71-91 | 2-44s; 1-37; 1-36 | 6804 | XC1911 |
| | 2-42s | | |

Any of the above models Your Cost **\$2.45**

Perfect Merchandise - Prompt Shipment - Personal Service

POWER

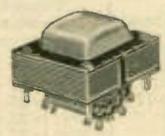
| Name of Radio and Model | Stock No. | Your Cost |
|---|-----------|-----------|
| ALL AMERICAN MOHAWK | | |
| Lyric 90 | XC2200 | \$3.50 |
| D and H | XC2201 | 3.75 |
| AMRAD | | |
| 81 Bel Canto Series | XC2281 | \$3.95 |
| 7191 | XC2215 | 3.50 |
| APEX | | |
| Gloritone 26-A | XC2205 | \$3.25 |
| Gloritone 26-P | XC2484 | 2.95 |
| Gloritone 27 | XC2485 | 2.95 |
| 36 and 37 | XC2206 | 3.45 |
| 41 | XC2207 | 3.45 |
| 28-A, 29 and 31 | XC2212 | 4.40 |
| 46, 47 and 48 | XC2208 | 3.95 |
| 99 | XC2209 | 2.95 |
| Case 80 | XC2210 | 3.75 |
| 8-B | XC2211 | 3.40 |
| 7 | XC2480 | 3.10 |
| 7 (25 cycle) | XC2481 | 4.40 |
| 9 | XC2482 | 3.10 |
| 32 | XC2483 | 3.45 |
| ATWATER KENT | | |
| 36, 37 and 38 | XC2255 | \$2.25 |
| 40, 56, 57 Complete Pack | XB1381 | 4.75 |
| 42, 44, 45, 52 Complete Pack | XB1376 | 4.75 |
| 43, 46, 47, 53 Complete Pack | XB1375 | 6.90 |
| 41 D. C. Complete Pack | XB1383 | 2.45 |
| 55 and 55-C, Early Types | XC2449 | 4.20 |
| 55 and 55-C, Late Types | XC2446 | 4.20 |
| 60 and 60-C | XC2246 | 4.65 |
| 66 Filament Transformer | XC2245 | 3.60 |
| 66 Plate Transformer | XC2244 | 4.98 |
| H-1, H-2, L-1, L-2 | XC2440 | 3.25 |
| 82, 85 | XC2447 | 3.55 |
| 82-F, 85-F, 25 cycle | XC2448 | 5.25 |
| 55 and 55-C, Early, 25 cycle | XC2377 | 6.45 |
| 55 and 55-C, Late, 25 cycle | XC2470 | 6.45 |
| 60 and 60-C, 25 cycle | XC2471 | 6.45 |
| 80 and 83 | XC2472 | 3.50 |
| 80-F and 83-F, 25 cycle | XC2473 | 6.45 |
| 84 | XC2474 | 3.75 |
| 84-F, 25 cycle | XC2475 | 6.45 |
| 87, 89 and 89-P | XC2476 | 3.88 |
| 89-F, 25 cycle | XC2477 | 5.90 |
| 70, 72, 75, L-1, L-2, H-1, H-2 | XC2440 | 3.25 |
| 310 | XC2378 | 3.95 |
| BOSCH | | |
| 28 | XC2254 | \$2.95 |
| 29-A | XC2336 | 4.15 |
| 48 | XC2260 | 3.35 |
| 58 | XC2261 | 3.35 |
| 60 | XC2262 | 3.75 |
| 133 | XC2202 | 3.75 |
| Model 20 | XC2432 | 3.25 |
| Model 250-P | XC2433 | 4.75 |
| BRANDES | | |
| B-10 and B-11 | XC2050 | \$2.95 |
| B-15 and B-16 | XC2051 | 4.70 |
| BREMER-TULLY | | |
| 6-40, 6-41 | XC2220 | \$3.25 |
| S-14, S-21, S-81, S-82 | XC2365 | 3.95 |
| 770, 771 | XC2364 | 3.35 |
| S-14, S-21, S-31, S-81, S-82, 25 cycle | XC2374 | 6.45 |
| BRUNSWICK | | |
| 2-KRO, 3-KRO, 3-KR6, 5-KR, 5-KRO, 5-KR6 | XC2150 | \$1.45 |
| 2-KRO, 3-KRO, etc., 25 cycle | XC2151 | 3.20 |

| Name of Radio and Model | Stock No. | Your Cost |
|---|-----------|-----------|
| 3-NC8 and 5-NC8 | XC2153 | \$2.65 |
| 3-NC8 and 5-NC8, 25 cycle | XC2191 | 4.25 |
| S-14, S-21, S-81, S-82 | XC2365 | 3.75 |
| 14, 21, 31, 25 cycle | XC2081 | 6.45 |
| 10 | XC2082 | 2.59 |
| 11, 12, 16, 33 | XC2083 | 3.80 |
| 17 | XC2084 | 4.45 |
| CLARION | | |
| 51, 53 and 55 | XC2233 | \$4.35 |
| 60 | XC2232 | 4.35 |
| 90 | XC2236 | 6.35 |
| CLUB ALUMINUM | | |
| 9 in Line | XC2316 | \$4.40 |
| COLONIAL | | |
| 31 | XC2363 | \$3.75 |
| 32 | XC2279 | 3.50 |
| 33, 34 and 35 | XC2280 | 4.10 |
| 36-114, 38-117, 39-125 | XC2225 | 3.45 |
| 47 | XC2227 | 3.75 |
| 28, Plate Transformer | XC2369 | 3.75 |
| COLUMBIA-KOLSTER | | |
| 930-300 | XC2057 | \$6.35 |
| 931 | XC2058 | 6.35 |
| 950 | XC2059 | 4.50 |
| COLUMBIA RADIO | | |
| Screen Grid 8 | XC2305 | \$3.45 |
| Screen Grid 9 | XC2434 | 4.25 |
| CROSLEY | | |
| Power Converters, 104-105- | | |
| 106 Bandbox | XC1882 | \$1.25 |
| 602 Bandbox | XC1888 | 1.45 |
| AC-7 | XC1890 | 1.10 |
| 608 | XC1884 | .90 |
| 608, 25 cycle | XC1885 | 1.75 |
| 704 | XC1887 | 1.95 |
| 704-A | XC1886 | 1.85 |
| 30-S, 31-S, 33-S and 34-S | XC1883 | 2.25 |
| 706 Showbox and 704-B | XC1850 | 3.25 |
| 40-S, 41-S, 42-S and 82-S | XC1851 | 4.10 |
| 32, 40 and 41 | XC1852 | 3.95 |
| 41-A and 42-A | XC1853 | 3.75 |
| DAYFAN (General Motors) | | |
| A-5005 Series, 4041 | XC2231 | \$4.25 |
| EARL | | |
| 21 and 22 | XC2286 | \$2.60 |
| 24, 31, 32, 33 and 41 | XC2287 | 2.95 |
| 24, 31, 32, 33 and 41, coil only | XC2288 | 1.95 |
| EDISON | | |
| R-4, R-5 and C-4 | XC2251 | \$3.95 |
| R-6 and R-7 | XC2306 | 4.20 |
| R-1, R-2 and C-2 (Plate Transformer) | XC2350 | 2.85 |
| R-1, R-2 and C-2 (Filament Transformer) | XC2338 | 4.50 |
| EVEREADY | | |
| 1, 2 and 3 | XC2254 | \$2.95 |
| 30 series | XC2283 | 2.30 |
| 40 and 50 series | XC2284 | 2.75 |
| FADA | | |
| 10, 11, 16, 17, 20, 30, 31 and 32 | XC2277 | \$3.70 |
| 25 | XC2351 | 3.75 |
| 35 and 35-B | XC2352 | 3.80 |
| 41, 42, 44, 46 and 47 | XC2353 | 3.80 |
| 43 | XC2354 | 3.80 |
| 50, 70, 71, 72 for E-420 | XC2355 | 3.75 |

| Name of Radio and Model | Stock No. | Your Cost |
|--------------------------------------|-----------|-----------|
| 50, 70, 71, 72 for 180 Power Unit | | |
| XC2356 | | \$3.80 |
| 75 and 77 | XC2357 | 3.75 |
| 45 (KU) | XC2358 | 4.15 |
| RA | XC2460 | 4.30 |
| RC | XC2461 | 4.75 |
| RE | XC2462 | 4.30 |
| KY | XC2463 | 4.30 |
| KO and KOC; 51, 53, 57 | XC2464 | 4.30 |
| KX | XC2465 | 4.30 |
| FREED | | |
| 55 and 56 | XC2286 | \$2.60 |
| 65, 78, 79, 90 and 95 | XC2287 | 2.95 |
| 65, 78, 79, 90 and 95, coil only | XC2288 | 1.95 |
| FREED-EISEMANN | | |
| NR-57 and NR-60 | XC2285 | \$4.30 |
| NR-80 | XC2323 | 4.20 |
| NR-85 | XC2321 | 4.00 |
| Model NR-11—411 Pack | XC2435 | 6.75 |
| FRESHMAN | | |
| "Q" 60 cycle | XC2263 | \$2.75 |
| "QD" 60 cycle | XC2264 | 3.70 |
| "QD" 25 cycle | XC2274 | 4.70 |
| "ERAC" 60 cycle | XC2308 | 4.75 |
| G-60-S Plate Transformer | XC2311 | 2.30 |
| N, 2-N, N-11, N-12, N-17, N-60S | XC2313 | 4.70 |
| "EAC" | XC2349 | 5.10 |
| Model H Plate Transformer | XC2436 | 5.95 |
| Model H Filament Transformer | XC2444 | 2.90 |
| GENERAL ELECTRIC | | |
| H-31, H-51 and H-71, 60 cycle | XC2156 | \$1.95 |
| H-31, H-51 and H-71, 25 cycle | XC2141 | 2.95 |
| H-31, H-51 and H-71, 220 v | XC2142 | 2.25 |
| T-41, 60 cycle | XC2155 | 2.20 |
| T-41, 25 cycle | XC2143 | 3.95 |
| T-41, 220 volt | XC2144 | 1.95 |
| S-22, S-42, 60 cycle | XC2187 | 2.50 |
| S-22, S-42, 25 cycle | XC2145 | 3.95 |
| S-22, S-42, 220 volt | XC2146 | 3.95 |
| T-12, 60 cycle | XC2188 | 2.25 |
| T-12, 25 cycle | XC2147 | 2.65 |
| T-12, 220 volt | XC2148 | 3.70 |
| K-62, 60 cycle | XC2189 | 3.95 |
| K-62, 220 volt | XC2069 | 5.25 |
| H-32, H-72, 60 cycle | XC2190 | 3.45 |
| H-32, H-72, 60 cycle, 220 v | XC2457 | 4.75 |
| J-72 | XC2118 | 2.50 |
| J-80 Series | XC2117 | 3.25 |
| J-83 and J-87 | XC2119 | 2.75 |
| J-80 and J-85 | XC2112 | 3.50 |
| J-125 | XC2116 | 4.75 |
| J-70-75 | XC2454 | 1.90 |
| J-100, J-107 | XC2115 | 3.50 |
| GENERAL MOTORS | | |
| "A" Chassis, 120, 130, 140, 150, 160 | XC2278 | \$3.25 |
| MA and MB Chassis for 110, 180, 190 | XC2221 | 2.90 |
| 253, 254, 255, 256, 257, 258 | XC2222 | 4.30 |
| S-1-A, 216, 217, 219, 250 | XC2219 | 3.30 |
| GRAYBAR | | |
| 311, 60 cycle | XC2150 | \$1.45 |
| 311, 25 cycle | XC2151 | 3.25 |
| 500 and 560, 60 cycle | XC2152 | 2.70 |

Midget Replacement Power Transformer for 4 and 5 Tube Receivers

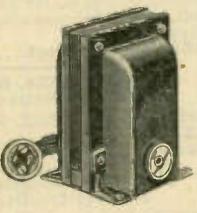
A compact midget type power transformer that can be used for replacement purposes in practically any midget set using from 4 to 5 tubes. It is also an excellent transformer for use in self-powered short wave converters and short wave receivers. Flush mounting type. Has the following secondary windings: 2.5 volts at 7 amps., 5 volts at 2 amps., 340/340 volts at 60 M. A. Primary 115 volts 50/60 cycle. Size 3x2 1/2 x 1 3/4". Mounting centers, 2 1/2 x 2". Shpg. wt. 4 lbs. **XC2431—Your Cost**



90c

Step-Down Transformer 220 Volt to 110 Volt

A dependable transformer for use in stepping 220 volts down to 110 volts. Fully shielded with 6 foot heavy lamp cord for 220 volt line, and flush receptacle for 110 volt side. Size 3 1/4 x 4 x 5 1/4" high, mounting centers 2 3/4 x 3 3/4". For Receivers and Appliances drawing up to 160 watts. Shpg. wt. 9 lbs. **XC1968—Your Cost**



\$2.90
For use with Midget Receivers, Dynamic Speakers, or any other 110-volt appliance that draws up to 80 watts. Shpg. wt. 6 lbs. **XC1969—Your Cost**

RADIART 160 Watt

Variable Step-Down Transformer

200-250 V. to 110-120 V. This transformer has a variable primary. Will handle 160 watts continuously. Comes with 16' female lamp cord with 110-120 volt outlet, and 5 ft. lamp cord with male plug for 200-250 volt input. Size 3 3/4 x 3 1/2 x 4". Mounting centers 1 1/2 x 3 1/4". For use with large radio receivers or other electrical appliances. Permits using any 110 volt A. C. receiver on 220 volts A. C. Shpg. wt. 9 lbs. **XC1970—List \$7.50 Your Cost**



\$4.40

TRANSFORMERS



| Name of Radio and Model | Stock No. | Your Cost |
|--|---------------|-----------|
| GRAYBAR—(Cont.) | | |
| 500 and 550, 25 cycle..... | XC2192 | \$4.40 |
| 340, 60 cycle..... | XC2153 | 2.65 |
| 678, RC-3, 60 cycle..... | XC2155 | 2.20 |
| 678, RC-3, 25 cycle..... | XC2143 | 3.95 |
| 678, RC-3, 220 volt..... | XC2144 | 1.95 |
| 600, 60 cycle..... | XC2154 | 3.15 |
| 700, 770, 900, 60 cycle..... | XC2156 | 1.95 |
| 700, 770, 900, 25 cycle..... | XC2141 | 2.95 |
| 700, 770, 900, 220 volt..... | XC2142 | 2.25 |
| Midget 8, 60 cycle..... | XC2187 | 2.50 |
| Midget 8, 25 cycle..... | XC2145 | 3.95 |
| Midget 8, 220 volt..... | XC2146 | 4.10 |
| Graybarette No. 4, 60 cycle..... | XC2188 | 2.25 |
| Graybarette No. 4, 25 cycle..... | XC2147 | 2.65 |
| Graybarette No. 4, 220 volt..... | XC2148 | 3.70 |
| GB-9, 60 cycle..... | XC2189 | 3.95 |
| GB-9, 25 cycle..... | XC2149 | 5.25 |
| GB-9, 220 volt..... | XC2069 | 5.25 |
| GB-100, 60 cycle..... | XC2190 | 3.45 |
| GB-100, 220 volt..... | XC2457 | 4.75 |
| GREBE | | |
| SK-4..... | XC2235 | \$3.75 |
| AC-6..... | XC2234 | 3.75 |
| HS-4, 1-2 1/2 volt Windings..... | XC2223 | 3.50 |
| HS-4, 2-2 1/2 volt Windings..... | XC2224 | 3.50 |
| AH-1..... | XC2228 | 4.50 |
| 412 Amplifier..... | XC2229 | 4.95 |
| GULBRANSEN | | |
| Series 63, AC-6..... | XC2238 | \$7.20 |
| "C", 9 in Line..... | XC2316 | 5.10 |
| KENNEY | | |
| 10 and 20..... | XC2359 | \$2.85 |
| 26 and 34..... | XC2390 | 3.85 |
| KOLSTFR | | |
| K-20, K-21, K-22, K-23, K-25, 60 cycle..... | XC2052 | \$4.75 |
| K-20, K-21, K-22, K-23, K-25, 25 cycle..... | XC2053 | 5.95 |
| K-24..... | XC2054 | 5.35 |
| K-43 and K-48..... | XC2051 | 4.60 |
| K-44..... | XC2055 | 5.85 |
| 6-J and 6-K..... | XC2066 | 3.85 |
| International K-60, K-70..... | XC2067 | 3.90 |
| International K-80, K-90..... | XC2068 | 3.90 |
| MAJESTIC | | |
| 70, 71, 72, 7-BP6, Plate-Filament..... | XC2125 | \$3.85 |
| 90, 91, 92, 9-BP6, Plate-Filament..... | XC2100 | 1.35 |
| 180, 8-BP6, Plate Transf. 70 Series, Filament Transformer 7-BP6..... | XC2169 | 4.25 |
| 90-B and 100-B..... | XC2105 | .75 |
| Chassis 15: 151, 153, 154..... | XC1491 | 1.75 |
| Chassis 20: 21, 22, 23..... | XC2129 | 3.95 |
| Chassis 60: 160, 61, 62, 163..... | XC2131 | 3.85 |
| Chassis 50: 52..... | XC2132 | 3.85 |
| Chassis 130: 130, 131, 132..... | XC2130 | 3.65 |
| 200 Series..... | XC2136 | 3.95 |
| 25 Series..... | XC2128 | 3.80 |
| 90B, 100B, 25 cycle..... | XC2138 | 6.25 |
| 130, 25 cycle..... | XC2139 | 6.25 |
| 25, 25 cycle..... | XC2121 | 6.25 |
| 50, 25 cycle..... | XC2122 | 6.25 |
| 60, 25 cycle..... | XC2123 | 6.75 |
| 30..... | XC2110 | 4.25 |
| 30, 25 cycle..... | XC2111 | 6.25 |
| 35, 351..... | XC2099 | 4.25 |
| 210, 211, 214, 215..... | XC2097 | 4.40 |
| PEERLESS | | |
| Series 20 Electrostatic..... | XC2140 | \$4.75 |
| Courier 65: 651, 652 and 653..... | XC2290 | 2.50 |

| Name of Radio and Model | Stock No. | Your Cost |
|-------------------------------------|---------------|-----------|
| PHILCO | | |
| 15..... | XC1909 | \$2.95 |
| 20 and 220..... | XC1955 | 2.45 |
| 21..... | XC1910 | 3.50 |
| 60..... | XC1951 | 2.45 |
| 55..... | XC1956 | 2.45 |
| 70..... | XC1957 | 2.45 |
| 76 and 77..... | XC1958 | 2.45 |
| 86..... | XC1960 | 2.45 |
| 87..... | XC1959 | 2.45 |
| 90 (2-45s)..... | XC1961 | 2.45 |
| 90 (1-47)..... | XC1952 | 2.60 |
| 90 (2-47)..... | XC1953 | 2.60 |
| 91-121..... | XC1911 | 2.45 |
| 95 and 96..... | XC1962 | 2.60 |
| 111 and 211..... | XC1963 | 2.45 |
| 112 and 212..... | XC1954 | 2.45 |
| 500 Series (511)..... | XC1964 | 2.60 |
| RCA-RADIOLA | | |
| 30-A..... | XC2175 | \$3.85 |
| 17, 18, 33, 50, 51; 60 cycle..... | XC2150 | 1.45 |
| 17, 18, 33, 50, 51; 25 cycle..... | XC2151 | 3.20 |
| 44, 46, 47; 60 cycle..... | XC2152 | 2.65 |
| 44, 46, 47; 25 cycle..... | XC2192 | 4.40 |
| 60 and 62; 60 cycle..... | XC2153 | 2.65 |
| 60 and 62; 25 cycle..... | XC2191 | 4.40 |
| 66; 60 cycle..... | XC2154 | 3.15 |
| 66; 25 cycle..... | XC2193 | 4.45 |
| 64 and 67; 60 cycle..... | XC2157 | 8.50 |
| 64 and 67; 25 cycle..... | XC2198 | 12.25 |
| 42 and 48; 60 cycle..... | XC2155 | 2.20 |
| 42 and 48; 25 cycle..... | XC2143 | 3.95 |
| 80, 82, 86; 60 cycle..... | XC2156 | 1.95 |
| 80, 82, 86; 25 cycle..... | XC2141 | 2.95 |
| 80, 82, 86; 220 volt..... | XC2142 | 2.25 |
| Supernote (8 tube), 60 cycle..... | XC2187 | 2.50 |
| Supernote (8 tube), 25 cycle..... | XC2145 | 3.95 |
| Supernote (8 tube), 220 volt..... | XC2146 | 4.10 |
| Radiolette (4 tube), 60 cycle..... | XC2188 | 2.25 |
| Radiolette (4 tube), 25 cycle..... | XC2147 | 2.65 |
| Radiolette (4 tube), 220 volt..... | XC2148 | 3.70 |
| R-11, 18 and 18-A; 60 cycle..... | XC2189 | 3.95 |
| R-11, 18 and 18-A; 25 cycle..... | XC2149 | 5.25 |
| R-11, 18 and 18-A; 220 volt..... | XC2069 | 5.25 |
| R-50, R-55 and RE-20, 60 cycle..... | XC2190 | 3.45 |
| R-8, R-10, R-12, 60 cycle..... | XC2122 | 3.50 |
| R-8, R-10, R-12, 25 cycle..... | XC2113 | 6.95 |
| R-8, R-10, R-12, 220 volt..... | XC2114 | 5.40 |
| R-71, R-72..... | XC2117 | 3.25 |
| Bi-Acoustic R-78..... | XC2116 | 4.75 |
| R-4, R-6..... | XC2454 | 1.90 |
| RCA 74, 76, 77, RE-81..... | XC2007 | 3.25 |
| SONORA | | |
| A-31..... | XC2275 | \$3.40 |
| SPARTON | | |
| AC-7, 62 and 63..... | XA229 | \$2.30 |
| 69, 79, 79-A and 89..... | XA230 | 3.75 |
| 930..... | XA228 | 1.85 |
| 89-A..... | XA231 | 6.30 |
| 109 Sparks Ensemble and DeLuxe..... | XA232 | 6.90 |
| 101, 110, 111, 574 and 870..... | XA233 | 4.45 |

| Name of Radio and Model | Stock No. | Your Cost |
|---|---------------|-----------|
| SPARTON—(Cont.) | | |
| 589, 591, 593 and 931..... | XA234 | \$3.85 |
| 301, 564 and 570..... | XA235 | 5.75 |
| 600, 610, 620 and 737..... | XA236 | 3.75 |
| 410, 420..... | XA250 | 3.50 |
| 25, 26, 30 and 45..... | XA251 | 3.85 |
| 15..... | XA253 | 1.75 |
| SPLITDORF | | |
| M-6 Plate Transformer..... | XA254 | \$3.40 |
| STEINITE | | |
| 40, 40-A, 405 and 45A..... | XC2276 | \$3.35 |
| 70..... | XC2217 | 2.95 |
| 261, 262, Complete Pack..... | XC2494 | 7.40 |
| STEWART-WARNER | | |
| 950 Series, 951, 952, 953, 961, 962, 963..... | XC2272 | \$3.65 |
| 100-A and 100-B..... | XC2242 | 3.75 |
| 515, 516, 715, 801, 801-A, 802..... | XC2204 | 3.40 |
| 102, A, B, E..... | XC2214 | 3.40 |
| 102, A, B, C, 25 cycle..... | XC2216 | 5.40 |
| STROMBERG-CARLSON | | |
| 10, 11, 25 and 26..... | XC2370 | \$3.75 |
| 12 and 14..... | XC2262 | 4.85 |
| 19, 20, 22 and 22A..... | XC2371 | 3.85 |
| 29..... | XC2372 | 3.75 |
| 38, 39, 40, 41..... | XC2392 | 3.95 |
| 635 and 636..... | XC2256 | 3.80 |
| 638, 25-60 cycle..... | XC2249 | 6.40 |
| 641, 642, 652, 654..... | XC2257 | 3.45 |
| 846 and 848..... | XC2258 | 4.40 |
| 846 Speaker Transformer..... | XC2346 | 3.40 |
| Model 635, 636, 25 cycle..... | XC2439 | 7.25 |
| VICTOR | | |
| R-32, RE-45, R-52 and RE-75 (new type)..... | XC2185 | \$2.65 |
| 15, 14 and 17..... | XC2155 | 2.20 |
| 35, 39 and 57, 60 cycle..... | XC2195 | 1.95 |
| 35, 39 and 57, 25 cycle..... | XC2442 | 4.95 |
| 7-11, 7-25, 7-26 and 17-8, 60 cycle..... | XC2150 | 1.45 |
| 9-18 and 9-54..... | XC2157 | 8.50 |
| 9-18 and 9-54, 25 cycle..... | XC2198 | 12.25 |
| R-7AC..... | XC2187 | 2.50 |
| R-5AC..... | XC2188 | 2.25 |
| R-11..... | XC2189 | 3.95 |
| RAE-59, RAE-79, 60 cycle..... | XC2190 | 3.45 |
| RAE-59, RAE-79, 220 volt..... | XC2457 | 4.75 |
| WESTINGHOUSE | | |
| WR-4..... | XC2155 | \$2.20 |
| WR-5, WR-6 and WR-7..... | XC2156 | 1.95 |
| WR-10-A..... | XC2187 | 2.50 |
| WR-14..... | XC2188 | 2.25 |
| WR-15..... | XC2189 | 3.95 |
| ZENITH | | |
| 50-60 and 70 Series: ZE-50, ZE-60, ZE-70 Power Units..... | XC1980 | \$3.65 |
| 35PX, 35APX, 37A: ZE-18 Plate Transformer..... | XC1983 | 3.30 |
| Super-Het, 10, 11 and 12, 60 cycle..... | XC1981 | 3.25 |
| 50, 60, 70 Series, 25 cycle..... | XC1988 | 6.25 |
| ZE240..... | XC1978 | 2.45 |
| 91, 92..... | XC1984 | 4.25 |
| ZE-7 Plate Transformer..... | XC1985 | 4.25 |
| ZE-11 Plate Transformer for 34-P, 35-P, 37A..... | XC1976 | 3.25 |
| 410, 411..... | XC1977 | 3.75 |

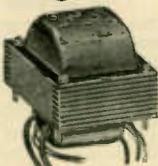
NOTE

We can supply any transformer not shown in the listing at the very lowest prices. Write us, giving name and model number of the receiver, and we will quote immediately.



RCA Victor R-7 Superette General Electric S-22 Graybar 8 Midget

This is the original RCA Power Transformer used in the above receivers. RCA Parts No. 8679. It is sold at a price much lower than the cost of a replacement transformer, and is guaranteed genuine. Supplies filament and plate voltages for the following tubes: 2-35s; 2-27s; 1-24; 2-45s and 1-80. This transformer may also be used for other receivers having similar tube requirements. Primary is designed for operation on 110 to 120 volts, 60 cycles. Shpg. wt. 7 lbs.
XC2187—Your Cost. \$2.50



Radiola Models 42 and 48 Victor Models 14, 15 and 17 Westinghouse Model WR-4 General Electric Model T-41 Graybar 678, RC-3

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. 8609. 110 volt, 60 cycle. Shpg. wt. 9 lbs.
XC2155—\$2.20 Your Cost
For 120 volt, 25 cycle operation. Shpg. wt. 11 lbs.
XC2143—\$3.95 Your Cost



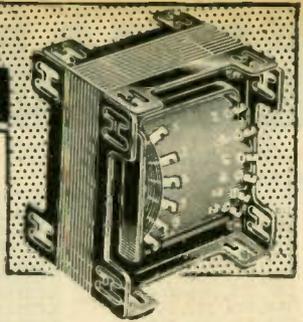
Special 4-Tube Midget Transformer

A midget transformer especially designed for use in the popular "cigar box" midgets. Has the following windings: 2 1/2 volts, C.T. at 3.75 amps. for two heater and one power tubes; 5 volts at 2 amps. for 80 rectifier. Primary 110-120 volts, 60 cycles. High voltage secondary delivers 650 volts, C.T. at 40 M.A. Mounting area 3x2 1/2". Mounting dimensions 2 1/2 x 2". Flush mounting type, for mounting on top of chassis. This transformer is an excellent one to use for building short wave converters or for use in A.C. powered signal generators or oscillators. It is also suitable for use in short wave pre-selectors. Shpg. wt. 4 lbs.
XC1521—75¢ Your Cost, Special



Truest UNIVERSAL REPLACEMENTS

Built for Extra Heavy Duty Service



The most complete line of universal replacement power transformers, with flexible tube combinations and adjustable mounting frames that permit an adequate range of mounting adjustments for all practical purposes. They are so ingeniously designed and so expertly built that there is hardly a receiver of standard make that cannot be honestly and economically serviced by means of one of these types listed on this page. We say honestly because we know their elec-

trical characteristics to be right by actual use, and because we know them to be a quality product of a reputable manufacturer. One each enables you to service over 250 different sets on short notice. The very finest grade of copper, insulation, and steel is used in the manufacture of these products. No skimping, no border line ratings. Especially built over-size to afford a large safety factor. Equipped with soldering lugs mounted on a fibre strip.

For New Type Sets

8 to 10 Tubes

For 5-227's or 224's; 2-245's or 247's, 1-280. Primary: 110 volts 50-60 cycles. Secondary: (1) 700 volts C.T. 110 M.A. (plate). (2) 5 volts C.T. 2 amps. (1-280 filament). (3) 2.5 volts C.T. 3.5 amps. (2-245 or 247 filament).

(4) 2.5 volts C.T. 8.75 amps. (5-227's or 224's filament). Shpg. wt. 6 lbs. **\$2.10**

XC1477—Your Cost.....
For 110 volts 25 cycles. Shpg. wt. 10 lbs. **\$3.95**

10 to 12 Tubes

For 7-227's, or 224's, 2-245's or 247's, 1-280. Primary: 110 volts 50-60 cycles. Secondary: (1) 700 volts C.T. 110 M.A. (plate). (2) 5 volts. 2 amps. (1-280 filament). (3) 2.5 volts C.T. 3.5 amps. (2-245's or 247's filament).

(4) 2.5 volts C.T. 12.25 amps. (7-227's or 224's filament). Shpg. wt. 10 lbs. **\$2.55**

XC1475—Your Cost.....
For 110 volts 25 cycles. Shpg. wt. 15 lbs. **\$4.50**

Physical Dimensions

XC1463 Overall dimensions: $4\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$ ". Mounting dimensions: $1\frac{1}{8}$ " to $2\frac{1}{8} \times 1\frac{1}{8}$ " to $2\frac{3}{8}$ " or, $1\frac{1}{8}$ " to $2\frac{1}{8} \times 1\frac{1}{8}$ " to $3\frac{1}{8}$ ".

XC1475 Overall dimensions: $4\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$ ". Mounting dimensions: $1\frac{1}{8}$ " to $2\frac{1}{8} \times 1\frac{1}{8}$ " to $2\frac{3}{8}$ " or, $1\frac{1}{8}$ " to $2\frac{1}{8} \times 1\frac{1}{8}$ " to $3\frac{1}{8}$ ".

All 25-cycle universal replacement power transformers are slightly larger in size. The special mounting bracket on these Truest Universal Power Transformers affords the serviceman a real high quality replacement that can be mounted in a vertical, horizontal and even a flush position. Hook-up arrangement is printed on the transformer coil near the respective lugs, and can not be lost.

NOTE

We carry in stock at all times, a most complete line of every type and style of power transformers. Special power transformers, requiring different type windings, can be supplied at a most reasonable cost, to your own specifications. We will be pleased to quote on large quantities to jobbers and set manufacturers.

For Old Type Sets

8 to 10 Tubes

For 6-226's, 1-227, 2-171A's, 1-280. Primary: 110 volts 50-60 cycles. Secondary: (1) 600 volts C.T. 80 M.A. (plate). (2) 5 volts. 2 amps. (1-280 filament). (3) 2.5 volts C.T. 1.75 amps. (1-227 filament). (4) 5 volts C.T. $\frac{1}{2}$ amp. (2-171A's filament).

(5) 1.5 volts 6.3 amps. (6-226's filament). Shpg. wt. 6 lbs. **\$2.30**

XC1476—Your Cost.....
For 110 volts 25 cycles. Shpg. wt. 10 lbs. **\$4.25**

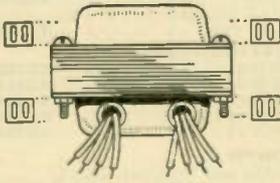
7 to 9 Tubes

For 6-227's, or 224's, 2-171A's, 1-280. Primary: 110 volts 50-60 cycles. Secondary: (1) 600 volts C.T. 70 M.A. (plate). (2) 5 volts. 2 amps. (1-280 filament). (3) 5 volts C.T. $\frac{1}{2}$ amp. (2-171A's filament).

(4) $2\frac{1}{2}$ volts C.T. 10.5 amps. (6-227's or 224's filament). Shpg. wt. 6 lbs. **\$2.30**

XC1463—Your Cost.....
For 110 volts 25 cycles. Shpg. wt. 10 lbs. **\$4.25**

LEHIGH "Vari-mount" Power Transformers



Lehigh transformers are supplied with side covers on each side and four specially designed removable corner mounting posts. With this combination practically any type of mounting is possible with a choice of 32 mounting holes. Leads are color coded. All have 115 volts 50-60-cycle primaries.

Either one or both shields may be dispensed with as desired thus making it possible to mount the transformer above or below the chassis.

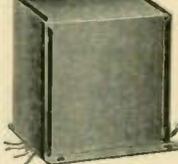
XC1800—For 4 or 5 tubes. Secondary: (1) 325-325 volts at 50 M.A.; (2) 5 volts at 3 Amp.; (3) 2.5 volts C.T. at 8.25 Amp.; (4) 6.3 volts C.T. at 1.70 Amp. Dimensions $3\frac{1}{2} \times 3\frac{3}{4} \times 3$ ". Shpg. wt. 6 lbs. **\$2.30**

XC1801—For 6 or 7 tubes. Secondary: (1) 350-350 volts at 70 M.A.; (2) 5 volts at 3 Amp.; (3) 2.5 volts C.T. at 7 Amp.; (4) 2.5 volts C.T. at 4 Amp.; (5) 6.3 volts C.T. at 2.7 Amp. Dimensions $3\frac{1}{2} \times 3\frac{3}{4} \times 3$ " overall. Shpg. wt. 6 lbs. **\$2.85**

XC1802—For 8 or 9 tubes. Secondary: (1) 350-350 at 110 M.A.; (2) 5 volts at 3 Amp. (3) 2.5 volts C.T. at 10.5 Amp.; (4) 2.5 volts C.T. at 4 Amp.; (5) 6.3 volts C.T. at 3.3 Amp. Dimensions $3\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$ " overall. Shpg. wt. 6 lbs. **\$3.15**

XC1803—For 10 or 11 tubes. Secondary: (1) 350-350 volts at 125 M.A.; (2) 5 volts at 3 Amp.; (3) 2.5 volts C.T. at 14 Amp.; (4) 2.5 volts C.T. at 4 Amp.; (5) 6.3 volts at 4 Amp. Dimensions $3\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$ " overall. Shpg. wt. 6 lbs. **\$3.27**

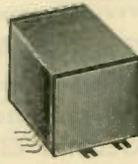
Truest "Moisture-Proof" 28 Watt Power Amplifier Transformer



Designed especially for use in power amplifiers having ratings up to 28 watts. All secondaries are full voltage. Ratings are conservative and reliable. Entire unit housed in shield can and equipped with coded leads. Primary 110-120 volts 60-cycle. Secondaries: 1200 volts at 250 M.A. center tapped, 2.5 volts at 8 amps., 2.5 volts at 8 amps., 5 volts at 4 amps. All secondaries center tapped. Shpg. wt. 24 lbs. **XN14599—List \$16.00.**

Your Cost, Special..... **\$7.95**

15 Watt Power Amplifier Transformer



Though designed for smaller (up to 15 watts) amplifiers than the transformer listed above this unit is every bit as reliable and as conservatively rated. Entire unit housed in shield can equipped with mounting lugs. Coded leads for easy identification. All secondaries are full rated voltage so essential for maximum efficiency. Primary: 110-120 volts 60-cycle. Secondary: 1000 volts at 110 M.A. center tapped, 2.5 volts at 8 amperes center tapped, 2.5 volts at 6 amperes center tapped, 5 volts at 4 amperes center tapped. Shpg. wt. 11 lbs. **XN14598**

Your Cost, Special..... **\$6.45**

NOTE

We can supply transformers to your specifications for any power amplifier. Write, giving full details, for quotations.

Truest "Bottom Shell" Transformers



A completely shielded transformer approved by the Underwriters.

For 5 to 6 Tubes Secondary: 5 volts at 3 amps., 2.5 volts at 5 1/2 amps., 2.5 volts C.T. at 1 1/2 amps., 650 volts C.T. at 50 M.A.; primary 115 volts 50-60 cycles. Dimensions: $2\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{3}{8}$ ". Shpg. wt. 5 lbs. **XC1450—Your Cost**..... **\$1.48**

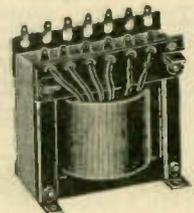
For 6 and 7 Tubes Secondary: 2.5 volts at 7 amps., 2.5 V.C.T. at 3 amps., 6 volts at 3 amps., 700 volts C.T. at 70 M.A. Dimensions: $3\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{3}{8}$ ". Primary 115 volts 50-60 cycles. Shpg. wt. 6 lbs. **XC1452—Your Cost**..... **\$1.75**

For 8 and 9 Tubes Secondary: 2.5 volts at 10.5 amps., 2.5 volts C.T. at 30 M.A., 5 volts at 8 amps., 700 volts C.T. at 9 M.A. Primary 115 volts 50-60 cycles. Dimensions: $3\frac{3}{8} \times 4\frac{1}{4} \times 3\frac{1}{2}$ " high. Shpg. wt. 7 lbs. **XC1452—Your Cost**..... **\$2.05**

Universal Replacement For 8 and 9-Tube Receivers

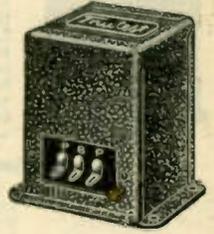
For 6 Heater Tubes, 2-45s or 47s and 1-80 Rectifier

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. 375-375 volts at 100 M.A. 2.5 volts at 9 Amps.; 2.5 volts at 3 Amps.; 5 volts at 2 Amps. For 105-120 volts, 50-60-cycle primary. Size $4\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ " high. Mounting centers, $2\frac{1}{8} \times 3\frac{1}{8}$ ". Shpg. wt. 9 lbs. **XC1488—Your Cost**..... **\$2.65**



Trutest De Luxe AUDIOS

The Most Comprehensive Line of DELUXE AUDIO EQUIPMENT AVAILABLE



The excellent performance of Trutest De Luxe Audio Equipment is due to intelligent design, unusual care in manufacture and selection of high quality material. Special high quality steel is used in the core laminations and a coil structure is employed which provides low distributed capacity, low capacity coupling and a high coupling factor. In all cases where a tap is brought out, it is done between sections and never from within the winding. Coils are layer wound and carefully tested. Failure due 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 high standards of material and workmanship is possible through our policy of laboratory controlled production. Our engineers are responsible for factory production as well as design. Shielded in a heavy gauge steel case, with a pleasing black shrivel finish. Size $2\frac{1}{4} \times 2\frac{1}{2} \times 3\frac{1}{2}$ ". Average shpg. wt. 3 lbs.

Inter-Stage Audios

- KC1580**—1st Stage Audio, DeLuxe, ratio $3\frac{1}{2}:1$.
Your Cost **\$2.40**
- KC1579**—Push-pull Input, DeLuxe, ratio $2\frac{1}{2}:1$.
Your Cost **\$2.50**
- KC1582**—Push-pull Plates to push-pull grids, ratio 1.75:1.
Your Cost **\$2.45**
- KC1577**—Push-pull Input, split secondaries, isolated, ratio 1.75:1.
Your Cost **\$2.75**

Tube-to-Line Transformers

- KC1591**—Two 43, 171A, 250 or 245 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.
Your Cost **\$3.45**
- KC1592**—Two 18, 20, 33, 41, 42, 47, 59, 2A5 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.
Your Cost **\$3.45**
- KC1593**—Operating out of General purpose to 500 and 200 ohm lines.
Your Cost **\$3.45**
- KC1943**—Two 2A3 type tubes to a 250, 500, 1000 ohm line.
Your Cost **\$2.95**

Mixer Transformers

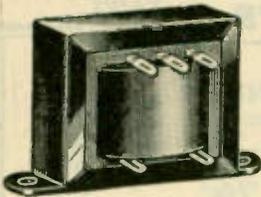
- KC1587**—Input, two button microphone, 200 ohm to grid of tube.
Your Cost **\$2.25**
- KC1590**—Input, two button microphone, 200 ohm to 500 ohm line.
Your Cost **\$2.75**
- KC1598**—Input, two button microphone, 200 ohms to a 50 ohm output. For using four microphones with four of these transformers; with secondaries in series feeding into a 200 ohm line.
Your Cost **\$2.75**
- KC1944**—Velocity ribbon microphone to a 200 and 500 ohm line.
Your Cost **\$2.95**
- KC1936**—50, 200, 500 ohm line to 50, 200, 500 ohm line.
Your Cost **\$2.95**
- KC1937**—Universal line to grid of a tube.
Your Cost **\$2.75**

DeLuxe Screen Grid Audio Coupler

- Used to couple a screen grid detector to an audio tube. Gives three times the amplification of resistance coupling. Size $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". Shpg. wt. 3 lbs.
KC1594—Your Cost **\$2.45**

Output Coupling Transformers

- KC1930**—Single 171A-245-43-50 output to a dynamic speaker 2-8-15 ohm voice coil.
Your Cost **\$2.40**
- KC1584**—Push-pull 45-71A-43-50 output to a dynamic speaker 2-8-15 ohm voice coil.
Your Cost **\$2.50**
- KC1931**—Single 18-20-33-41-42-47-59-2A5 output to a high impedance magnetic speaker.
Your Cost **\$2.40**
- KC1933**—Single 18-20-33-41-42-47-59-2A5 output to a dynamic speaker 2-8-15 ohm voice coil.
Your Cost **\$2.95**
- KC1585**—Push-pull 110-18-20-33-41-42-46-47 2A5-59 (Class B) output to a 2-8-15 ohm voice coil of a dynamic speaker.
Your Cost **\$2.50**
- KC1934**—Push-pull 2A3-48 output to a dynamic speaker 2-8-15 ohm voice coil.
Your Cost **\$2.50**
- KC1947**—Push-pull Class B 49s (53-79-89) (Class A 38s) to a dynamic speaker 2-8-15 ohm V. C.
Your Cost **\$2.50**



Trutest Standard Replacement Audios and Chokes

This complete line of TRUTEST Replacement Audios, Outputs and Chokes, has been very popular with the radio servicemen in their daily work of replacing defective audio parts of radio receivers. Only the best material and workmanship is used in construction of these transformers. TRUTEST replacement Audios and Chokes are of medium size, semi-open form, with strap mounting and bottom plate, cadmium plated. Average size $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{3}{4}$ ". Mounting centers, spaced $2\frac{3}{8}$ ". Shipping weight 3 lbs.

Outputs

- KC1553**—Output, Single '45 type tube to a 5-15 ohm voice coil of dynamic speaker.
Your Cost **57¢**
- KC1554**—Output Push-pull '45s type tubes to a 5-15 ohm voice coil of dynamic speaker.
Your Cost **62¢**
- KC1555**—Output, Single Pentode '47 to a 5-15 ohm voice coil of dynamic speaker.
Your Cost **77¢**
- KC1556**—Output, Push-pull Pentodes, to a 5-15 ohm voice coil of dynamic speaker.
Your Cost **75¢**
- KC1564**—Output, Push-pull, 49's Class B, to a 5-15 ohm voice coil of dynamic speaker.
Your Cost **\$1.15**
- KC1566**—Output, Push-Pull 2A3's, to a 5-15 ohm voice coil of dynamic speaker.
Your Cost **\$1.59**

Filter Chokes

- KC1557**—Choke, 25 henry. 25 M. A. maximum D. C. Resistance of 830 ohms.
Your Cost **69¢**
- KC1558**—Choke, 11 henry. 60 M. A. maximum D. C. Resistance of 300 ohms.
Your Cost **69¢**
- KC1570**—Choke, Heavy Duty, 30 henry. 125 M. A. maximum D. C. Resistance of 200 ohms.
Your Cost **89¢**

Audios

- KC1550**—Audio, either stage of straight audio amplification. Ratio 3:1.
Your Cost **59¢**
- KC1551**—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1.
Your Cost **62¢**
- KC1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1.
Your Cost **\$1.05**
- KC1562**—Push-pull Input, Split Secondaries (isolated), between 1 plate and 2 grids. Ratio 1.75:1.
Your Cost **\$1.08**

Special Line Transformer

A special transformer with coil wound on a $1\frac{1}{2}$ " core of special high permeability iron. Frequency characteristics exceptionally fine. Low loss factor.

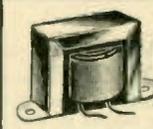
- KC1565**—500 or 250 ohm line to $\frac{1}{2}$ - $\frac{3}{4}$ -1.5-2-2.5-4-6-8-10-15 ohm voice coil.
Your Cost, Special **\$2.75**

Matching Transformers

- KC1561**—Double Button Microphone transformer, 200 ohms each side of center-tap.
Your Cost **\$1.15**



Trutest Midget Transformers and Chokes



An extremely compact, yet highly efficient series of transformers and chokes particularly suited for use in auto radio receivers and A. C.-D. C. compact radios. They can however be used in any type of receiver or amplifier. Unshielded strap mounting type with rust resisting frame. Dimensions $1\frac{1}{2} \times 1\frac{1}{8}$ ". Mounting centers $2\frac{3}{8}$ " apart.

Transformers

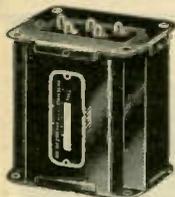
- KC1619**—Interstage audio, ratio $3\frac{1}{2}:1$.
Your Cost **54¢**
- KC1620**—Push-pull Input, ratio $1\frac{1}{2}:1$.
Your Cost **59¢**
- KC1607**—Single Output: 45, 48, 71A, 43, etc. to 5-15 ohm voice coil.
Your Cost **59¢**
- KC1609**—Single Output: 47, 59, 33, 2A5, 89, 31, 27, 42, 18, etc., to 5-15 ohm voice coil.
Your Cost **59¢**
- KC1614**—Push-pull Output: 45, 48, 71A, 43, etc., to 5-15 ohm voice coil.
Your Cost **59¢**
- KC1615**—Push-pull Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil.
Your Cost **59¢**

Chokes

- KC1601**—10 Henry Choke. Resistance 200 ohms, 50 M. A. maximum D. C.
Your Cost **39¢**
- KC1602**—11 Henry Choke. Resistance 250 ohms, 65 M. A. maximum D. C.
Your Cost **45¢**
- KC1603**—13 Henry Choke. Resistance 350 ohms, 50 M. A. maximum D. C.
Your Cost **45¢**
- KC1604**—20 Henry Choke. Resistance 500 ohms, 35 M. A. maximum D. C.
Your Cost **48¢**

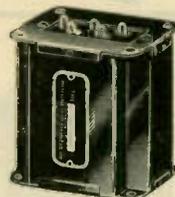
We Will Not Knowingly Be Undersold

Lafayette SPECIAL P.A. AUDIO TRANSFORMERS



The Public Address series of transformers described below, are designed to satisfy the demand for a popular priced quality line having the many exclusive features associated with Lafayette products. All cases are finished in black egg shell enamel to suit exacting commercial standards as to appearance. Each transformer may be fastened to chassis or rack panel with lugs either at top or bottom. The housings are symmetrical physically and similar in construction.

When grouped in finished equipment they present a thoroughly professional appearance. Every possible check is taken to assure uniform electrical characteristics on all components. The multiple tap windings make possible a wide combination of impedance connections without impairing the audio range or frequency response of any unit. For maximum performance in any audio circuit we strongly recommend Lafayette P.A. Units.



Overall Dimensions

| Mtg. Dim. | L | W | H |
|--|-------------------|-------------------|-------------------|
| Type A—1 $\frac{1}{2}$ x 2 $\frac{1}{4}$ " | 2 $\frac{1}{2}$ " | 3" | 3" |
| Type B—2 $\frac{1}{8}$ x 3 $\frac{1}{2}$ " | 3 $\frac{1}{2}$ " | 4 $\frac{1}{2}$ " | 3" |
| Type C—3 $\frac{1}{8}$ x 4 $\frac{1}{2}$ " | 3 $\frac{3}{8}$ " | 4 $\frac{3}{8}$ " | 4 $\frac{1}{8}$ " |

INPUT TRANSFORMERS, CLASS B

- Driver plate to 49, 53, 79 or 89 grids. Type A mounting. **Your Cost Each \$3.30**
- XE5429—Your Cost Each \$3.30
- Driver 46 or 59 plate to 46 or 59 grids. Type A mounting. **Your Cost Each \$3.30**
- XC2555—Your Cost Each \$3.30
- Push-pull 45 or 59 plates to two 46 or 59 grids. Type A mounting. **Your Cost Each \$3.90**
- XC2556—Your Cost Each \$3.90
- Push-pull 45 or 59 plates to two 10's, 800's, 830's, or RK18 grids. Type A mounting. **Your Cost Each \$4.50**
- XC2557—Your Cost Each \$4.50
- Push-pull 2A3 or 50 plates to two 203 grids. Type B mounting. **Your Cost Each \$5.10**
- XC2558—Your Cost Each \$5.10

OUTPUT TRANSFORMERS, CLASS B

- Push-pull 49, 53, 79, 89 plates to 500, 200, 16, 8, 5, 3, and 1.5 ohms. Type A mounting. **Your Cost Each \$4.20**
- XC5430—Your Cost Each \$4.20
- Push-pull 46 or 59 plates to 500, 200, 16, 8, 5, 3 and 1.5 ohms. Type A mounting. **Your Cost Each \$4.20**
- XC5431—Your Cost Each \$4.20

MIXING AND MATCHING TRANSFORMERS

- Mixing 500, 200, or 60-ohm line to 500, 200, or 60-ohm line. Type A mtg. **Your Cost Each \$3.30**
- XC2594—Your Cost Each \$3.30

Output Transformers, Class A

All secondary impedances of the units listed below are tapped for: 500, 250, 15, 8, 5, 3 and 1.5 ohms.

- Primary 8000 ohms plate to plate. Will match P.P. 50's, 45's, 43's. Single 211, 843, 842, 205D, 48. Type B mounting. **Your Cost Each \$4.20**
- XC2562—Your Cost Each \$4.20
- Primary 5000 ohms plate to plate or 3000 ohms plate to plate. For 5000 ohms will match P.P. self bias 2A3's. Single 59 triode, 71A or 2B6. For 3000 ohms will match P.P. 2A3's fixed bias. Type B mounting. **Your Cost Each \$4.20**
- XC2563—Your Cost Each \$4.20
- Primary 2500 ohms plate to plate or 1500 ohms plate to plate. For 2500 ohms will match four self biased 2A3's in push-pull parallel circuit. For 1500 ohms will match four 2A3's in push-pull parallel circuit, fixed bias. Type C mounting. **Your Cost Each \$6.00**
- XC2564—Your Cost Each \$6.00
- Primary 4000 ohms plate to plate. Will match four 60's in push-pull parallel. Type C mounting. **Your Cost Each \$6.00**
- XC2579—Your Cost Each \$6.00
- Primary 10,000 ohms or 6000 ohms plate to plate. For 10,000 ohms will match P.P. 59 triodes, 71A's, 2B6's; single 10, 41, 268A, 2A3. For 6000 ohms will match P.P. 52A's, or single 31, 46, 59 pentode. Type B mounting. **Your Cost Each \$4.20**
- XC2592—Your Cost Each \$4.20
- Primary 4000 ohms plate to plate. Will match P.P. 48 triodes or pentodes. Type B mounting. **Your Cost Each \$4.20**
- XC2593—Your Cost Each \$4.20

Input Transformers, Class A

- From one plate to one grid. Ratio 3:1. Type A mounting. **Your Cost Each \$2.70**
- XC2569—Your Cost Each \$2.70
- From one plate to two grids. Ratio 2:1 each side. Split secondaries. Type A mounting. **Your Cost Each \$3.00**
- XC2570—Your Cost Each \$3.00
- From 2 plates to 2 grids. 1.75 ratio each side. Primary and secondary each in two sections. Type A mounting. **Your Cost Each \$3.60**
- XC2571—Your Cost Each \$3.60
- 500, 200 or 50 ohm line to single grid. Type A mounting. **Your Cost Each \$3.90**
- XC2572—Your Cost Each \$3.90
- 600, 200 or 50 ohm line to push-pull grids. Type A mounting. **Your Cost Each \$4.50**
- XC2578—Your Cost Each \$4.50
- Single plate or pick-up and carbon mike or low impedance pick-up to one or two grids. Type A mounting. **Your Cost Each \$4.50**
- XC2573—Your Cost Each \$4.50
- Ribbon velocity mike to one or two grids. Type A mounting. **Your Cost Each \$3.90**
- XC2574—Your Cost Each \$3.90
- Ribbon velocity mike to 500, 200 or 50 ohm line. Type A mounting. **Your Cost Each \$3.90**
- XC2575—Your Cost Each \$3.90

TUBE TO LINE TRANSFORMERS

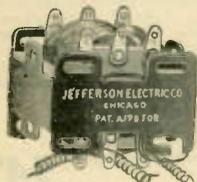
- From a low level triode plate to 500, 200 or 50 ohms. Type A mounting. **Your Cost Each \$3.90**
- XC2576—Your Cost Each \$3.90
- From a low level push-pull triode plate to 500, 200 or 50 ohms. Type A mounting. **Your Cost Each \$4.50**
- XC2577—Your Cost Each \$4.50



JEFFERSON Transformers



UNIVERSAL AUDIOS OUTPUTS



Primary and secondary tapped so that unit will match the output of any existing output tube to any voice coil. Full instructions for connections for various types of tubes and voice coils included. Size

1 $\frac{1}{2}$ x 2 $\frac{3}{4}$ x 2". Shpg. wt. 2 lbs.

XE5432—Type 467-170

Your Cost Each 94¢

Identical with the above, but with oversized core. For heavy duty work. Size 2x2 $\frac{3}{4}$ x 2"

XE5433—Type 467-176

Your Cost Each \$1.18

UNIVERSAL INPUTS

Can be used as straight audio, P.P. input, or double P.P. input transformer. Leads and lugs. Size 1 $\frac{1}{2}$ x 2 $\frac{3}{4}$ x 2". Shpg. wt. 2 lbs.

XE5434—Type 467-168

Your Cost Each 94¢

Similar to the above, but with oversized core. Size 2x2 $\frac{3}{4}$ x 2"

XE5435—Type 467-175

Your Cost Each \$1.18

UNIVERSAL CHOKES

Nominal inductance 20 henries. Maximum D.C. 100 M. A. Resistance 275 ohms. Tapped at all inductances down to 8 henries. Size 1 $\frac{1}{2}$ x 2 $\frac{3}{4}$ x 2". Shpg. wt. 2 lbs.

XE5437—Type 466-135

Your Cost Each 73¢

Similar to the above, but with heavy duty core. Size 2x2 $\frac{3}{4}$ x 2"

XE5437—Type 466-125

Your Cost Each 88¢

SPECIAL AUDIO Transformer



This compact audio unit can be used in any set, either A. C. or D. C., using straight audio amplification. Its low height makes it especially suited for sub-base installations. Two sets of brackets are provided for horizontal or vertical mounting. Turn ratio 3:1. Core of high grade silicon steel. Supplied with flexible leads. Size 1 $\frac{1}{2}$ " high, 2 $\frac{3}{8}$ " wide and 2 $\frac{1}{2}$ " deep. Shpg. wt. 2 lbs.

XE5461—Type 467-164

Your Cost, Special 73¢

"STAR" SEALED AUDIO

This transformer is fully sealed in a sheet metal case that prevents opens due to moisture. Coil machine wound to insure accuracy. Core of silicon steel. Turn ratio 3:1. Size 2 $\frac{3}{8}$ x 2 $\frac{1}{2}$ x 2 $\frac{3}{4}$ ". Binding post terminals. An excellent transformer for use in practically any type of receiving set or amplifier. Has an unusually fine frequency response for unit so small in size. Shpg. wt. 2 lbs.



XE5462—Type 467-113

Your Cost Each \$1.18

NOTE

We can supply any Jefferson product, not shown here, at a discount of 40 and 2% from the list price.

AUDIO UNITS

Type 467-403—Straight audio, ratio 1:3. Strap mounting. Size 2x3 $\frac{1}{4}$ x 1 $\frac{1}{2}$ ". Shpg. wt. 2 lbs.

XE5443—Your Cost Ea. 76¢

Type 467-404—Push-pull, input transformer. Ratio 1:3. Strap mounting. Size 2x3 $\frac{1}{4}$ x 1 $\frac{1}{2}$ ". Shpg. wt. 2 lbs.

XE5444—Your Cost Each 82¢

Type 467-410—Push-pull output. Matches P.P. pentodes or triodes to 6-8 ohm voice coil. Carries 3 $\frac{1}{2}$ watts. 7000 ohms C. T. Size 2x2 $\frac{1}{2}$ x 1 $\frac{1}{2}$ ". Shpg. wt. 2 lbs.

XE5445—Your Cost Each 68¢

Type 467-412—Push-pull output. Matches P.P. pentodes or triodes to 10-15 ohms voice coil. Carries 10 watts. 6000 ohms C. T. Size 1 $\frac{1}{2}$ x 2 $\frac{3}{4}$ x 1 $\frac{1}{2}$ ". Shpg. wt. 3 lbs.

XE5446—Your Cost Each 94¢

"Mike" and Line Transformers

Type 467-413—Single button mike transformer. Turn ratio 1:64. Flat from 30 to 7000 cycles. Size 2x3 $\frac{1}{4}$ x 1 $\frac{1}{2}$ ". Shpg. wt. 2 lbs.

XE5447—Your Cost Each 76¢

Type 467-414—Similar to above, but double button mike. Size 2x3 $\frac{1}{4}$ x 1 $\frac{1}{2}$ ".

XE5448—Your Cost Each 82¢

Tube to line, 200 or 500 ohm line. Size 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 2 $\frac{1}{4}$ ". Shpg. wt. 3 lbs.

XE5449—Type 467-177

Your Cost Each \$1.47

Line to tube, 500 or 200 ohms to tube. Size 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 2 $\frac{1}{4}$ ". Shpg. wt. 3 lbs.

XE5450—Type 467-178

Your Cost Each \$1.47

THORDARSON Replacement AUDIO TRANSFORMERS

Replacement Audio Transformers

Thordarson Audio Replacement Transformers have established an enviable reputation for dependability and service, especially so in warm and humid climates. Three sizes are shown, each available in various mountings so as to meet almost any space requirement.

| Stock No. | Type | Mount | Ratio | Size | List | Your Cost |
|-----------|-------|--------|-------|--------------------|--------|-----------|
| XA213 | R100 | Fig. 1 | 1-3 | 2 3/8 x 1 1/2 x 2" | \$1.75 | \$1.03 |
| XA240 | R103 | Fig. 3 | 1-3 | 1 7/8 x 2 x 2 3/8" | 2.00 | 1.18 |
| XA265 | T2999 | Fig. 2 | 1-3 | 1 7/8 x 2 x 2 1/4" | 1.75 | 1.03 |
| XA266 | T5736 | Fig. 4 | 1-3 | 2 x 2 x 2 1/4" | 2.00 | 1.18 |
| XA267 | T5737 | Fig. 2 | 1-3 | 2 1/4 x 2 1/2 x 3" | 3.00 | 1.75 |
| XA268 | T5738 | Fig. 4 | 1-3 | 2 1/4 x 2 1/2 x 3" | 3.25 | 1.90 |

Average shipping weight 3 lbs.

Output Coupling Transformers

The Thordarson line of Output Coupling Transformers is designed to cover practically all tube and speaker combinations in general use. The Types R107 and T5701 Transformers are of special interest since it is possible to properly match a wide variety of tubes to any voice coil ranging from 29 ohms to fractions of an ohm, depending on the plate impedance of the power tube used, by means of five secondaries.

| Stock No. | Type | Mount | Characteristics | List | Your Cost |
|-----------|-------|--------|-------------------------|--------|-----------|
| XA275 | R107 | Fig. 3 | Universal* | \$2.25 | \$1.33 |
| XA276 | T3399 | Fig. 2 | P. P. 45 or 71 to V. C. | 1.75 | 1.03 |
| XA277 | T5744 | Fig. 4 | P. P. 45 or 71 to V. C. | 2.00 | 1.18 |
| XA278 | T5701 | Fig. 2 | Universal* | 2.00 | 1.18 |

Sizes of above: 1 7/8 x 2 x 2 3/8". Shpg. wt. 3 lbs.

*Types R107 and T5701 are tapped output Transformers which can be used on either P. P. or single tubes and have a multiplicity of impedance ratios such that they can be used on most dynamic speakers.

| | | | | | |
|-------|-------|--------|-------------------------|--------|--------|
| XA279 | T5745 | Fig. 2 | P. P. 50 or 45 to V. C. | \$3.00 | \$1.75 |
| XA280 | T5746 | Fig. 4 | P. P. 50 or 45 to V. C. | 3.25 | 1.90 |

Sizes of above: 2 1/2 x 2 1/2 x 3". Shpg. wt. 3 lbs.

V. C. means voice coil of dynamic speaker.

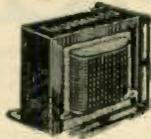


Fig. 1

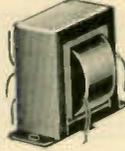


Fig. 2



Fig. 3



Fig. 4

Push-Pull Input Transformers

Thordarson Pushpull Input Transformers are produced with the same skill and care characteristic of all Thordarson equipment. The Power Detector Transformers are particularly desirable for receivers having high selectivity to compensate for the loss of high notes due to side band cutting as well as high plate impedance of power detectors.

| Stock No. | Type | Mount | Ratio | Size | List | Your Cost |
|-----------|--------|--------|-------|--------------------|--------|-----------|
| XA216 | R101 | Fig. 3 | 1-3 | 1 7/8 x 2 x 2 3/8" | \$2.25 | \$1.33 |
| XA281 | T3391 | Fig. 2 | 1-3 | 1 7/8 x 2 x 2 3/8" | 2.00 | 1.18 |
| XA282 | T5739 | Fig. 4 | 1-3 | 2 x 2 x 2 3/8" | 2.25 | 1.33 |
| XA283 | T5740 | Fig. 2 | 1-3 | 2 1/4 x 2 1/2 x 3" | 3.50 | 2.05 |
| XA284 | T5741 | Fig. 4 | 1-3 | 2 1/4 x 2 1/2 x 3" | 3.75 | 2.20 |
| XA285 | T5742* | Fig. 2 | 1-3 | 2 1/4 x 2 1/2 x 3" | 3.50 | 2.05 |
| XA286 | T5743* | Fig. 4 | 1-3 | 2 1/4 x 2 1/2 x 3" | 3.75 | 2.20 |

*Specially designed primary to couple to power detector. Average shipping weight 3 lbs.

Filter Chokes

The standardization of design of radio receivers makes it possible to meet all service requirements by this line of Filter Chokes. All are carefully insulated and are designed to secure the maximum inductance possible for the specified operating conditions.

| Stock No. | Type | Mount | Inductance | Cap'y | List | Your Cost |
|-----------|-------|--------|------------|-----------|--------|-----------|
| XA241 | R105 | Fig. 3 | 15 H | 75 M. A. | \$1.75 | \$1.03 |
| XA287 | T5751 | Fig. 2 | 12 H | 80 M. A. | 1.50 | .88 |
| XA288 | T5752 | Fig. 4 | 12 H | 80 M. A. | 1.75 | 1.03 |
| XA289 | T5753 | Fig. 2 | 10.4 H | 110 M. A. | 2.00 | 1.18 |
| XA290 | T5754 | Fig. 4 | 10.4 H | 110 M. A. | 2.25 | 1.33 |

Average shipping weight 3 lbs.

Push-Pull Output Chokes

Pushpull Output Chokes were widely used in older receivers using either high impedance speakers or speakers incorporating coupling transformers.

| Stock No. | Type | Mount | Characteristics | List | Your Cost |
|-----------|-------|--------|-------------------|--------|-----------|
| XA291 | R102 | Fig. 3 | '45 or '71 Tube | \$2.00 | \$1.18 |
| XA292 | T5747 | Fig. 2 | '45-'46-'71, etc. | 1.75 | 1.03 |
| XA293 | T5748 | Fig. 4 | '45-'46-'71, etc. | 2.00 | 1.18 |
| XA294 | T5749 | Fig. 2 | '50-'45-'46-'71 | 2.75 | 1.62 |
| XA295 | T5750 | Fig. 4 | '50-'45-'46-'71 | 3.00 | 1.75 |

Average shipping weight 3 lbs.

Type R-300 Audio Transformer

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.

XA239—List \$4.00

Your Cost **\$2.35**



Type R-400 Audio

Amplification curve is practically a straight line from 30 to 8000 cycles. Suitable for either a first stage or in ut stage. Ratio 3 to 1. Size, 2 1/2 x 2 1/2 x 3" high. Shpg. wt. 4 lbs.

XA215—List \$4.00

Your Cost **\$2.35**

T-4304 P.-P. Input

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 1/2 x 3 x 3 3/4" high. Shpg. wt. 6 lbs.

XA243—List \$4.50

Your Cost **\$2.64**

T-2408 P.-P. 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 3/4 x 2 1/2 x 3" high. Shpg. wt. 4 lbs.

XA217—List \$4.00. Your Cost

Type R-196 Choke

30 H. 85 MA.

A fully shielded and finished product by Thordarson. D. C. resistance of 360 ohms. For filter circuits and speaker output coupling. Size, 2 1/2 x 2 1/2 x 3" high. Shpg. wt. 4 lbs.

XA242—Your Cost **\$1.76**

NOTE

Due to limited space it is impossible to list the complete Thordarson line. We can supply any Thordarson product at 40 and 2% from List.

Audio Transformers for the New Type Tubes

T5870 Interstage 56 P. P. to 2A3 P. P. List \$3.75

XA272—Your Cost **\$2.20**

T5872 Output 2A3 P. P. to 8-4 ohms. List \$3.50

XA273—Your Cost **\$2.05**

T5873 Output 2A3 P. P. to 500 ohms. List \$3.50

XA274—Your Cost **\$2.05**

T1700 Filter Choke, 28.6 henries, at 130 M.A. List \$4.50

XA269—Your Cost **\$2.65**

T2353A Swinging Filter Choke, Class B Amplifiers. List \$5.00

XA259—Your Cost **\$2.94**

T5289 Input Transformer, 46 to 46", in Class B. List \$5.00

XA296—Your Cost **\$2.94**

T5356 Output 46's Class B to 8-4 ohms. List \$5.00

XA297—Your Cost **\$2.94**

T5339 Output 46's Class B to 500 ohms. List \$5.00

XA298—Your Cost **\$2.94**

T5381 Line Transformer 500 ohm line to 4-8 ohms. List \$4.50

XA299—Your Cost **\$2.65**

T-2357 Microphone Transformer Single Button

A Coupling Transformer for Single Button Microphones primary impedance 200 ohms. Ratio 64 to 1. Size 2 1/4 x 2 1/2 x 2 1/2". Shpg. wt. 2 lbs.

XA257—List \$3.00

Your Cost **\$1.75**

T-3020 Microphone Transformer Double Button

The windings of this Transformer closely approximate perfect balance. Designed for use with 2 Button Microphones. Primary impedance: 200 ohms each side of C. T. Ratio 2000 to 1. Size 2 1/4 x 2 1/2 x 3". Shpg. wt. 3 lbs.

XA253—List \$5.00

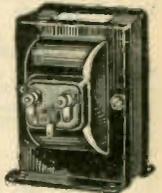
Your Cost **\$2.94**

Type T-2973 P. P. Interstage

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. Size 3 1/2 x 3 x 3 3/4" high. Shpg. wt. 5 lbs.

XA212—List \$4.12

Your Cost **\$4.12**



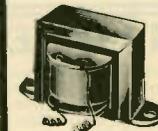
Type T-2903 P. P. Output

250 or 245 type tubes to a Dynamic Speaker, voice coil having a D. C. resistance between 4 and 8 ohms. Size 3 1/2 x 3 x 3 3/4" high. Shpg. wt. 5 lbs.

XA238—List \$4.00. Your Cost **\$2.35**

T-1892A Filter Choke

30 H. 50 MA.



Designed to filter a current of 50 mls. Inductance of 30 henries, 450 ohms D. C. resistance. Ideal for midget receivers. 6" leads. Size, 2 1/2 x 1 1/2 x 2 1/2" high. Mounting centers, 3 1/4". Shpg. wt. 3 lbs.

XA246—Your Cost **65¢**

Grid Modulation Coupling Transformers

T-6773 is for coupling a single 46 or 59 modulator tube to the grid of the R. F. amplifier. Transformer is totally shielded and is equipped with soldering lugs. Size 2 1/2 x 2 1/2 x 3". Shpg. wt. 2 lbs.

XA255—List \$4.00

Your Cost Each **\$2.36**

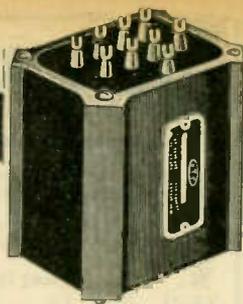
T-6774 is for coupling push-pull 45 or 2A3 modulator tubes to the grid of the R. F. amplifier. Transformer is equipped with soldering lugs and is totally shielded. Size 3 1/2 x 3 x 3 3/4". Shpg. wt. 3 1/2 lbs.

XA256—List \$5.00

Your Cost Each **\$2.94**

We Will Not Knowingly Be Undersold

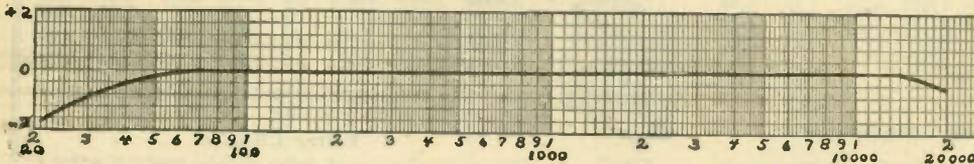
UTC "Linear Standard" AUDIO TRANSFORMERS



United Transformer Company "Linear Standard" Components represent the closest approach to the ideal transformer from the standpoint of uniform response, low wave form distortion, high efficiency, thorough shielding and dependability. The curve shown below illustrates the linear frequency response of a typical UTC audio output transformer. As shown, this series

of audio units are linear over a frequency spectrum of 9 octaves, i.e., from 20 to 20,000 cycles. No effort has been spared to assure uniform characteristics on all audio units. A special grade of high permeability iron is used to house them, and as a result, hum pickup has been overcome. Each transformer is individually tested for frequency response.

Frequency in Cycles Per Second



Dimensions

| | L | W | D |
|----|--------|--------|--------|
| D. | 2 1/2" | 3" | 3 1/8" |
| E. | 3 1/2" | 4 1/4" | 4 3/4" |
| F. | 5 1/4" | 4 3/4" | 5 1/2" |
| G. | 6 1/4" | 6 1/4" | 5 1/2" |

Input Transformers

- XE5401**—Primary will match 500, 333, 250, 200, 125 or 50 ohm line, as required for carbon, dynamic microphones, low impedance pick-ups, etc. Secondary in two sections for series or parallel connection. Overall impedance of windings in series 100,000 ohms; impedance of each winding 25,000 ohms. Type D mtg. **Your Cost Each \$9.00**
- XE5402**—Primary same as above. Secondary same as above except that overall impedance of windings in series is 200,000 ohms; impedance of each winding 50,000 ohms. Type D mtg. **Your Cost Each \$12.00**
- XE5403**—Primary will match a velocity ribbon microphone. Secondary in two sections for series or parallel connection. Overall impedance of windings in series 130,000 ohms; impedance of each winding 32,500 ohms. Type D mtg. **Your Cost Each \$12.00**
- XE5404**—Primary designed for 500, 333, 250, 200, 125 or 50 ohm line to 2-50 watt grids at a plus 25 level. Type E mtg. **Your Cost Each \$13.20**

MIXING AND MATCHING TRANSFORMERS

- XE5405**—Mixing, carbon or dynamic mike or low impedance pick-up to a variable impedance line. Primary and secondary windings will match 500, 333, 250, 200, 125 or 50 ohm lines. Type D mtg. **Your Cost Each \$9.00**
- XE5406**—Mixing, velocity ribbon mike to a 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**
- XE5407**—30 watt audio line matching transformer. Input designed for 3500, 2700, 2000, 1350, 875, 500, 200, 50 ohms. Output tapped for 30, 20, 15, 10, 7.5, 5, and 1.2 ohms. Type F mtg. **Your Cost Each \$12.00**
- XE5408**—Crystal mike to 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$12.00**

Output Transformers

- *—Secondary tapped at 500, 333, 250, 200, 125, 50, 30, 20, 15, 10, 7.5, 5, 2.5 and 1.2 ohms.
†—Secondary tapped at 6000, 5000, 4000, 1800, 1500, 1000, 30, 20, 15, 10, 7.5, 5, 2.5 and 1.2 ohms.
**—Secondary tapped at 30, 20, 15, 10, 7.5, 5, 2.5 and 1.2 ohms.
- XE5409**—Primary impedance 8000 ohms plate to plate. Will match p.p. 50's, 45's; single 211, 843, 842, 205D, 48. Secondary * Type E mtg. **Your Cost Each \$12.00**
- XE5410**—Same primary and will match same tubes as above. Secondary † Type E mtg. **Your Cost Each \$12.00**
- XE5411**—Same primary and will match same tubes as above. Secondary ** Type E mtg. **Your Cost Each \$8.40**
- XE5412**—Primary impedance 5000 ohms and 3000 ohms plate to plate. For 500 ohms will match self bias P.P. 2A3's; single 71A, 2B6, 59 triode. For 3000 ohms will match fixed bias P.P. 2A3's. Secondary * Type E mtg. **Your Cost Each \$12.00**
- XE5413**—Same primary and will match same tubes as above. Secondary † Type E mtg. **Your Cost Each \$12.00**
- XE5414**—Same primary and will match same tubes as above. Secondary ** Type E mtg. **Your Cost Each \$8.40**
- XE5415**—Primary impedance 2500 ohms and 1500 ohms plate to plate. For 2500 ohms will match four 2A3's in P.P.-Parallel self bias circuit. For 1500 ohms will match four 2A3's in P.P.-Parallel fixed bias circuit. Secondary * Type F mtg. **Your Cost Each \$18.00**
- XE5416**—Same primary and will match same tubes as above. Secondary † Type F mtg. **Your Cost Each \$18.00**
- XE5417**—Same primary and will match same tubes as above. Secondary ** Type F mtg. **Your Cost Each \$12.00**

- XE5418**—Primary impedance 10,000 ohms or 6000 ohms plate to plate. For 10,000 ohms will match P.P. 59 triodes, 2B6's, 71A's; single 10, 41, 268A, 2A3. For 6000 ohms will match single 31, 46, 59 pentode. Secondary * Type E mtg. **Your Cost Each \$12.00**
- XE5419**—Same primary and will match same tubes as above. Secondary † Type E mtg. **Your Cost Each \$8.40**
- XE5420**—Same primary and will match same tubes as above. Secondary ** Type E mtg. **Your Cost Each \$21.00**
- XE5421**—Primary impedance 18,000 ohms plate to plate. Will match P.P. 845's. Secondary * Type G mtg. **Your Cost Each \$21.00**

COUPLING TRANSFORMERS

- XE5422**—Cascade, single plate to single grid. Turn ratio 2:1 overall. Type D mtg. **Your Cost Each \$6.00**
- XE5423**—Input, one plate to 2-grids. Turn ratio 1 1/2:1 each side of center. Primary and secondary each in two sections. Type D mtg. **Your Cost Each \$7.80**
- XE5424**—Input, 2-plates to 2-grids. Turn ratio 1.6:1 each side of center. Primary and secondary each in two sections. Type E mtg. **Your Cost, Either Type \$12.00**
- XE5425**—Input, 2-screen grid plates to 2-grids. Effective ratio 1:1. Type E mtg. **Your Cost, Either Type \$12.00**
- XE5426**—Single plate or line to one or 2-grids. One side of primary will match single plate of tubes like the 01A, 12A, 30, 31, 26, 27, 37, 55, 56, or 85. Another primary designed for a carbon or dynamic mike or a low impedance pick-up. Secondary in two sections. Total secondary impedance 100,000 ohms. Type D mtg. **Your Cost Each \$12.00**

TUBE TO LINE TRANSFORMERS

- XE5427**—From a single plate like the 01A, 12A, 30, 31, 26, 27, 37, 55, 56, or 85 to 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**
- XE5428**—From P.P. plates (same tubes as above) to 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**

Special "HIPERM ALLOY" Portable Audio Units



These new transformers, designed for portable use, are extremely compact and light in weight. Their high fidelity measures up to broadcast standards, being uniform in response from 40 to 12,000 cycles. This degree of fidelity is made possible only by the use of a new core material known as Hiperm Alloy, a nickel alloy having high initial permeability. This alloy is used both for the core and for the case. Have threaded metal inserts for mounting. Size of H1 case 1 1/4 x 2 1/8 x 2 1/4". Size of H2 case 1 1/8 x 3 1/8 x 2 1/4".

- COUPLING TRANSFORMERS**
XE5456—Cascade, single plate like the 26, 27, 30, 31, 37, 55, 56, 85, 864, 57 or 77 triode

- to a single grid. Ratio 2:1 overall. H1 mtg. **Your Cost Each \$5.40**
- XE5457**—Input, single plate (same tubes as above) to P.P. grids. Ratio 1 1/2:1 each side of center. H1 mtg. **Your Cost Each \$6.60**
- XE5458**—Input, two P.P. plates (same tubes as above) to P.P. grids. Ratio 1 1/2:1 overall. H2 mtg. **Your Cost Each \$9.00**

INPUT TRANSFORMERS

- XE5459**—Variable impedance line to single grid. Primary will match 500, 333, 250, 200, 125 or 50 ohm line. Secondary impedance 90,000 ohms. H1 mtg. **Your Cost Each \$7.50**
- XE5460**—Velocity mike to a single grid. Secondary impedance 90,000 ohms. H1 mtg. **Your Cost Each \$9.00**

MIXING, MATCHING AND OUTPUT TRANSFORMERS

- All tapped to match 500, 333, 250, 200, 125 or 50 ohm lines.
- XE5451**—Variable impedance line to a variable impedance line. Both primary and secondary tapped as above. H1 mtg. **Your Cost Each \$7.50**
- XE5452**—Matching, velocity ribbon mike to tapped line. H1 mtg. **Your Cost Each \$7.50**
- XE5453**—Matching, crystal mike or pick-up to tapped line. H1 mtg. **Your Cost Each \$7.50**
- XE5454**—Output, from a single plate like the 26, 27, 30, 31, 37, 55, 56, 85, 864, 57 or 77 triode to tapped line. H1 mtg. **Your Cost Each \$7.50**
- XE5455**—Output, from P.P. plates (same tubes as above) to tapped line. H1 mtg. **Your Cost Each \$7.50**

Audio Transformer Specials

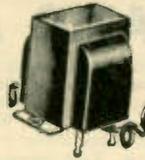


PHILCO

Exact Duplicate Replacements

Shipping weight 3 lbs.

Single or P. P. Input



Single or P. P. Output

Chokes

Straight Audio

| Philco Models | Part No. | Stock No. | Your Cost | Part No. | Stock No. | Your Cost | Part No. | Stock No. | Your Cost |
|-----------------|----------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|
| 20-220 | 4232 | XC1738 | \$0.95 | 2766 | XC1746 | 95¢ | 4231 | XC1750 | \$0.90 |
| 65 | 3537 | XC1743 | 1.10 | 2766 | XC1746 | | 3422 | XC1752 | 95¢ |
| 70-270 | x | XC1741 | 85¢ | 2673 | XC1749 | | 4819 | XC1753 | |
| 76-77 | 3872 | XC1741 | | 2766 | XC1746 | | 3422 | XC1752 | |
| 86-87 | 3242 | XC1740 | 4952 | XC1742 | 2766 | | XC1746 | 4819 | |
| 90-90A (2-45's) | x | XC1743 | 1.49 | 2766 | XC1746 | 2673 | XC1749 | 3422 | |
| 90-90A (1-47) | x | XC1742 | \$1.10 | 2766 | XC1746 | 2766 | XC1746 | 3422 | XC1752 |
| 95-96-296 | 3537 | XC1743 | | x | 2766 | XC1746 | x | XC1746 | 2224 |
| 11-112(45) | 3537 | XC1743 | x | 2766 | XC1746 | x | XC1746 | 3422 | XC1752 |
| 500 Series | x | XC1741 | x | x | XC1746 | x | XC1746 | 2224 | XC1754 |
| 41-42 D.C. | 3872 | XC1741 | .85 | x | XC1746 | x | XC1746 | 3422 | XC1752 |

MAJESTIC P.-P. Input

MODELS 70,71,72, 90,91,92, 100

Designed according to specifications of the original Majestic part. Shpg. wt. 4 lbs. XC2109—Your Cost....



90¢

MAJESTIC Audio

Replacement for models 70 and 90 series. Straight Audio Transformer. Shpg. wt. 4 lbs. XC2490—Your Cost, Each....

75¢

Genuine SPARTON Replacement Audios



All brand new replacements, made by Thordarson. Av. shpg. wt. 4 lbs.

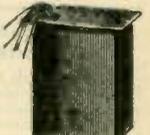
Audio Transformers Your Models Part No. Stock No. Cost 69, 79 A-3483 XC2455 \$1.18 931, 301 B-2587 XC2456

Input Transformers 101,110,111 B-2495 XC2466 \$4.08 301 B-2361 XC2467 3.53 589, 931 A-4812 XC2468 1.76 930 A-4104 XC2469 1.18

Output Transformers 89, 89-A B-2117 XC2486 \$1.32 301 B-2430 XC2487 1.62 930, 931 A-3763 XC2488 1.03

Model 67 Audio

Part No. 14640, an exact duplicate of the original A.K. part. Stage Audio and P.P. Input Transformer. Shpg. wt. 5 lbs.



XC2243—Your Cost, Each....

\$1.98

For Models 55, 55C, 60, 60C Similar to above. A.P.P. Input and P.P. Output Transformer. Shpg. wt. 5 lbs. XC2492—Each....

\$1.98

STROMBERG CARLSON P. P. Input Transformer for Models 10-11-25-26

The exact duplicate-replacement transformer for the original Stromberg Carlson Part No. P19550. High grade materials used in construction insure a unit every bit as good as the original part. Consists of a push-pull input transformer with split secondaries, isolated sections. Finished in wrinkle lacquer. Shpg. wt. 5 lbs. XC2375—Each....

\$2.90

STRAIGHT AUDIO TRANSFORMER For Models 641, 642, 652, 654, 846, 848

Exact duplicate of the original Stromberg Carlson part No. P18624. Shpg. wt. 2 lbs. XC2331—Your Cost....

\$1.35

RCA Audio Transformers

Brand New—RCA-Victor P. P. Input and Output Transformers

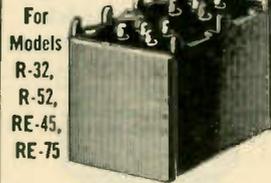
For Models 80, 82 and 86, Victor R-35, 35 and 57, G. E. H-31, H-51, H-71.



Exact duplicate of the original replacement part No. 8554, and No. 61151. Consists of one push-pull input

and one push-pull output transformers in one can. Voice coil impedance 8-10 ohms. All brand new merchandise is used in making up this replacement. Shpg. wt. 5 lbs. XC1998—Your Cost.....

\$1.75



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

Exact duplicate of the original Victor transformer. Only brand new merchandise used in its construction. Input: pri.—2000 ohms, sec.—16,000 ohms. Output: pri.—500 ohms, sec.—6 ohms to voice coil. Shpg. wt. 5 lbs. XC1965—Your Cost

\$1.65

Genuine Push-Pull Inter-Stage and Push-Pull Output Audio Assembly

RCA-Victor Models R-50, R-55, RE-20, RAE-59 and RAE-79 G. E. Models H-32 and H-72. Graybar Model GB-100, RCA No. 8711



Consists of a push-pull inter-stage audio, primary 2300 ohms center-tapped, secondary 7600 ohms center-tapped. Output, push-pull audio, primary 600 ohms center-tapped, secondary, 10 ohms. Can be used with any receiver or power amplifier using P. P. pentodes in the output stage to the voice coil of a dynamic speaker. Unusually small in size, 3 3/4" high, 2x2 3/4" Metal container, completely shielded and pitched against moisture. Crimping lugs for easy mounting. 12" color coded leads for direct wiring. Shpg. wt. 5 lbs.

\$1.95

XC2001—Your Cost.....

Audio Assembly for RCA Victor Models R-7, R-9 Superette; G. E. S-22



Exact duplicate of No. 7239. Consists of a P. P. input and P. P. output transformer in a metal container. For sets using P. P. 45S. Shpg. wt. 3 lbs.

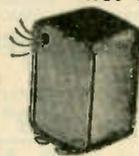
XC1994—List \$6.00 \$2.25 Your Cost.....

For R-7A Superette G. E. S-22A; Using P. P. 47's:

Similar in appearance to above. Exact duplicate of the original. Consists of P.P. input and output. Shpg. wt. 3 lbs. XC2098—Your Cost.....

\$2.25

Radiola Single Audio Radiola Models 60 and 62 Brunswick 3NC8—SNC8 Graybar



Model 60 This is the genuine Radiola Part No. 5805, single audiostage for the above model receivers. Shpg. wt.

1 lb. XC2173—List \$4.80. Your Cost.....

95¢

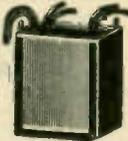
Double Audio Transformer Assembly For Models, 16, 17, 18, 33, 41, 50 and 51

Duplicate of RCA No. 5667. Two audios in one case. Brand new. Shpg. wt. 3 lbs. XC2005—Your Cost

\$1.30

CROSLEY P. P. Input Transformer Models 60-S, 61-S, 62-S, 63-S

Crosley part No. 7167. Push-Pull Input Transformer for the above receivers. Has two separate secondary windings. Shpg. wt. 2 lbs.



XC1848—Your Cost.....

\$1.25

CROSLEY P. P. Input Transformer

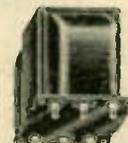
The genuine Crosley part used in the models 30-S, 31-S, 33-S, 34-S, 40-S, 41-S, 42-S and 82-S. Part No. 6590. Primary 2000 ohms, secondary 10,000 ohms total D. C. resistance. Housed in a metal container which has spade lugs for mounting. Has long leads for connections. Ideal for use as a general purpose replacement transformer. Shpg. wt. 2 lbs. XC1849—Your Cost, Each.....

95¢

ZENITH Push-Pull Interstage Audio

For 50, 60, 70 Series

A quality replacement Audio for the Zenith models. Couples the plates of two '27 tubes to the grids of two '45s. Shpg. wt. 3 lbs. XC2259—Your Cost.....



\$2.35

Perfect Merchandise - Prompt Shipment - Personal Service

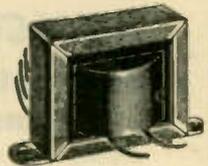


REPLACEMENT AUDIO TRANSFORMERS



SANGAMO Audio Transformers

The opportunity for buying quality merchandise at "rock-bottom" prices is always present. No finer example is possible than the offer of these Sangamo Audio Transformers. All Sangamo transformers are constructed of the finest grade of materials; 30 years of experience in designing goes into the production of each unit. Wholesale Radio Service Company, through its extensive purchasing power, is now able to offer you a line of these famous transformers at prices that no doubt seem ridiculously low. Each transformer is brand new and guaranteed.



Cased Audio Units

Fully shielded in heavy metal cases. Have solder lug terminals marked for easy connections. Size $3 \times 2 \frac{1}{2} \times 2 \frac{1}{2}$ ".

TYPE A

A straight audio transformer with a 3:1 ratio. Frequency curve flat over the entire tonal range. Excellent for the set builder or for replacement use. Shpg. wt. 3 lbs.

XA364—
List \$10.00. **\$1.25**
Your Cost.....

TYPE D210

Push-Pull output transformer to match single or push-pull type 10 tubes to a magnetic speaker. Secondary impedance 4000 ohms, plate to plate. Shpg. wt. 3 lbs.

XA369— List \$12.00. **75¢**
Your Cost.....

TYPE G210

Output transformer designed to match push-pull 10's to a 5-15-ohm voice coil of a dynamic speaker. Will provide excellent tone quality. Shpg. wt. 3 lbs.

XA371— List \$10.00. **95¢**
Your Cost.....

TYPE H171

Push-pull output transformer to match a pair of 71A's, 45's, or 50's to a 5-15-ohm voice coil of a dynamic speaker. Solder lug terminals. Shpg. wt. 3 lbs.

XA373— List \$6.50. **75¢**
Your Cost.....

Strap Mounting Units

Laminations held in place by means of a heavy metal strap which is provided with mounting feet. Size $2 \frac{3}{4} \times 2 \frac{1}{2} \times 1 \frac{3}{4}$ ".

TYPE AX

The most popular of the famous "X" line of high quality transformers. Straight audio, overall ratio 3:1. Flat response from 30 to 6000 cycles. Provided with long leads. Shpg. wt. 3 lbs.

XA365— List \$10.00. **59¢**
Your Cost.....

TYPE HX171

Push-pull output transformer to match a pair of 71A's, 45's or 50's to a 5-15-ohm voice coil of a dynamic speaker. For mounting on chassis or directly on speaker.

Shpg. wt. 3 lbs. **69¢**
XA374— Your Cost.....

TYPE F

Plate impedance. Used in the plate circuit of detector tube to prevent feed-back. Also used for impedance coupled amplification. Tap provided for auto-transformer coupling. Shpg. wt. 3 lbs.

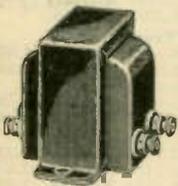
XA366— List \$5.00. **39¢**
Your Cost.....

TYPE BX

Push-pull input transformer, single plate to two grids. Has extremely high primary inductance insuring maximum amplification at low frequencies. Shpg. wt. 3 lbs.

List \$6.50. **95¢**
XA367— Your Cost.....

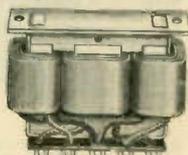
JEFFERSON Mike Transformer—2-Button



A transformer for double button microphone. Has a turn ratio of 1:45. Impedance ratio 1:2000. Has flat response curve from 30-7000 cycles. $3 \frac{1}{2} \times 2 \frac{1}{4} \times 3 \frac{1}{4}$ ".

Shpg. wt. $2 \frac{1}{4}$ lbs. **\$1.19**
XC1929— Your Cost.....

MAJESTIC Pilot Light Dimmer for Models 300, 300A and 320



An exact duplicate of the original Majestic Part No. 7785, used in the above model receivers. Used as a resonance indicator. No changes necessary to install, fits chassis exactly. Shpg. wt. 2 lbs.

XC2534— **\$1.10**
Your Cost Each.....

Tru-test

Transceiver Audio Transformer

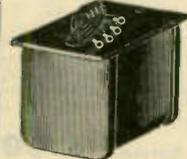
A popular priced combination audio and microphone transformer for use in the new five meter transceivers. For matching single plate



and double button mike to one grid. Extremely small size makes it adaptable to all portable units. Provides excellent tone quality and has fine frequency response. Shpg. wt. 2 lbs.

XC1627— **\$1.10**
Your Cost, Specia.....

RCA Output Transformer 46-47-66



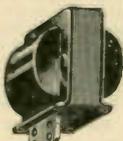
The Official R C A part No. 6019 for the above models, new and guaranteed. Can be used in R C A 106

speaker by addition of two .1 mfd. condensors across line. Shpg. wt. 3 lbs.

XC2170— **35¢**
Your Cost.....

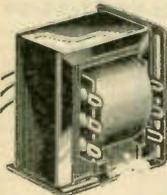
GREBE Phono Matching Transformer

Used to match a low impedance magnetic pick-up to any type input of Radio or power amplifier. Single winding, tapped at 150, 300 and 1100 ohms D. C. resistance. Size $2 \frac{1}{4} \times 1 \frac{1}{2} \times 2 \frac{1}{4}$ ". Shpg. wt. 2 lbs.



XC2237— Your Cost..... **49¢**

UNIVERSAL Output Transformer



Has a combination of taps making it possible to feed from single or P. P. output stage to any voice coil from 2 to 30 ohms, in 2

ohm steps. Unit may be mounted on end or sides. Slots in base allow wide mounting range. Diagrams showing connections for all tubes included. Size $2 \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". Shpg. wt. 3 lbs.

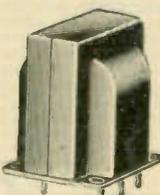
XC1708— **92¢**
Your Cost.....

Universal Input

Has the same physical specifications as the above transformer. Can be used with single, P. P. or double P. P. audio tubes. Shpg. wt. 4 lbs.

XC1707— Your Cost **\$1.03**

BARGAINS! In Oversize Audios

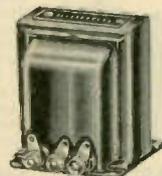


Oversize fine quality audios at exceptionally low prices. Many old type receivers can be greatly improved by installing these large

transformers. Two types available—Straight Audio and Push-Pull Input. Suitable for use in radio receivers or power amplifiers. Size $2 \frac{1}{2} \times 2 \frac{1}{2} \times 3 \frac{1}{2}$ " high. Shpg. wt. 2 lbs.

XC1932— **89¢**
Push-Pull Input. Your Cost, Special
XC1913— Straight Audio similar to above ratio 3:1. **59¢**
Your Cost, Special.....

base mounting type with screw terminals. This type is excellent for use in experimental breadboard mounting on top of chassis work. Two types available—audio and push-pull input. This is an oversize transformer with a large core and provides excellent frequency response over the audio range. Shpg. wt. 2 lbs.

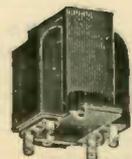


XC1840— **98¢**
Push Pull Input. Your Cost
XC1841— Straight Audio as above ratio 3:1. **79¢**
Your Cost Each.....

Audio and P. P. Input Transformers

Well made, fully shielded transformers with excellent frequency response. Especially suited for use as replacement transformers or for building new circuits. Primaries and secondaries are wound on heavy high grade material. Tinned terminal lugs project through bottom for subpanel wiring. Guaranteed against defects. Shpg. wt. 2 lbs.

XC1740— Push-Pull Input. **69¢**
Your Cost.....
XC1914— Straight Audio. **39¢**
Your Cost.....



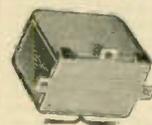
RCA Filter Reactor R-14-15-17 42 and 48

Part No. 8604. A tapped filter choke with an inductance of approximately 30 h. Maximum D. C. 100 M. A. D. C. resistance 315 ohms, tapped at 15 ohms. Shpg. wt. 4 lbs.

XC2012— Your Cost **\$1.20**



RCA Coupling Reactor 44-46 and 47



Exact duplicate of RCA Part No. 6004. Couples Screen Grid Detector to power output tube. Approx. inductance 700

h. at 3 M. A. D. C. resistance 6000 ohms. Shpg. wt. 2 lbs.

XC2000— **\$1.75**
Your Cost.....

COLONIAL 31 Output Transformer Coil

An exact duplicate replacement. Used on Cutting dynamic speaker. Use original laminations when replacing this part. Shpg. wt. 1 lb.

XC2376— **95¢**
Your Cost, Special.....



CONDENSER BLOCKS

| | Stock No. | Your Cost |
|-------------------------------|-----------|-----------|
| ALL AMER. MOHAWK | | |
| Model Lyric No. 90 | XB1421 | \$3.25 |
| Model Lyric "D" | XB1420 | 3.40 |
| Models Lyric 60 and 80 Series | XB1419 | 3.25 |

| | Stock No. | Your Cost |
|--------------------|-----------|-----------|
| APEX | | |
| Model 28 | XB1410 | 2.45 |
| Model 36 | XB1409 | 3.25 |
| Model 37 | XB1408 | 3.25 |
| Model 41 | XB1407 | 1.90 |
| Models 46 and 46-A | XB1406 | 1.75 |
| Models 47 and 47-A | XB1405 | 1.75 |
| Models 48 and 48-A | XB1404 | 1.98 |
| Model 80 | XB1403 | 2.80 |
| Models 28-A, 28-AX | XB1411 | 2.45 |

| | Stock No. | Your Cost |
|---|-----------|-----------|
| ATWATER KENT | | |
| 36 Condenser Block (Serial below 260,000) | XB1380 | .49 |
| 36 Condenser Block (Serial above 260,000) | XB1382 | .49 |
| 37-38 Condenser and Choke Assembly | XB1378 | 1.70 |
| 45 Condenser Assembly | XB1370 | 1.85 |
| 46, 47 and 53 Condenser Assembly | XB1369 | 2.70 |
| 55, 55C, 60, 60C; 7 Taps | XB1368 | 2.45 |
| 55F, 55FC, 3rd Type 60C | | |
| L-1 Chassis 5 Taps, 1A5 | XB1367 | 1.65 |
| 66, 7 Taps | XB1366 | 1.65 |
| 72 Series | XB1365 | 1.65 |
| 89 | XB1364 | 2.80 |

| | Stock No. | Your Cost |
|---------------------------|-----------|-----------|
| BOSCH | | |
| Model 28 | XB1349 | 2.45 |
| Model 29-825 | XB1348 | 3.55 |
| Model 48 | XB1347 | 2.75 |
| Models 58 and 60 | XB1346 | 2.80 |
| Models 5 and 5-A | XB1345 | 2.20 |
| Models 31 and 32 Superhet | XB1344 | 2.75 |
| Models 20J, 20K and 20L | XB1343 | 3.10 |
| Model 138 | XB1342 | 2.75 |
| Models 73 and 74 | XB1341 | 2.75 |

| | Stock No. | Your Cost |
|----------------------|-----------|-----------|
| BRANDES | | |
| Models B-10 and B-11 | XB1335 | .75 |
| Models B-15 and B-16 | XB1333 | 2.30 |

| | Stock No. | Your Cost |
|----------------------------|-----------|-----------|
| BREMER-TULLY | | |
| Models 7-70, 7-71 | XB1323 | 3.25 |
| Models S81, S82 Green Spot | XB1312 | .48 |
| Models 81, 82 Yellow Spot | XB1315 | .48 |

| | Stock No. | Your Cost |
|--|-----------|-----------|
| BRUNSWICK | | |
| Models PR-17-8 | XB1020 | 1.25 |
| Models 2KR0, 3KR0, 2KR6 | | |
| 5KR0, 5KR6 | XB1019 | .35 |
| Model 5N0 Power Unit | XB1015 | 1.80 |
| Models 3NC8, 5NC8, Condenser Block | XB1014 | 1.75 |
| Models 3NC8, 5NC8, Field Supply Filter | XB1013 | 1.25 |
| Models 3NC8, 5NC8, Coupling Unit | XB1012 | 1.50 |
| Models 15 and 22 | XB1309 | 3.40 |
| Models 14, 21, 31 Red Spot | XB1311 | .48 |
| Models S14, S21, S31 Green Spot | XB1312 | .48 |
| Models S14, S21, S31 Blue Spot | XB1314 | .48 |
| Models S14, S21, S31 Black Spot | XB1313 | .48 |

| | Stock No. | Your Cost |
|-----------------------|-----------|-----------|
| COLUMBIA RADIO | | |
| Model Screen Grid 8 | XB1290 | 2.60 |

| | Stock No. | Your Cost |
|--|-----------|-----------|
| COLUMBIA-KOLSTER | | |
| Models C-1, C-3 | XB1280 | 1.95 |
| Models C-5 | XB1278 | 2.75 |
| Models C-6, C-7 | XB1277 | 1.85 |
| Models 930, 931 and 961 | XB1275 | 2.75 |
| Model 930-300 | XB1273 | 3.50 |
| Model 950 | XB1271 | 3.40 |
| Model 980 Part 4350 for Tuner B supply | XB1272 | 3.75 |

| | Stock No. | Your Cost |
|-------------------------|-----------|-----------|
| DAYFAN | | |
| Model 5091 | XB1255 | 3.75 |
| Model 5008 | XB1251 | 3.90 |
| Models 5069, 5077, 5080 | XB1252 | 3.75 |

| | Stock No. | Your Cost |
|---|-----------|-----------|
| EARL, C. A. | | |
| Models 21 and 22 | XB1245 | \$2.40 |
| Models 31, 31S, 32, 32S, 33, 33S and 41 | XB1244 | 2.40 |

| | Stock No. | Your Cost |
|----------------------|-----------|-----------|
| EDISON | | |
| Models R-1, R-2, C-2 | XB1220 | 3.40 |
| Models R-4, R-5, C-4 | XB1219 | 2.65 |
| Models R-6, R-7 | XB1218 | 2.65 |

| | Stock No. | Your Cost |
|-----------------------------|-----------|-----------|
| EVEREADY | | |
| Models 30, 40 and 50 Series | XB1210 | 2.80 |
| Models 1, 2 and 3 | XB1349 | 2.25 |

| | Stock No. | Your Cost |
|---|-----------|-----------|
| FADA | | |
| Models 25, No. 1780X | XB1205 | 3.10 |
| Models 35, 35Z, No. 1790X | XB1203 | 3.10 |
| Model 25 and 35 (Late) No. 1801X | XB1201 | 3.10 |
| Models 42, 44, 46, 47, No. 1830X | XB1199 | 3.10 |
| Models 50, 70, 71, 72, 75, 77, No. 1492MS | XB1197 | 3.10 |
| Model KA | XB1196 | 3.45 |
| Model 43 | XB1206 | 3.25 |

| | Stock No. | Your Cost |
|------------------------------|-----------|-----------|
| FREED | | |
| Models 55 and 56 | XB1245 | 2.35 |
| Models 65, 78, 79, 90 and 95 | XB1244 | 2.35 |

| | Stock No. | Your Cost |
|-----------------------|-----------|-----------|
| FREED-EISEMANN | | |
| Model NR 57 | XB1170 | 2.75 |
| Model NR 70 | XB1169 | 3.40 |
| Model NR 80 | XB1158 | 1.78 |
| Model NR 85 | XB1167 | 2.75 |
| Model NR 11 | XB1166 | 2.90 |
| Model 480 A. C. | XB1165 | 1.75 |
| Model 480 D. C. | XB1164 | 1.75 |

| | Stock No. | Your Cost |
|----------------------|-----------|-----------|
| FRESHMAN | | |
| Model "Q" | XB1155 | 1.45 |
| Model "QD" | XB1154 | 2.60 |
| Model N (all models) | XB1153 | 3.50 |
| Model G-60S | XB1152 | 2.25 |
| Model M-60S | XB1151 | 2.95 |

| | Stock No. | Your Cost |
|-------------------------|-----------|-----------|
| GENERAL ELECTRIC | | |
| Models H-31, 51 and 71 | XB1005 | 1.95 |

| | Stock No. | Your Cost |
|--------------|-----------|-----------|
| GREBE | | |
| Model AC-6 | XB1130 | 2.90 |
| Model SK-4 | XB1129 | 1.65 |

| | Stock No. | Your Cost |
|--|-----------|-----------|
| GENERAL MOTORS | | |
| Models 120, 130, 140, 150 and 160. "A" Chassis | XB1125 | 3.45 |

| | Stock No. | Your Cost |
|--------------------------------|-----------|-----------|
| GRAYBAR | | |
| Model 311 | XB1019 | .35 |
| Models 500, 550 | XB1016 | 1.80 |
| Model 300 | XB1015 | 1.80 |
| Model 340 Condenser Block | XB1014 | 1.75 |
| Model 340. Field Supply Filter | XB1013 | 1.25 |
| Model 340. Coupling Unit | XB1012 | 1.50 |
| Model 600 | XB1010 | 1.20 |
| Model 600. By-Pass Assembly | XB1009 | 2.95 |
| Model 678 | XB1021 | 2.45 |
| Models 700, 770, 900 | XB1005 | 1.95 |

| | Stock No. | Your Cost |
|-------------------|-----------|-----------|
| HAMMARLUND | | |
| Model HIQ 30 | XB1105 | 4.25 |
| Model HIQ 31 | XB1104 | 4.25 |

| | Stock No. | Your Cost |
|----------------------------|-----------|-----------|
| KOLSTER-COLUMBIA | | |
| Model 6-H | XB1090 | 2.85 |
| Models 6-J, 6-K, 6-R | XB1089 | 2.60 |
| Models K-20, 22, 25 and 27 | XB1280 | .95 |
| Models K-21 and K-23 | XB1088 | 2.85 |
| Model K-24 | XB1278 | 2.45 |
| Model K-43 | XB1334 | 2.35 |
| Model K-44 | XB1087 | 1.95 |
| Model K-45 | XB1086 | 3.25 |

| | Stock No. | Your Cost |
|-----------------|-----------|-----------|
| MAJESTIC | | |

| | | |
|--|--------|--------|
| Model 70 Series, 7P6 Power Unit, Early Models | XB1071 | \$1.85 |
| Model 70, Series, 7BP6 Power Unit, Late Models | XB1070 | 1.85 |
| Model 80-180, 8PB6 Power Unit | XB1069 | 3.50 |
| Model 90, Series 9PB6 Power Unit | XB1067 | 1.90 |
| Models 90-B and 100-B | XB1065 | 1.90 |
| Models 50, 52 | XB1063 | 2.40 |
| Model 20 Condenser and In-put Transformer | XB1064 | 3.75 |
| Models 30 and 31 Condenser and Choke Assembly | XB1066 | 3.75 |
| 60-61-62-160-163 | XB1068 | 3.25 |

| | Stock No. | Your Cost |
|-----------------------------------|-----------|-----------|
| MAJESTIC ELIMINATOR BLOCKS | | |
| "A" Elim. Condenser | XB849 | 2.40 |
| "B" Super Condenser | XB848 | 1.90 |
| "B" Master Condenser | XB847 | 1.90 |
| "B" Special Master Condenser | XB846 | 1.95 |

| | Stock No. | Your Cost |
|-----------------|-----------|-----------|
| PEERLESS | | |
| Model 65 | XB1045 | 1.95 |
| Model 70 | XB1044 | 2.75 |

| | Stock No. | Your Cost |
|--|-----------|-----------|
| PHILCO | | |
| Model 20 | XB1030 | 2.75 |
| Model 65 | XB1029 | 1.75 |
| Model 82 | XB1028 | 1.90 |
| Model 86 | XB1027 | 1.75 |
| Model 87 | XB1026 | 1.75 |
| Model 511 | XB1025 | 1.75 |
| Models 95, 96, 296, 111, 211, 112, 212 | XB1031 | 3.80 |
| Models 76 and 77 | XB1032 | 2.98 |

| | Stock No. | Your Cost |
|------------------------|-----------|-----------|
| RCA-RADIOLA | | |
| Models 17 and 50 | XB1020 | 1.25 |
| Models 18, 33 and 51 | XB1019 | .35 |
| Model 30-A Filter | XB1018 | 2.75 |
| Model 30-A By-Pass | XB1017 | 2.45 |
| Models 42, 48 | XB1021 | 2.45 |
| Models 44, 46 and 47 | XB1016 | 1.80 |
| Models 33, 44, D. C. | XB1002 | 8.50 |
| Model 60 | XB1015 | 1.80 |
| Model 62 Filter | XB1014 | 1.75 |
| Model 62 Field Filter | XB1013 | 1.25 |
| Model 62 Coupling Unit | XB1012 | 1.50 |
| Model 64 Filter Block | XB1011 | 4.95 |
| Model 66 Filter Block | XB1010 | 1.20 |
| Model 66 By-Pass Unit | XB1009 | 2.95 |
| Model 64 By-Pass Unit | XB1008 | .95 |
| Model 67 Filter Block | XB1007 | 5.50 |
| Model 67 By-Pass Unit | XB1006 | 1.50 |
| Models 80, 82 and 86 | XB1005 | 1.95 |
| R8, 10, 12, RE19 | XB1023 | 3.65 |

| | Stock No. | Your Cost |
|------------------------|-----------|-----------|
| SPARTAN | | |
| Model AC-5 | XB980 | 3.30 |
| Models AC-7, 62 and 63 | XB979 | 3.40 |
| Model 109 | XB978 | 4.45 |
| Model 89-A | XB976 | 3.95 |
| Models 69, 79 and 89 | XB975 | 2.95 |
| Model 301-A | XB974 | 4.25 |
| Model 930 | XB973 | 3.25 |

| | Stock No. | Your Cost |
|---------------------------|-----------|-----------|
| STEINITE | | |
| Models 40-A and 45-A | XB940 | 3.10 |
| Models 40-C, 60-Cand102-C | XB941 | 3.10 |
| Models 50-A and 102-A | XB939 | 3.75 |
| Models 70, 80 and 95 | XB938 | 2.70 |
| Models 261 and 262 | XB937 | 2.95 |

| | Stock No. | Your Cost |
|--|-----------|-----------|
| STEWART-WARNER | | |
| Models using Majestic Power Unit | XB930 | 2.75 |
| Model 900 A. C. Series No. 61303 | XB929 | .90 |
| Model 900-950 A. C. Series. Condenser and Choke Assembly | XB928 | 3.50 |
| 100 A-B-E | XB931 | 1.45 |

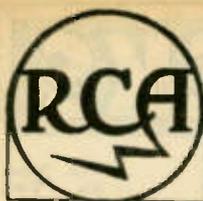
| | Stock No. | Your Cost |
|------------------------------|-----------|-----------|
| STROMBERG-CARLSON | | |
| Models 10 and 11 | XB920 | 3.75 |
| Models 12 and 14 | XB919 | 3.95 |
| Models 635 and 636 | XB918 | 4.75 |
| Model 638 | XB917 | 3.40 |
| Models 641, 642, 652 and 654 | XB916 | 3.60 |
| Models 846 and 848 | XB915 | 3.75 |

| | Stock No. | Your Cost |
|---|-----------|-----------|
| VICTOR | | |
| Models 9-18 and 9-54 | XB1011 | 4.95 |
| Models 9-18, 9-54 By-Pass Condensers | XB1008 | .95 |
| Model R-15 | XB1021 | 2.45 |
| Models R-32, RE-45, R-52, RE-75 | XB890 | .55 |
| Models R-32, RE-45, R-52, RE-75; 4 Taps | XB893 | 1.15 |
| Models 35, 39 and 57 | XB892 | 2.95 |
| Model 7-25 | XB1020 | 1.25 |
| Models 7-11, 7-26 | XB1019 | 3.50 |

NOTE

We maintain a rapid repair service on all blocks. If the unit you want is not shown in the listing, send in the old block and we will quote on its repair, at the lowest prices. All units are fully guaranteed to be equal to the original.

We Will Not Knowingly Be Undersold

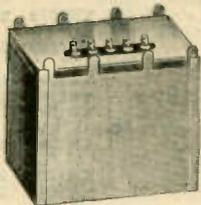


Radiola-Victor



CONDENSER BLOCKS

Genuine Victor Filter Condenser Block Replacement for Models R-32, RE-45, R-52, RE-75



Contains: One .5 mfd., one 3 mfd., one 2.5 mfd. and .5 mfd. sections at 600 working voltage. These are all brand new condenser blocks, never been used or installed before. Housed in a metal container, 5 3/4"x5 1/4"x4".

Shpg. wt. 8 lbs.

XB890—

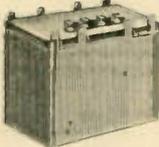
Your Cost, Special

\$55⁰⁰

Genuine Victor Replacement for Late Models R-32, RE-45, R-52, RE-75

Contains: One .5 mfd., one 3 mfd. and one 2.5 mfd., 600 working voltage. This is for the late Victor models, equipped with 4 taps, but can be used for the early models by using a .5 mfd. condenser in place of the No. 5 tap.

XB893—Your Cost



\$1.15

RCA Model 42 and 48

Transformer and Capacitor Block



For Victor Models 14, 15 and 17; G. E. T-41; Graybar 678; RC-3; and Westinghouse WR-4. Genuine replacement No. 8608. Consists of filter condensers and coupling reactor in metal container. Shpg. wt. 5 lbs.

XB1021—List \$12.00

Your Cost

\$2.45

RCA-Victor By-Pass Assemblies

Models 17-50-60-62-64

Genuine RCA Part No. 5681. Contains two .5 condensers.

XB481—Your Cost Each

18⁰⁰

For Model 41 A. C.

Genuine Part No. 5664. Contains one .5 mfd. condenser.

XB484—Your Cost Each

15⁰⁰

For Models 44-46-47

Genuine Part No. 6002. Contains one .25 mfd. and one .75 mfd. condensers.

XB485—Your Cost Each

19⁰⁰

Part No. 6003. Contains three .1 mfd.

XB486—Your Cost Each

18⁰⁰

For Model 33 A. C.

Part No. 5996. Contains one .5 mfd. and three .1 mfd. condensers.

XB522—Your Cost Each

25⁰⁰

For Models 18 and 51

Part No. 2241. Contains four .5 mfd.

XB483—Your Cost Each

19⁰⁰

Shipping weight 1 lb.

Filter Condenser Models R-50, R-55, RE-20, RAE-59 and RAE-79



The genuine RCA replacement filter condenser block part No. 8712-64905, comprising, one 2 mfd., one 3 mfd., two .5 mfd. and one .1 mfd. Shpg. wt.

\$2.95

5 lbs. XB531—Your Cost

NOTE

A further listing of RCA-Victor condenser blocks will be found on page 121



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.

XB1020—List \$19.20

Your Cost

\$1.25

RCA Models 44-46-47 Graybar 500-550

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. 6 lbs.

XB1016—List \$19.00

Your Cost

\$1.80

Radiola Model 60 Graybar Model 300 Brunswick Model 5N0

Part No. 8346

The original Radiola filter condenser. Contains: Three 2 mfd., four .5 mfd. and output choke. Shpg. wt. 6 lbs.

XB1015—List \$16.50

Your Cost

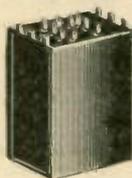
\$1.80

Graybar Model 340 Radiola Model 62 Brunswick 3NCB, SNCB

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.

XB1014—Your Cost



\$1.75

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 615 ohm output choke. Shpg. wt. 6 lbs.

XB1010—List \$14.25

Your Cost

\$1.20

Radiola Model 66 Graybar Model 600

The genuine Radiola Part No. 6021. Contains five .5 mfd., and two .05 mfd. condensers, and one audio transformer. Only a limited quantity available. Shpg. wt. 3 lbs.

XB1009

Your Cost Each

\$2.95



By-Pass Condensers R-80, 82, and 86

Part No. 7058. Contains three .1 mfd., one .5 mfd. and one 1 mfd. condensers. Also used in G. E. H-31, H-51 and H-71. Shpg. wt. 2 lbs.

XB532—Your Cost

45⁰⁰



Models R-32, RE-45 R-52 and RE75

Part No. 60074. Contains two .1 mfd. and one .125 mfd. condensers.

XB478—

Your Cost Each

15⁰⁰

Part No. 60564. Similar to the above. Contains three .1 mfd. condensers.

XB479

Your Cost Each

15⁰⁰

Radiola 18-33-51

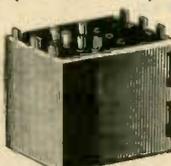
Brunswick, 2Kro, 3Kro, 3Kr6, 5Kr, 5Kro, 5Kr6, Victor 7-11, 7-26 Graybar Model 311 (Part No. 8333)

Original filter condenser for above sets. Contains: Two 1 mfd. one .5 mfd. and output choke. Guaranteed brand new. Shpg. wt. 4 lbs.

XB1019—List \$7.40

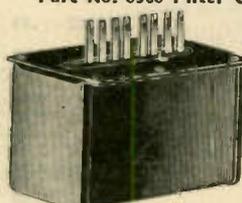
Your Cost

35⁰⁰



Radiola Model 64 Victor 9-18 and 9-54

Part No. 8368 Filter Capacitor



The Genuine Radiola Filter Condenser Bank. Contains: Four 4 mfd., one 2 mfd., and two 1 mfd. These capacitors are all brand new, using 1000 volt condensers of the

very best foil and paper. Do not confuse this block with the so-called replacements on the market. Shpg. wt. 13 lbs.

XB1011—List Price \$30.00

Your Cost

\$4.95

Radiola Model 64 Victor Models 9-18, 9-54 By-Pass Condenser Block

Genuine RCA Part No. 5862. Contains the following capacities. One 2 mfd., two 1.5 mfd. and three 1 mfd. Housed in a metal container provided with solder lugs and leads. Shpg. wt. 3 lbs.

XB1008

Your Cost

95⁰⁰



Filter and By-pass Condenser Assembly Models R-11, R-18, R-18A and RE-21

Genuine replacement Part No. 7273, comprising one 4 mfd., one 6 mfd., four .5 mfd., two 1 mfd., five .1 mfd. and one .05 mfd. All in single metal container. For 25-60 cycle receivers. Shpg. wt. 6 lbs.

XB533—List Price \$10.00

Your Cost

\$3.25



Filter and By-pass Assembly Models R-7A, RE-16A

Similar in appearance to above.

Genuine Part No. 7256-64904. Contains five .5 mfd., one .1 mfd., one .005 mfd. and one 1 mfd. condensers. Shpg. wt. 6 lbs.

XB1001—

Your Cost Each

\$1.35

By-Pass Assemblies for Models R50, R-55, RE-20, RAE-59, RAE-79

Original Part No. 7285. Contains one 1 mfd., one .5 mfd., and two .1 mfd. condensers. Has six leads. In metal container. Shpg. wt. 2 lbs.

XB530—List \$2.10

Your Cost

95⁰⁰

Part No. 7286, similar to the above. Contains one 1 mfd., one .5 mfd. and three .1 mfd. condensers. Shpg. wt. 3 lbs.

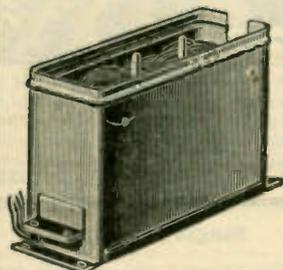
XB529—Your Cost

95⁰⁰



TruTest CONDENSER BLOCKS

ATWATER KENT Power Units



Exact Duplicate of the Original

Heretofore servicemen have had to accept makeshift 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. Color coded exactly like the originals. Planograph of the hook-up furnished with each unit.

For Models 40, 56 and 57

Shpg. wt. 17 lbs.
XB1381—Your Cost \$4.95

For Models 42, 44, 45 and 52

Shpg. wt. 17 lbs.
XB1376—Your Cost \$4.95

For Model 41 D. C.

Complete with resistors. Shpg. wt. 17 lbs.
XB1383—Your Cost \$1.95

For Models 43, 46, 47 and 53

Shpg. wt. 19 lbs.
XB1375—Your Cost \$7.15

Power Units for Models 37 and 38

Exact Duplicate of the Original



These TruTest Replacement Blocks produce a lasting and satisfactory job—one that you will be proud of. Built especially for us from the highest grade materials. They are exact duplicates of the original units in every detail. They contain the filter condenser block and three chokes; two high voltage filter chokes and one speaker choke. No changes necessary to install in chassis. Leads color coded; diagram furnished. Shpg. wt. 7 lbs.

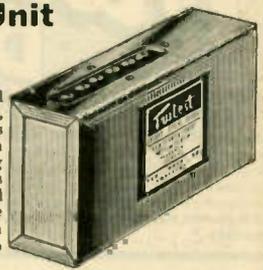
XB1378—Your Cost \$1.70

MAJESTIC Power Unit

Condenser Blocks

For Early Model Receivers

These blocks are built to the original Majestic specifications from brand new, first quality merchandise, guaranteed as to quality. Constructed with new high voltage paper condensers to insure long and satisfactory service. These units are equal to or superior to the original blocks. Tinned solder lug terminals are securely riveted to a bakelite panel on top of unit. Fit chassis exactly; no changes necessary to install.



For Majestic 7BP6, 7P6 (Sets with 171 Type Tubes)

Size $8\frac{3}{4} \times 2\frac{1}{2} \times 4\frac{1}{2}$ " Shpg. wt. 6 lbs.
XB1071—7P6 Early Model Sets
XB1070—7BP6 Late Model Sets
Your Cost \$1.85
 Either Type.....

For Majestic 8P6 (Sets with 250 Type Tubes)

1000 volt test Condensers. Size $8\frac{3}{4} \times 2\frac{1}{2} \times 4\frac{1}{2}$ " Shpg. wt. 6 lbs.
XB1069—Your Cost Each \$3.50

For Majestic 9P6 (Sets with 245 Type Tubes)

Size $8\frac{3}{4} \times 2\frac{1}{2} \times 4\frac{1}{2}$ " Shpg. wt. 4 lbs.
XB1067—Your Cost Each \$1.90

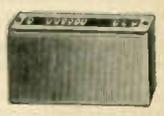
For Majestic "A" Eliminators

Size $3\frac{1}{4} \times 3\frac{1}{4} \times 7\frac{3}{4}$ " Shpg. wt. 4 lbs.
XB849—Your Cost Each \$2.35

MAJESTIC 20 Chassis Condenser Bank and P. P. Input Transformer

Exact Duplicate of the Original

An exact duplicate replacement for the original Majestic filter block and push-pull input assembly, part No. 3887. Contains two 2 mfd. and two 1 mfd. condensers and the P. P. input transformer. Fits the chassis exactly without the necessity for making any changes. Solder lug terminals are securely fastened on bakelite panel, and tinned for easy connections. Shpg. wt. 6 lbs.



XB1064—Your Cost Each \$3.75



KOLSTER K-43

The original Dubilier Type PL1557 Filter Condenser for the Kolster K-43. 5.1 mfd. total capacity. Shpg. wt. 3 lbs.

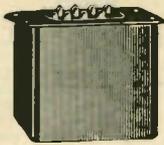
XB1334—Your Cost \$2.35

STROMBERG-CARLSON Filter

Models 641, 642, 652, 654

An exact duplicate Stromberg-Carlson filter condenser. Total capacity 9 mfd. Shpg. wt. 11 lbs.

XB916—Your Cost \$3.60

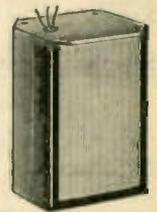


Original MAJESTIC Condenser Blocks

For 90B and 100B Models 90, 91, 92, 93, 102 and 103

Majestic Replacement Part No. 1564, for replacement in the above sets. Contains: Three 2 mfd. and one 1 mfd. Shpg. wt. 6 lbs.

XB1065—Your Cost \$1.90



Majestic REPLACEMENT PARTS

PLATE TRANSFORMER 70 SERIES 7 BP6 Pack

Original Majestic Part No. 67 Shpg. wt. 6 lbs.
XC2104—Your Cost \$75

PLATE TRANSFORMER—MODEL 180 For 8BP6 Pack

Exact Duplicate of the original. Shpg. wt. 9 lbs.
XC2169—Your Cost \$4.25

FILAMENT & PLATE TRANSFORMER MAJESTIC 9BP6 Power Packs

Original Majestic Part No. 436, for 90 Series. Brand new. Shpg. wt. 15 lbs.
XC2100—Your Cost \$1.35

MAJESTIC 90-B and 100-B

Duplicate of the original Majestic part. Filament and plate transformer in one container. Shpg. wt. 15 lbs.
XC2127—Your Cost \$3.90

FILAMENT TRANSFORMER 70 SERIES 7BP Power Packs

Original Majestic Part No. 61. Shpg. wt. 6 lbs.
XC2105—Your Cost \$75

PUSH-PULL OUTPUT TRANSFORMER MAJESTIC 90 Series

Original Majestic Part No. 134. Shpg. wt. 3 lbs.
XC2107—Your Cost \$59

90-B PUSH-PULL INPUT OUTPUT TRANSFORMERS

P. P. Input, Majestic Part No. 1551. **95**
XC2094—Your Cost
 P. P. Output, Majestic Part No. 1552. **95**
XC2095—Your Cost

CHOKE FOR 70 SERIES

Original Majestic Part No. 66. Used in 7BP6 Power Pack. Shpg. wt. 8 lbs.
XC2101—Your Cost \$25

DOUBLE CHOKE FOR 180 SERIES

Original Majestic Part No. 626. For 8P6 Pack. Shpg. wt. 8 lbs.
XC2102—Your Cost \$49

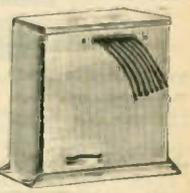
DOUBLE CHOKE FOR 90 SERIES

Original Majestic Part No. 281. For 9P6 Packs. Shpg. wt. 9 lbs.
XC2103—Your Cost \$75

FADA Model 43 Condenser Block

Built according to the standards of the original Fada condenser bank No. 1865-X. Contains: 2 mfd. at 600 volts, 2 mfd. at 400 volts and 2-1.0 mfd. at 400 volts. Shpg. wt. 4 lbs.

XB1206—Your Cost \$3.25



Models 42, 44, 46, 47, No. 1830X

Similar in appearance to the above. Contains 7.1 microfarads of condenser.
XB1199—Your Cost \$3.10

SPARTON Models 69, 79, 89



These are brand new condenser blocks made especially for replacement in Sparton models. Only the highest grade of paper and foil used in the construction of these units. The original specifications have been strictly adhered to. For guaranteed satisfaction, use these for Sparton replacements. Shpg. wt. 5 lbs.
XB975—Your Cost \$2.95

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

Use **Trutest** Electrolytic **DRY** CONDENSERS

Preferred By Servicemen - Engineers and Manufacturers



Trutest Dry Electrolytic Condensers offer the widest selection available. Their unusual value for replacement use results both from mechanical adaptability and the superior performance, with higher voltage protection, which are inherent features of "Trutest Unsurpassed Quality."

The Power Factor of all Trutest Dry Electrolytic Condensers is Guaranteed to be from 4 to 8%. Leakage is better than the R.M.A. rating of .1 mills. per microfarad. Actual tests on an average Trutest 8 mfd. dry electrolytic shows a leakage of 2 mills. at rated working voltage at 25° C.

Trutest Dry Electrolytics are Guaranteed to have their actual rated capacities with R.M.A. tolerance of plus or minus 10%. Laboratory test invariably shows that Trutest Dry Electrolytics actually have a PLUS tolerance. Efficient filtering is therefore unhesitatingly **GUARANTEED**.



Multiple Sections Can Type

This series of replacement round can Condensers offers the service trade unusual value, due to their very reasonable price, and distinctive quality construction. Each section is a separate electrolytic, of a genuine self-heating type.

These multiple section can type condensers have been scientifically designed. The excellent power factor characteristic of these units, under normal temperature conditions, means that electrostatic and effective capacities are practically the same, resulting in efficient filtering.

| Stock No. | Cap'y Mfd. at Anodes | Can Diam. In. | Peak Volt. | Your Cost Each |
|-----------|----------------------|---------------|------------|----------------|
| XD3316 | 8-8 | 1 1/2 | 500 | \$0.85 |
| XD3317 | 5-15 | 2 1/2 | 500 | 1.09 |
| XD3325 | 8-18 | 3 | 500 | 1.35 |
| XD3327 | 18-18 | 3 | 500 | 1.65 |
| XD3331 | 4-4-4 | 2 1/2 | 500 | 1.05 |
| XD3318 | 8-8-8 | 3 | 500 | 1.23 |
| XD3320 | 9-9-18 | 3 | 500 | 1.75 |
| XD3319 | 8-8-8-8 | 3 1/4 | 500 | 1.62 |
| XD3321 | 8-8-18-18 | 3 1/4 | 500 | 2.45 |

Inverted Type

| Stock No. | Cap'y Mfd. | Peak Volt. | Your Cost Each |
|-----------|------------|------------|----------------|
| XD3323 | 4 | 500 | \$0.38 |
| XD3326 | 4-4 | 500 | .70 |
| XD3335 | 4-8 | 500 | .79 |

Dry Electrolytic Cartridge Condensers



Enclosed in waxed cardboard containers with metal ends and 1 1/4" tinned wire leads. Hermetically sealed to prevent losses due to moisture. Very compact, making them convenient to use. Especially suited for use in the popular A. C.-D. C. sets. All conservatively rated.

| Stock No. | Cap'y Mfd. | Working Volts | Peak Volt. | Your Cost Each |
|-----------|------------|---------------|------------|----------------|
| XD3380 | 5 | 25 | 35 | \$0.24 |
| XD3381 | 10 | 25 | 35 | .23 |
| XD3382 | 25 | 25 | 35 | .23 |
| XD3383 | 50 | 25 | 35 | .42 |
| XD3384 | 5 | 50 | 75 | .24 |
| XD3295 | 10 | 50 | 75 | .30 |
| XD3297 | 25 | 50 | 75 | .36 |
| XD3387 | 5 | 100 | 150 | .26 |
| XD3388 | 10 | 100 | 150 | .33 |
| XD3392 | 2 | 150 | 200 | .24 |
| XD3393 | 4 | 150 | 200 | .29 |
| XD3394 | 8 | 150 | 200 | .36 |
| XD3395 | Dual 4 | 150 | ... | .42 |
| XD3389 | 1 | 200 | 275 | .24 |
| XD3390 | 2 | 200 | 275 | .26 |
| XD3391 | 4 | 200 | 275 | .30 |
| XD3290 | 5 | 450 | 500 | .26 |
| XD3291 | 1 | 450 | 500 | .27 |
| XD3292 | 2 | 450 | 500 | .31 |
| XD3293 | 4 | 450 | 500 | .35 |

Special Compact Filters for A. C.-D. C. Sets



225 V. Peak

New, smaller, more convenient, more economical, and highly efficient. These units occupy less space than similar capacity low voltage sections, and give ample voltage protection. Will fit the majority of the midgets extant. Rated with working voltage of 200 volts D. C.

| Stock No. | Capacity Mfd. | Size Inches | Your Cost Each |
|-----------|---------------|---------------------|----------------|
| XD3210 | 4 | 2 1/4 x 1 1/4 x 3/4 | \$0.33 |
| XD3211 | 6 | 2 1/4 x 1 1/4 x 3/4 | .40 |
| XD3212 | 8 | 2 1/4 x 1 1/4 x 1 | .40 |
| XD3213 | 10 | 2 1/4 x 1 1/4 x 1 | .49 |
| XD3214 | 12 | 2 1/4 x 1 1/4 x 1 | .52 |
| XD3215 | 16 | 2 1/4 x 1 1/4 x 1 | .57 |
| XD3216 | 20 | 2 1/4 x 1 1/4 x 1 | .65 |
| XD3217 | 25 | 2 1/4 x 1 1/4 x 1 | .68 |

Trutest Special "600" Volt Peak Dry Electrolytics



This new Trutest line of "600" peak condensers was designed especially to meet the demand for a unit that would meet practically any service requirement. They are similar in construction and workmanship to the standard line of Trutest electrolytics but the peak voltage has been raised to 600 volts D. C. and the working voltage to 475 volts D. C. Especially recommended for use in sets or amplifiers where surges of more than 600 volts occur. This series of condensers is wax impregnated and perfectly sealed in a compact cardboard box provided with wire leads.

| Stock No. | Cap'y Mfd. | Size Inches | Your Cost Each |
|-----------|------------|-----------------------|----------------|
| XD3205 | 1 | 3/8 x 1 1/8 x 2 1/8 | \$0.40 |
| XD3206 | 2 | 3/8 x 1 1/8 x 2 1/8 | .45 |
| XD3207 | 4 | 1 1/8 x 1 1/8 x 2 1/8 | .54 |
| XD3208 | 6 | 1 3/8 x 1 1/8 x 2 1/8 | .62 |
| XD3209 | 8 | 1 3/8 x 1 1/8 x 2 1/8 | .65 |

Compact Dry Electrolytic Filter Units



525 V. Peak

A new, extremely compact filter condenser conservatively rated with 525 volt peak and 450 volts D. C. working voltage. Ideal for general replacement purposes.

| Stock No. | Cap'y Mfd. | Size Inches | Your Cost Each |
|-----------|------------|-----------------------|----------------|
| XD3223 | 1 | 3/8 x 1 1/8 x 2 1/8 | \$0.27 |
| XD3219 | 2 | 2 3/8 x 1 1/8 x 1 1/2 | .32 |
| XD3220 | 4 | 2 3/8 x 1 1/8 x 1 1/2 | .40 |
| XD3221 | 6 | 2 3/8 x 1 1/8 x 1 1/2 | .49 |
| XD3222 | 8 | 2 3/8 x 1 1/8 x 1 1/2 | .52 |

NOTE

Trutest condensers are preferred because of their light weight, low cost, compactness, and adaptability to mount in any position. All types may be used with utmost confidence in their high quality.

Single 8 Mfd. Can



This Trutest 8 mfd., 500 volt, peak condenser is used in new installations and replacements. In round aluminum can, of standard size, fits hole for 3/4" studs. Can is insulated from the condenser sections and is grounded. Guaranteed. Shpg. wt. 1 lb.

XD3324
Your Cost Each **44¢**

Single 8 Mfd. Cardboard

The most popular size in this very popular line of condensers at an exceptionally LOW PRICE. This 8 mfd. condenser has a heavily waxed cardboard container and a peak voltage rate of 600 volts. Size 4 1/2 x 1 1/4 x 1 1/4". Shpg. wt. 1 lb.

XD3348 - List \$1.00
Your Cost **42¢**

Plain Cardboard Filter and General By-Pass Units



Suitable for use in the manufacture of radio sets or for replacement work to substitute for wax paper condenser blocks. They are light and compact and can be mounted in any position. Free from trouble even under operation at unusually high temperatures. Used for filter sections, cathode, and

| Stock No. | Cap'y Mfd. | Size Inches | Peak Volt. | Your Cost Each |
|-----------|------------|-----------------------|------------|----------------|
| XD3351 | 2 | 2 3/8 x 1 1/8 x 1 1/8 | 500 | \$0.29 |
| XD3346 | 4 | 1 3/8 x 1 1/8 x 1 1/8 | 500 | .35 |
| XD3347 | 6 | 1 3/8 x 1 1/8 x 1 1/8 | 500 | .40 |
| XD3348 | 8 | 1 3/8 x 1 1/8 x 1 1/8 | 500 | .42 |
| XD3349 | 10 | 1 3/8 x 1 1/8 x 1 1/8 | 500 | .53 |
| XD3350 | 12 | 1 3/8 x 1 1/8 x 1 1/8 | 500 | .62 |

| Stock No. | Cap'y Mfd. | Work. Volts | Size Inches | Your Cost Each |
|-----------|------------|-------------|-----------------------|----------------|
| XD3353 | 10 | 50 | 1 1/8 x 1 1/8 x 2 3/8 | \$0.38 |
| XD3354 | 25 | 25 | 1 1/8 x 1 1/8 x 2 3/8 | .32 |

Multiple Sections Cardboard Container



These multiple section condensers are used for sub-base and sub-panel mounting. The sections are insulated from each other and separate terminals are brought out from each section. Capacity is practically constant over a wide frequency range. Overall height 4 3/8". Conservatively rated at 500 volts D. C. peak. Ideal for A. C.-D. C. sets.

| Stock No. | Capacity Mfd. | Working Voltage | Your Cost Each |
|-----------|---------------|-----------------|----------------|
| XD3361 | 4-1 | 200 | \$0.48 |
| XD3362 | 5-5 | 35 | .44 |

Plain cardboard, multiple sections. 500 volts D. C. peak.

| Stock No. | Capacity Mfd. | Size Inches | Your Cost Each |
|-----------|---------------|-----------------------|----------------|
| XD3337 | 4-4 | 1 1/8 x 1 1/8 x 4 3/8 | \$0.53 |
| XD3339 | 4-8 | 1 1/8 x 1 1/8 x 4 3/8 | .65 |
| XD3341 | 6-8 | 1 1/8 x 1 1/8 x 4 3/8 | .70 |
| XD3342 | 8-8 | 1 1/8 x 1 1/8 x 4 3/8 | .72 |
| XD3366 | 8-8-8 | 1 1/2 x 2 x 4 3/8 | 1.05 |
| XD3307* | 8-8-8 | 2 3/8 x 1 1/8 | 1.27 |

* Rectangular aluminum can.

Trutest

BY-PASS CONDENSERS

All Trutest Products are guaranteed to be within RMA tolerance + or - 10%

Single Unit By-Pass



Universal mounting types, and compactness for general purpose work. Hermetically sealed in

drawn aluminum cans. Each condenser unit tested at 1000 volts D.C. Assuring you of a quality replacement.

| Stock No. | Cap. | Volt. | Your Cost |
|-----------|------|-------|-----------|
| XD3260 | .1 | 200 | \$0.17 |
| XD3261 | .25 | 200 | .20 |
| XD3262 | .5 | 200 | .24 |
| XD3263 | 1.0 | 200 | .32 |
| XD3264 | 2.0 | 200 | .52 |
| XD3265 | .1 | 300 | .21 |
| XD3266 | .25 | 300 | .28 |
| XD3267 | .5 | 300 | .32 |
| XD3268 | 1.0 | 300 | .45 |
| XD3269 | .1 | 400 | .22 |
| XD3270 | .25 | 400 | .26 |
| XD3271 | .5 | 400 | .33 |
| XD3272 | 1.0 | 400 | .49 |

Multi-Unit By-Pass

| Stock No. | Cap. | Volt. | Your Cost |
|-----------|---------|-------|-----------|
| XD3273 | .1-.1 | 200 | \$0.32 |
| XD3274 | .1-.1 | 200 | |
| XD3275 | .25-.25 | 200 | .36 |
| XD3276 | .5-.5 | 200 | .47 |
| XD3281 | 1-.1 | 300 | .36 |
| XD3282 | .25-.25 | 300 | .34 |
| XD3283 | .5-.5 | 300 | .45 |
| XD3277 | 1-.1 | 400 | .32 |
| XD3278 | 1-.1 | 400 | .45 |
| XD3279 | .25-.25 | 400 | .40 |
| XD3280 | .5-.5 | 400 | .55 |

Trutest Midget Cartridge Condensers



These condensers are very compact, half the size of average cartridge condensers. Especially adaptable to AC.-D.C. sets, or where space is a factor. Sealed at ends, leads cannot pull out.

| Stock No. | Cap. Mfd. | Work. Volt. | Your Cost | Stock No. | Cap. Mfd. | Work. Volt. | Your Cost |
|-----------|-----------|-------------|-----------|-----------|-----------|-------------|-----------|
| XD3173 | .01 | 200 | \$0.06 | XD3185 | .002 | 600 | \$0.07 |
| XD3175 | .05 | 200 | .07 | XD3186 | .006 | 600 | |
| XD3176 | .1 | 200 | 8c | XD3187 | .01 | 600 | .09 |
| XD3177 | .25 | 200 | | XD3188 | .02 | 600 | .08 |
| XD3178 | .5 | 200 | .15 | XD3189 | .05 | 600 | .09 |
| XD3179 | .01 | 400 | .06 | XD3190 | .1 | 600 | .11 |
| XD3180 | .02 | 400 | 8c | XD3191 | .25 | 600 | .17 |
| XD3181 | .25 | 400 | | XD3192 | .05-.05 | 200 | 15c |
| XD3182 | .1 | 400 | .09 | XD3193 | 1-1 | 200 | |
| XD3183 | .25 | 400 | .13 | XD3194 | .25-.25 | 200 | .18 |
| XD3174 | .5 | 400 | .18 | XD3195 | .05-.05 | 400 | .16 |
| XD3184 | .001 | 600 | .07 | XD3196 | 1-1 | 400 | .17 |

Trutest Assorted By-Pass Condensers



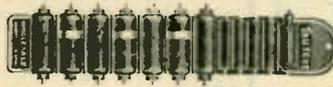
A very handy assortment for the Serviceman. Contains twelve of the most popular capacities in drawn metal cans; assorted as follows. Shpg. wt. 3 lbs.

The following capacities at 200 volts: one .1, one .25, two .5, two 1; 300 volts: one .1, one .25, one .5, one 1; 400 volts: one .5, one 1.

XD3289—\$3.50
Your Cost.....

Handy Cartridge Condenser Assortment

Complete assortments of the most popular sizes used in average service work. It is the most convenient way of always being certain to have the correct size on hand.



The handy card can be hung over the service bench and refilled as used up. This eliminates searching through a box for a needed size. Contains one of each of the following condensers:

| Strip "A" | | | | Strip "B" | | | |
|--------------------------------|-------|-------------|-----------|--------------------------------|-------|-------------|-----------|
| Cap. | Volt. | Work. Volt. | Your Cost | Cap. | Volt. | Work. Volt. | Your Cost |
| .1 | 200 | 200 | .01 | .05 | 200 | 200 | .02 |
| .5 | 200 | 200 | .02 | .25 | 200 | 200 | .05 |
| .01 | 400 | 400 | .1 | .05 | 400 | 400 | .1 |
| .05 | 400 | 400 | .25 | .02 | 400 | 400 | 1-1 |
| .1 | 400 | 400 | .05-.05 | .25 | 400 | 400 | .25-.25 |
| .006 | 600 | 600 | 1-1 | .001 | 600 | 600 | .05-.05 |
| XD3197—Strip "A" \$1.25 | | | | XD3198—Strip "B" \$1.35 | | | |
| Your Cost..... | | | | Your Cost..... | | | |

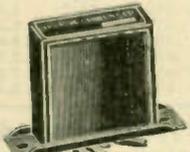
Trutest Cartridge Condenser Kit

Contains twenty-five of the most popular capacities used to service every make and type of receiver. Every serviceman should have this kit in his shop. The following are the capacities and voltage ratings:

| Units Cap. | Volts | Units Cap. | Volts |
|------------|-------|------------|-------|
| 4 | .01 | 400 | 2 |
| 4 | .02 | 600 | 2 |
| 4 | .1 | 200 | 2 |
| 3 | 1 | 600 | 2 |
| 2 | .006 | 600 | |

Shpg. wt. 4 lbs.
XD3199—Complete kit of 25. \$2.59
Your Cost.....

COLONIAL By-Pass Condenser

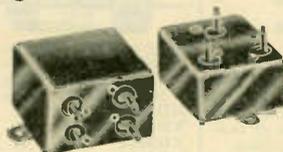


No. 1748-SA For Model 32 The genuine Colonial By-pass condenser. .1 .1 .5 mfd.

XB688—Your Cost Each..... **49c**
Similar in appearance to above. Part No. 1728-SA. .1 .1 .25 .1 mfd.
XB691—Your Cost Each..... **68c**

CROSLLEY Replacements

These replacement by-pass condensers are made for replacement in Crosley receivers. They EXACTLY DUPLICATE the original in every respect. The listing below covers the entire Crosley line of receivers. All are brand new and guaranteed. Shpg. wt. 10 oz.



| Stock No. | Crosley Part No. | Cap. Mfd. | Your Cost | Stock No. | Crosley Part No. | Cap. Mfd. | Your Cost |
|-----------|------------------|-----------|-----------|-----------|------------------|------------|-----------|
| XB700 | W4013-B | 1.0 | \$0.34 | XB712 | W20186 | .3-.25-.25 | \$0.23 |
| XB704 | W4919 | .5 | .30 | XB717 | W20449 | .5-1 | .38 |
| XB705 | W4968 | .5 | .26 | XB718 | W22412 | 1-1-1-1-1 | .65 |
| XB707 | W5863 | .5-.5 | .65 | XB719 | W22995 | 1-5 | .38 |
| XB708 | W5943 | .1 | .24 | XB720 | W23736 | .5-.25-.25 | .75 |
| XB710 | W7753-B | 1-.5-1 | .38 | | | | |

SPARTON Tubular Condensers

New and improved type, fully shielded in a metal shell. Made expressly for Sparton replacement.

XB545—.25 mfd. Your Cost **32c**
Each.....
XB546—.5 mfd. Your Cost **37c**
Each.....
XB547—1.0 mfd. Your Cost **43c**
Each.....



Cardboard Container
XB511—.25 mfd. XB512—.5 mfd.
XB513—1.0 mfd. **33c**
Your Cost, Either Type.....

ATWATER KENT By-Pass Condensers Speaker



By-Pass Models 37, 38, 40, 42, 44 and 46

Guaranteed to be equal to or superior to the original condensers. Capacity .5 mfd. Shpg. wt. 4 oz.

XD3961—Your Cost Each..... **58c**

R. F. By-Pass Condenser

Same models as the above. Contains three .25 mfd. condensers.

XD3960—Your Cost Each **58c**



Trutest Serviceman's Emergency Kit

Everything for the Average Repair



Just the thing you have always wanted—a complete selection of all the most often used parts needed in radio service work. Contained in a rugged metal case—a place for everything and everything in its place. Case 4x8x2 1/2". Contains the following:

Electrolytic Condensers—two 8-mfd. and two 4-mfd. 450-volt (dry);

Metal Case By-Pass—two .25 mfd., two .5 mfd. and one 1.0 mfd. (all 400-volt). **Tubular By-Pass Condensers**—three .1 mfd. 400-volt, one .05 mfd. 200-volt. **Mica Condensers**—one .00025 mfd., one .0005 mfd. and one .0025 mfd. **Wire Wound Resistors**—one 2000-ohm, 25-watt; one 5000-ohm, 25 watt; one 20-ohm C.T. The following **1-Watt Carbon Resistors**—1-500, 2-1000, 1-1500, 1-2000, 2-2500, 2-5000, 2-10,000, 1-20,000, 2-25,000, 2-50,000, 2-100,000, 2-250,000, 1-750,000, 1-1 meg., 1-2 meg., and 1-5 meg.

Also contains the following parts: one 20 amp. plug fuse; five 3-amp. cartridge fuses (radio); one G. E. twin tap; one 4 and one 5-prong wafer sockets; one male plug; three feet of bronze dial cable; one short shank and one long shank toggle switch; one RMA color code chart. Shpg. wt. 12 lbs. **\$8.25**

XD3285—Complete Kit. Your Cost.....

SANGAMO 1000-Volt Mica Condensers

Finest ruby mica dielectric. Moulded bakelite cases.

| Stock No. | Cap. Mfd. | Cap. Mfd. | Your Cost |
|-----------|-----------|---------------------|-----------|
| XD3050 | .00004 | 40 | \$0.15 |
| XD3051 | .00005 | 50 | .23 |
| XD3053 | .0001 | 100 | .16 |
| XD3054 | .00015 | 150 | .23 |
| XD3055 | .0002 | 200 | |
| XD3056 | .00025 | 250 | |
| XD3058 | .00035 | 350 | |
| XD3060 | .0005 | 500 | |
| XD3048 | .0007 | 700 | .15 |
| XD3061 | .001 | 1000 | .20 |
| XD3074 | .012 | 1200 | .48 |
| XD3063 | .015 | 1500 | |
| XD3064 | .002 | 2000 | 29c |
| XD3066 | .003 | 3000 | |
| XD3068 | .004 | 4000 | 35c |
| XD3069 | .005 | 5000 | .41 |
| XD3070 | .006 | 6000 | .50 |
| XD3072 | .008 | 8000 | .59 |
| XD3073 | .01 | 1000 | .67 |
| XD3075 | .015 | 1500 | .72 |
| XD3049 | | Resistor Clips, pr. | .00 |

Replacement Part Headquarters for Dealers and Service Men



CORNELL

The PIONEER Condenser

The Cornell-Dubilier Condenser Corporation, one of the oldest and most respected manufacturers in the field, is now offering to the radio trade the most comprehensive line of filter and by-pass units ever assembled by one manufacturer at the lowest prices in the history of the company. Each and every one of the millions of units made by them each year undergo many severe tests in production so as to assure the consumer a condenser that is as nearly perfect as it is humanly possible to make. Capacities are constant over a wide frequency and temperature range, and the power factor remains low under the most severe operating con-

ditions. In final assembly, each unit is thoroughly impregnated and made moisture proof. For these reasons, together with the fact that over 140 manufacturers of radio sets and equipment use Cornell condensers for all their requirements, you can rest assured that each unit you purchase is the finest obtainable. Wholesale Radio Service Company, one of the few select authorized distributors appointed by the Cornell-Dubilier Corporation, unqualifiedly guarantees and endorses each and every Cornell condenser to give long and satisfactory service under the operating conditions for which it was designed.

Cardboard Cased Filter and By-Pass Units

TYPE EE

Cornell-Dubilier dry electrolytic condensers embody the latest improvements in condenser design. They are used as standard equipment by a great number of set manufacturers because they are light, compact and can be mounted in any position. Will give trouble free service even under operation at unusually high temperatures. Capacity is constant over a wide frequency range, with low power factor under ordinary conditions of use. Solder lug terminals are securely riveted to the containers and will not pull out. Entire condenser is heavily waxed and thoroughly moisture-proofed. An excellent condenser for general replacement use.



525 Volts Peak

| Stock No. | Cap'y Mfd. | Dimensions L | W | D | Your Cost Each |
|-----------|------------|--------------|--------|--------|----------------|
| XD3618 | 2 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | 50.39 |
| XD3619 | 4 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .45 |
| XD3620 | 6 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .54 |
| XD3621 | 8 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .59 |
| XD3622 | 10 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .67 |
| XD3623 | 12 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .78 |
| XD3699 | 16 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .87 |

Multiple Section Units

TYPE EG

These condensers are similar to the above but consist of a number of individual units within a single container. Available with from 2 to 4 units. This type simplifies mounting and saves a great deal of space where a number of condensers are used in one receiver or amplifier.

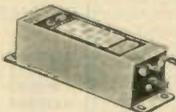
525 Volts Peak

| Stock No. | Cap'y Mfd. | Dimensions L | W | D | Your Cost Each |
|-----------|----------------|--------------|--------|--------|-----------------|
| XD3686 | 4-4 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 50.72 |
| XD3687 | 4-6 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 81 ^c |
| XD3688 | 4-8 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 81 ^c |
| XD3689 | 4-12 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1.20 |
| XD3690 | 6-6 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 87 ^c |
| XD3691 | 6-8 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | .90 |
| XD3692 | 8-8 4 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1.08 |
| XD3693 | 4-4-4 4 1/2" | 2 1/2" | 2 1/2" | 2 1/2" | 1.32 |
| XD3694 | 8-8-8 4 1/2" | 3" | 2" | 2" | 1.77 |
| XD3695 | 8-8-8-8 4 1/2" | 3" | 2" | 2" | 1.77 |

Single and Dual Sections with Mounting Flanges

TYPE EH

These condensers are the same electrically as the Type EG units described below, with the exception that they are encased in cardboard boxes which are provided with mounting flanges. Mounting holes are strengthened with eyelets. Individual soldering lugs brought out from case on all dual units. Peak voltage 525 volts; working voltage 450 D. C.



| Stock No. | Cap'y Mfd. | Dimensions L | W | D | Your Cost Each |
|-----------|-------------|--------------|--------|--------|-----------------|
| XD3624 | 4 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | 50.45 |
| XD3625 | 4 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .57 |
| XD3626 | 4 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .72 |
| XD3627 | 4-6 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | 81 ^c |
| XD3628 | 4-8 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | 81 ^c |
| XD3629 | 4-12 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | 1.20 |
| XD3630 | 6-6 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | 87 ^c |
| XD3631 | 6-8 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .90 |
| XD3632 | 8-8 4 1/2" | 1 3/4" | 1 1/4" | 1 1/4" | .90 |

Special Compact Filters 525 V. Peak 450 V. Working

TYPE RHM

These new small sized units were designed primarily to meet the ever growing demand for good filter units that could be used in the "cigar-box" midsets. Type RHM condensers are provided with stiff wire leads so that the units are self-supporting, and since they are only 2 1/2" long, they will fit in the smallest of these sets. Rated with 525 volt peak, 450 volts D. C. working voltage.



| Stock No. | Cap'y Mfd. | Size W | D | List Price | Your Cost Each |
|-----------|------------|--------|--------|------------|----------------|
| XD3614 | 1 1 1/2" | 1 1/2" | 1 1/2" | \$0.55 | \$0.33 |
| XD3615 | 2 1 1/2" | 1 1/2" | 1 1/2" | .65 | .39 |
| XD3616 | 4 1 1/2" | 1 1/2" | 1 1/2" | .75 | .45 |
| XD3617 | 8 1 1/2" | 1 1/2" | 1 1/2" | .95 | .57 |

RHM "Handy-Mike" Kit

Contains two each of the units shown in listing above. 8 units in all. XD3696—Complete Kit. List \$5.80. Your Cost **\$3.48**

"Hi-Mike" Cartridge Type Electrolytics



TYPE FD

Self-supporting with wire leads that cannot pull out. Hermetically sealed to prevent losses due to moisture.

| Stock No. | Cap'y Mfd. | Wkg. Volts | Size In. | Your Cost Each |
|-----------|------------|------------|-----------------|-----------------|
| XD3600 | 5 | 25 | 2 1/2" x 3/8" | 30 ^c |
| XD3601 | 10 | 25 | 2 1/2" x 3/8" | .36 |
| XD3602 | 20 | 25 | 2 1/2" x 3/8" | .39 |
| XD3603 | 25 | 25 | 2 1/2" x 1 1/8" | .57 |
| XD3604 | 50 | 25 | 2 1/2" x 1 1/8" | .57 |
| XD3605 | 5 | 50 | 2 1/2" x 3/8" | .39 |
| XD3606 | 10 | 50 | 2 1/2" x 3/8" | .48 |
| XD3607 | 25 | 50 | 2 1/2" x 3/8" | .48 |
| XD3608 | 5 | 100 | 2 1/2" x 3/8" | .42 |
| XD3609 | 10 | 100 | 2 1/2" x 3/8" | .42 |
| XD3610 | 25 | 100 | 2 1/2" x 1 1/8" | .57 |
| XD3611 | 1 | 450 | 2 1/2" x 3/8" | .33 |
| XD3612 | 2 | 450 | 2 1/2" x 1 1/8" | .39 |
| XD3613 | 4 | 450 | 2 1/2" x 1 1/8" | .45 |

Junior "Handy-Mike" Kit

The Junior kit contains a selection of 10 low voltage capacities designed to take care of a great portion of the replacement requirements of the average service call. Each of the tubular units has stiff-wire leads and is as compact as possible. Especially suited for use in the popular A. C.-D. C. midset sets. All 2 1/2" long. Shpg. wt. 2 lbs.



| No. of Units | Cap'y Mfd. | Peak Volts | Wkg. Volts | List Price |
|--------------|------------|------------|------------|------------|
| 2 | 4 | 300 | 250 | 50.65 |
| 2 | 8 | 300 | 250 | .85 |
| 2 | 10 | 300 | 250 | .95 |
| 2 | 10 | 35 | 25 | .50 |
| 2 | 12 | 300 | 250 | 1.05 |

XD3697—Complete Junior Kit. List \$5.00. Your Cost **\$4.80**

"Hi-Mike" Round Metal Can Condensers Type EA



For use in amplifiers, power units and other equipment where sturdy, neat appearing single section units are required. Can is negative. 525 volts peak; 450 volts D. C. working.

| Stock No. | Cap'y Mfd. | Size L | D | Your Cost Each |
|-----------|------------|--------|--------|----------------|
| XD3640 | 2 | 2 1/2" | 1 1/2" | 50.45 |
| XD3641 | 4 | 2 1/2" | 1 1/2" | .51 |
| XD3642 | 6 | 4 1/2" | 1 1/2" | .60 |
| XD3643 | 8 | 4 1/2" | 1 1/2" | .63 |
| XD3644 | 10 | 4 1/2" | 1 1/2" | .75 |
| XD3645 | 12 | 4 1/2" | 1 1/2" | .84 |

Dual and Multiple Sections Type EA

These dual and multiple section units are so designed that they can be mounted in upright, horizontal, or any other position without affecting operation. All provided with mounting rings. Can is negative. Rated peak voltage 525; working voltage 450 volts D. C.



| Stock No. | Cap'y Mfd. | Dimensions L | D | Your Cost Each |
|-----------|------------|--------------|--------|----------------|
| XD3633 | 5-15 | 4 1/2" | 2 1/2" | 51.38 |
| XD3634 | 8-8 | 4 1/2" | 2 1/2" | 1.08 |
| XD3635 | 4-4-4 | 4 1/2" | 2 1/2" | 1.29 |
| XD3636 | 8-8-8 | 4 1/2" | 3" | 1.62 |
| XD3637 | 9-9-18 | 4 1/2" | 3" | 2.25 |
| XD3638 | 8-8-8-8 | 4 1/2" | 3" | 2.16 |
| XD3639 | 8-8-18-18 | 4 1/2" | 3 1/2" | 2.91 |

Inverted Can Type With Leads

Similar to type EA, but for inverted mounting. Provided with positive and negative leads, both insulated from can. Peak voltage 525, working voltage 450.

| Stock No. | Cap'y Mfd. | Size L | D | Your Cost Each |
|-----------|------------|--------|--------|----------------|
| XD3683 | 2 | 2 1/2" | 1 1/2" | 50.45 |
| XD3646 | 4 | 2 1/2" | 1 1/2" | .51 |
| XD3647 | 6 | 4 1/2" | 1 1/2" | .60 |
| XD3648 | 8 | 4 1/2" | 1 1/2" | .63 |
| XD3649 | 10 | 4 1/2" | 1 1/2" | .75 |

Inverted Can Type with Lug

Similar to the above, but with solder lug terminal. Can negative.

| Stock No. | Cap'y Mfd. | Size L | D | Your Cost Each |
|-----------|------------|--------|--------|----------------|
| XD3963 | 2 | 2 1/2" | 1" | 50.45 |
| XD3964 | 4 | 3 3/8" | 1" | .51 |
| XD3965 | 6 | 4 1/2" | 1" | .60 |
| XD3966 | 8 | 4 3/8" | 1" | .63 |
| XD3967 | 10 | 4 3/8" | 1 1/8" | .75 |

High Capacity—Low Voltage "A" Condensers

Ideally suited to provide hum proof operation of dynamic speakers. Also for low voltage rectifier circuits for talking pictures, and other photo-electric uses.

| Stock No. | Cap'y Mfd. | Wkg. Volts | Your Cost |
|-----------|------------|------------|-----------|
| XD3975 | 1000 | 12 | \$2.16 |
| XD3976 | 1500 | 12 | 3.00 |
| XD3977 | 2000 | 12 | 3.81 |
| XD3978 | 1000 | 18 | 3.00 |
| XD3979 | 1500 | 18 | 4.35 |
| XD3980 | 2000 | 18 | 5.52 |



DUBILIER

the **QUALITY STANDARD** since 1910



"Cub" Cartridge Condensers



Cornell "Cub" condensers have become the most universally used condensers in radio set design. Used extensively by over 135 radio set manufacturers. Units are wound on a wooden core, thoroughly impregnated, and cased in cardboard containers. Stiff wire leads are fastened to metal caps which are gouged into the core so that they cannot loosen.

| Stock No. | Cap'y Mfd. | Diam. In. | Wkg. Volts | Your Cost |
|--------------------|------------|-----------|------------|-----------|
| XD3734 | .1 | 1/2 | 400 | \$0.18 |
| XD3724 | .25 | 3/4 | 400 | .24 |
| XD3725 | .5 | 1 | 400 | .30 |
| XD3726 | 1.0 | 1 1/2 | 400 | .45 |
| XD3727 | .1 | 1/2 | 600 | .21 |
| XD3728 | .5 | 1 1/2 | 600 | .36 |
| "Dual Cubs" | | | | |
| XD3729 | .01-.01 | 1/2 | 400 | .24 |
| XD3730 | .05-.05 | 3/4 | 400 | .30 |
| XD3731 | .01-.01 | 1/2 | 600 | .27 |
| XD3732 | .05-.05 | 3/4 | 600 | .36 |
| XD3733 | .1-.1 | 1 | 600 | .39 |

"Dwarf Tiger" Units



Developed to meet the demand for an extremely low cost condenser especially suited for use in small midget sets where space is limited. They are light in weight, and can easily be connected between points by means of their leads only.

| Stock No. | Cap'y Mfd. | Diam. In. | Wkg. Volts | Your Cost |
|-----------|------------|-----------|------------|-----------|
| XD3735 | .01 | .440 | 400 | 12¢ |
| XD3736 | .02 | .440 | 400 | |
| XD3737 | .05 | .440 | 400 | .15 |
| XD3738 | .1 | .678 | 400 | .18 |
| XD3739 | .25 | .688 | 400 | .27 |
| XD3740 | .5 | .813 | 400 | .30 |
| XD3684 | .0001 | .440 | 600 | |
| XD3685 | .00025 | .440 | 600 | |
| XD3741 | .0005 | .440 | 600 | 12¢ |
| XD3742 | .001 | .440 | 600 | |
| XD3743 | .002 | .440 | 600 | |
| XD3744 | .005 | .440 | 600 | |
| XD3745 | .01 | .440 | 600 | |
| XD3746 | .02 | .440 | 600 | .15 |
| XD3747 | .05 | .678 | 600 | .18 |
| XD3748 | .1 | .688 | 600 | .21 |
| XD3749 | .25 | .875 | 600 | .30 |
| XD3750 | .5 | 1.000 | 600 | .36 |

Cornell "Cub" Condenser Kit

This kit consists of a careful selection of 60 of the capacities and voltage ratings which have been found to most nearly fill practically all replacement requirements on service calls. Used most frequently by over 135 set manufacturers. Contains the following:

| Units | Cap'y | Volts | Units | Cap'y | Volts |
|-------|--------|-------|-------|-------|-------|
| 4 | .05 | 200 | 2 | .001 | 600 |
| 5 | .1 | 200 | 3 | .002 | 600 |
| 6 | .1 | 400 | 3 | .006 | 600 |
| 7 | .25 | 400 | 3 | .01 | 600 |
| 6 | .5 | 400 | 6 | .02 | 600 |
| 2 | .0001 | 600 | 4 | .05 | 600 |
| 3 | .00025 | 600 | 6 | .1 | 600 |



XD3698 - Kit. List \$18.00. **Your Cost \$9.72**

Single and Multiple Units in Metal Cans



These single and multiple section condensers are **Non-Inductive**. Housed in one-piece drawn metal cans, and thoroughly plated to prevent corrosion. Terminals are securely riveted to bakelite panels to prevent surface leakage. All units are hermetically sealed against moisture. Dual units have common terminal; triple units have common grounded to can.

| SINGLE SECTIONS | | | | | MULTIPLE SECTIONS | | | | |
|-----------------|------------|---------------|-----------|-----------|-------------------|---------------|-----------|--|--|
| Stock No. | Cap'y Mfd. | Working Volts | Your Cost | Stock No. | Cap'y Mfd. | Working Volts | Your Cost | | |
| XD4067 | 1.0 | 600 | .90 | XD4076 | 1.0 | 600 | .90 | | |
| XD4067 | .05 | 400 | \$0.27 | XD4077 | .1-1 | 400 | \$0.39 | | |
| XD4068 | .1 | 400 | .30 | XD4078 | .25-25 | 400 | .48 | | |
| XD4069 | .25 | 400 | .36 | XD4079 | .5-5 | 400 | .60 | | |
| XD4070 | .5 | 400 | .45 | XD4080 | .1-1-1 | 400 | .51 | | |
| XD4071 | 1.0 | 400 | .60 | XD4081 | .1-1 | 600 | .42 | | |
| XD4072 | 2.0 | 400 | .93 | XD4082 | .25-25 | 600 | .60 | | |
| XD4073 | .1 | 600 | .36 | XD4034 | .1-1-1 | 600 | .72 | | |
| XD4074 | .25 | 600 | .42 | | | | | | |
| XD4075 | .5 | 600 | .57 | | | | | | |

"Dwarf Tiger" Condenser Kit

An assortment of 50 capacitors designed to meet the space demands of the present A. C.-D. C. midget receiver. Contains the following:

| Units | Cap'y | Volts | Units | Cap'y | Volts |
|-------|-------|-------|-------|--------|-------|
| 2 | .05 | 200 | 2 | .001 | 600 |
| 2 | .1 | 200 | 2 | .00025 | 600 |
| 3 | .02 | 400 | 2 | .001 | 600 |
| 4 | .05 | 400 | 4 | .005 | 600 |
| 5 | .1 | 400 | 6 | .006 | 600 |
| 3 | .25 | 400 | 6 | .01 | 600 |
| 2 | .5 | 400 | 4 | .1 | 600 |
| | | | 3 | .25 | 600 |

XD3968 - Complete Kit. **Your Cost \$7.52**

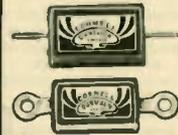


List \$13.75

NOTE

A 2% discount will be allowed on purchases of all units listed on this page. An extra 10% will also be allowed on any assortment of 10 or more of these units.

Midget Receiving Micacs



With Wire Leads or Lug Terminals

These units consist of careful assemblies of selected mica and foil subjected to predetermined pressure for exact capacity. Provided with soldering lug or wire lead terminals. Used extensively by set manufacturers. 1000 volt test.

| Stock No. | Lugs | Cap'y Mfd. | Your Cost |
|-----------|--------|------------|-----------|
| XD3715 | XD3870 | .00005 | 9¢ |
| XD3716 | XD3678 | .0001 | |
| XD3717 | XD3679 | .00025 | 12¢ |
| XD3718 | XD3680 | .0005 | |
| XD3719 | XD3681 | .001 | .15 |
| XD3720 | XD3682 | .002 | .21 |
| XD3721 | XD3871 | .003 | .24 |
| XD3722 | XD3872 | .004 | .27 |
| XD3723 | XD3873 | .005 | .33 |

Uncased Renewal Sections



Oil treated, hermetically sealed units that stand up under continuous duty. They are thoroughly impregnated, and covered by a paper wrapper. These units are ideal for use in replacing defective single sections of condenser blocks. Have insulated wire leads, securely anchored to the sections and color coded according to the voltage. Sizes listed below cover a great majority of replacement demands.

| Stock No. | Cap'y Mfd. | Wkg. Volts | Your Cost |
|-----------|------------|------------|-----------|
| XD4035 | .5 | 400 | \$0.33 |
| XD4036 | 1.0 | 400 | .45 |
| XD3981 | 2.0 | 400 | .69 |
| XD3982 | .25 | 600 | .33 |
| XD4037 | .5 | 600 | .39 |
| XD4038 | 1.0 | 600 | .60 |
| XD3983 | 2.0 | 600 | .84 |
| XD3984 | 4.0 | 600 | 1.56 |
| XD4039 | 1.0 | 1000 | .93 |
| XD4040 | 2.0 | 1000 | 1.53 |

Replacement Condensers for A.C.-D.C. Midgets

Here is something really new and worthwhile. The finest idea you ever heard of to make your service work easier and better than ever before. The present day A. C.-D. C. midgets usually contain multiple section condenser blocks with capacities and working voltages entirely different from the regular line of replacement condensers. It has, therefore, been very difficult for the serviceman to find replacement parts for those defective units he comes across in his daily work. Wholesale Radio

| Manufacturer | Cap'y Mfd. | Working Voltage | Stock No. | Your Cost |
|----------------|------------|-----------------|-----------|-----------|
| Atwater Kent | 8-8 | 300 | XD2951 | \$0.93 |
| Crosley | 8 | 250 | XD2952 | .66 |
| | 8 | 25 | | |
| | 7 | 450 | | |
| Crosley | 6 | 400 | XD2953 | 1.14 |
| | 8 | 25 | | |
| Crosley | 6 | 300 | XD2954 | .57 |
| | 8 | 25 | | |
| Crosley | 2.5 | 600 A. C. | XD2955 | .39 |
| Emerson | 4-16 | 150 | XD2956 | 1.11 |
| | 8 | 100 | | |
| Grigsby Grunow | 8-16 | 100 | XD2957 | .72 |
| Grigsby Grunow | 12-16 | 100 | XD2958 | .78 |
| Grigsby Grunow | 16-16 | 100 | XD2959 | .81 |
| Halsol | 16-8-4 | 150 | XD2960 | 1.08 |
| Halsol | 16-16-4 | 150 | XD2961 | 1.20 |
| Halsol | 16-4-4 | 150 | XD2962 | .99 |

Service Co., as usual, is among the first to offer a comprehensive listing of exact duplicate replacement condenser blocks for the most popular of the present A. C.-D. C. midgets. Each unit is an exact duplicate of the original, both physically and electrically.

Lack of space prevents listing all available units, but practically any unit can be supplied on order, at the very lowest prices.

| Manufacturer | Cap'y Mfd. | Working Voltage | Stock No. | Your Cost |
|-----------------|------------|-----------------|-----------|-----------|
| International | 3-3 | 100 | XD2963 | \$0.57 |
| | 3 | 15 | | |
| International | 4-10-10 | 150 | XD2964 | 1.11 |
| Phileo | 4-8 | 350 | XD2965 | .87 |
| Pilot | 2 | 100 | XD2966 | .27 |
| Pilot | 2 | 350 | XD2967 | .39 |
| R. C. A.—Victor | 1 | 250 | XD2968 | .42 |
| | 3-6 | 100 | | |
| | 3-5 | 35 | XD2969 | .39 |
| R. C. A.—Victor | 5-5 | 150 | XD2970 | .63 |
| R. C. A.—Victor | 4 | 150 | | |
| | 4 | 150 | XD2971 | .54 |
| R. C. A.—Victor | 4 | 300 | | |
| | 6-10 | 250 | XD2972 | 1.14 |
| Sparton | 4 | 200 | | |
| Sparton | 4-12 | 450 | XD2973 | 1.05 |

ONE Standard VOLTAGE for ALL Capacities of Condensers



Upright Can Type Dry Electrolytics

For general replacement use, or for use by the set builder.

Mounted in cylindrical aluminum cans. Larger sizes have bolt and nut terminals, smaller sizes, soldering lugs. Come complete with mounting ring that permits mounting condenser in any position desired. Maximum surge voltage 600 volts.

| Stock No. | Cap. Mfds. | Size, In. L D | Your Cost |
|-----------|------------|---------------|-----------|
| XD2600 | 2 | 3 1/2 x 1 | \$0.66 |
| XD2601 | 4 | 3 1/2 x 1 | .75 |
| XD2602 | 6 | 4 1/2 x 1 | .87 |
| XD2603 | 8 | 4 1/2 x 1 1/2 | .90 |
| XD2604 | 10 | 4 1/2 x 1 1/2 | 1.08 |
| XD2605 | 12 | 4 1/2 x 1 1/2 | 1.23 |
| XD2606 | 16 | 4 1/2 x 1 1/2 | 1.38 |
| XD2607 | 8-8 | 4 1/2 x 1 1/2 | 1.44 |
| XD2608 | 4-4-4 | 4 1/2 x 1 1/2 | 1.68 |
| XD2609 | 8-8-8 | 4 1/2 x 2 1/2 | 2.40 |
| XD2610 | 5-15 | 4 1/2 x 2 1/2 | 2.00 |
| XD2611 | 9-9-18 | 4 1/2 x 2 1/2 | 3.48 |
| XD2612 | 9-9-18-18 | 4 1/2 x 3 | 4.89 |
| XD2613 | 8-8-8-8 | 4 1/2 x 2 1/2 | 3.21 |
| XD2614 | 8-8-18-18 | 4 1/2 x 3 | 4.53 |
| XD2615 | 18-18 | 4 1/2 x 2 1/2 | 2.94 |

Inverted Can Type
This type, made only in the smaller sizes, has a threaded neck with a bolt and lock washer to mount through hole in chassis.

| Stock No. | Cap. Mfd. | Size, In. L D | Your Cost |
|-----------|-----------|---------------|-----------|
| XD2616 | 4 | 3 1/2 x 1 | \$0.75 |
| XD2617 | 6 | 4 1/2 x 1 | .87 |
| XD2618 | 8 | 4 1/2 x 1 1/2 | .88 |

Special Replacements for A. C.-D. C. Receivers



Though having a lower voltage rating (dual five-50 volts; dual four-150 volts) than the balance of the 600-Line, these special replacements have been included because they will stand up far longer than the condensers ordinarily used.

| Stock No. | Cap. Mfds. | Size, In. L W T | Your Cost |
|-----------|------------|---------------------|-----------|
| XB473 | 5-5 | 2 3/4 x 1 1/2 x 1/2 | \$0.69 |
| XB474 | 4-4 | 2 3/4 x 1 1/2 x 1/2 | .87 |

Oil Filled Vibrator Condensers



Capable of standing up under 1500 volts. Housed in metal can with tab mounting, ugm. Pig tail lead for connecting. Extremely compact.

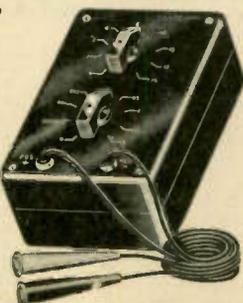
| | | |
|--------------------|-----------|------------|
| XN14276 | -.01 Mfd. | 27° |
| XN14277 | -.02 Mfd. | |
| XN14278 | -.04 Mfd. | |
| XN14279 | -.05 Mfd. | |
| Your Cost Any Size | | |

CAPACITY INDICATOR

"It Chirps on Overloads"

The new patented Sprague Surge Arrestor built into this new Capacity Indicator chirps when voltages over 475 volts are applied. Indicator checks capacities from .00025 to 16 mfd., in two ranges; from .00025 to 5 mfd., from 1 to 16 mfd. Capacities selected by means of two rotary switches of the self-cleaning wiping contact type. Entire unit housed in fine bakelite case 7 1/2 x 4 1/2 x 3 1/2". Terminals marked for easy connections. Complete with test leads and instructions.

Shpg. wt. 7 lbs. **\$8.90**
Your Cost...



SPRACO 450 Volt Condensers with "Extra Safety Factor"

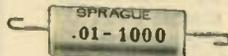
These condensers have a special filler which makes it possible to get higher capacity in smaller space. Have extra safety factor voltage rating, low power factor, extremely low leakage, and are absolutely impervious to moisture. Extremely small size allows them to be mounted anywhere. They are light weight, and self-supporting. Provided with insulated leads, push-back wire.

| Stock No. | Cap'y Mfd. | Dimensions L Diam. | List Price | Your Cost Each |
|-----------|------------|--------------------|------------|----------------|
| XD2916 | 1 | 2 1/2" x 1 1/8" | \$0.55 | \$0.33 |
| XD2917 | 2 | 2 3/8" x 1 1/8" | .65 | .39 |
| XD2918 | 4 | 2 3/8" x 1 1/8" | .75 | .45 |
| XD2919 | 6 | 2 3/8" x 1 1/8" | .90 | .54 |
| XD2920 | 8 | 2 3/8" x 1 1/8" | .95 | .57 |
| XD2921 | 4-4 | 2 3/8" x 1 1/8" | 1.20 | .72 |
| XD2922 | 8-8 | 2 3/8" x 1 1/8" | 1.50 | .90 |

Power Factors on ALL Condensers Guaranteed to be under 10%



Oil-Filled By-Pass Condensers For Short Wave Receivers



These special by-pass units are housed in tubular metal cases. Are oil filled and oil impregnated. **Non-inductive.**

Capacities up to .01 mfd. have working voltage of 1500 volts D. C. Capacities from .05 to .1 mfd. have working voltage of 1000 volts D. C. Designed specially for use in high frequency circuits.

| | | |
|----------------|------------|------------|
| XD2945 | -.005 Mfd. | 27° |
| Your Cost Each | | |
| XD2946 | -.002 Mfd. | 27° |
| Your Cost Each | | |
| XD2947 | -.01 Mfd. | 42° |
| Your Cost Each | | |
| XD2948 | -.05 Mfd. | 48° |
| Your Cost Each | | |
| XD2949 | -.1 Mfd. | 54° |
| Your Cost Each | | |

"EC" Condensers and Emergency Kits



These compact high voltage (600-volt peak) dry electrolytics have a guaranteed power factor of less than 10%

| Stock No. | Cap'y Mfd. | Size, In. L W D | Your Cost |
|-----------|------------|---------------------|-----------|
| XD2670 | 1 | 2 1/2 x 1 x 1/2 | \$0.50 |
| XD2671 | 2 | 2 3/8 x 1 x 1/2 | .56 |
| XD2672 | 4 | 2 3/8 x 1 x 1/2 | .68 |
| XD2673 | 6 | 2 3/8 x 1 x 1/2 | .76 |
| XD2674 | 8 | 2 3/8 x 1 1/2 x 1/2 | .79 |

Emergency Kit No. 1 contains two each of the above; Kit 2, one each.

XD2675—
Kit No. 1 **\$6.58**
Your Cost
Kit No. 2 **\$3.36**
Your Cost

Cardboard Type Dry Electrolytics



Mounted in waxed cardboard containers with mounting lugs and have color coded leads for easy identification. Maximum peak surge voltage 600 volts.

| Stock No. | Cap. Mfds. | Size, In. L W T | Your Cost |
|-----------|------------|---------------------|-----------|
| XD2646 | 2 | 2 1/2 x 1 x 1/2 | \$0.57 |
| XD2647 | 4 | 4 1/2 x 1 1/2 x 1/2 | .69 |
| XD2648 | 6 | 4 1/2 x 1 1/2 x 1/2 | .78 |
| XD2649 | 8 | 4 1/2 x 1 1/2 x 1/2 | .79 |
| XD2650 | 2-4 | 4 1/2 x 1 1/2 x 1/2 | .99 |
| XD2651 | 4-4 | 4 1/2 x 1 1/2 x 1/2 | 1.06 |
| XD2652 | 4-6 | 4 1/2 x 1 1/2 x 1/2 | 1.15 |
| XD2653 | 4-8 | 4 1/2 x 1 1/2 x 1/2 | 1.18 |
| XD2654 | 6-6 | 4 1/2 x 1 1/2 x 1/2 | 1.27 |
| XD2655 | 6-8 | 4 1/2 x 1 1/2 x 1/2 | 1.29 |
| XD2656 | 8-8 | 4 1/2 x 1 1/2 x 1/2 | 1.29 |

Tubular Condensers

These cardboard tube condensers are very compact in size and are rated at 600 volts maximum peak surge voltage. Long tinned leads permit easy mounting and connecting. Can be used for both by-pass and filter circuits on A. C. or D. C.



| Stock No. | Cap. Mfds. | Size, In. L D | Ins. | Your Cost |
|-----------|------------|---------------|------|-----------|
| XD2627 | .0001 | 3 1/2 x 1/2 | 15° | |
| XD2628 | .00025 | 3 1/2 x 1/2 | 15° | |
| XD2629 | .0004 | 3 1/2 x 1/2 | 15° | |
| XD2630 | .0005 | 3 1/2 x 1/2 | 15° | |
| XD2631 | .001 | 3 1/2 x 1/2 | 15° | |
| XD2632 | .002 | 1 1/2 x 1/2 | 15° | |
| XD2633 | .003 | 1 1/2 x 1/2 | 15° | |
| XD2634 | .004 | 1 1/2 x 1/2 | 15° | |
| XD2635 | .005 | 1 1/2 x 1/2 | 15° | |
| XD2636 | .006 | 1 1/2 x 1/2 | 15° | |
| XD2637 | .01 | 1 1/2 x 1/2 | 15° | |
| XD2638 | .02 | 1 1/2 x 1/2 | 15° | |
| XD2639 | .05 | 1 1/2 x 1/2 | 15° | |
| XD2640 | .06 | 1 1/2 x 1/2 | 15° | |
| XD2641 | .1 | 1 1/2 x 1/2 | 15° | |
| XD2642 | .25 | 1 1/2 x 1/2 | 15° | |
| XD2643 | .5 | 1 1/2 x 1/2 | 15° | |

Midget Condensers



Extremely compact in size. Tested to withstand 1000 volts.

| Stock No. | Cap. Mfds. | Your Cost |
|-----------|------------|-----------|
| XD2657 | .0001 | 15° |
| XD2658 | .00025 | 15° |
| XD2659 | .0004 | 15° |
| XD2660 | .0005 | 15° |
| XD2661 | .001 | 15° |
| XD2662 | .004 | 15° |
| XD2663 | .005 | 15° |
| XD2664 | .006 | 15° |
| XD2665 | .01 | 15° |
| XD2666 | .02 | 15° |
| XD2667 | .05 | 15° |
| XD2668 | .06 | 15° |
| XD7669 | .1 | 15° |

Low Voltage Tubular Dry Electrolytics



Specially designed 200-volt condensers for use in A. C.-D. C. sets. Compact in size. Free straps supplied (as per illustration) to couple and mount any condenser.

With a small assortment you are equipped to service any set employing low voltage filter units.

| Stock No. | Cap'y Mfds. | Size, In. L D | Your Cost |
|-----------|-------------|---------------|-----------|
| XD3224 | 2 | 1 1/2 x 2 1/2 | \$0.36 |
| XD3225 | 4 | 1 1/2 x 2 1/2 | .42 |
| XD3226 | 8 | 1 1/2 x 2 1/2 | .54 |

GUARANTEE

All Sprague Condensers are fully guaranteed under the standard RMA 90-day warranty against defects.

SOLAR Condensers QUALITY ABOVE ALL!

"Red Star" Low Voltage Electrolytics

For all low voltage filter repairs. These units are smaller, more convenient, more economical, and highly efficient. Take less space than the average midget condenser. All accurately rated. Have long insulated wire leads for connections. Rated working voltage 200 volts D. C.; peak voltage 220 volts D. C.



| Stock No. | Cap'y Mfd. | Dimensions L W D | Your Cost Each |
|-----------|------------|-----------------------|----------------|
| XD2874 | 4 | 2 3/8 x 1 1/4 x 1 1/8 | \$0.39 |
| XD2875 | 6 | 2 3/8 x 1 1/4 x 1 1/8 | .45 |
| XD2876 | 8 | 2 3/8 x 1 1/4 x 1 1/8 | .48 |
| XD2877 | 10 | 2 3/8 x 1 1/4 x 1 1/8 | .54 |
| XD2878 | 12 | 2 3/8 x 1 1/4 x 1 1/8 | .57 |
| XD2879 | 16 | 2 3/8 x 1 1/4 x 1 1/8 | .63 |
| XD2880 | 20 | 2 3/8 x 1 1/4 x 1 1/8 | .72 |
| XD2881 | 25 | 2 3/8 x 1 1/4 x 1 1/8 | .75 |

"White Star" High Voltage Electrolytics 500 Volts Peak

A new line of compact high voltage filter condensers, about half the "standard" size. Built to the highest standards of quality, these units are accurately designed and conservatively rated. Each unit contained in a cardboard container completely filled with wax, and hermetically sealed. Impervious to moisture. Low power and leakage factor insure efficient filtering. All have working voltage of 450 volts D. C.; peak voltage 500 volts D. C.



| Stock No. | Cap'y Mfd. | Dimensions L W D | Your Cost Each |
|-----------|------------|-----------------------|----------------|
| XD2848 | 1 | 2 1/2 x 1 1/2 x 1 1/2 | \$0.33 |
| XD2849 | 2 | 2 1/2 x 1 1/2 x 1 1/2 | .39 |
| XD2870 | 4 | 2 1/2 x 1 1/2 x 1 1/2 | .45 |
| XD2871 | 8 | 2 1/2 x 1 1/2 x 1 1/2 | .57 |
| XD2872 | 4-4 | 2 1/2 x 1 1/2 x 1 1/2 | .72 |
| XD2873 | 8-8 | 2 1/2 x 2 1/2 x 1 1/2 | .90 |

Cardboard Type Dry Electrolytics 500 Volts Peak

A standard line of high voltage filter condensers, in rectangular cardboard cartons. Each unit is wax filled, permanently sealed, hard and firm. Unaffected by even extreme conditions of humidity. Capacity remains constant over a wide range of frequencies, resulting in highly efficient filtering. Can be mounted in any position. Have solder lug terminals. Working voltage 450 volts D. C.; peak 500 volts D. C.



| Stock No. | Cap'y Mfd. | Dimensions L W D | Your Cost Each |
|-----------|------------|-----------------------|----------------|
| XD2843 | 2 | 2 3/8 x 1 1/4 x 1 1/8 | \$0.39 |
| XD2844 | 4 | 4 1/4 x 1 1/4 x 1 1/8 | .45 |
| XD2845 | 8 | 4 1/4 x 1 1/4 x 1 1/8 | .57 |
| XD2846 | 4-4 | 4 3/8 x 1 3/8 x 1 1/4 | .72 |
| XD2847 | 8-8 | 4 3/8 x 1 3/8 x 1 1/4 | .90 |

★ Star Emergency Kits White Star Kit

A convenient selection of capacities which can be used singly or in multiple to secure practically any required capacity. Contains 10 units: two each of 1, 2, 4, 6 and 8 mfd. Units described above. Shpg. wt. 2 lbs.



XD2837—Your Cost, Complete Kit **\$4.56**

Red Star Kit

Contains 15 "Red Star" midget condensers as described above. All have 220 volt peak. Contains 4-4 mfd.; 1-6 mfd.; 4-8 mfd.; 1-10 mfd.; 1-12 mfd.; 2-16 mfd.; 1-20 mfd.; 1-25 mfd. Shpg. wt. 2 lbs.

XD2838—Your Cost, Complete Kit **\$7.77**

Mica Condensers

| Stock No. | Capacity | Your Cost |
|-----------|----------|------------|
| XD3454 | .0002 | 9¢ |
| XD3455 | .00025 | |
| XD3458 | .0005 | |
| XD3463 | .001 | |
| XD3465 | .002 | 18¢ |
| XD3467 | .003 | |
| XD3468 | .004 | |
| XD3469 | .005 | |
| XD3470 | .006 | 22 |
| XD3474 | .01 | |

| Stock No. | Cap'y | Your Cost |
|-----------|--------|-----------|
| XD3450 | .00005 | \$0.10 |
| XD3452 | .0001 | .09 |

Postage Stamp Condensers

| Leads Stock No. | Lugs Stock No. | Cap'y | Your Cost |
|-----------------|----------------|--------|-----------|
| XD3403 | XD3429 | .00005 | 9¢ |
| XD3405 | XD3431 | .0001 | |
| XD3407 | XD3433 | .0002 | |
| XD3408 | XD3434 | .00025 | |
| XD3409 | XD3435 | .0003 | |
| XD3410 | XD3436 | .0004 | |
| XD3411 | XD3437 | .0005 | |
| XD3416 | XD3442 | .001 | |
| XD3418 | XD3444 | .002 | |
| XD3419 | XD3445 | .0025 | |
| | | .10 | |
| | | .12 | |
| | | .15 | |

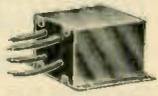
Amplex Capacity Indicator



A practical yet inexpensive test instrument which checks capacities from .0001 to 12 Microfarads in two separate ranges. By-pass condensers from .0001 to 1 Mfd. are checked on one range; filter condensers from 2 to 12 Mfd. are checked on the other range. Two bi-polar switches of the positive contact, self-cleaning type are used to select the desired ranges. 600

volt peak condensers used throughout assure a lasting unit. Instrument serves three purposes: it checks open condensers; it indicates shorted condensers; it indicates the proper sized condenser to be used in any circuit for proper performance. All scales are etched on front panel in white. Two analyzer type pointer knobs are used to select switch ranges. Tip jacks, marked for easy identification, are mounted on front panel. Comes complete with full instructions and a pair of test leads. Entire assembly is housed in a fine black bakelite case measuring 7" long, 4 1/2" wide and 1 1/2" deep. Compact enough to slip into your coat pocket. Shipping weight 5 lbs.
XJ10452—Your Cost **\$7.50**

SPARTON By-Pass Condenser Models 9A, 410 and 420



An exact duplicate replacement for the original Sparton Part No. A6456. Contains four sections, .3 mfd. each. Guaranteed to be equal to or not superior to the original. Shpg. wt. 8 oz.
XB548—Your Cost Each **24¢**

RCA By-Pass Condensers



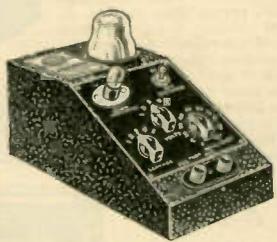
Midget units, in metal cases, provided with ribbon leads. May be used in any receiver as oscillator grid condensers, padders, etc. Part No. 2269 is used in RCA Models 21, 22, 60, 62, 64, 28, 28P, 37, 38, RE40P, 120, 330 and 331. Part No. 2734 is used in Models 80, 82, 86, R7, 8, 9, 10, 11, RE18, RAE26, RAE68, R21, 74, 76, 77, 110, 111, 115, 210 and 310.
XB539—Part No. 2269. 720 Mmf. **18¢**
XB540—Part No. 2734. 745 Mmf. **18¢**
Your Cost, Either Type

EVEREADY 50 By-Pass

Exact duplicate of the original Eveready Part No. 2822. Contains three .5 mfd. 400 volt condensers. Can negative. Can be used as a general replacement part. Shpg. wt. 1 lb.
XB541—Your Cost. **75¢**



TOBE Condenser Analyzer



Tests paper, mica, and oil dielectric condensers by the method of measuring the D. C. resistance under an applied voltage. The resultant minute leakage current is indicated by means of a special Neon Glow Tube Indicator. Three simply operated controls adjust the circuit for the allowable electrical characteristics of the condenser under test. Checks opens, shorts, leakages, and intermittent condensers. Unit contains built-in power supply for operation on 110 volts D. C., available at terminals. An '01A tube is used for the rectifier. In heavy metal case 3 3/4 x 4 1/2 x 7 1/2". Case is finished in durable black lacquer for protection against rust. All switches, binding posts, etc., are clearly labeled on the etched front panel. Shpg. wt. 8 lbs.
XJ10465—Tobe Condenser Analyzer, with Neon Tube but less '01A Tube. Your Cost **\$11.40**

MALLORY ELKON

ABSOLUTELY DRY ELECTROLYTIC CONDENSERS



Cardboard Container Single and Dual Sections

The cardboard box type of dry electrolytic condenser offers the maximum mfd. capacity combined with minimum size and weight. It is also the most economical in cost and lends itself most readily to any position of mounting. Ideal for replacing blown paper condensers by simply slipping in to the original containers. D.C. Working Voltage -450; Maximum Surge Voltage 500. 4 1/4 x 1 1/2". Shpg. wt. 1 lb.

| Stock No. | Cap'y Mfd. | Dimension Thickness | Your Cost |
|-----------|------------|---------------------|-----------|
| XD2775 | 2 | 1 1/4" | \$0.39 |
| XD2776 | 4 | 1 1/4" | .45 |
| XD2777 | 6 | 1 1/4" | .54 |
| XD2778 | 8 | 1 1/4" | .57 |
| XD2779 | 4-4 | 1 1/4" | .81 |
| XD2780 | 4-8 | 1 3/4" | .87 |
| XD2782 | 6-8 | 2" | .87 |
| XD2783 | 8-8 | 2" | .90 |

Tubular Cartridge Dry Electrolytic

Tubular dry electrolytics completely sealed by special metal caps in each end and impregnated with special insulating wax, insuring long and satisfactory life. Are 2 3/4" long; diameter given below. Shpg. wt. 1 lb.



| Stock No. | Cap'y Mfd. | D.C. Work Volts | Diameter | Your Cost |
|-----------|------------|-----------------|----------|-----------|
| XD2786 | 1.0 | 450 | 1 1/4" | \$0.33 |
| XD2787 | 2.0 | 450 | 1 1/4" | .39 |
| XD2784 | 8.0 | 150 | 1" | .45 |
| XD2788 | 5.0 | 100 | 7/8" | .33 |
| XD2797 | 50.0 | 100 | 1 1/8" | .90 |
| XD2789 | 10.0 | 50 | 7/8" | .39 |
| XD2790 | 5.0 | 25 | 5/8" | .30 |
| XD2791 | 10.0 | 25 | 5/8" | .30 |
| XD2792 | 10.0 | 100 | 1 1/8" | .42 |
| XD2793 | 25.0 | 100 | 1 1/4" | .57 |

Single, Dual & Multiple Sections

Upright Metal Can Type



Furnished in round aluminum cans with solder lug terminals. All negative terminals are grounded to the container. Can be mounted in any position. Working voltage 450 V. D.C.; peak 500 V. All 4 1/2" high. Average shpg. wt. 2 lbs.



| Stock No. | Cap'y Mfd. | Diam. In. | Your Cost Each |
|-----------|------------|-----------|----------------|
| XD3031 | 2 | 1" | \$0.45 |
| XD2750 | 4 | 1" | .51 |
| XD2752 | 8 | 1 3/8" | .63 |
| XD2753 | 10 | 1 3/8" | .75 |
| XD2754 | 12 | 1 3/8" | .84 |

Dual and Multiple Units

| | | | |
|--------|-----------|--------|------|
| XD2799 | 5-15 | 2 1/2" | 1.38 |
| XD3032 | 4-4 | 1 3/8" | .78 |
| XD3033 | 8-8 | 1 3/8" | .96 |
| XD2755 | 8-8-8 | 1 3/8" | 1.62 |
| XD3034 | 4-4-4 | 1 1/4" | 1.14 |
| XD2795 | 8-8-16 | 2 1/2" | 1.92 |
| XD2756 | 9-9-18 | 2 1/2" | 2.25 |
| XD2757 | 8-8-8-8 | 2" | 2.16 |
| XD2759 | 9-9-18-18 | 2 1/2" | 3.15 |

Inverted Can Type

Similar to the above, but for stud mounting. Provided with lock-washer and nut. Can negative. All 4 3/8" high.

| Stock No. | Cap'y Mfd. | Your Cost | Stock No. | Cap'y Mfd. | Your Cost |
|-----------|------------|-----------|-----------|------------|-----------|
| XD2736 | 4 | \$0.51 | XD2740 | 12 | \$0.84 |
| XD2737 | 6 | .60 | XD2741 | 4-4 | .78 |
| XD2738 | 8 | .63 | XD2742 | 4-8 | .87 |
| XD2739 | 10 | .75 | XD2743 | 6-6 | .90 |

Rectangular Metal Can Type Single and Dual Sections

These single and dual section electrolytic condensers are housed in rectangular metal cans with mounting flanges. The ease and rapidity with which they can be installed makes them preferred by servicemen. Have solder lug terminals, all sections insulated from the can. Working voltage 450 volts D.C.; Peak 500 volts. All containers 4 1/2" high. Terminals marked for ease of identification. Shpg. wt. 3 lbs.



| Stock No. | Cap'y Mfd. | Dimensions Wide Thick | Your Cost |
|-----------|------------|-----------------------|-----------|
| XD2882 | 4 | 3 1/2" 1 1/2" | \$0.51 |
| XD2883 | 8 | 1" 1 1/2" | .63 |
| XD2884 | 4-4 | 1 1/2" 1 1/2" | .87 |
| XD2761 | 4-8 | 1 3/8" 1 1/2" | .99 |
| XD2763 | 4-4-4 | 2 1/4" 1 1/2" | 1.29 |
| XD2765 | 8-8-8 | 2 3/4" 1 1/2" | 1.62 |

Cardboard By-pass

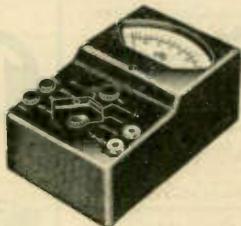


The cardboard By-pass type is to provide the serviceman with a dry electrolytic condenser smaller in size than the paper condensers originally used. High capacity units ideally suited for by-passing cathode circuits. Size 2 3/4 x 1 1/8". Shpg. wt. 1 lb.

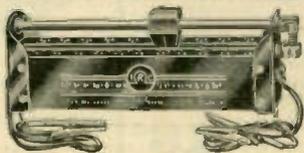
| Stock No. | Cap'y Mfd. | D.C. Work Volts | Your Cost |
|-----------|------------|-----------------|-----------|
| XD2766 | .25 | 450 | \$0.30 |
| XD2767 | .50 | 450 | .33 |
| XD2781 | .75 | 450 | .33 |
| XD2768 | 1.0 | 450 | .33 |
| XD2769 | 2.0 | 450 | .39 |
| XD2770 | 4.0 | 200 | .39 |
| XD2771 | 10.0 | 100 | .42 |
| XD2772 | 25.0 | 50 | .48 |
| XD2773 | 10.0 | 25 | .30 |
| XD2774 | 25.0 | 25 | .39 |
| XD2798 | 50.0 | 25 | .57 |

IRC Vacuum Relay Protected Volt-Ohmmeter

An extremely accurate Volt-Ohmmeter incorporating a vacuum relay which prevents burnouts due to accidental contacts. Relay automatically opens circuit when meter is overloaded, and immediately closes when overload is removed. Unlike a fuse, it does not require replacement. Uses Westinghouse 0-1 mill. meter with ranges of: #3-30-300-600 volts; 0-1000-100,000 ohms with self contained battery (to 1 meg. with external battery). Rotary selector switch is used to govern range desired. Case is of moulded bakelite 7" long, 3" deep and 4" wide. IRC precision 1% resistors used throughout. Complete with test leads and 4 1/2 volt battery. Shpg. wt. 3 lbs. List \$42.50
XJ10455—Your Cost. \$24.99



NEW! IRC Fused Dual Resistor Indicator

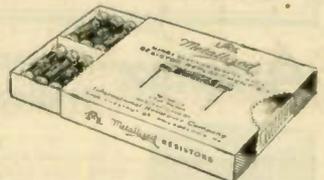


A compact indicator having a range covering from 100 to 100,000 ohms. Two scales used: low scale from 100 to 10,000 ohms, high scale from 10,000 to 100,000 ohms. Winding protected from accidental overloads and consequent burnouts by a Littelfuse mounted on the assembly. Contact is made, at a constant even pressure, by a ball-bearing slider. Scales quickly selected by flipping contact knob from one side to the other. Comes complete with new type narrow-jaw alligator test leads. Size 7x1 1/2 x 2 3/4". Shpg. wt. 2 lbs. List \$4.50
**XE5295—Fused Dual Resistor Indicator
Your Cost. \$2.70**

IRC Metallized Resistor Kits

Certified Kit No. 1

The original I.R.C. Kit that proved so popular with Service Men. Contains twenty 1 watt Metallized Units ranging from 500 ohms to 3 megohms. The certified seal insures factory guarantee and factory-tested units. Shpg. wt. 2 lbs.
**XE5272—List \$4.00
Your Cost. \$2.40**



Certified Kit No. 2

Contains an assortment of twenty type F-2. Two Watt Resistors. Made for Service Men requiring units of higher wattage. Values range from 500 ohms to 1/2 meg-ohm. Factory sealed, factory tested and factory guaranteed. Shpg. wt. 3 lbs.
**XE5273—List \$6.00
Your Cost. \$3.60**

Certified Kit No. 3

Midget receivers have brought into existence midget resistors. Kit consists of the most popular values used by radio set manufacturers. Kit contains 20 Type F-1/2 (1/2 watt) resistors from 50 ohms to 3 megohms. Shpg. wt. 3 lbs.
**XE5268—List \$4.00
Your Cost. \$2.40**

NEW! Handy Grid-Bias Kit

10 assorted resistors of F-1, F-2 and Power Wire Wound (5 watt) types required to bias the following tubes: 24, 26, 27, 71A, 10, 46, 50, 47, etc. Can also be used as grid-suppressors. Complete information on the proper biasing of radio tubes, together with wiring diagrams, with each kit. Shpg. wt. 2 lbs.
**XE5274—List \$2.60
Your Cost. \$1.56**

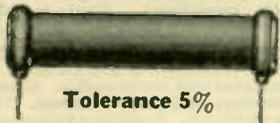
Be Safe Buy

IRC

Metallized Resistors

IRC

Power Wire Wound Resistors



Tolerance 5%

Power Wire Wound Resistors continue their leadership with these new high wattage units. They are small in size, conservatively rated (at 250° C.) and moderate in price. All machine-wound on non-hygroscopic cores. Have molded end contacts. Select desired size from listing. Prices of various types given in columns below.

| Ohms | Ohms | Ohms | Ohms |
|------|------|-------|--------|
| 1 | 500 | 4000 | 15000 |
| 5 | 750 | 4500 | 20000 |
| 10 | 1000 | 5000 | 25000 |
| 25 | 1250 | 6000 | 30000 |
| 50 | 1500 | 7000 | 35000 |
| 75 | 2000 | 7200 | 40000 |
| 100 | 2250 | 7500 | 50000 |
| 150 | 2500 | 10000 | 60000 |
| 200 | 3000 | 12000 | 75000 |
| 250 | 3500 | 12500 | 100000 |

Type "PB"

10-Watt Rating (Max.)

1 1/4" long by 1/4" diameter. Range up to 25,000 ohms (see list).

XE5210—List \$0.35
Your Cost Each 21¢

Type "PC"

20-Watt Rating (Max.)

2" long by 1/4" diam. Range up to 50,000 ohms (see list).

| No. | From | To | Each |
|---------------|--------|--------|--------|
| XE5211 | 1 | 9000 | \$0.30 |
| XE5212 | 10,000 | 50,000 | .39 |

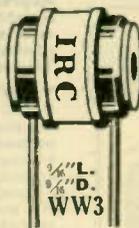
Type "PD"

30-Watt Rating (Max.)

3" long by 1/4" diam. Range up to 100,000 ohms (see list).

| Stock No. | Range From | Ohms To | Cost Each |
|---------------|------------|---------|-----------|
| XE5213 | 1 | 4,500 | \$0.39 |
| XE5214 | 5,000 | 15,000 | .45 |
| XE5215 | 20,000 | 75,000 | .51 |
| XE5216 | 100,000 | | .60 |

Precision Wire Wound Resistors



2 1/2" L. x 1/8" D.

WW1

Guaranteed Accuracy

1%

WW1



Spool Construction

| Stock No. | Res. Ohms | Cur. M.A. | Your Cost | Stock No. | Res. Ohms | Cur. M.A. | Your Cost |
|---------------|-----------|-----------|-----------|---------------|------------|-----------|-----------|
| XE5150 | 1 | 1,000 | | XE5148 | 15,000 | 8.15 | |
| XE5151 | 2 | 707 | | XE5171 | 20,000 | 7.05 | |
| XE5152 | 3 | 577 | | XE5149 | 22,500 | 6.64 | |
| XE5153 | 4 | 500 | | XE5172 | 25,000 | 6.32 | |
| XE5154 | 5 | 448 | | XE5173 | 30,000 | 5.75 | 98¢ |
| XE5155 | 6 | 407 | | XE5174 | 35,000 | 5.35 | |
| XE5156 | 7 | 377 | | XE5175 | 40,000 | 5.00 | |
| XE5157 | 8 | 353 | | XE5176 | 50,000 | 4.47 | |
| XE5158 | 9 | 333 | | XE5177 | 60,000 | 4.08 | 1.14 |
| XE5159 | 10 | 316 | | XE5178 | 75,000 | 3.64 | |
| XE5160 | 25 | 200 | | XE5189 | 80,000 | 3.53 | 1.30 |
| XE5161 | 50 | 141 | 81¢ | XE5179 | 100,000 | 3.16 | |
| XE5162 | 100 | 100 | | XE5180 | 125,000 | 2.82 | 1.46 |
| XE5163 | 150 | 81 | | XE5181 | 150,000 | 2.58 | |
| XE5164 | 200 | 71 | | XE5182 | 175,000 | 2.46 | 1.63 |
| XE5165 | 500 | 44.6 | | XE5183 | 200,000 | 2.23 | |
| XE5166 | 1,000 | 31.6 | | XE5184 | 225,000 | 2.11 | 1.79 |
| XE5143 | 1,500 | 25.7 | | XE5185 | 250,000 | 2.00 | |
| XE5144 | 2,000 | 22.4 | | XE5190 | 275,000 | 1.90 | 1.95 |
| XE5167 | 2,500 | 20.0 | | XE5186 | 300,000 | 1.83 | |
| XE5145 | 3,000 | 18.2 | | XE5191 | 350,000 | 1.69 | 2.28 |
| XE5168 | 5,000 | 14.1 | | XE5187 | 400,000 | 1.58 | |
| XE5146 | 7,000 | 11.8 | | XE5192 | 450,000 | 1.49 | 2.60 |
| XE5147 | 7,500 | 11.4 | 88¢ | XE5188 | 500,000 | 1.41 | |
| XE5169 | 10,000 | 10.0 | | XE5193 | 750,000 | 1.11 | 2.93 |
| XE5170 | 12,500 | 8.7 | | XE5194 | 1 Meg. | 1.00 | 3.25 |
| | | | | XE5195 | 1 1/2 Meg. | .89 | 4.88 |

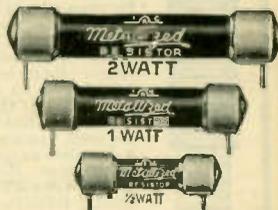
WW3

| Stock No. | Res. Ohms | Your Cost | Stock No. | Res. Ohms | Your Cost | Stock No. | Res. Ohms | Your Cost |
|---------------|-----------|-----------|---------------|-----------|-----------|---------------|-----------|-----------|
| XE5125 | 200 | | XE5131 | 10,000 | 72¢ | XE5137 | 35,000 | 91¢ |
| XE5126 | 300 | | XE5132 | 12,500 | | XE5138 | 40,000 | |
| XE5124 | 500 | 59¢ | XE5133 | 15,000 | | XE5139 | 50,000 | |
| XE5127 | 1,000 | | XE5134 | 20,000 | 81¢ | XE5140 | 60,000 | 1.04 |
| XE5128 | 2,500 | | XE5135 | 25,000 | | XE5141 | 75,000 | |
| XE5129 | 5,000 | | XE5136 | 30,000 | | XE5142 | 100,000 | 1.20 |
| XE5130 | 7,500 | .72 | | | | | | |

IRC

Metallized

Replacement Resistors



We stock IRC metallized Type F-1/2 (1/2-watt), Type F-1 (1-watt), and Type F-2 (2-watt) in the following ohmage. Only the 1-watt resistors, however, are available in ohmage above 5 megohms. Select resistors wanted from this list, specify resistance value and quote stock number shown opposite each type below.

| Ohms | Ohms | Ohms | Megohms |
|------|-------|---------|---------|
| 100 | 6000 | 50000 | 2 |
| 250 | 7000 | 75000 | 2 1/2 |
| 500 | 8000 | 100000 | 3 |
| 1000 | 9000 | 150000 | 3 1/2 |
| 1500 | 10000 | 200000 | 4 |
| 2000 | 12500 | 250000 | 5 |
| 2250 | 15000 | 300000 | *6 |
| 2500 | 17500 | 400000 | *7 |
| 3000 | 20000 | Megohms | *8 |
| 3500 | 25000 | | *9 |
| 4000 | 30000 | 1 | *10 |
| 5000 | 40000 | 1 1/2 | |

*A available in 1-watt type only.

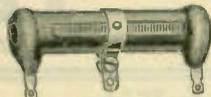
XE5250—Type F-1/2 (1/2 watt). 1 1/2" long. Pigtail type. List 20c
Your Cost Each 12¢

XE5251—Type F-1 (1 watt). 1 3/4" long. Pigtail type. List 20c
Your Cost Each 12¢

XE5252—Type F-2 (2 watt). 1 3/4" long. Pigtail type. List 30c
Your Cost Each 18¢

Cement Coated Adjustable Resistors

100 Watt Size [Max.]



Combining all the adjustable features with the standard I.R.C. power wire-wound quality, these units are ideal for service and amateur radio requirements. By moving the metal contact band along

the exposed track of resistance wire, practically any desired resistance up to the maximum value of the resistor may be obtained and proper voltages determined experimentally. May be used as bleeders across amateur power supplies, as grid leaks, or anywhere a quality resistor of these ratings is required. By use of more than one contact band, units can be used as multi-section voltage dividers. **Come complete with one slider and mounting brackets. Size 6 1/2" x 1 1/4".**

100-Watt Resistors (Max.)

| Stock No. | Res. Ohms | Cur. M.A. | Your Cost | Stock No. | Res. Ohms | Cur. M.A. | Your Cost |
|---------------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|
| XE5104 | 100 | 1,000 | | XE5114 | 7,500 | 115 | \$1.20 |
| XE5105 | 200 | 815 | \$1.08 | XE5115 | 10,000 | 100 | 1.35 |
| XE5106 | 400 | 500 | | XE5116 | 15,000 | 80 | 1.41 |
| XE5107 | 500 | 447 | | XE5117 | 20,000 | 70 | |
| XE5108 | 750 | 365 | | XE5118 | 25,000 | 63 | 1.50 |
| XE5109 | 1,000 | 315 | | XE5119 | 50,000 | 44 | 1.59 |
| XE5110 | 1,500 | 250 | 1.14 | XE5120 | 75,000 | 36 | 1.71 |
| XE5111 | 2,000 | 220 | | XE5121 | 100,000 | 31 | |
| XE5112 | 2,500 | 200 | | XE5122 | 125,000 | 28 | 1.77 |
| XE5113 | 5,000 | 140 | | XE5123 | 150,000 | 25 | |

Extra Band Sliders. **Your Cost Each \$0.12**

Heavy Duty Transmitting Resistors

100 Watt Size [Max.]



These sturdy, high wattage resistors, designed for amateur transmitting, experimental, broadcasting and industrial use, meet the demand for units able to dissipate large amounts of power. Accurately wound on non-hygroscopic ceramic bases and protected by the new I.R.C. cement coating. All ratings based on NEMA standards. Units provided with solder lug terminals. Other features include: Low co-efficient of resistance; high resistance to oxidation; rapid heat dissipation; permanent resistance value. **Come complete with mounting brackets. Tolerance plus or minus 5%. Size 6 1/4" long, 1 1/8" diameter.**

100-Watt Resistors (Max.)

| Stock No. | Res. Ohms | Cur. M.A. | Your Cost | Stock No. | Res. Ohms | Cur. M.A. | Your Cost |
|---------------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|
| XE5217 | 100 | 1,000 | | XE5228 | 5,000 | 140 | \$0.78 |
| XE5218 | 250 | 632 | | XE5229 | 7,500 | 115 | |
| XE5219 | 400 | 500 | | XE5230 | 10,000 | 100 | 84¢ |
| XE5220 | 500 | 447 | | XE5231 | 15,000 | 80 | |
| XE5221 | 750 | 365 | 72¢ | XE5232 | 20,000 | 70 | 90¢ |
| XE5222 | 1,000 | 315 | | XE5233 | 25,000 | 63 | |
| XE5223 | 1,250 | 280 | | XE5234 | 50,000 | 44 | 1.02 |
| XE5224 | 1,500 | 220 | | XE5235 | 75,000 | 36 | 1.20 |
| XE5225 | 2,000 | 220 | | XE5236 | 100,000 | 31 | 1.38 |
| XE5226 | 2,500 | 200 | | XE5237 | 125,000 | 28 | 1.50 |
| XE5227 | 4,000 | 155 | | XE5238 | 150,000 | 25 | 1.65 |

Replacement Part Headquarters for Dealers and Service Men

Trutest Carbon Resistors

GENERAL REPLACEMENT RESISTORS

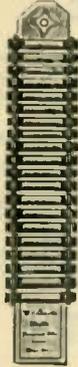
Represent years of research to develop a resistor that is absolutely moisture proof and will stay permanent regardless of atmospheric conditions. That is why Trutest Resistors are best.

TRUTEST RESISTORS are R. M. A. Color Coded for easy identification and are made of the finest material and workmanship. **Guaranteed accuracy, 10% plus or minus.** The average are within 5%. Resistance values read approximately the same at any normal voltage—most important for resistance service work. No moisture can possibly penetrate, so age cannot change the resistance value. Great mechanical strength eliminates any chance of accidental breakage.

PRECISION MANUFACTURING—Carefully calibrated resistance material is moulded in a solid form and fired at a high temperature so that no ordinary service or overload temperature can damage the resistor. Tinned wire leads are forced onto the caps under great pressure to insure a perfect, noiseless connection.

Handy Resistance Kits With R.M.A. Color Coded Resistors

These kits are just the thing for shop or tool kit. They consist of a selection of TRUTEST R. M. A. Color Coded Resistors, neatly mounted on a pair of strips. Have hole at one end for hanging on a nail or hook. By reutilizing them from our regular Trutest stock as they are used, you are equipped with a complete range of resistances at all times. R. M. A. COLOR CODE CHART SENT WITH EACH STRIP.



1/2-Watt Kits

Two Strips [20 Resistors to a kit]

XE4435—One each of the following resistances (20 in all) 200, 400, 500, 600, 700, 800, 1250, 1500, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 7500, 8000, 10000, 12500 and 15000 ohms.

XE4436—One each of the following resistances (20 in all), 17500, 20000, 25000, 30000, 40000, 50000, 60000, 70000, 75000, 100000, 125000, 150000, 200000, 250000, 300000, 500000, 1 Meg., 1 1/2 Meg., 2 Meg., 2 1/2 Meg.

1-Watt Kits

Two Strips [20 Resistors to a kit]

XE4430—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, 15000, 17500, 20000, 25000 ohms.

XE4431—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 Meg.

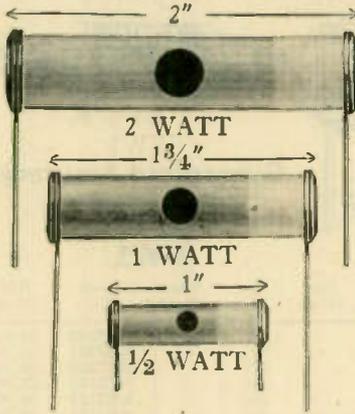
2-Watt Kits

Two Strips [12 Resistors to a kit]

XE4443—One each of the following resistances (12 in all), 200, 500, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 ohms.

XE4444—One each of the following resistances (12 in all), 15000, 20000, 25000, 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000 ohms.

Any above kit, **Your Cost Each..... \$1.30**



| Resistance Ohms | 1/2-Watt Stock No. | 1-Watt Stock No. | 2-Watt Stock No. |
|-----------------|--------------------|------------------|------------------|
| 200 | XE4250 | XE4300 | XE4450 |
| 300 | XE4245 | XE4348 | — |
| 400 | XE4251 | XE4361 | XE4451 |
| 500 | XE4252 | XE4302 | XE4452 |
| 600 | XE4253 | XE4303 | XE4453 |

| | | | |
|------|--------|--------|--------|
| 700 | XE4254 | XE4304 | XE4454 |
| 800 | XE4255 | XE4305 | XE4455 |
| 1000 | XE4256 | XE4306 | XE4456 |
| 1250 | XE4257 | XE4307 | XE4457 |
| 1500 | XE4258 | XE4308 | XE4458 |

| | | | |
|------|--------|--------|--------|
| 2000 | XE4259 | XE4309 | XE4459 |
| 2500 | XE4260 | XE4310 | XE4460 |
| 3000 | XE4261 | XE4311 | XE4461 |
| 3500 | XE4262 | XE4312 | XE4462 |
| 4000 | XE4263 | XE4313 | XE4463 |

| | | | |
|------|--------|--------|--------|
| 5000 | XE4264 | XE4314 | XE4464 |
| 6000 | XE4265 | XE4315 | XE4465 |
| 7000 | XE4266 | XE4316 | XE4466 |
| 7500 | XE4267 | XE4317 | XE4467 |
| 8000 | XE4268 | XE4318 | XE4468 |

| | | | |
|-------|--------|--------|--------|
| 9000 | XE4269 | XE4319 | XE4469 |
| 10000 | XE4270 | XE4320 | XE4470 |
| 12000 | XE4271 | XE4321 | XE4471 |
| 15000 | XE4272 | XE4322 | XE4472 |
| 17000 | — | — | — |

| Resistance Ohms | 1/2-Watt Stock No. | 1-Watt Stock No. | 2-Watt Stock No. |
|-----------------|--------------------|------------------|------------------|
| 20000 | XE4273 | XE4323 | XE4473 |
| 25000 | XE4274 | XE4324 | XE4474 |
| 30000 | XE4275 | XE4325 | XE4475 |
| 40000 | XE4276 | XE4326 | XE4476 |
| 50000 | XE4277 | XE4327 | XE4477 |

| | | | |
|--------|--------|--------|--------|
| 60000 | XE4278 | XE4328 | XE4478 |
| 70000 | XE4279 | XE4329 | XE4479 |
| 75000 | XE4280 | XE4330 | XE4480 |
| 100000 | XE4281 | XE4331 | XE4481 |
| 125000 | XE4282 | XE4332 | XE4482 |

| | | | |
|--------|--------|--------|--------|
| 150000 | XE4283 | XE4333 | XE4483 |
| 200000 | XE4284 | XE4334 | XE4484 |
| 250000 | XE4285 | XE4335 | XE4485 |
| 300000 | XE4286 | XE4336 | XE4486 |
| 400000 | XE4287 | XE4337 | — |
| 500000 | XE4287 | XE4337 | XE4487 |

| Megohms | 1-Watt Stock No. | 2-Watt Stock No. |
|---------|------------------|------------------|
| 1 | XE4288 | XE4338 |
| 1.5 | XE4248 | XE4351 |
| 2 | XE4289 | XE4339 |
| 2.5 | XE4249 | XE4352 |
| 3 | XE4290 | XE4340 |
| 4 | XE4291 | XE4341 |
| 5 | XE4292 | XE4342 |
| 6 | XE4293 | XE4343 |
| 7 | XE4294 | XE4344 |
| 8 | XE4295 | XE4345 |
| 9 | XE4296 | XE4346 |
| 10 | XE4297 | XE4347 |

| 1/2-Watt, 1-Watt Your Cost Each..... | 7¢ |
|--------------------------------------|--------------------|
| Per Dozen 75c | Per Hundred \$5.90 |

| 2-Watt Your Cost Each..... | 12¢ |
|----------------------------|---------------|
| Per Dozen \$1.25 | 50 For \$5.25 |

FREE WITH EACH PURCHASE OF 3 OR MORE Trutest RESISTORS, A SERVICEABLE POCKET SIZE R.M.A. COLOR CODE CHART

\$1.98

Net



R. M. A. Color Coded Resistors in Sturdy Metal Box with Hinged Cover

Free! Color Code Chart

Trutest Carbon Resistor Kits For the Serviceman's Tool Kit or Workbench

Twenty-five Certified Trutest R. M. A. color coded 1-watt resistors in a neat and durable finished metal case measuring 4 1/4 x 6 1/4 x 7/8 deep. The handiest arrangement ever devised for the serviceman. Over a thousand ranges possible by different combinations of these units. Kit contains one each of the following high grade resistors:

| Ohms | Ohms | Ohms | Ohms | Ohms |
|------|------|-------|-------|--------|
| 200 | 1000 | 10000 | 30000 | 100000 |
| 400 | 2000 | 12500 | 40000 | 250000 |
| 500 | 3000 | 15000 | 50000 | 500000 |
| 700 | 4000 | 20000 | 60000 | 1 Meg. |
| 800 | 6000 | 35000 | 75000 | 2 Meg. |

XE4432—Shpg. wt. 1 1/4 lbs. **\$1.98**
Your Cost per Kit.....

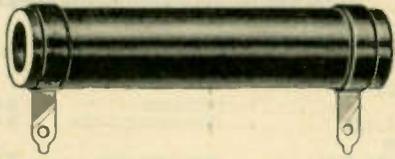
Forty-eight Certified Trutest R. M. A. color coded resistors of the most popular sizes in a substantial metal case. Size 10 1/4 x 4 1/4 x 3/4 deep. Contains one each of the following high grade resistors:

| Ohms | Ohms | Ohms | Ohms |
|---------|----------|-----------|---------------|
| 1- 200 | 1- 3000 | 1- 20000 | 1- 125000 |
| 2- 400 | 2- 4000 | 2- 25000 | 1- 250000 |
| 2- 500 | 2- 5000 | 1- 30000 | 2- 500000 |
| 1- 600 | 1- 6000 | 1- 40000 | 1- 750000 |
| 1- 800 | 1- 8000 | 2- 50000 | 2- 1 Meg. |
| 2- 1000 | 2- 10000 | 1- 60000 | 1- 1 1/2 Meg. |
| 1- 1500 | 1- 12500 | 1- 75000 | 2- 2 Meg. |
| 2- 2000 | 1- 17500 | 3- 100000 | 1- 3 Meg. |
| 1- 2500 | 1- 15000 | — | — |

XE4433—Shipping weight 2 1/2 lbs. **\$3.48**
Your Cost per Kit.....

Trutest Vitreous Enamel RESISTORS

Trutest VITREOUS-ENAMELED FIXED RESISTORS

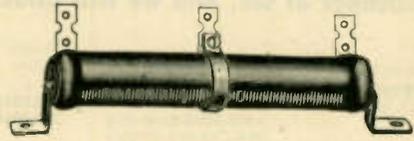


All resistances are guaranteed to be within plus or minus 10% of their rated value, most are within 5%.

| 1/2"x1 3/4" Isolantite Tube 10-Watt Rating | | | | 1/2"x2" Isolantite Tube, 20-Watt Rating | | | |
|---|------------|-------|-------|--|------------|-------|-------|
| Stock No. | Milli-Ohms | amps. | Volts | Stock No. | Milli-Ohms | amps. | Volts |
| XE4850 | 1 | 3150 | 3 | XE4910 | 25 | 895 | 22 |
| XE4851 | 2 | 2200 | 4.5 | XE4911 | 50 | 633 | 32 |
| XE4854 | 5 | 1400 | 7 | XE4912 | 75 | 517 | 38 |
| XE4856 | 10 | 1000 | 10 | XE4913 | 100 | 447 | 44 |
| XE4858 | 15 | 800 | 12 | XE4915 | 200 | 316 | 63 |
| XE4859 | 20 | 700 | 14 | XE4916 | 250 | 282 | 70 |
| XE4860 | 25 | 630 | 16 | XE4917 | 300 | 258 | 77 |
| XE4861 | 30 | 570 | 17 | XE4919 | 400 | 224 | 90 |
| XE4863 | 40 | 500 | 20 | XE4920 | 500 | 200 | 100 |
| XE4864 | 50 | 450 | 22 | XE4923 | 750 | 163 | 122 |
| XE4866 | 100 | 315 | 31 | XE4925 | 850 | 153 | 130 |
| XE4868 | 150 | 260 | 39 | XE4926 | 1000 | 141 | 141 |
| XE4869 | 200 | 220 | 45 | XE4929 | 1250 | 126 | 157 |
| XE4870 | 250 | 200 | 50 | XE4930 | 1500 | 115 | 173 |
| XE4872 | 400 | 158 | 63 | XE4933 | 2000 | 100 | 200 |
| XE4873 | 500 | 141 | 70 | XE4934 | 2250 | 94 | 211 |
| XE4875 | 750 | 115 | 85 | XE4936 | 2500 | 89 | 222 |
| XE4876 | 1000 | 100 | 100 | XE4935 | 2400 | 91 | 218 |
| XE4878 | 1500 | 81 | 122 | XE4936 | 2500 | 89 | 222 |
| XE4879 | 2000 | 70 | 141 | XE4938 | 3000 | 81 | 240 |
| XE4880 | 2500 | 63 | 158 | XE4940 | 4000 | 71 | 284 |
| XE4881 | 3000 | 56 | 173 | XE4942 | 5000 | 63 | 315 |
| XE4883 | 5000 | 45 | 222 | XE4943 | 6000 | 57 | 342 |
| XE4884 | 10000 | 31 | 316 | XE4946 | 8000 | 50 | 400 |
| XE4888 | 15000 | 26 | 388 | XE4947 | 10000 | 44 | 440 |
| XE4889 | 20000 | 22 | 440 | XE4948 | 12500 | 40 | 500 |
| XE4890 | 25000 | 20 | 500 | XE4949 | 15000 | 37 | 550 |
| | | | | XE4950 | 25000 | 28 | 700 |
| | | | | XE4951 | 35000 | 24 | 850 |

| 1/2"x4" Isolantite Tube 50-Watt Rating | | | |
|---|------------|-------|-------|
| Stock No. | Milli-Ohms | amps. | Volts |
| XE4955 | 10 | 2230 | 22 |
| XE4956 | 20 | 1581 | 36 |
| XE4958 | 100 | 707 | 70 |
| XE4959 | 250 | 447 | 111 |
| XE4960 | 500 | 316 | 157 |
| XE4962 | 750 | 258 | 192 |
| XE4963 | 1000 | 223 | 200 |
| XE4964 | 1500 | 182 | 275 |
| XE4965 | 2000 | 158 | 315 |
| XE4969 | 4000 | 111 | 450 |
| XE4970 | 5000 | 100 | 500 |
| XE4971 | 6000 | 91 | 540 |

Trutest VITREOUS ENAMELED SEMI-VARIABLE RESISTORS



All provided with one sliding contact. Special contact button shorts out very little resistance. Accuracy within 10%.

| 25 Watts (2" Long x 3/8" o. d.) | | | | 50 Watts (4" Long x 1/2" o. d.) | | | |
|---------------------------------|---------|--------------|------------|---------------------------------|---------|--------------|------------|
| Stock No. | Resist. | Max. Current | List Price | Stock No. | Resist. | Max. Current | List Price |
| XX20740 | 1 | 5000 | \$0.85 | XX20770 | 100 | 700 | \$1.30 |
| XX20741 | 2 | 3500 | .85 | XX20771 | 200 | 500 | 1.30 |
| XX20742 | 3 | 2800 | .85 | XX20772 | 300 | 406 | 1.30 |
| XX20743 | 5 | 2225 | .85 | XX20773 | 400 | 353 | 1.30 |
| XX20744 | 10 | 1500 | .85 | XX20774 | 500 | 316 | 1.30 |
| XX20745 | 20 | 1100 | .85 | XX20775 | 800 | 252 | 1.30 |
| XX20746 | 50 | 700 | .85 | XX20776 | 1000 | 224 | 1.30 |
| XX20747 | 100 | 500 | .85 | XX20777 | 1500 | 182 | 1.30 |
| XX20748 | 200 | 353 | .85 | XX20778 | 2000 | 158 | 1.30 |
| XX20750 | 500 | 224 | .85 | XX20779 | 2500 | 141 | 1.30 |
| XX20751 | 750 | 182 | .85 | XX20780 | 3000 | 129 | 1.30 |
| XX20752 | 800 | 177 | .85 | XX20781 | 4000 | 112 | 1.30 |
| XX20753 | 1000 | 158 | .85 | XX20782 | 5000 | 100 | 1.30 |
| XX20754 | 1500 | 129 | .85 | XX20783 | 6000 | 91 | 1.45 |
| XX20755 | 2000 | 112 | .85 | XX20784 | 7000 | 84 | 1.45 |
| XX20757 | 2500 | 100 | .85 | XX20785 | 8000 | 79 | 1.45 |
| XX20759 | 4000 | 79 | .85 | XX20786 | 9000 | 74 | 1.60 |
| XX20760 | 5000 | 71 | .85 | XX20787 | 10000 | 71 | 1.60 |
| XX20761 | 6000 | 64 | .85 | XX20788 | 12000 | 65 | 1.60 |
| XX20762 | 7000 | 60 | .85 | XX20789 | 15000 | 58 | 1.75 |
| XX20763 | 8000 | 56 | .85 | XX20790 | 20000 | 50 | 1.80 |
| XX20765 | 10000 | 50 | .85 | XX20791 | 25000 | 45 | 1.80 |
| XX20795 | 15000 | 41 | .85 | XX20792 | 30000 | 41 | 1.85 |
| XX20796 | 20000 | 35 | .85 | XX20793 | 40000 | 35 | 1.90 |
| XX20797 | 25000 | 32 | .85 | XX20794 | 50000 | 32 | 1.95 |

| 6" Long x 1/2" O. D.—75 Watts | | | |
|-------------------------------|---------|--------------|------------|
| Stock No. | Resist. | Max. Current | List Price |
| XX20800 | 100 | 865 | \$1.75 |
| XX20801 | 200 | 610 | 1.75 |
| XX20802 | 300 | 500 | 1.75 |
| XX20803 | 400 | 432 | 1.75 |
| XX20804 | 500 | 387 | 1.75 |
| XX20805 | 750 | 316 | 1.75 |
| XX20806 | 1000 | 274 | 1.75 |
| XX20807 | 1500 | 224 | 1.75 |
| XX20808 | 2000 | 194 | 1.75 |
| XX20809 | 2500 | 173 | 1.75 |
| XX20810 | 3000 | 158 | 1.75 |
| XX20811 | 4000 | 137 | 1.75 |

Extra sliders to fit any of the above resistors. **XX20825—Your Cost Each** 5¢

Trutest 5 Watt Pigtail Resistors—Tolerance Within 2%



These Trutest resistors are wound with genuine nichrome wire on fine porcelain tubes. Guaranteed accuracy within 2%. Pigtail connections are solidly anchored. Will stand considerable overload without burning out.

| Stock No. | Res. Ohms |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| XE4390 | 5 | XE4393 | 20 | XE4396 | 75 | XE4399 | 200 |
| XE4391 | 10 | XE4394 | 25 | XE4397 | 100 | XE4400 | 250 |
| XE4392 | 15 | XE4395 | 50 | XE4398 | 150 | XE4401 | 400 |

| Stock No. | Res. Ohms |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| XE4402 | 500 | XE4409 | 1750 | XE4416 | 5000 | XE4423 | 15000 |
| XE4403 | 600 | XE4410 | 2000 | XE4417 | 6000 | XE4424 | 17500 |
| XE4404 | 750 | XE4411 | 2250 | XE4418 | 7000 | XE4425 | 20000 |
| XE4405 | 900 | XE4412 | 2500 | XE4419 | 8000 | XE4426 | 22500 |
| XE4406 | 1000 | XE4413 | 2750 | XE4420 | 9000 | XE4427 | 25000 |
| XE4407 | 1250 | XE4414 | 3000 | XE4421 | 10000 | | |
| XE4408 | 1500 | XE4415 | 4000 | XE4422 | 12500 | | |

Your Cost Each **20¢**
Any Size

Trutest Ohm Indicator

Handy—Reliable

Range 0-100,000 Ohms

Servicemen can now determine quickly and accurately the resistance value of any defective resistor, without the use of elaborate measuring instruments. The Trutest Ohm Indicator is wire wound on a vitreous enameled Isolantite tube. It is calibrated from zero to 100,000 ohms, and is mounted securely on a base equipped with test clips and test prods. The test clips fasten on the ends of the defective resistor, while the test prod is run up the scale until the set plays best. Indicator may be mounted on the bench or carried in the kit. It is an extremely well made instrument, and will stand rough usage without breaking down or causing trouble. Shpg. wt. 2 lbs.

XE4997—Trutest Ohm Indicator
Your Cost Each



\$1.45

Trutest Universal Vitreous Enameled Voltage Dividers

Can be used in 90% of Receivers

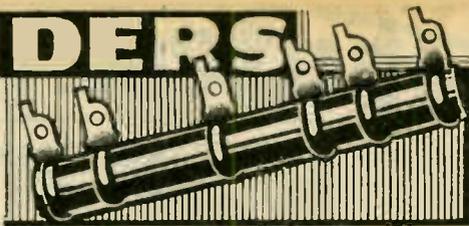
Wound with the finest kind of resistance wire on porcelain tubes coated with vitreous enamel except for a narrow strip along the side where the sliders make contact. Come complete with easily attached mounting brackets. Shpg. wt. 1 lb.

| Equipped with 4 Variable Taps 50 watts—3/4"x4" long | | Equipped with 5 Variable Taps 75 watts—3/4"x6" long | |
|--|------------|--|------------|
| XX20728 | 13000 ohms | XX20732 | 25000 ohms |
| XX20729 | 15000 ohms | XX20733 | 36000 ohms |
| XX20730 | 18000 ohms | XX20734 | 41000 ohms |
| XX20731 | 25000 ohms | XX20735 | 45000 ohms |

\$1.07

\$1.35

VOLTAGE DIVIDERS



In the listing below, only the most popular voltage dividers are shown. We can supply any divider not listed at the very lowest prices. Write giving name and model number of set, and we will quote immediately.

| Name and Model | Resistance | Stock No. | Your Cost |
|---------------------------|------------------------------|-----------|-----------|
| ALL AM. MOHAWK | | | |
| A, B, C, D, E, F, G, H | 2000-2000-1000-300-900 | XX20402 | \$0.90 |
| C-6 | 3000-2000-2500-900 | XX20403 | .90 |
| Lyric K | 908-150-650-40-250-2000-1700 | XX20404 | .90 |
| APEX | | | |
| 10 | 500-1000-1800-600-425 | XX20407 | .83 |
| 26 | 1000-2640 | XX20409 | .65 |
| 26-P | 640-360-2640 | XX20410 | .80 |
| 27 | 4700-8400-10700 | XX20411 | .73 |
| 48 | 700-2200-70 | XX20413 | .75 |
| ARGUS | | | |
| B-195 | 4000-0-460-700-65-0-280 | XX20415 | 1.75 |
| BALKEIT | | | |
| F | 4500-650 | XX20423 | .55 |
| BOSCH | | | |
| 28 | 5000 | XX20427 | .55 |
| 29-825 | 10000-10000 | XX20428 | .85 |
| 29-825 | 2000 | XX20429 | .24 |
| 48 | 950-1450-2000 | XX20431 | .65 |
| 49 | 1650-800-1950 | XX20432 | .65 |
| 54DC | 22 ohms | XX20435 | .28 |
| 62, 63AC | 1400-2600-250 | XX20437 | .70 |
| BRANDES (Kolster) | | | |
| B-10 | 5600-0-1800-140-1000 | XX20439 | .88 |
| B-11 | 1800-0-480-45-2500 | XX20440 | .88 |
| B-15, B-16 | 2500-45-410 | XX20441 | .80 |
| BREMER-TULLY | | | |
| 6-40, 6-41 | 3000-560-6500-5000-1660 | XX20442 | .74 |
| 8-20, 8-21 | 4900-5500-3000 | XX20443 | .70 |
| BRUNSWICK | | | |
| B-17, PR-17-8 | 1690-205-2140-3750-410 | XX20444 | .20 |
| 5-KR, 3-KR, 2-KR, etc | 1600-1900-440 | XX20445 | .49 |
| 3NC8, 5NC8 | 400-350-350-190 (Bias) | XX20446 | .20 |
| 3NC8, 5NC8 | 2250 (Plate Resistor) | XX20447 | .20 |
| 3KR8 (AP-736) | 7230 ohms | XX20448 | .92 |
| 3, 8, 10, 11, 13 | 4920-900-700-90-40-120 | XX20453 | .90 |
| COLONIAL | | | |
| 28 | 8500-7000 | XX20458 | .70 |
| 28 | 2200-4000-1000 | XX20459 | .70 |
| 32AC | 100-40 | XX20461 | .50 |
| 32AC | 210-210 | XX20462 | .55 |
| 32DC | 34.9 ohms | XX20466 | .90 |
| 32DC | 1.43 ohms | XX20467 | .24 |
| 32DC | 5.7 ohms | XX20468 | .35 |
| 36DC | 1.83-17.6-68 | XX20463 | .95 |
| COLUMBIA RADIO | | | |
| Screen-Grid 8 | 7500-10000 | XX20470 | .70 |
| COLUMBIA (Kolster) | | | |
| C-1, C-3 | 3000-3000-220-60-840 | XX20471 | .75 |
| C-2, C-4 | 900-120-90 | XX20472 | .60 |
| C-5, 961 (205) | 7200-60-90-700 | XX20473 | .70 |
| C-5 (310) | 3400-3800-55-80-140-360 | XX20474 | .95 |
| 930-300 | 2000-140-500 | XX20475 | .49 |
| C-500 | 2000-135-500 | XX20476 | .45 |
| 902, 930, 980 | 2100-120-430 | XX20477 | .70 |
| 920 | 1650-410 | XX20478 | .70 |
| 931 | 6000-2200-135-700 | XX20479 | .70 |
| 940 | 2500-45-410 | XX20480 | .85 |
| 950 | 9000-3200-140-70-700 | XX20481 | .70 |
| 950 | 30000-20000 | XX20482 | .70 |
| 980 | 6000-55-100 | XX20483 | .70 |

| Name and Model | Resistance | Stock No. | Your Cost |
|-----------------------------------|-----------------------------|-----------|-----------|
| CROSLLEY | | | |
| 704AC | 3475-1525 | XX20485 | \$0.48 |
| 77, 77-1, 120 | 1750-2000-225-320 | XX20486 | .90 |
| DAYFAN | | | |
| 6 Jr. 5524, 5525 | 2000-3000-1300 | XX20488 | .70 |
| 5050 Power Unit | 1400-3500-5800-7000-180-650 | XX20489 | 1.15 |
| 5080 Power Unit | 1100-100-2000-3300-950 | XX20490 | 1.10 |
| EARL | | | |
| 31, 31S, 32, 32S, 41, 33, 33S | 4000-0-750 | XX20491 | .48 |
| EDISON | | | |
| R-1, R-2, C-2 | 12500 | XX20492 | .49 |
| R-4, R-5, C-4 | 10000 | XX20493 | .40 |
| R-1, R-2, C-2 | 750-750 | XX20494 | .62 |
| All Models | 8000 | XX20495 | .29 |
| FADA | | | |
| 42, 44, 41, 46, 47 | 800-300-100 | XX20497 | .65 |
| FEDERAL | | | |
| D. E. F. G. Units | 135-2000-300-350 | XX20499 | .95 |
| H Unit | 3500-13000 | XX20500 | .80 |
| FREED | | | |
| 78, 78S, 79, 79S, 90, 90S, 85, 65 | 4000-0-750 | XX20491 | .55 |
| FRESHMAN | | | |
| N-11, N-12 | 2200-6600-3300-4500-1500 | XX20508 | .60 |
| "G" | 2100-3000-4300-1250-3000 | XX20509 | .65 |
| M60-S | 10000-12500 | XX20534 | .75 |
| H | 9300 | XX20535 | .75 |
| H | 20, 300 | XX20536 | .75 |
| GENERAL MOTORS | | | |
| "A" Chassis, 120, 130, 140, 160 | 1400-3500-5800-7000-180-650 | XX20510 | 1.05 |
| | 800-59-1862-2000-465 | XX20511 | 1.05 |
| | 6900-7600-4800 | XX20512 | 1.05 |
| M. A. Little General 252 | 150-18000-14550 | XX20527 | .55 |
| 251 (S2A & S2B) | 4800-7600-6900 | XX20528 | .95 |
| GRAYBAR | | | |
| 17 | 1690-205-2140-3750-410 | XX20444 | .20 |
| 500, 550 | 2800-900-3600-110 | | |
| | (No. 1) | XX20563 | .89 |
| 500, 550 | 500-0-1460-540-0-80 | | |
| | (No. 2) | XX20564 | .50 |
| 311 | 1600-1900-440 | XX20445 | .49 |
| 340 | 400-350-350-190 (Bias) | XX20446 | .20 |
| 340 | 2250 (Plate Resistor) | XX20447 | .20 |
| 600 | 375-90 (Bias) | XX20513 | .40 |
| 600 | 4800 (Plate Resistor) | XX20514 | .29 |
| 678 | 3200-830-120-715 | XX20639 | .60 |
| GREBE | | | |
| SK-4 | 677-2200-62 | XX20515 | .80 |
| SK-4 | 7000-10000-1500 | XX20516 | .88 |
| AC-6 | 750-2800-5930 | XX20517 | .70 |
| AC-6 | 6300-95-695 | XX20518 | .65 |
| AC-7 | 20000-6000 | XX20519 | .80 |
| GULBRANSEN | | | |
| AC-8 | 3100-9473-11250-150 | XX20520 | .95 |
| HAMMARLUND | | | |
| Hi-Q 30 | 800-2000-1400-3000-2000 | | |
| | | XX20521 | .75 |
| Hi-Q 31 | 2400-2800-1350-3750-850 | | |
| | | XX20522 | .88 |
| HOWARD | | | |
| 135AC | 1600-12000 | XX20523 | .90 |
| KELLOGG | | | |
| 523, 528 | 1000-3000-1500-1000-1300 | XX20537 | 1.69 |

ATWATER-KENT Filament Resistors For Models 61 D. C. and 70 D. C.



Exactly duplicate the original units, both physically and electrically. Metal bases, resistance wire wound on asbestos. Duplicate of A.-K. Part No. 16433—Filament Resistor No. 1. Has resistance of 680 ohms.

XF6794—Your Cost Each
Duplicate of A.-K. Part No. 16432. Filament Resistor No. 2. Has resistance of 250-35 ohms.

XF6793—Your Cost Each
Duplicate of A.-K. Part No. 16434. A. F. Filament Shunt Resistor. Resistance 300-300 ohms.

XF6795—Your Cost Each
Per Set of Three

29¢

35¢

35¢

95¢

Trutest Filament and C. T. Resistances



Trutest Filament Resistances

(No Center Tap)

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.

When ordering state resistance wanted.

XD3997—List 15¢
Your Cost Each

7¢

Resistance values of 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 and 1500 ohms.

XD3998—List 25¢
Your Cost Each

8¢

Center Tap Resistances

Same as above, but tapped at the electrical center. Available in 10, 20, 30, 40, 50, 60, 100 and 200 ohms. When ordering state resistance wanted.

XD3999—List 30¢
Your Cost Each

10¢

VOLTAGE DIVIDERS [Continued]

KOLSTER

| | | | |
|------------------|-------------------------|---------|--------|
| GJ, 6K, 6R | 3000-3000-220-900 | XX20538 | \$0.69 |
| 6H | 500-5000-940 | XX20539 | .64 |
| K-20, 22, 25, 27 | 840-60-220-3000-3000 | XX20540 | .72 |
| K-21, K-23 | 90-125-900 | XX20524 | .55 |
| K-24 | 3400-3800-55-80-140-360 | XX20541 | .75 |
| K-38 | 3600-55-75-700 | XX20542 | .70 |
| K-42 | 840-140-2600 | XX20543 | .79 |
| K-43 | 1600-1000-380 | XX20544 | .79 |
| K-44, K-45 | 1450-650-200-350 | XX20545 | .75 |
| K-48 | 1500-2000-100-2000 | XX20546 | .70 |
| K-50 | 1525-2500-280-400 | XX20547 | .90 |
| K-60, K-62 | 4000-1500-1500-200 | XX20548 | .88 |
| K-70, K-72 | 3000-3000-2000-200 | XX20549 | .88 |
| K-90, 92, 80, 82 | 6000-7000-3000-250 | XX20533 | .88 |

MAJESTIC

| | | | |
|-------|-------------------------|---------|-----|
| 20 | 4125-750-0-770-158 | XX20550 | .79 |
| 130-A | 4875-5230-3340-7900-154 | XX20552 | .93 |

PHILCO

| | | | |
|--------------|------------------------|---------|-----|
| 20, 20-A | 1400-187-75-0-2470-975 | XX20553 | .60 |
| 65 | 2000-700 | XX20554 | .58 |
| 76, 77, 77-A | 800-250 | XX20555 | .60 |
| 76, 77, 77-A | 2000-1500-1400 | XX20556 | .63 |
| 87 | 3785-157-0-640 | XX20557 | .72 |

RCA—RADIOLA

| | | | |
|-----------------------|-----------------------------------|---------|------|
| 17, 50 | 1690-205-2140-3750-410 | XX20444 | .24 |
| 18, 83, 51 | 1600-1900-440 | XX20445 | .24 |
| 30 | 4920 (Resistor No. 4) | XX20705 | .38 |
| 30 | 620-3380 (Resistors Nos. 2 and 3) | XX20706 | .65 |
| 30 | 2600-1400 (Resistor No. 1) | XX20707 | .68 |
| 30-A | 3000-2000-300-500-900 | XX20559 | .59 |
| 30-A | 800 ohms | XX20826 | .25 |
| 32 | 4920 (Resistors Nos. 2 and 3) | XX20705 | .38 |
| 32 | 438-286-1590-1700 | XX20708 | .49 |
| 33 D. C. | 166-118 | XX20709 | .59 |
| 33 D. C. | 16-16-16 | XX20710 | .38 |
| 41 (Receptor) | 12300-8000-5000 | XX20560 | .25 |
| 41 (Sterling) | 17400-8600 | XX20561 | .25 |
| 41 (Sterling) | 4200-380-1420 | XX20562 | .25 |
| 44 | 2800-900-3600-1100 | XX20563 | .89 |
| 44 | 500-0-1460-540-0-80 | XX20564 | .50 |
| 46, 47 | 2800-900-3600-1100 | XX20563 | .89 |
| 46, 47 | 1460-540-0-80 | XX20565 | .60 |
| 44, 46 D. C. | 195-165-110 | XX20712 | .59 |
| 44, 46 D. C. | 2250-1925-1190 | XX20713 | .38 |
| 44, 46 D. C. | 16-16-16 | XX20710 | .68 |
| 42 and 48 | 3200-830-120-715 | XX20639 | .60 |
| 60, 62 | 400-350-350-190 (Bias) | XX20446 | .20 |
| 60, 62 | 2250 (Plate Resistor) | XX20447 | .20 |
| 64 | 1280-4000-300-2200 | XX20566 | .89 |
| 64 | 1500-1000-250-130-160 | XX20567 | .75 |
| 64, 67 | 310-3850-310 (Bias) | XX20568 | .80 |
| 66 | 375-90 (Bias) | XX20513 | .40 |
| 66 | 4800 ohms (Plate) | XX20514 | .29 |
| 67 | 2400-960-240-115-215-100 | XX20569 | .75 |
| 67 | 1435-3400-300-2200 | XX20570 | .75 |
| 104 Loudspeaker | 620-3380 (Resistors Nos. 2 and 3) | XX20706 | .24 |
| 104 Loudspeaker | 2600-1400 (Resistor No. 1) | XX20707 | .24 |
| 105 Loudspeaker | 1325-65-140-1446 (No. 1) | XX20571 | 1.20 |
| 105 Loudspeaker | 1050-1300-1325 (No. 2) | XX20572 | 1.20 |
| 105 Loudspeaker | 4000 ohms (Nos. 3 and 4) | XX20573 | 1.05 |
| Duo-Rectron Amplifier | 1050-6000-2950-3000 | XX20713 | .95 |
| Uni-Rectron Amplifier | 650-100-275 (Resistor No. 1) | XX20714 | .75 |
| Uni-Rectron Amplifier | 2450 (Resistor No. 3) | XX20715 | .75 |

SILVER-MARSHALL

| | | | |
|----------|---------------------|---------|--------|
| 651 | 3800-4200-730-990 | XX20574 | \$0.90 |
| 651 | 6200-1000 | XX20575 | 1.25 |
| 659 | 10-300 ohms Divider | XX20577 | .90 |
| 672, 669 | 3000-0-1250-1250 | XX20579 | .75 |

SPARTON

| | | | |
|-----------------|-----------------|---------|-----|
| AC-7, 62, 63 | 2200-70 | XX20580 | .50 |
| 110 | 20000-2000-7000 | XX20581 | .90 |
| 110 DeLuxe | 900 | XX20583 | .25 |
| Sparks Ensemble | 3000 | XX20584 | .65 |

SAMSON "PAM"

| | | | |
|---------------|------------|---------|-----|
| Pam Model 210 | 1540-19300 | XX20587 | .80 |
|---------------|------------|---------|-----|

SONORA

| | | | |
|------------|--------------------|---------|------|
| B-80, B-31 | 800-1000-1200-4000 | XX20595 | .75 |
| 880 | 2500-5500-4500 | XX20596 | 1.25 |

SPLITDORF

| | | | |
|---------|-------|---------|-----|
| "Abbey" | 12500 | XX20492 | .29 |
| "Abbey" | 10000 | XX20493 | .29 |
| "Abbey" | 8000 | XX20495 | .29 |

STEINITE

| | | | |
|------------|----------------------|---------|-----|
| 22 | 1700-4000-8000 | XX20600 | .78 |
| 26 | 8000-8000 | XX20601 | .65 |
| 40 | 3000-11740-4270-1190 | XX20602 | .90 |
| 50 | 8100-11750-5200-827 | XX20603 | .88 |
| 70, 80, 95 | 10000-10000-2440 | XX20604 | .95 |
| 991 | 1000-1000-250-0-250 | XX20605 | .68 |

STROMBERG

| | | | |
|--------------------|------------------------|---------|-----|
| 10, 11 | 4000-100-780 | XX20607 | .70 |
| 10, 11 | 4760-3200-1900 | XX20608 | .80 |
| 12, 14 | 4000-4000-3025 | XX20609 | .90 |
| 12, 14 | 5000-100-1210-260 | XX20610 | .75 |
| 403-B | 27-6 | XX20611 | .70 |
| 403-B | 3000-2500 | XX20612 | .70 |
| 403-B | 3000-70-700 | XX20613 | .70 |
| 635, 636 | 2500-3000-3000-770 | XX20614 | .82 |
| 638 | 2500-6000-500 | XX20615 | .85 |
| 846, 848 | 6000-3200 | XX20616 | .70 |
| 846, 848 | 4350-1700-330 | XX20617 | .70 |
| 846, 848 | 725 ohms | XX20618 | .40 |
| 403, 403-A | 2500-3000-3000-70-700 | XX20647 | .82 |
| 641, 642, 652, 654 | 1450-4000-3000-1300 | XX20619 | .78 |
| 641, 642, 652, 654 | 7800-3200 | XX20620 | .75 |
| 641, 642, 652, 654 | 170 | XX20621 | .28 |
| 641, 642, 652, 654 | 7800-4500-3000-4000 | XX20222 | .90 |
| Early 10, 11 | 4760-3200-5900-100-780 | XX20623 | .90 |
| Early 10, 11 | 4760-3200 | XX20624 | .90 |
| Early 10, 11 | 5900-100-780 | XX20625 | .70 |
| Early 10, 11 | 1100-2000 | XX20626 | .70 |
| Early 10, 11 | 3000-3000 | XX20627 | .70 |

TEMPLE

| | | | |
|-------------|---------------------|---------|-----|
| D. C. | 11-12 | XX20628 | .60 |
| 7-60, 7-80 | 8000-1600-8000-4000 | XX20629 | .75 |
| 8-60, 80-90 | 900-5200-750 | XX20630 | .60 |

THORDARSON

| | | | |
|------------------|--------------------------|---------|-----|
| R-171 Power Unit | 2000-3000-3000-3000-2000 | XX20631 | .75 |
|------------------|--------------------------|---------|-----|

VICTOR

| | | | |
|--------------------------|------------------------|---------|-----|
| 7-11, 7-25, 7-26 | 1690-205-2140-3750-410 | XX20444 | .29 |
| 9-18, 9-54 | 1280-4000-300-2200 | XX20566 | .89 |
| 9-18, 9-54 | 1500-1000-250-130-160 | XX20567 | .75 |
| 9-18, 9-54 | 310-3850-310 (Bias) | XX20568 | .80 |
| R-32, RE-45, R-52, RE-75 | 2000-1350-200-775 | XX20632 | .50 |
| 14, 15, 17 | 3200-830-120-715 | XX20639 | .52 |

WESTINGHOUSE ELECTRIC

| | | | |
|------|------------------|---------|-----|
| WR-4 | 3200-830-120-715 | XX20639 | .60 |
|------|------------------|---------|-----|

ZENITH

| | | | |
|---|-----------------------|---------|-----|
| ZE-10, ZE-12, ZE-13, ZE-15, ZE-16 Power Units | 6000-7800-8000-2500 | XX20635 | .75 |
| ZE-18 Power Unit | 13000-11000-9500-1800 | XX20636 | .90 |
| ZE-11 Power Unit | 3200-1200-1200-1600 | XX20637 | .90 |
| ZE-50, ZE-60, ZE-70 Series Power Units | 2800-2350-850 | XX20638 | .90 |

10 Watts—1 3/4" x 3/8"

| Stock No. | Res. Ohms | Current M.A. | Stock No. | Res. Ohms | Current M.A. |
|-----------|-----------|--------------|-----------|-----------|--------------|
| XE5051 | 1,3150 | 1.00 | XE5065 | 1,000 | 1.00 |
| XE5052 | 2,280 | 1.50 | XE5066 | 1,500 | .81 |
| XE5053 | 5,140 | 1.75 | XE5067 | 1,750 | .75 |
| XE5054 | 10,000 | 2.00 | XE5068 | 2,000 | .70 |
| XE5055 | 15,815 | 2.50 | XE5069 | 2,500 | .63 |
| XE5056 | 20,707 | 3.00 | XE5070 | 3,000 | .57 |
| XE5057 | 25,630 | 4.00 | XE5071 | 4,000 | .50 |
| XE5058 | 50,447 | 5.00 | XE5072 | 5,000 | .44 |
| XE5059 | 100,315 | 7.50 | XE5073 | 7,500 | .36 |
| XE5060 | 200,223 | 10,000 | XE5074 | 10,000 | .31 |
| XE5061 | 250,200 | 15,000 | XE5075 | 15,000 | .25 |
| XE5062 | 400,158 | 20,000 | XE5076 | 20,000 | .22 |
| XE5063 | 500,141 | 25,000 | XE5077 | 25,000 | .20 |
| XE5064 | 750,115 | | | | |

Your Cost Each, Any Size

21¢

OHMITE WIRE WOUND RED DEVIL RESISTORS



The standard radio replacement resistors. They are the only units capable of withstanding the Heat Test in which a ten watt unit dissipates FIFTY watts. Red Devils are wire wound, over a porcelain core, and covered with a special high temperature refractory cement which protects the wire from injury even though a red heat is reached. All have lugs and 1 1/2" tinned leads. Red Devils are made in two sizes—ten watt, from 1 ohm, through to 25,000 ohms, and twenty watt, from 30,000 through to 100,000 ohms. Ten watt dimensions are 1 3/4" x 3/8". Twenty watt dimensions are 2 x 3/4".

20 Watts—2" x 1/2"

These twenty watt units are stocked only in the sizes shown in the listing below. If special resistance values are desired we will be glad to submit prices and delivery dates upon request. When writing state permissible variation in %.

| Stock No. | Res. Ohms | Current M.A. | Stock No. | Res. Ohms | Current M.A. |
|-----------|-----------|--------------|-----------|-----------|--------------|
| XE5078 | 30,000 | 25 | XE5086 | 70,000 | 16 |
| XE5079 | 35,000 | 23 | XE5087 | 75,000 | 16 |
| XE5080 | 40,000 | 22 | XE5088 | 80,000 | 15 |
| XE5081 | 45,000 | 21 | XE5089 | 85,000 | 15 |
| XE5082 | 50,000 | 20 | XE5090 | 90,000 | 14 |
| XE5083 | 55,000 | 19 | XE5091 | 95,000 | 14 |
| XE5084 | 60,000 | 18 | XE5092 | 100,000 | 14 |
| XE5085 | 65,000 | 17 | | | |

Your Cost Each, Any Size

38¢

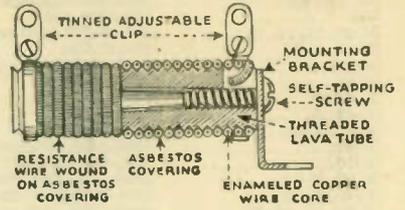
Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.

ELECTRAD TRUVOLT RESISTORS



TRUVOLT Adjustable Resistors

Now, beside the incorporation of a new 10-watt line, many new improvements and still greater advantages are to be gained through the use of this time-tested product. The adjustable clip has been redesigned to afford more effective resistance and unique end brackets are supplied with each B, C, and D type resistor. A new protective insulating sleeve is supplied with each resistor. There is now greater insulation (1000-volt insulation) to heat conducting copper core. Self-tapping screws are supplied to fit inside diameter of tube.



TYPE A—10 WATTS

| Stock No. | Resistance in Ohms | Current M.A. | Your Cost |
|-----------|--------------------|--------------|-----------|
| XG7150 | 1 | 3150 | |
| XG7151 | 2 | 2200 | |
| XG7153 | 3 | 1800 | |
| XG7155 | 7.5 | 1150 | |
| XG7156 | 10 | 1000 | |
| XG7157 | 15 | 815 | |
| | | | |
| XG7159 | 25 | 630 | |
| XG7160 | 30 | 570 | |
| XG7161 | 50 | 450 | |
| XG7162 | 75 | 360 | |
| XG7163 | 100 | 315 | |
| XG7164 | 200 | 220 | |
| | | | |
| XG7165 | 300 | 180 | |
| XG7166 | 400 | 158 | |
| XG7167 | 500 | 141 | |
| XG7168 | 800 | 112 | |
| XG7169 | 1000 | 100 | |
| XG7170 | 1250 | 89 | |

Your Cost

29c

| | | | |
|--------|------|----|--|
| XG7171 | 1500 | 81 | |
| XG7172 | 2000 | 70 | |
| XG7173 | 2500 | 63 | |
| XG7174 | 3000 | 56 | |
| XG7175 | 4000 | 50 | |
| XG7176 | 5000 | 45 | |

Shipping weight 12 units, 13 ozs.

TYPE B—25 WATTS

| Stock No. | Resistance in Ohms | Current Milli-amperes | Your Cost |
|-----------|--------------------|-----------------------|-----------|
| XG7212 | 100 | 3150 | |
| XG7213 | 200 | 353 | |
| XG7215 | 300 | 289 | |
| XG7216 | 400 | 250 | |
| XG7217 | 500 | 224 | |
| XG7218 | 750 | 182 | |
| | | | |
| XG7219 | 800 | 177 | |
| XG7221 | 1000 | 158 | |
| XG7222 | 1250 | 141 | |
| XG7223 | 1500 | 129 | |
| XG7224 | 2000 | 112 | |
| XG7226 | 2500 | 100 | |
| | | | |
| XG7227 | 3000 | 91 | |
| XG7228 | 3500 | 84 | |
| XG7229 | 4000 | 79 | |
| XG7230 | 4500 | 75 | |
| XG7231 | 5000 | 71 | |
| XG7232 | 6000 | 64 | |
| | | | |
| XG7233 | 7000 | 60 | |
| XG7235 | 7500 | 58 | |
| XG7237 | 9000 | 53 | |
| XG7238 | 10000 | 50 | |
| XG7239 | 12000 | 45 | |
| XG7240 | 15000 | 41 | |
| | | | |
| XG7241 | 20000 | 35 | |
| XG7242 | 25000 | 32 | |
| XG7243 | 30000 | 29 | |
| XG7244 | 40000 | 25 | |
| XG7245 | 50000 | 22.5 | |

49c

49c

49c

49c

58c

67c

Weight 1 unit in carton, 1 oz.
Weight 12 units in container, 13 ozs.
Extra Sliders Each 5 cents.
50 cents per doz.

TYPE C—50 WATTS

| Stock No. | Resistance in Ohms | Current Milli-amperes | Your Cost |
|-----------|--------------------|-----------------------|-----------|
| XG7246 | 100 | 700 | |
| XG7247 | 200 | 500 | |
| XG7248 | 300 | 406 | |
| XG7249 | 400 | 353 | |
| XG7250 | 500 | 316 | |
| XG7251 | 750 | 259 | |
| | | | |
| XG7253 | 1000 | 224 | |
| XG7255 | 1500 | 182 | |
| XG7256 | 2000 | 158 | |
| XG7258 | 2500 | 141 | |
| XG7259 | 3000 | 129 | |
| XG7260 | 3500 | 119 | |
| | | | |
| XG7261 | 4000 | 112 | |
| XG7262 | 4500 | 105 | |
| XG7263 | 5000 | 100 | |
| XG7264 | 6000 | 91 | |
| XG7265 | 7000 | 84 | |
| XG7267 | 7500 | 82 | |
| | | | |
| XG7269 | 9000 | 74 | |
| XG7270 | 10000 | 71 | |
| XG7271 | 12000 | 65 | |
| XG7272 | 15000 | 58 | |
| XG7273 | 20000 | 50 | |
| XG7274 | 25000 | 45 | |
| | | | |
| XG7275 | 30000 | 41 | |
| XG7276 | 40000 | 35 | |
| XG7277 | 50000 | 32 | |
| XG7278 | 60000 | 29 | |
| XG7279 | 80000 | 25 | |
| XG7280 | 100000 | 22.5 | |

79c

79c

79c

87c

96c

Shipping weight 1 unit, 8 ozs.
Shipping weight 6 units, 1 lb.

TYPE D—75 WATTS

| Stock No. | Resistance in Ohms | Current Milli-amperes | Your Cost |
|-----------|--------------------|-----------------------|-----------|
| XG7281 | 100 | 865 | |
| XG7282 | 200 | 610 | |
| XG7283 | 300 | 500 | |
| XG7284 | 400 | 432 | |
| XG7285 | 500 | 387 | |
| XG7286 | 750 | 316 | |
| | | | |
| XG7288 | 1000 | 274 | |
| XG7289 | 1250 | 245 | |
| XG7290 | 1500 | 224 | |
| XG7291 | 2000 | 194 | |
| XG7293 | 2500 | 173 | |
| XG7294 | 3000 | 158 | |
| | | | |
| XG7296 | 4000 | 137 | |
| XG7298 | 5000 | 122 | |
| XG7299 | 6000 | 112 | |
| XG7300 | 7000 | 103 | |
| XG7302 | 7500 | 100 | |
| XG7303 | 8000 | 97 | |
| | | | |
| XG7304 | 9000 | 19 | |
| XG7305 | 10000 | 87 | |
| XG7306 | 12000 | 79 | |
| XG7307 | 15000 | 71 | |
| XG7308 | 20000 | 61 | |
| XG7309 | 25000 | 55 | |
| | | | |
| XG7310 | 30000 | 50 | |
| XG7311 | 40000 | 43 | |
| XG7312 | 50000 | 39 | |
| XG7313 | 60000 | 35 | |
| XG7314 | 80000 | 31 | |
| XG7315 | 100000 | 27 | |

94c

94c

94c

96c

99c

1.11

1.26

1.31

1.46

1.62

Shipping weight per unit, 8 ozs.

ELECTRAD Variable Voltage Dividers



13,000 Ohms—50 Watts
This voltage divider has 4 sliding taps that enables the serviceman and set builder to obtain various voltages.

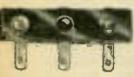
XG7318—Your Cost..... 78c

25,000 Ohms—50 Watts
Also has 4 variable taps.
XG7319—Your Cost..... 78c

25,000 Ohms—75 Watts
Special Heavy Duty tapped voltage divider. Has 4 sliding contacts.
XG7320—Your Cost..... 1.25

41,000 Ohms—75 Watts
Ideal for Public Address and Phonograph amplifiers. Has 6 sliding contacts for all necessary voltages.
Shpg. wt. 8 oz.
XG7321—Your Cost..... 1.40

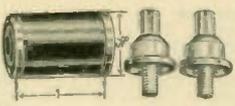
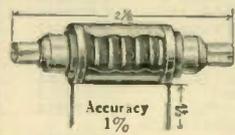
C. T. Resistors



Small, compact and covered by a coating of moisture-proof enamel. Accuracy 1%. In the following sizes: 10, 15, 20, 30, 50, 75, 100 and 200 ohms.
XG7322—Your Cost 15c

ELECTRAD Precision Wire Wound 1 Watt Resistors

One watt precision wire wound resistors accurate to within plus or minus 1%. Each resistor individually bridge tested. Particularly suited for use as multipliers with voltmeters and other laboratory test instruments. Highest quality enameled wire insures against shorted turns and contributes to lower distributed capacity because of heavier insulation between turns. Non-inductive winding impregnated with moisture proof compound. Resistors supplied less ferrules for pigtail mounting, ferrules, extra, as priced below.



Ferrule Type

Convert the above to screw terminals. Ferrules only.
XE5001—Your Cost, Per Pair..... 15c

| Stock No. | Res. Ohms | Current M.A. | Your Cost |
|-----------|-----------|--------------|-----------|
| XE5002 | 1 | 1225 | |
| XE5003 | 5 | 548 | |
| XE5004 | 10 | 387 | |
| XE5005 | 25 | 245 | |
| XE5006 | 50 | 173 | |
| XE5007 | 100 | 122 | |
| | | | |
| XE5008 | 150 | 100 | |
| XE5009 | 200 | 86 | |
| XE5010 | 500 | 55 | |
| XE5011 | 1000 | 38 | |
| XE5012 | 2500 | 24 | |
| XE5013 | 4500 | 18 | |
| | | | |
| XE5014 | 5000 | 17 | |
| XE5015 | 7500 | 14 | |
| XE5016 | 10000 | 12 | |
| XE5017 | 12500 | 11 | |
| XE5018 | 15000 | 10 | |
| XE5019 | 20000 | 8.6 | |

44c

53c

56c

58c

| Stock No. | Res. Ohms | Current M.A. | Your Cost |
|-----------|-----------|--------------|-----------|
| XE5020 | 25000 | 7.7 | |
| XE5021 | 30000 | 7 | |
| XE5022 | 35000 | 6.5 | |
| XE5023 | 40000 | 6.1 | |
| XE5024 | 50000 | 5.5 | |
| XE5025 | 60000 | 5 | |
| | | | |
| XE5026 | 75000 | 4.4 | |
| XE5027 | 100000 | 3.8 | |
| XE5028 | 125000 | 3.4 | |
| XE5029 | 150000 | 3.1 | |
| XE5030 | 175000 | 2.9 | |
| XE5031 | 200000 | 2.7 | |
| | | | |
| XE5032 | 225000 | 2.5 | |
| XE5033 | 250000 | 2.4 | |
| XE5034 | 300000 | 2.2 | |
| XE5035 | 400000 | 2.2 | |
| XE5036 | 500000 | 1.5 | |
| XE5037 | 750000 | 1.0 | |
| XE5038 | 1 Meg. | .7 | |

73c

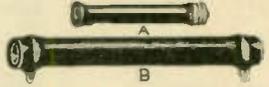
88c

1.32

1.47

1.62

Standard Filament Drop Resistors for A.C. to D.C. Conversions



Heavy duty resistors for use as line ballasts in D.C. receivers and amplifiers. Can also be used for other purposes provided rating is not exceeded.

Type A—20-Ohm Edison Base resistor rated at 60 watts. Shpg. wt. 3 lbs.

XX20719—Your Cost Each .75c

Type B—60-ohm, 200-watt resistor. Will stand considerable overload. Size 8 1/2 x 7". Shpg. wt. 3 lbs.

XX20720—Your Cost Each .95c

Similar to the above, but 60 ohms, 300 watts. Size 1 1/2 x 7". Shpg. wt. 4 lbs.

XX20721—Your Cost Each .98c

Type C (not illustrated)—Consists of a 60-ohm, 200-watt vitreous enameled resistor like Type B, mounted in a pressed steel cage. Cage is provided with female receptacle to take line plug. Ideal for use in midjet receivers. Shpg. wt. 5 lbs.

XX20722—Your Cost Each .5195

Similar to the above caged resistor but with 60-ohm 300-watt tube. Shpg. wt. 6 lbs.

XX20723—Your Cost Each .5210

YAXLEY RADIO PRODUCTS

APPROVED RADIO PRODUCTS

YAXLEY Radio Convenience Outlets

Antenna and Ground Outlet



No. 156—Has two pin jacks marked "Ant" and "Gnd." Comes complete with tip plugs. Shpg. wt. 1 lb.

XF6406—Brass
XF6407—Bakelite
List \$0.75
Your Cost Each **44¢**

Aerial, Ground and Duplex A.C.



No. 256—Has two pin tip jacks and two A.C. receptacles. Furnished complete with two tip plugs. Shpg. wt. 1 lb.

XF6414—Brass
XF6415—Bakelite
List \$1.50
Your Cost Each **88¢**

Seven Conductor Jack With Plug



No. 137—For Multiple Connections. Ideal for use with battery cables. Used in hotels and hospitals for loud speaker connections. Shpg. wt.

1 lb.
XF6410—Brass
XF6411—Bakelite
List \$2.50
Your Cost Each **\$1.47**

YAXLEY Grid Resistors



Wire wound for the grid line. Mount directly to socket. Illustrated above.

| Stock No. | Resistance in Ohms | Mounting Centers | Net Price |
|-----------|--------------------|------------------|------------|
| XF6315 | 100 | 1 1/2" | 18¢ |
| XF6316 | 200 | 1 1/2" | |
| XF6317 | 300 | 1 1/2" | |
| XF6318 | 400 | 1 1/2" | 24¢ |
| XF6319 | 500 | 1 1/2" | |
| XF6320 | 600 | 1 1/2" | |
| XF6321 | 700 | 1 1/2" | 15¢ |
| XF6322 | 800 | 1 1/2" | |
| XF6323 | 1000 | 1 1/2" | |
| XF6324 | 1500 | 2 1/4" | 15¢ |
| XF6325 | 2000 | 3 1/4" | |
| XF6326 | 3000 | 4" | |

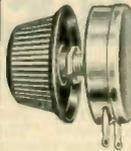
YAXLEY Resistance Units

Small, accurate, provided with combination screw eye and solder lug.

| Ohms | Ohms |
|----------|-----------|
| XF6330—1 | XF6337—10 |
| XF6331—2 | XF6338—15 |
| XF6332—3 | XF6339—20 |
| XF6333—4 | XF6340—25 |
| XF6334—5 | XF6341—30 |
| XF6335—6 | XF6342—40 |
| XF6336—8 | |

List Each 25c
Net **15¢**

Jr. Rheostats and Potentiometers



Variable wire wound resistors which dissipate 4 watts. Midget in size, 1 1/2" in diameter. Mount in a 1/4" panel hole. Complete with knob.

| Stock No. | Rheostats Ohms | Amperes | Your Cost |
|-----------|----------------|---------|------------|
| XF6480 | 1 | 2.0 | 44¢ |
| XF6481 | 2 | 1.4 | |
| XF6482 | 3 | 1.2 | |
| XF6483 | 6 | .8 | |
| XF6484 | 10 | .6 | |
| XF6485 | 15 | .5 | 58¢ |
| XF6486 | 20 | .45 | |
| XF6487 | 25 | .4 | |
| XF6503 | 20 | .45 | |
| XF6489 | 25 | .4 | |
| XF6490 | 30 | .36 | 73¢ |
| XF6491 | 40 | .3 | |
| XF6492 | 50 | .28 | |
| XF6493 | 60 | .25 | |
| XF6494 | 75 | .23 | |
| XF6495 | 100 | .2 | 88¢ |
| XF6496 | 200 | .14 | |
| XF6497 | 400 | .1 | |
| XF6498 | 1000 | .05 | |
| XF6499 | 2000 | .045 | |
| XF6500 | 3000 | .035 | |
| XF6501 | 5000 | .028 | |
| XF6502 | 10000 | .016 | |

Etched Dial Plates



Made of fine aluminum with hard, smooth finish. Hole in center designed to fit over 3/8" bushing. Numbers etched on face in white.

Plates with "OFF" position are designed especially for use with Yaxley gang switches listed on page 153. Other plates may be used with any selector switch, with step type controls, etc.

| Stock No. | Marking | Your Cost Each |
|-----------|---------------|----------------|
| XF6224 | 1 to 2 | 9¢ |
| XF6225 | 1 to 3 | |
| XF6226 | 1 to 4 | |
| XF6227 | 1 to 5 | |
| XF6228 | 1 to 6 | |
| XF6229 | 1 to 7 | |
| XF6230 | 1 to 8 | |
| XF6231 | 1 to 9 | |
| XF6232 | 1 to 10 | |
| XF6233 | 1 to 11 | |
| XF6234 | 1 to 12 | |
| XF6235 | "OFF"—1 to 3 | |
| XF6236 | "OFF"—1 to 4 | |
| XF6237 | "OFF"—1 to 5 | |
| XF6238 | "OFF"—1 to 6 | |
| XF6239 | "OFF"—1 to 7 | |
| XF6240 | "OFF"—1 to 8 | |
| XF6241 | "OFF"—1 to 9 | |
| XF6242 | "OFF"—1 to 10 | |

Insulated Tip Jack



No. 422—Bakelite Cap. Red and Black for Positive and Negative. Phone tip nests all the way in jack. Mounts in 1/4" hole. Shpg. wt. 2 oz.

XF6467—Per Pair **15¢**

Yaxley Tip Jacks

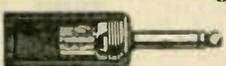
No. 416—One of the most popular types used. Mounts in 1/4" hole.
XF6437—List 15c
Your Cost Each **9¢**
Per Dozen **95c**



Tip Jack

Tip Jack with positive single conductor contact, is used for test panels, instruments, battery leads, and in sets for aerial and ground, battery and speaker connections, etc. Hole 3/8". Easy and convenient to mount.
XF6444—Each **18¢**

Double Phone Plugs



Bakelite insulation, tip insulated from sleeve. Equipped with screw terminals with coin slot. Will take 1 or 2 phones or speakers or a combination of both.
XF6295—Your Cost Each **29¢**

Bakelite Insulated Jacks



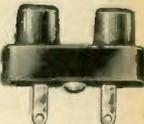
No. 407—These Jacks have attractively colored Bakelite caps; Red for Positive, Black for Negative. Tip nests all the way in the jack. These caps lessen danger of shorting. Mounts in 3/8" hole up to 1/4" panel thickness. One-Black; One-Red.
XF6445—List per Pair 35c
Your Cost **21¢**

YAXLEY Extension Shafts



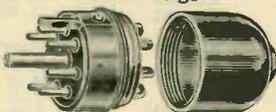
For use on volume controls and switches where longer shafts are required. All are 4" long.
XF6561—1/4" diam., 1/8" flat
XF6562—3/8" diam., 1/8" flat
XF6563—1/2" diam., 1/8" flat
Your Cost Each **15¢**
Any Size

Moulded Twin Tip Jacks



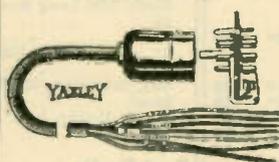
Shorting Type No. 432—The circuit is automatically closed when the tips are removed. Moulded bakelite with single hole mounting. Assembly completely insulated.
XF13035—List 25c
Your Cost **15¢**

YAXLEY Cable Connector Parts Pin Plugs



Featuring Bakelite insulation; positive spring contacts; no loosening of pins or springs in soldering. Polarized plugs; plainly marked terminals.
Cover Type
XF6375—No. 635—Pin plug with cover—7 conductor. List Price \$1.00
Your Cost **59¢**
XF6376—No. 625—Pin plug with cover—12 conductor. List Price \$1.25
Your Cost **73¢**
Broadcasting stations, auto radio receivers and other electrical and radio equipment have general use for these cable connectors.

YAXLEY Cables and Connectors



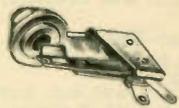
Brings battery wires to set in one compact cable, easily disconnected for cleaning. Can not be connected improperly. RMA color coded; tagged cables. Sub-panel types have bracket type male and round Bakelite female plugs. Shpg. wt. 2 lbs.
XF6400—No. 660—7 conductor cables 5 feet long for sub-panel mounting. Your Cost **\$1.76**
XF6401—No. 612—12 conductor cable 4 feet long for sub-panel mounting. Your Cost **\$2.94**

Yaxley Midget Jack Switches



No. 10—Midget Jack Switch requires less space on panel. Black Knob, Pointer and name plate. 3/8" hole mount. Single pole, single throw.
XF6446—List 50c
Your Cost **29¢**
No. 11—Single pole, double throw.
XF6447—List 65c
Your Cost **38¢**

YAXLEY Junior Jacks



Much smaller and requiring less mounting space than the long jack, they are used where space is at a premium. Extends only 1 1/4" behind panel. Shpg. wt. 6 ozs.
XF6450—No. 701—Open circuit. List 40c. Your Cost **23c**
XF6451—No. 702—Circuit closing. List 55c. Your Cost **32c**
XF6449—No. 702A—Two circuit List 55c Your Cost **32c**
XF6452—No. 703—Sin. Cir. Fil. Control. List 65c. Your Cost **38c**
XF6453—No. 704—Interstage. List 75c. Your Cost **44c**
XF6448—No. 706—Interstage Fil. Control. List 95c. Your Cost **56c**

NOTE

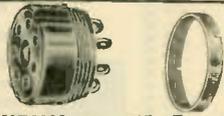
We can supply any Yaxley product not listed here at a discount of 40 and 2% from the list price. Other Yaxley items will be found listed on pages 140, 141 and 153.

Receptacle Plugs

Designed for easily and quickly making or breaking multiple connections. Are used in radio and other electrical equipment, auto receivers, sound equipment, etc.

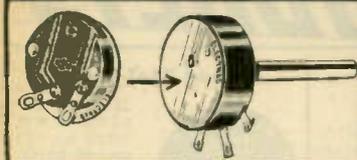
Ring Type

XF6379—No. 645—Receptacle plug with cover. List Price \$1.00
Your Cost—7 conductor **59¢**

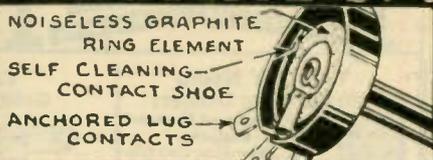


XF6380—No. 615—Receptacle plug with cover. List Price \$1.25
Your Cost—12 conductor **73¢**

ELECTRAD Volume Controls



with *new*
POWER SWITCH



The new Electrad Volume Controls are housed in Molded Bakelite Cases, with metal end covers. All have aluminum shafts which may easily be cut to any desired length. The resistance element is applied and baked at a high temperature to the flat outer surface of a Bakelite ring. This provides full 300-degree rotation, making a smoother control. The contact shoe is a highly polished alloy, held by a long bronze tension spring. It is self-aligning, self-cleaning, and continuously polishes the resistance element to a smoothness and quietness which increases with

use. The new Power Switch (approved by Underwriters), may be readily added or detached. The standard end cover is held rigidly to the case by means of a single screw; by merely loosening this screw, the end cover may be removed and the power switch substituted and secured by the same screw. Both end cover and switch cover are shaped and tapped identically, so that no adjustments are necessary when inter-changing.

| Manufacturer | Stock No. | Your Cost |
|--------------------------|-----------|-----------|
| A. C. Dayton Co. | | |
| AC-63, AC-65, AC-66..... | XG7904* | \$0.59 |
| Navigator..... | XG7973 | 1.27 |

| All American Mohawk Co. | | |
|---|---------|------|
| S-6, S-7, S-8, 90, J..... | XG7912* | .59 |
| Lyric J, H, 96, 90, C6, Lyric Model D, A..... | XG7902* | .59 |
| AC-226, 227..... | XG7904* | .59 |
| 6-Tube Electric Set, Mohawk, Lyric K B-7..... | XG7989 | 1.96 |
| 11-D, 19-D, 29-D, 34-D, 19-H, 29-H, 34-H..... | XG8075 | 1.33 |

| Amrad Corporation | | |
|--------------------------|---------|-----|
| AC-6, AC-6C, 84..... | XG7904* | .59 |
| 81..... | XG7906* | .59 |

| Atwater-Kent | | |
|---|---------|------|
| 37, 38, 40, 42, 43, 44, 46, 52, etc., Volume Control Strip..... | XG7992 | .25 |
| 55, 60, 66 Strip..... | XG7993 | .25 |
| 55, 55C, 60, 60C, 61, 61C, 66..... | XG7920* | .59 |
| 55, 55C Late Models..... | XG8076 | 1.59 |
| H Series..... | XG8016 | 1.85 |
| 82, 82F, 85, 85F..... | XG8026 | .68 |
| P, L1, L2..... | XG8092 | 2.00 |
| 80, 80F, 83, 83F..... | XG8023 | .92 |
| 84, 84F..... | XG8024 | 1.19 |
| 86, 86F..... | XG8025 | 1.19 |
| 82DC..... | XG8077 | .92 |
| 82G..... | XG8027 | .66 |
| 89, 89F, 85Q, 92, 627..... | XG7907* | .59 |
| 84, 84F, Early Models..... | XG7904* | .59 |
| 217, 427, 667, 510, 310-T, 310-J, 275, 165, 711-T, 711-R, 711-J, 708, 808-A, 217-D, 427-D, 667-D..... | XG8029 | 1.03 |
| 636, 766, 766-B..... | XG8034 | .73 |

| Bosch Radio | | |
|---|---------|------|
| 5, 20 Super-Het..... | XG7902* | .59 |
| 96, DC96, 146, 166, 176, 46AC, 126, 107, 116, 242E, 250, 312..... | XG7904* | .59 |
| 62DC, 44..... | XG7910* | .59 |
| 28, 29..... | XG7995 | .92 |
| 5-A, 205..... | XG7996 | 1.05 |
| 58, 62..... | XG8037 | .66 |
| 7A, 20, 20J, 20K, 20L, 31, 36, 73, 133, 135, 74..... | XG8039 | .92 |
| 80, 84..... | XG8040 | .66 |
| 60, 63..... | XG8041 | .66 |
| 48AC, 54DC..... | XG8052 | 1.45 |
| 58, Tone Control..... | XG7904* | .59 |
| 250, 312, Tone Control..... | XG7914* | .59 |

| Bremer-Tully | | |
|-----------------------------------|---------|------|
| 6, 14, 21, 31, 81-A..... | XG7903* | .59 |
| 81, 82..... | XG8093 | 1.05 |
| 7-70, 7-71, 8-20, 8-21, 8-22..... | XG7902* | .59 |
| S-81, S-82, 83, 25-Cycle..... | XG7910* | .59 |

| Brunswick | | |
|--|---------|------|
| B-17, 17-8, PR..... | XG7936 | .79 |
| 2KR, 5KR, 2KRO, 5KRO, 3KR8, 5KR6..... | XG7937 | .79 |
| 3NC8, 3NWA, 5NC8..... | XG7939 | .79 |
| 17, 24, 25, 4PA, D12, D16, D18, D33..... | XG7904* | .59 |
| S14, S21, S31, S81, S82..... | XG7997 | 1.32 |
| 10, DC14, DC21, DC31..... | XG7911* | .59 |
| 11, 12, 16, 33..... | XG7931 | .79 |
| 14, 21, 31..... | XG7903* | .59 |
| Phanotrope, Phono-Volume Control..... | XG8079 | .79 |
| 15B, Tone Control..... | XG7908* | .59 |

NOTE—A ★ following a control means it is a standard control, having an extra long shaft to meet all replacement purposes. These controls are supplied less A.C. switch. If your replacement calls for a switch type volume control, be sure to order the Electrad Snap-On A.C. Switch Assembly. All other volume controls are designed especially for the receiver specified.

| Manufacturer | Stock No. | Your Cost |
|--|-----------|-----------|
| Colonial Radio | | |
| 16-6, 16-5, 17-5, 20-21, 26DC, 31DC..... | XG7905* | .59 |
| 47, 48..... | XG7912* | .59 |
| 44, 50, 46..... | XG7902* | .59 |
| 32, 33, 32DC..... | XG7978 | 1.32 |

| | | |
|-----------------------|--------|------|
| Columbia Radio | | |
| Screen-Grid 8..... | XG8044 | 1.19 |

| Crosley | | |
|---|---------|-----|
| 76DC, 400, 410, 420..... | XG7918* | .59 |
| 608, 609, 1 1/4" Shaft..... | XG7972 | .66 |
| 804..... | XG7959 | .66 |
| Buddy, Chum..... | XG7916* | .59 |
| 30S, 31S, 33S, 34S..... | XG7966 | .66 |
| AC-7, AC-7C..... | XG7923* | .59 |
| 82S, 40S, 41S, 45S..... | XG7966 | .66 |
| 40S, Early Models..... | XG7967 | .66 |
| 77, 84, 92, 121, 121-1, Series B, 127, 91, Roamio Auto..... | XG7904* | .59 |
| 53, 54, 57, 58..... | XG7956 | .66 |
| 55, 56, 120..... | XG7902* | .59 |
| 704, Early Models..... | XG7929 | .66 |
| 122..... | XG7920* | .59 |
| 124, 125..... | XG7957 | .97 |
| 610, Female Shaft..... | XG7968 | .79 |
| Early 706, Long Shaft..... | XG7928 | .79 |
| 26..... | XG8045 | .66 |
| 59..... | XG8082 | .79 |
| 41, 41A, 42, 705, 706, Long Shaft..... | XG7998 | .79 |
| 602, 704, 704A, 704B, Short Shaft..... | XG8096 | .66 |
| Super Buddy 122, Johnny Smoker..... | XG7909* | .59 |

| Earl Radio | | |
|---|---------|------|
| 31, 32, 41..... | XG7903* | .59 |
| 21DC, 22DC, 32, 21AC, 22AC, 24DC, 31DC..... | XG8017 | 1.32 |
| 33DC..... | XG7908* | .59 |
| 31S, 32S, 33S..... | XG8053 | 1.45 |

| Edison Radio | | |
|---|---------|-----|
| SC, C1, C2, E-175, R1, R2..... | XG7964 | .66 |
| R-6, R-7..... | XG7987 | .66 |
| Spittdorf, 6-Tube..... | XG7905* | .59 |
| Abbey..... | XG7951 | .66 |
| R-200..... | XG7903* | .59 |
| R1, R2, R3, Front Unit, Regeneration Control..... | XG7999 | .79 |

FREE!

Volume Control Guide



This book contains in concise form a list of Electrad Standard and Special Volume Controls for replacement in a large number of radio receivers. It's FREE—write for it today.

| Manufacturer | Stock No. | Your Cost |
|------------------------|-----------|-----------|
| Eveready | | |
| 1, 2, 3..... | XG7995 | .92 |
| 30, 40, 50 Series..... | XG7990 | 1.96 |

| Fada | | |
|---|---------|------|
| 41, 42, 44, 46, 47..... | XG7907* | .59 |
| Model 45, KU..... | XG7920* | .59 |
| 472UA, CA, 45-72, 10, 11, 31, 10Z, 11Z, 30Z, 31Z, 50, 70, 71, and 72..... | XG7953 | .66 |
| 26Z, 265UA, CA, RP65UA, RP6Z, UA, 7AC, 475..... | XG7952 | .66 |
| 16, 17, 32, 16Z, 32Z, 18DC, and 1653-AB..... | XG7958 | .66 |
| 20, 20Z, 25, 25Z, 15M, 15MZ, 35 and 35Z..... | XG7927 | .66 |
| 75 and 77..... | XG7921* | .59 |
| KY Chassis used in 66 Receiver, RE Chassis used in 73, 85 Receivers; RA Chassis used in 74, 76, 83, 87, 88, 89 Receivers, 48, 49..... | XG7904* | .59 |
| KW Chassis used in 48, 49 Receivers (Neon Tube Control)..... | XG8083* | .59 |
| RA Chassis used in 74, 76, 83, 87, 88, 89-Neon Tube Control..... | XG7913* | .59 |
| KO, KOC; 51, 53, 57, 45..... | XG8083* | .59 |
| 43..... | XG8097 | 1.59 |
| RC; 78 and 79..... | XG8084 | 1.32 |

| Freed-Eisemann | | |
|---|---------|------|
| NR-90SAC..... | XG8053 | 1.45 |
| NR-78DC, NR79DC..... | XG7908* | .59 |
| NR-55, AC and DC, NR-56..... | XG8017 | 1.32 |
| NR-60, NR-70..... | XG7904* | .59 |
| NR-80AC, NR-80DC, NR-85AC, and NR-85DC (Strip)..... | XG8098 | .24 |

| Freshman | | |
|--|---------|------|
| Masterpiece, Equaphase..... | XG7905* | .59 |
| G, Q, 15, Q-16, 2H, M, 2N, QD-16S..... | XG7902* | .59 |
| H, K, L, LS..... | XG7904* | .59 |
| 31, 32, 33..... | XG8053 | 1.45 |

| General Electric | | |
|-------------------------------------|---------|-----|
| H-71, H-51, H-31..... | XG7943 | .79 |
| H-32..... | XG8014 | .66 |
| T-12..... | XG7933 | .66 |
| S-22..... | XG7944 | .79 |
| K-62, S-132..... | XG7934 | .66 |
| H-31, H-51, H-71, Tone Control..... | XG7906* | .59 |

| General Motors | | |
|--|--------|------|
| "A" Chassis; Models 120, 130, 140, 150 and 160..... | XG8021 | 1.96 |
| Chassis S1A, S1B; 216, 217, 219, 250..... | XG8057 | 1.05 |
| Chassis S2M, S2B, S3A, S3B; 251, 252, 253, 254, 255, 256, 257 and 258..... | XG8058 | 1.05 |
| Chassis S2A, S2B Tone Control..... | XG8101 | .66 |
| Chassis S4A, S4B..... | XG8085 | 1.05 |
| Chassis S4A, S4B; Tone Control..... | XG8059 | .66 |
| Chassis S9A, S9B, Model 211..... | XG8102 | 1.05 |
| Chassis S10A, S10B, Model 220..... | XG8056 | 1.05 |
| Chassis MA-MB Tone Control..... | XG8103 | .53 |

| Graybar Electric | | |
|-------------------------|--------|-----|
| Midget 8..... | XG7944 | .79 |
| 311..... | XG7937 | .79 |
| 600..... | XG7942 | .79 |
| 340..... | XG7939 | .79 |
| 500, 550..... | XG7938 | .79 |

ELECTRAD Volume Controls (Cont'd)

| Manufacturer | Stock No. | Your Cost |
|--|-----------|-----------|
| Graybar Electric (Cont'd) | | |
| 678, RC-3 | XG8054 | \$1.96 |
| 700, 770, 900 | XG7943 | .79 |
| 770, 900-Tone Control | XG7906* | .59 |
| 900 Phono Volume Control | XG8067 | .66 |
| Graybrette No. 4 | XG7933 | .66 |
| Grebe, A. H. | | |
| AC6, AC7, 428, HS-4 | XG7910* | .59 |
| AH-1 | XG7918* | .59 |
| SK-4 AC | XG8086 | .66 |
| Models 1, 2, 3, 4, SK-4DC | XG7911* | .59 |
| Kennedy | | |
| 10, 20, and 12 SG | XG7924* | .59 |
| 62 | XG8010 | .66 |
| 26 | XG7989 | 1.96 |
| 24 | XG8072* | .59 |
| 44, 48, 50, 42, 32, 34 | XG7912* | .59 |
| Royal | XG8106 | 1.27 |
| K-1323 DC | XG8107 | 1.32 |
| Kolster-Columbia | | |
| K-20, 21, 22, 23, 24, 25, 27, 28, 37 | XG7902* | .59 |
| K-70, 72, 80, 82, 90, 92 | XG7902* | .59 |
| K110, 112, 120, 122, 130, 132 | XG8074 | 1.06 |
| K-43 | XG8108 | 1.32 |
| K-45 | XG7921* | .59 |
| Majestic | | |
| 70 and 70B | XG7912* | .59 |
| 90, 91, 92, 100B | XG7903* | .59 |
| 130-A, 230-A | XG7918* | .59 |
| 20, 21, 22, 23 | XG7971 | .92 |
| 25 | XG7912* | .59 |
| 25B, 35 | XG7920* | .59 |
| 15, 15B, 150 | XG8002 | 1.19 |
| 60 Chassis | XG8003 | .66 |
| 180 Chassis | XG8004 | .66 |
| 150 Chassis: Phono Control | XG8005 | .66 |
| 25 Chassis | XG8006 | 1.19 |
| 90, 91, 92, 180, 181, 90B, 100B: Equalizer | XG8007 | .79 |
| 30 Chassis | XG8018 | 1.59 |
| 100 Chassis | XG8019 | 1.32 |
| 50 Chassis | XG8020 | 1.32 |
| 200 Chassis | XG8011 | .66 |
| 210 Chassis | XG8012 | .66 |
| 200 Chassis: Tone Control | XG8109 | 1.05 |
| 210 Chassis: Tone Control | XG8110 | 1.05 |
| 15 Chassis: Tone Control | XG8111 | .66 |
| 180, 181: Phono Control | XG7913* | .59 |
| 25 Chassis: Tone Control | XG7914* | .59 |
| 150 Chassis: Tone Control | XG7906* | .59 |
| 120, 120B | XG8112 | 1.32 |
| Philco | | |
| 5, 82, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581 | XG7962 | .53 |
| Transitone 95, 96, 96A, 30, 211, 211A, 15, 47, 91L, 91B, 91X, 111, 111A, 1, 2, 3, Tran 3 | XG7904* | .59 |
| 71H, 71L, 71B | XG7907* | .59 |
| 70, 70A, 90, 90A | XG8049 | 1.32 |
| 70, 70A: Serial Numbers above B-22000 | XG7904* | .59 |
| 76 | XG7915* | .59 |
| 95 | XG8071 | .66 |
| 112, 112A, 112E, 212, 212A | XG8070 | .66 |
| 20, 20A, 270, 220 | XG8080 | 1.32 |
| 50, 50A | XG7948 | 1.32 |
| 51, 51A | XG7902* | .59 |
| 65 | XG7910* | .59 |
| 53 | XG8043 | 1.03 |
| 19 | XG8046 | .73 |
| 89 | XG8062 | .73 |

| Manufacturer | Stock No. | Your Cost |
|---|-----------|-----------|
| RCA-Victor | | |
| Radiola 16 | XG7935 | \$0.92 |
| Radiola 17, 50, 41, 7-25, 7-54 | XG7936 | .79 |
| Radiola 18, 33, 51, 7-11, 7-26 | XG7937 | .79 |
| Radiola 44, 46, 47 | XG7938 | .79 |
| Radiola 60, 62 | XG7939 | .79 |
| Radiola 64, 67, 9-18, 9-54 | XG7940 | .79 |
| Radiola 64 Sensitivity Control | XG7941 | .79 |
| Radiola 66 | XG7942 | .79 |
| 80, 82, 86 | XG7943 | .79 |
| R-5, R-5X | XG7933 | .66 |
| Supernote R-7, 7A | XG7944 | .79 |
| R8, R10, R11, RE18, R21, RAE26 | XG7934 | .66 |
| Supernote R-7, 7A; Tone Control | XG8065 | .66 |
| Radiola 46 DC | XG8013 | .66 |
| R50, R55, RAE59, RAE79 | XG8014 | .66 |
| RAE26, R-11: Tone Control | XG8066 | 1.05 |
| RAE26, RE18, 86: Phono Control | XG8067 | .66 |
| 82, 86: Remote Control, Single Control | XG8099 | .66 |
| 82, 86, 35, 57, RAE79: Remote Control, Dual Control | XG8100 | 1.32 |
| RC-3, 42, 48, 13, 15, 17 | XG8054 | 1.96 |
| 35, 39, 57 | XG7986 | 1.96 |
| R-32, RE-45, R-52, RE-76 | XG7979 | 1.05 |
| RE-59: Phono Control | XG8116 | .92 |

| Manufacturer | Stock No. | Your Cost |
|--|-----------|-----------|
| Silver-Marshall | | |
| 4SM-730 Around the World | XG7903* | .59 |
| 782, 770, 714 | XG8091* | .59 |
| C Super, Model A, Model F, D, E, and 726 | XG7911* | .59 |
| 722-30, 30B, 60B, 75B, 90B, 712, B | XG7924* | .59 |
| Model Y-39 | XG8117 | .92 |
| Spartan | | |
| 5, 9 | XG7949 | 1.05 |
| 10 | XG7948 | 1.05 |
| 15 | XG7947 | 1.05 |
| 25, 26 | XG7946 | 1.05 |
| 110, 301, 101, 103, 109, 589, 930, 931, 79A, 69, 591, 593, 570, 740, 750, 564, 600, 610, 620, 737, 574, 870, 111A, 89A | XG8118 | .66 |
| 410, 420, 600A, 610A, 620A | XG7983 | 1.59 |
| 41 | XG7913* | .59 |
| 62, 63 | XG7903* | .59 |

| Manufacturer | Stock No. | Your Cost |
|--|-----------|-----------|
| Steinitz | | |
| 40, 50, 102, 40C, 60C, 102C, 70, 80, 95, 991, 992, 993, 26, 15, 412, 420, 15 Chassis; 210, 230, 450, 17 Chassis, 16, 90, 990 | XG7903* | .59 |
| 421, 425, 21 Chassis, 203, 600, 605, 630, 635, 642, 643, 22 Chassis, 22, 28, 261, 262, 423, 23 Chassis | XG7912* | .59 |
| Stewart-Warner | | |
| 950DC, 970, R100C DC | XG8022 | 1.32 |
| 900, 811, 500, 520, 525, 806 | XG7903* | .59 |
| 950 AC, R100A, R100B, R100E R101A R101M | XG7925 | .66 |
| 530, 535 | XG7904* | .59 |
| R-104A | XG8119 | .66 |
| R-106A | XG8120 | .92 |
| R110A, R110E | XG8121 | .92 |
| R-111 | XG8122 | .92 |

| Manufacturer | Stock No. | Your Cost |
|----------------------------------|-----------|-----------|
| Stromberg-Carlson | | |
| 635, 636, 638, Short Shaft | XG7901 | \$0.66 |
| 635, 636, 638, Double Shaft | XG7961 | .53 |
| 846, 848, Double Shaft | XG7965 | .66 |
| 846, 848, Long Shaft | XG7900 | .66 |
| 641, 642, 652, 654: Long Shaft | XG7900 | .66 |
| 641, 642, 652, 654: Double Shaft | XG7960 | .53 |
| 638 DC | XG7932 | .66 |
| 10, 11, 16, 17, 25, 26 | XG8030 | .92 |
| 19, 20, 21 | XG8031 | .66 |
| 12, 14 | XG8032 | .66 |
| 25, 24, 27 | XG8033 | .92 |
| 19, 20, 21; Tone Control | XG8034 | .79 |
| 37 | XG8050 | 1.32 |
| 38, 39, 40 | XG8123 | 1.59 |
| 645 DC: Double Shaft | XG8124 | .53 |
| 645 DC: Long Shaft | XG7900 | .66 |
| 48, 49, 60, 61 | XG8063 | 1.47 |
| 52, 54 | XG8064 | 1.47 |

| Manufacturer | Stock No. | Your Cost |
|---|-----------|-----------|
| U. S. Radio and Television | | |
| Case 80, Apex 36, 37, 50, 60, 90 | XG7902* | .59 |
| Apex 31, 32, 33DC, 30, 26, 29, 32, 49, 20, 99 Series | XG8083* | .59 |
| Gloriatone Early 27 | XG7918* | .59 |
| Gloriatone 28, 29, 32, Apex 41, 43, 46, 47, 42, 44, 48, 48A | XG7916* | .59 |
| 8 Series, 10 Series | XG7907* | .59 |
| Gloriatone 26P | XG8126 | .66 |
| Gloriatone Late 27 | XG8127 | .92 |

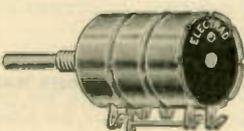
| Manufacturer | Stock No. | Your Cost |
|----------------------------------|-----------|-----------|
| Westinghouse Electric | | |
| WR-4 | XG8054 | 1.59 |
| WR-5, 6, 7 | XG7943 | .79 |
| WR-8 Remote Control | XG8099 | .79 |
| WR-10, 10A | XG7944 | .79 |
| WR-14 | XG7933 | .66 |
| WR-15 | XG7934 | .66 |
| WR-15: Tone Control | XG8066 | 1.06 |
| WR-10: Tone Control | XG8065 | .66 |
| WR-7, WR-8: Phono Volume Control | XG8067 | .66 |

| Manufacturer | Stock No. | Your Cost |
|--|-----------|-----------|
| Wholesale Radio Service Co. Inc. | | |
| Duo Symphonic | XG7903* | .59 |
| Duo Symphonic Jr., 1931, AC524, Pre-Selector | XG7902* | .59 |
| Series 20, Super-Het | XG7904* | .59 |
| Duo Symphonic: Tone Control | XG7907* | .59 |

| Manufacturer | Stock No. | Your Cost |
|--|-----------|-----------|
| Zenith Radio | | |
| 14, 15, 16, 39, 6-Tube Zenette, 33, 34, 35, 35A, 34Z, 352, 352A, 362, 333, 353, 34P, 342P, 40A, 41, 42, 422, 35PX, 35APX, 352PX, 352APX, 37A, 55 | XG7903* | .59 |
| 52, 53, 54, 60, 61, 62, 64, 67, Hyper-Merton, 82, 89, 82Z, 89Z, 10, 102, 112, 122, 70 | XG7976 | 1.59 |
| 602, 613, 622, 642, 672, 11, 12, 80 | XG7906* | .59 |
| 5-Tube Zenette, LH, WH, MH | XG7902* | .59 |
| 5-Tube Zenette, BH, LH, WH, 80, Super-Merton: Tone Control | XG7906* | .59 |

ELECTRAD T Pad Attenuator

A network of three resistances housed in a large moisture-proof case. Two sections offer constant resistance to the input and output circuits while a tapered section provides smooth attenuation of the volume level. Useful for the volume control of microphones, electrical phonographs, talking picture amplifiers and other sound amplifying and distribution systems. Constant impedance is maintained throughout the adjustment of the knob.



| Stock No. | Resist. Ohms | Stock No. | Resist. Ohms |
|-----------|--------------|-----------|--------------|
| XG7705 | 15 | XG7707 | 500 |
| XG7712 | 50 | XG7708 | 3000 |
| XG7706 | 200 | XG7709 | 5000 |

Your Cost, Any Size **\$2.10**

Super T Pad Attenuator

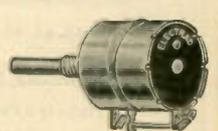
A brand new line of constant impedance attenuators of the tap switch variety, utilizing self-cleaning contacts that are noiseless in operation over long periods of time. The resistor elements are wire-wound and maintain their calibration; are non-inductive, low capacitive and absolutely quiet. Even attenuations are obtained up to 44 DB in 4 DB steps. Will carry 8 watts of signal energy safely. Shpg. wt. 3 lbs.



XG7710—200 ohms impedance.
XG7711—500 ohms impedance.
Your Cost, Either Type **\$7.50**

ELECTRAD L Pad Attenuator

Recommended for individual control of magnetic speakers such as those used in centralized school systems, hotels, hospitals, or where one or more speakers are added to the home receiver. Two elements provide constant resistance to the line with smooth volume control of the individual speaker without changing adjustment of other speakers on the same line. Units employ "pressure type" contact shoes of the "self-cleaning" type. Housed in moisture-proof metal case. Shpg. wt. 1 lb.



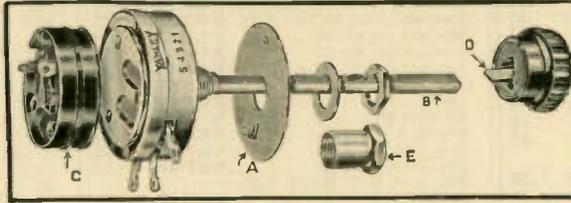
| Stock No. | Resist. Ohms | Stock No. | Resist. Ohms |
|-----------|--------------|-----------|--------------|
| XG7700 | 15 | XG7702 | 500 |
| XG7713 | 50 | XG7703 | 3000 |
| XG7701 | 200 | XG7704 | 5000 |

Your Cost, Any Size **\$1.50**

YAXLEY VOLUME CONTROLS

APPROVED RADIO PRODUCTS

- A** Minimum Bias Adjustment. On All Bias Controls.
- B** 4-inch Shaft of Special Alloy.
- C** Power Switch (Approved by Underwriters) Easily Attached to Any Control.



- D** Knob Adapter. Allows Shaft to Take Any Type of Knob; Set Screw, Spring or Philco Type.
- E** Extension Bushing. May be Added To Any Control. Extends Through a 5/8" Panel.

| Manufacturers | Stock No. | Your Cost |
|---|-----------|-----------|
| ALL AMERICAN MOHAWK CORP. | | |
| 6 tube AC 60, 61, 62, 65, 66 | | |
| 6 tube Elec. | XF6672 | \$0.59 |
| Model J Chassis, Kellogg type S-50 | XF6673 | .59 |
| Lyric "K" 5 tube Batt., 7 tube DC, 5 tube AC, 6 tube 1926 AC, Sextette, 226-7 Contact, Sw-80, SA-65, SA-130 | XF6680 | .59 |
| 83, 85, 88, 8T | XF6690 | .73 |

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| A. C. DAYTON COMPANY | | |
| Navigator | XF6674 | .59 |
| AC-66, AC-63, AC-65 | XF6678 | .59 |

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| AMERICAN BOSCH CORP. | | |
| 251, 359, 355, 360, 10, 242, 243, 260, 261 | XF6680 | .59 |

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|---|--------|------|
| AMERICAN BOSCH MAGNETO CORP. | | |
| 58 and 62 | XF6671 | .59 |
| Model 80 Auto | XF6675 | .59 |
| 46-AC, 126, 146, 166, 176, 107 Batt., 116 Batt. | XF6679 | .59 |
| 54-DC, 48 and 49 | XF6685 | 1.47 |
| 251, 350, 355, 360 | XF6680 | .59 |
| 10, 242, 243, 260, 261 | XF6680 | .59 |
| 73 (Tone) | XF6677 | .59 |

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| ATWATER-KENT | | |
| 86, 86-F, 1st and 2nd type, 43, 44, 45, 82, 82-F, 85, 85-F, 86, 86-F | XF6668 | .59 |
| 87 1st type, 87 3rd type | XF6671 | .59 |
| 84, 84-F, 87 | XF6671 | .59 |
| 567, 567-F, 90, 90-F, 80, 80-F, 83, 83-F | XF6672 | .59 |
| H-2 72-series H-1, 81 Auto | XF6676 | .59 |
| 228-Q Batt., 82-Q, 2nd type Batt., 85-Q, 1st type 85-Q, 2nd type, 82-Q, 84, 84-F | XF6678 | .59 |
| Early 84-Q, 67, 67-C | XF6679 | .59 |
| 89-39-F | XF6679 | .59 |
| 246, 424, 534, 81, 81-B, 81-C, 91-B, 91-C, 91, 636 Auto, 756, 756-B auto | XF6680 | .59 |
| 711, 808-A, 228-D, 480, 260, 260-F, 1st and 2nd type, 228, 228-F, 188, 188-F, 2nd, 188, 188-F 1st, 448 | XF6680 | .59 |
| 89, 89-F, 89-P 3rd type, 155 (3rd type) above serial 7, 088, 700, 92, 02-F, 96 (1, 2, 3), 165, 217, 427, 667, 217-D, 427-D, 667-D, 246, 266 2nd type, 310, 510, 555, 708, 808, 425, 465, 812, 627, 612, 99 (1, 2, 3 types), 469-D, 558-D, 260, 260-F | XF6680 | .59 |
| 37, 38, 40, 42, 43, 44, 45, 52 (Strip Only) | XF6656 | .29 |
| 55, 60, 61, 66 (Strip Only) | XF6657 | .29 |
| 70, 74, 76, 76-P Chassis, D2, 87-D | XF6684 | 1.47 |
| L2, type F, P, type Q-2 Batt., D-1, D-2 | XF6686 | 1.47 |
| 72-Chassis H-1, H-2, 76-Chassis Q | XF6687 | 1.47 |

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| BALKEIT RADIO CO. | | |
| B-7, B-9 | XF6671 | .59 |
| A-3, A-5, A-7 | XF6678 | .59 |
| L-8, L-7 (Tone) | XF6680 | .59 |

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| BELMONT RADIO CORP. | | |
| 45, 46, 50, 50-A, 50-B, 60, 70, 40-AC, 40-A-AC, 50-C | XF6674 | .59 |
| 425 | XF6678 | .59 |
| 660 Auto, 625, 550, 530, 525 | XF6680 | .59 |

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| BREMER-TULLY MFG. CO. | | |
| S-14, S-21, S-31, 83, S-81, S-82 | XF6671 | .59 |
| 81-A, 81, 82 | XF6676 | .59 |

PRICES DO NOT INCLUDE SWITCH

Snap-on Switch will fit any type Yaxley Volume Control. Easily attached. XF6564 Your Cost **21¢**

Double Pole, Single Throw Switch Plate

Switch "makes" another circuit when power switch is in "off" position. Same size and shape as standard switch cover. Fits all controls. List 50c. XM12853 - Your Cost Each **29¢**

| Manufacturers | Stock No. | Your Cost |
|--|-----------|-----------|
| BRUNSWICK RADIO | | |
| 3-NW-8 | XF6669 | \$0.59 |
| S-14, S-21, S-31, S-81, S-82 Brunswick | XF6671 | .59 |
| DC-14, DC-21, DC-31 | XF6672 | .59 |
| 14, 21 | XF6676 | .59 |
| 31-AC | XF6678 | .59 |
| "D" AVC, 17-24, 25-AC | XF6680 | .59 |

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|---|--------|------|
| COLONIAL RADIO CORP. | | |
| 250, 279, 300, 301, 500, 250-AC, 279-AC, 300-AC, 301-AC | XF6671 | .59 |
| 44, 50, 46, 47, 48, 73, 76, T-345, C-399, T-397, C-495, 52, 96, 99, 100, 62, 62-E, 96, 91, 92, 75 | XF6675 | .59 |
| 700-AC, 702 | XF6680 | .59 |
| 71 | XF6666 | .59 |
| 32AC | XF6686 | 1.47 |

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|--------------------------------|--------|-----|
| COLUMBIA PHONOGRAPH CO. | | |
| 31, 33 | XF6672 | .59 |
| 32, 34, Screen Grid 8 | XF6674 | .59 |
| SG-10, SG-5, 1930 | XF6677 | .59 |

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| CROSLEY RADIO CORP. | | |
| 121 | XF6668 | .59 |
| 608, 609, 610, 32, 40, 41, 41-A, 42 | XF6670 | .59 |
| 129-1 | XF6670 | .59 |
| 127, 131 | XF6670 | .59 |
| 122, 123, 124 | XF6671 | .59 |
| 59, 160, 122, 171, 146-1, 161, 163, 172, 173, 174, 176, 166, 141, 148, 147 | XF6672 | .59 |
| 135 | XF6672 | .59 |
| 155 | XF6672 | .59 |
| 154, 167, 167 Series 2, 159, 169 | XF6674 | .59 |
| 602-AC, 120 | XF6674 | .59 |
| 28, 53, 54, 55, 56, 57, 58, 771, 48 | XF6676 | .59 |
| 90 Auto Roamio | XF6677 | .59 |
| 53, 26, 55 | XF6678 | .59 |
| 76, 77, 84, 120, 126, 127, 128, 91 | XF6679 | .59 |

NOTE

Minimum bias plates are standard equipment on all bias controls. Minimum settings of from 100 to 500 ohms are provided, in five steps. Special alloy shaft may be notched, then easily broken at the proper point without the need for cutting with a hack saw.

FREE: Write for your copy of the new 120 page Yaxley volume control manual. It contains valuable data on all types of volume control circuits.

| Manufacturers | Stock No. | Your Cost |
|--|-----------|-----------|
| 95 auto 160, 146, 175, 134, 134-1, 171-1, 164, 168, 170, 157, 158, 146-1 | XF6682 | \$0.59 |
| 30-S, 31-S, 33-S, 34-S, 63 | XF6691 | .73 |
| 76 | XF6692 | .73 |
| 704, 704-A, 704-B, 705, 706 | XF6693 | .73 |
| 130, 136-1, 132-1, 130-1 | XF6689 | 1.47 |

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| EARL RADIO CORP. | | |
| Freshman "G" Early | XF6672 | .59 |
| 31-DC, 33-DC, Earl 21-DC, 21, 22-AC, 24-DC | XF6679 | .59 |
| Later "G" K, K-69-S, L, LS | XF6680 | .59 |

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| EDISON, THOMAS A. | | |
| Splittorf "E" 175, M-5, M-6 | XF6674 | .59 |
| R-200 | XF6677 | .59 |
| R-6, R-7 | XF6680 | .59 |
| R-1, R-2, C-2, Chassis Junior JC | XF6684 | 1.47 |
| R-4, R-5, C-4, R-4-DC, R-5-DC | XF6685 | 1.47 |

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| EMERSON RADIO & PHONOGRAPH CORP. | | |
| AW-55 | XF6675 | .59 |
| H-5, 30-AW, 33-AW, 250-AW, 321-AW, 350-AW, 420 (V-4) Auto, 409, 410, 411 (A-4), 415, 416, (Mickey Mouse) | XF6676 | .59 |
| 20-A, 25-A | XF6679 | .59 |
| 77, 40, 375, 375-LW | XF6681 | .59 |

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| FREED-EISEMAN RADIO CORP. | | |
| NR-85-AC, NR-80-DC type | XF6674 | .59 |
| NR-80-AC | XF6674 | .59 |
| NR-90-S | XF6676 | .59 |
| NR-95-AC, NR-78, 79-AC | XF6677 | .59 |

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|---|--------|------|
| FADA | | |
| 51 (Ko), 53, 57 (LOC), 45 (KU) | XF6673 | .59 |
| 265-UA, RP-65-UA, 262 UA, RP-62-UA, 122 (KE) Batt., 75, 77 | XF6676 | .59 |
| 48, 49 (KW), 81, 82, 84, 86 (KB) 42, 44, 46, 41 and 47 | XF6680 | .59 |
| 11Z, 30Z, 31Z, 50, 70, 71, 72 | XF6639 | .73 |
| 35B, 43 | XF6685 | 1.47 |
| 55 (RG), 103 (RL), Fadalette | XF6674 | .59 |
| "RW" (133, 134, 135), "RU" (131, 132), "RS" (112), "RY" (105, 106, 107), "RX", KY66 and 66 KY late (above 2000 Serial), "RE" (75, 85), 78-10, 79-10, 97-10, "RA" (74, 76, 83, 88, 89) | XF6680 | .59 |
| 78, 79 | XF6689 | 1.47 |

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| GENERAL ELECTRIC COMPANY | | |
| H-31, H-51, H-71 | XF6672 | .59 |
| H-91, H-91-R | XF6677 | .59 |
| T-41 | XF6694 | 1.76 |

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| GENERAL MOTORS RADIO CORP. | | |
| 216, 217, 219, 250, 200, 201, E-2, (Batt.) 211, S-9-A, S-9-B, S-1, S-B-1 | XF6677 | .59 |
| 252, 253, 254, 255, 256, 257, 258, 251 | XF6680 | .59 |
| "M.A." Little cr General, 110, 180, 190 Little General | XF6685 | 1.47 |
| 120, 130, 140-Chassis A and B | XF6686 | 1.47 |
| 251 (Tone) | XF6677 | .59 |
| 252, 253, 254, 255, 256, 257, 258, 216, 217, 219, 250 (Tone) | XF6678 | .59 |

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| GRAYBAR ELECTRIC CO. | | |
| 600 | XF6668 | .59 |
| 700, 770, 900 | XF6672 | .59 |
| 678 | XF6694 | 1.76 |

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| A. H. GREBE & CO., INC. | | |
| AH-1 | XF6669 | .59 |
| SK-4 (AC) | XF6670 | .59 |

| Manufacturers | Stock No. | Your Cost |
|---|-----------|-----------|
| A. H. GREBE & CO., INC. (Cont'd) | | |
| Synchrophase SK-4, Type 428, Synchrophase AC-6, Type AC-7, 89, "HS-4" (Types 1, 2, 3, 4) | XF6672 | \$0.59 |
| SK-4-DC, 79-7 tube | XF6674 | .59 |
| HS-6, HS-12 | XF6687 | 1.47 |
| GRIGSBY-GRUNOW CO. | | |
| 130-A, 230-A | XF6669 | .59 |
| 21, 22, 23, Model 20 Chassis | XF6672 | .59 |
| 44, 49, 194, 440, 25 | XF6673 | .59 |
| 55 | XF6674 | .59 |
| 70-B, 158, 15, 15-B, 35 | XF6675 | .59 |
| 370, 400, 400-A | XF6676 | .59 |
| 380 | XF6677 | .59 |
| 114, 116 Auto (Types 1, 2, 3, 4), 390, 210, 290, 229, 310-A, 310-B (2 types), 3210, 330, 360, 340, 85, 86, 009, 95, 105, Batt. 300 | XF6679 | .59 |
| 460, 461, 463, 66 Auto, 55, 59, 75, 195, 560, 566, 490, 491, 493 | XF6679 | .59 |
| 200 | XF6680 | .59 |
| 90, 90-B, 100 | XF6695 | .73 |
| 60, 61, 62, 160, 163 | XF6696 | .73 |
| 30, 50, 52 | XF6703 | 1.47 |
| 90, 90-B, 100, 100-B (Equalizer) | XF6697 | .88 |
| HALSON RADID CORP. | | |
| 515, 515-SW, 516, Dual Range (LW and BR), 20-B AC-DC, 615-DC | XF6674 | .59 |
| NS-50-20-A-AC-DC | XF6674 | .59 |
| 610 | XF6674 | .59 |
| NS-40-AC-DC | XF6679 | .59 |
| INTERNATIONAL RADIO CORP. | | |
| AW-55 | XF6675 | .59 |
| JS-Kadette | XF6679 | .59 |
| AB-Kadette | XF6679 | .59 |
| F Kadette Jr. (types 3, 4) | XF6681 | .59 |
| F Kadette Jr. (types 1, 2) | XF6682 | .59 |
| KELLOGG SWITCHBOARD & SUPPLY CO. | | |
| AC-7, Chassis-B Screen Grid | XF6674 | .59 |
| 533, 534 | XF6677 | .59 |
| 701 | XF6678 | .59 |
| COLIN B. KENNEDY CORP. | | |
| Royal, 10, 20, 30, 32, 42, 44, 48, 50, 55, 84 Short Wave | XF6674 | .59 |
| Short Wave used in 826-B | XF6674 | .59 |
| 62, 52-A, 80, 66, 66-A, 66-B | XF6680 | .59 |
| 22 | XF6685 | 1.47 |
| KOLSTER RADIO INC. | | |
| 950, 961 | XF6674 | .59 |
| K-20, 21, 22, 23, 25, 27, 24, 28, 30, 32, 42, 43, 44, 70, 72, 80, 82, 90, 92, B-10, 6-J, 6-R, 6-K | XF6675 | .59 |
| K-63, K-73, K-83, K-93, K-103, K-45, Automatic, Screen Grid, B-15, B-16 | XF6676 | .59 |
| C-1, C-2, C-4, C-5, C-6, C-7, 205, 980 | XF6680 | .59 |
| K-110, K-120, K-122, K-133, K-143, K-114, K-130, K-132, K-113, K-123 K-140, K142 | XF6680 | .59 |
| MONTGOMERY WARD & CO. | | |
| 2822, 2827, 2895, 2897 | XF6668 | .59 |
| 62-7, 62-8, 62-9 | XF6675 | .59 |
| 62-010 | XF6676 | .59 |
| 62-7, 62-8, 62-93, 32-V | XF6676 | .59 |
| 62-38, 62-40, 62-50, Grenadier Recital | XF6679 | .59 |
| 62-89 | XF6682 | .59 |
| NATIONAL CARBON CO. (Eveready) | | |
| 30, 40, 44 | XF6668 | .59 |
| 1, 2, 3 | XF6671 | .59 |
| 52, 53, 54 | XF6686 | 1.47 |
| PHILCO | | |
| Series 511, 51 and 51-A, Series 5-A-C, 82, 86, 53, 48 | XF6674 | .59 |
| 15, 15-A and 15-E, 91, (121-221) 91-A, 91-E | XF6679 | .59 |
| Transitone Auto 3, 90 and 90-A, 30-Batt., 490, 211, 211-A, 112 and 112-A, 212 and 212-A, 111 and 111-A, 95, 96, 96-A, 296, 206-A, 3, Auto, 70, 70-A, 90, 90-A, 22-L, 23-X | XF6680 | .59 |
| 800 Auto, 5-Transitone, 89, 19, 47DC (121-221), 54, 43 | XF6680 | .59 |
| 15, A-15 and E-15 | XF6681 | .59 |
| 71, A-71, E-71, A-91 and E-91 | XF6681 | .59 |
| 76 | XF6667 | .59 |

| Manufacturers | Stock No. | Your Cost |
|---|-----------|-----------|
| 90 and 90-A, 45's, 70 and 70-A, 270 and 270-A, No. AVC, 470, 470-D, 20, 20-A, 41, 42-DC, 220, 220-A | XF6683 | \$1.47 |
| RCA VICTOR COMPANY INC. | | |
| 110, 111, 115 | XF6671 | .59 |
| 210, 310, R-28-P, R-29, R-40, RE-40-P | XF6671 | .59 |
| Radiola 80, 82, 86, RE-16-A | XF6672 | .59 |
| 100, 101, 112 | XF6672 | .59 |
| R-22-122 | XF6672 | .59 |
| R-7, R-7-A | XF6672 | .59 |
| R-50, R-55, RA-E-59, M-30, RE-81, R-74, 76, R-77, R-71, R-72, 300, 141-B, 142-B, 21, 22, 43 | XF6677 | .59 |
| R-27 Premax, P-1, R-17-M, R-18-W, R-27 | XF6679 | .59 |
| R-35, R-39, RE-57 | XF6687 | 1.47 |
| R-7, R-70A, R-9, R-4, R-6, Radiola Superette | XF6621 | .73 |
| R-15, R-48, R-42 | XF6694 | 1.47 |
| R-32, R-52, Re-45, Re-75, RE-154, (Dual) | XF6698 | 1.47 |
| SILVER MARSHALL | | |
| 600, 660-B Amplifier, 34-A SM-712, 722-B, Selector Seven 30, 30-B, 60-B, 75-B, 90-B, 722-DC Bearcat Mid-geet, 37, 38, 39, 782 | XF6674 | .59 |
| SM-714 | XF6677 | .59 |
| 729-SW, Z-13, Z Deluxe | XF6680 | .59 |
| SPARTON | | |
| 15 | XF6669 | .59 |
| 45 Visionola, 30, 25, 26, 35 | XF6672 | .59 |
| AC-62, 63, AC-7 | XF6672 | .59 |
| 600, 610, 620, 235, 589, 27-AC, 29, 750, 564, 737, 574, 670, 5, 9 | XF6675 | .59 |
| 931, 301-AC, 79-A, 89, 69, 89-A, 101-103, 109-930, Sparks Ensemble, 101 Automatic | XF6677 | .59 |
| 61, 62, 71, 71-B, 36 Auto, 33 Auto | XF6679 | .59 |
| 79-A, 69-A, 591, 593 | XF6699 | .73 |
| 410, 750, 870, 931, 420, 430 | XF6700 | 1.47 |
| STEINITE | | |
| No. 22, 28 | XF6671 | .59 |
| 261, 262 | XF6674 | .59 |
| 990, 991, 992, 993 | XF6677 | .59 |
| 15, 17 | XF6678 | .59 |
| STEWART WARNER CO. | | |
| No. 530-535 | XF6671 | .59 |
| 950 Series, R-100-A, R-100-B, R-100-E, R-100 | XF6676 | .59 |
| R-120-EF | XF6680 | .59 |
| 305-310, 315-325, 330-335, 340 Batt. | XF6667 | .59 |
| 950-AC, R-100-A | XF6701 | .73 |

| Manufacturers | Stock No. | Your Cost |
|--|-----------|-----------|
| R-100-C-DC, 950 Series Batt., 970-DC, 950-DC | XF6687 | \$1.47 |
| STROMBERG CARLSON | | |
| 16-DC, 17-DC | XF6669 | .59 |
| 10, 11, 19, 20, 25, 26 | XF6669 | .59 |
| 52, 54 | XF6680 | .59 |
| 33 Auto, 48, 49, 50, 51, 64 | XF6681 | .59 |
| 12, 14 | XF6684 | .73 |
| 22, 24, 27 | XF6650 | .73 |
| 635, 636, 638 (Short Staff) | XF6652 | .59 |
| (Double Staff) | XF6654 | .73 |
| 846, 848, (Double Staff) | XF6655 | .73 |
| (Long Staff) | XF6651 | .73 |
| 641, 642, 652, 654 (Long Staff) | XF6651 | .73 |
| (Double Staff) | XF6653 | .73 |
| 38, 39, 40, 41, 37 | XF6689 | 1.47 |
| 19, 20, 33 Auto (Tone) | XF6678 | .59 |
| TRANSFORMER CORP. OF AMERICA (CLARION) | | |
| 90, 91, 92, 94, 95, AC-94, 25-C-94 | XF6668 | .59 |
| 40 | XF6672 | .59 |
| 220, 100 | XF6672 | .59 |
| 320 | XF6674 | .59 |
| Clarion Jr. 60, 60 Jr., AC-60, 25-C-60, 51, 53, 55 | XF6676 | .59 |
| 422, 423, 425, 440 | XF6676 | .59 |
| 260, 340, 470, 472, 480, 280 | XF6681 | .59 |
| U. S. RADIO AND TEL. CORP. | | |
| Gloriatone No. 28, 29 | XF6668 | .59 |
| 48, 48-A | XF6668 | .59 |
| Gloriatone Early 27 | XF6669 | .59 |
| Gloriatone Late 27 | XF6673 | .59 |
| Apex 29, 31, 32, 33 | XF6673 | .59 |
| Apex 49 Batt. No. 30 Auto | XF6674 | .59 |
| Case No. 80 | XF6674 | .59 |
| Apex 36, 37, 50, 60, 90 | XF6674 | .59 |
| WESTINGHOUSE ELEC. & MFG. CO. | | |
| WR-5, WR-6, WE-7, WE-8 | XF6672 | .59 |
| WR-4 | XF6694 | 1.76 |
| WHOLESALE RADIO SERVICE CO. | | |
| L-20 | XF6674 | .59 |
| M-31, Jr. 1931 | XF6674 | .59 |
| AC-524, Duo Symphonic Lafayette | XF6675 | .59 |
| L-1 | XF6678 | .59 |
| Great Duo Symphonic | XF6685 | 1.47 |
| ZENITH RADIO CORP. | | |
| 2004, 10, 11, 12, 102, 112, 122, 80 (Series) | XF6677 | .59 |
| 712, 755, 756, 474, 2056, 2056-1, 460 Auto, 230, 240, 245, 771-AC-DC, 91, 92 | XF6680 | .59 |
| 462, 650-HD, 651-HE, 660-TD, 661-TE, 760, 765, 767, 475, 770-B, 775-B, 476-B | XF6680 | .59 |
| 50, 60, 70 (Series) | XF6619 | 1.47 |
| 50, 60 (Single unit may be used if desired) | XF6702 | .59 |
| 740 (Tone) | XF6678 | .59 |

YAXLEY Universal REPLACEMENT CONTROLS

All Universal Controls supplied with 4-inch shafts of special alloy. To shorten, just notch with cutters or knife, and break off. All bias controls provided with new minimum bias features; bias may be set from 1 to 500 ohms in five steps. Shaft provided with adapter so that any type of knob (including Philco) may be used. Extension shafts for these controls listed on page 137. Switch easily attached to any control. "WW" indicates wire wound control, "HR" indicates graphite element controls.

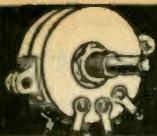
| Stock No. | Yaxley No. | Type | Res. Ohms |
|-----------|------------|------|-----------|
| XF6660 | Q | WW | 2 |
| XF6661 | R | WW | 6 |
| XF6662 | S | WW | 10 |
| XF6663 | T | WW | 20 |
| XF6664 | U | WW | 30 |
| XF6665 | V | WW | 60 |
| XF6666 | W | WW | 100 |
| XF6667 | X | WW | 200 |
| XF6668 | A | WW | 500 |
| XF6669 | B | WW | 1000 |
| XF6670 | C | WW | 2000 |
| XF6671 | D | WW | 3000 |
| XF6672 | E | WW | 5000 |
| XF6673 | F | WW | 7500 |
| XF6674 | G | WW | 10000 |
| XF6675 | H | WW | 15000 |
| XF6676 | J | HR | 25000 |
| XF6677 | K | HR | 50000 |
| XF6678 | L | HR | 100000 |

| Stock No. | Yaxley No. | Type | Res. Ohms |
|-----------|------------|------|-----------|
| XF6679 | M | HR | 250000 |
| XF6680 | N | HR | 500000 |
| XF6681 | O | HR | 1 Meg. |
| XF6682 | P | HR | 2 Meg. |

| DUAL CONTROLS | | | |
|---------------|----|----|---------------|
| XF6683 | XE | WW | 200-5000 |
| XF6684 | CE | WW | 2000-5000 |
| XF6685 | GG | WW | 10000-10000 |
| XF6686 | GK | HR | 10000-50000 |
| XF6687 | LM | HR | 100000-250000 |
| XF6688 | NE | HR | 500000-5000 |
| XF6689 | NN | HR | 500000-500000 |

Single Controls
Your Cost Each, Any Size..... **59¢**

Dual Controls
Your Cost Each, Any Size..... **\$1.47**



Centralab

CENTRAL RADIO LABORATORIES'

REPLACEMENT

| Name and Model | Stock No. | Your Cost |
|---|-----------|-----------|
| A. C. Dayton Co. | | |
| Navigator..... | XH8843 | \$0.59 |
| A. C. Dayton..... | XH8858 | .59 |
| All-American Mohawk | | |
| 70, 73, 75—Special..... | XH8845 | 1.47 |
| 93-96 or 90 Series..... | XH8931 | .73 |
| "H" Series..... | XH8912 | 1.22 |
| "J" Series..... | XH8872 | .73 |
| "K" Series..... | XH8863 | .73 |
| Atwater Kent Mfg. Co. | | |
| 33 Series Filament, 84..... | XH8863 | .59 |
| 61, 61C, 72, 66, H1, H2 "Special"..... | XH8723 | 1.47 |
| 67, 67C, Batt. Set 222 tubes 82Q..... | XH8862 | .59 |
| "P" Series, L-2, P or 75 Q-2 Series, "Special"..... | XH8902 | 1.47 |
| L-1..... | XH8912 | 1.22 |
| 82D, 84D, 84Q Batt., 89, 89F, SW Type..... | XH8808 | .83 |
| 188, 228, 260, 467, 246, 266, 612, 627, 812, 448..... | XH8808 | .83 |
| 480..... | XH8791 | .83 |
| 480 Auto, "Special"..... | XH8698 | 1.23 |
| 469Q, 558Q..... | XH8863 | .59 |
| 636..... | XH8697 | .73 |

| | | |
|---|--------|------|
| Belmont Radio Corp. (Freshman) | | |
| 600 Late..... | XH8808 | .83 |
| 50C, D..... | XH8816 | .83 |
| 70 Series..... | XH8819 | .83 |
| Bosch | | |
| 80-Auto Receiver "Special"..... | XH8832 | .98 |
| 48 and 49 "Special"..... | XH8895 | 1.47 |
| 54, 56..... | XH8913 | 1.22 |
| 58, 62 "Special"..... | XH8888 | .98 |
| 54-DC "Special"..... | XH8910 | 1.47 |
| 5A, 5B, 7A, 73, 133..... | XH8961 | .83 |
| 60, 61, 63 "Special"..... | XH8887 | .98 |
| 20, 31, 32..... | XH8872 | .59 |
| 73, 74..... | XH8803 | .83 |
| 48, 49, Early Models—Special Control..... | XH8774 | 1.47 |
| 250, 260, Tone..... | XH8880 | .59 |

| | | |
|------------------------------|--------|-----|
| Bremer-Tully Mfg. Co. | | |
| 14, 21, 31, 81A..... | XH8794 | .83 |
| 85, 36..... | XH8812 | .83 |
| S-81, S-82, 81, 82..... | XH8794 | .83 |
| 7-A, 7-B, W 81..... | XH8794 | .83 |

| | | |
|--------------------------------------|--------|-----|
| Brunswick-Balke-Collender Co. | | |
| S14, S21, S31, S81, S82..... | XH8811 | .83 |
| 14, 21, 31..... | XH8794 | .83 |
| S-32 Cavac..... | XH8804 | .83 |
| 11, 12, 16, 33..... | XH8793 | .83 |
| D..... | XH8863 | .59 |

| | | |
|---------------------------------------|--------|------|
| Colonial Radio Corp. | | |
| 31DC..... | XH8758 | .59 |
| SG-32AC, 33AC "Special"..... | XH8719 | 1.73 |
| 40, 43, 44, 47, 47E Tone Control..... | XH8740 | .73 |
| 44, 47, 48, 50..... | XH8961 | .83 |

| | | |
|------------------------------|--------|------|
| Columbia Radio Corp. | | |
| Screen Grid 8 "Special"..... | XH8934 | 1.23 |
| SG-5, SG-7..... | XH8874 | .59 |
| SG-9..... | XH8858 | .59 |

FREE
 Volume Control Guide will be sent with orders of three or more CRL Controls. 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 |
|--------------------------------------|-----------|-----------|
| Columbia-Kolster | | |
| C1, C2, C3, C4, C5, C6, C7, 980..... | XH8874 | \$0.59 |
| 902, 961..... | XH8860 | .59 |
| 950..... | XH8858 | .59 |
| 960..... | XH8842 | .59 |

| | | |
|---|--------|------|
| Crosley Radio Corp. | | |
| 40S, 41S, 42S, 82S, Early Models and 71-A..... | XH8847 | 1.22 |
| 40S, 41S, 42S, 82S, Late Models Specify CRL No. 30S, 31S, 33S, 34S, 40S, 41S, Single Control..... | XH8851 | .73 |
| Buddy, Chum..... | XH8876 | .59 |
| AC7, AC7C..... | XH8876 | .59 |
| 20, 21, 22 Battery..... | XH8840 | .59 |
| 53, 54, 57 (Twin Buddy)..... | XH8869 | .59 |
| 400, 410, 420..... | XH8865 | .59 |
| Midget 48..... | XH8931 | .59 |
| Johnny Smoker, Super Buddy 122..... | XH8859 | .59 |

| | | |
|-------------------------------------|--------|-----|
| 126, 55, Long Shaft, "Special"..... | XH8855 | .98 |
| 52, 26, Long Shaft, "Special"..... | XH8853 | .98 |
| 55, Short Shaft..... | XH8862 | .59 |
| 56, Short Shaft..... | XH8861 | .59 |
| 75, 76DC, 77, 84, Special..... | XH8854 | .73 |
| 120..... | XH8961 | .98 |
| 124, 125 Midget Super Sw. Type..... | XH8793 | .83 |
| 605, 615, 625..... | XH8852 | .83 |
| 127, Tone 128, Tone 126-1..... | XH8824 | .83 |
| Tone 127..... | XH8874 | .59 |
| 48..... | XH8794 | .83 |
| 127-1..... | XH8879 | .59 |
| 141, Sent. 146-1..... | XH8813 | .83 |
| 133..... | XH8873 | .59 |
| 128..... | XH8859 | .59 |
| 146..... | XH8696 | .59 |
| 146-1..... | XH8696 | .59 |
| 704-706-705..... | XH8785 | .98 |

| | | |
|--|--------|------|
| Edison & Splitdorf | | |
| R4, R5, C4, Special Twin, Early Models..... | XH8897 | .98 |
| R6, R7, Early Models, C. T. Control, Special..... | XH8830 | 1.47 |
| R6, R7, R4, R5, C4, Late Models, Twin Control..... | XH8897 | .98 |

| | | |
|--------------------------|--------|------|
| Eveready | | |
| 1, 2, 3..... | XH8862 | .59 |
| 30, 40 Series..... | XH8865 | .59 |
| 50 Series, Original..... | XH8892 | 1.47 |

| Name and Model | Stock No. | Your Cost |
|--|-----------|-----------|
| Fada | | |
| 35C, 35B, 40AC, Original Control..... | XH8898 | \$1.47 |
| 25, 25Z, 15M, 15MZ, Special Shaft..... | XH8932 | .98 |
| 20, 20Z, Special Shaft..... | XH8889 | .98 |
| 75, 77, 35, 35Z, Special Shaft..... | XH8962 | .98 |
| 43, 76Z, KF, KG..... | XH8775 | 1.47 |
| 122-KE..... | XH8869 | .59 |
| KA-41, 42, 44, 46, 47, 86DC..... | XH8874 | .59 |
| KW-48, 49, Sw. Type..... | XH8808 | .98 |
| K. U. 45, 51, 53, 57, Sw. Type..... | XH8817 | .83 |
| RC 78, 79..... | XH8699 | .83 |
| RL Fadalette..... | XH8815 | .83 |

| | | |
|-----------------------------|--------|-----|
| General Electric Co. | | |
| H31, H51, H71..... | XH8867 | .59 |
| S-22, S-22X-S-42..... | XH8867 | .59 |
| T-12..... | XH8877 | .59 |

| | | |
|---|--------|------|
| General Motors Radio | | |
| A Chassis, Models 120, 130, 140, 150, 160..... | XH8899 | 1.47 |
| M. A. Midget, 110, 190..... | XH8913 | 1.22 |
| M. A. Midget, 110, 190, Tone Control..... | XH8872 | .59 |
| A Chassis, Models 120, 130, 140, 150, 160 Tone Control..... | XH8833 | .98 |
| S9A, 211, S9B..... | XH8806 | .83 |
| S10A, S10B, 220..... | XH8818 | .83 |
| S2B, 251, S2A..... | XH8817 | .83 |
| S2A, S2B, 251, Tone Control..... | XH8880 | .59 |
| 216, 217, 219, 250, Midget Set, 1931..... | XH8861 | .59 |
| S1A, 216, 217, 219, 250, 1932..... | XH8806 | .83 |
| S3A, S3B, 252, 253, 254, 255, 256, 257, 258..... | XH8817 | .83 |

| | | |
|------------------------------|--------|------|
| Graybar Electric Co. | | |
| 700, 770, 900, 8-Midget..... | XH8867 | .59 |
| 678..... | XH8905 | 1.22 |
| Graybarette..... | XH8860 | .59 |

| | | |
|---|--------|------|
| A. H. Grebe & Co. Inc. | | |
| 428 Synchrophase AC-6; Synchrophase AC-7..... | XH8842 | .59 |
| AH-1..... | XH8859 | .59 |
| Early Synchrophase SK-4 AC..... | XH8900 | 1.47 |
| SK4-DC..... | XH8811 | .83 |
| HS4-1, 2, 3, 4..... | XH8813 | .83 |

All Centralab controls for Majestic sets exactly duplicate the original, both physically and electrically. No changes necessary to install.

| | | |
|--|--------|------|
| Grigsby-Grunow (Majestic) | | |
| 60, 70, 70B..... | XH8972 | .62 |
| 180, 181..... | XH8766 | .98 |
| 50 Series..... | XH8903 | .98 |
| 90, 91, 92, 180, 181, 321, Equalizer on Condenser..... | XH8930 | .83 |
| 90 Series, 9P6-3..... | XH8767 | .62 |
| 30, 31, 131, 132, 233..... | XH8923 | 1.22 |
| 100 Series, 100B..... | XH8768 | .98 |
| 130A..... | XH8660 | .62 |
| 230A..... | XH8923 | .98 |
| 20 Series..... | XH8659 | .83 |
| 60 Series, 160..... | XH8769 | .61 |
| 120 Series..... | XH8770 | .98 |



Combination "L" Pad

Bakelite Case 2 1/2" x 1 1/2" long. Shaft 3/8" x 1/2" long. Shaft grounded to series resistance.

A wire-wound and tapered graphite control providing constant impedance to the

line. Recommended for low impedance systems, such as output control of moderate power not exceeding 4 watts and input to small public address systems.

Illustrated above without cover to show construction. Stock controls have metal cover.

| Stock No. | C.R.L. No. | ACS. Ohms | Your Cost |
|-----------|------------|-----------|---------------|
| XH8975 | 96-004 | 15000 | \$1.95 |
| XH8956 | 96-003 | 10000 | |
| XH8955 | 96-002 | 5000 | |
| XH8959 | 96-007 | 500 | |
| XH8958 | 96-006 | 200 | |
| XH8976 | 96-008 | 100 | |
| XH8957 | 96-005 | 50 | |
| XH8954 | 96-001 | 10 | |

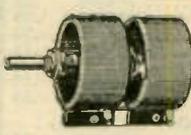


Power "L" Pads Commercial Type

Employed in output circuits where the amount of power does not exceed 10 watts. Commonly used as a voice coil control of Dynamic Speakers. The unit provides constant impedance to the line and thus,

when used in multiple circuits, does not disturb the adjustment of other sections of the same circuit. The resistance units are wire wound same for maximum power-rating and housed in the same moulded Bakelite case as the T Pad. Provides single or three-hole mounting. Diameter of control 3 1/2". Depth of control 2" approximately.

| Stock No. | C.R.L. No. | Your Cost |
|------------|----------------------------|---------------|
| XH8953 | 94-003—Resistance 100 ohms | \$2.45 |
| XH8952 | 94-002—Resistance 50 ohms | |
| XH8951 | 94-001—Resistance 15 ohms | |
| List Price | \$5.00 | |
| Your Cost | | |
| Each | | |



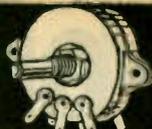
Giant Type

The Giant Power "L" Pads consist of two heavy wire-wound sections of large dimensions. These units are recommended for installations in systems where the output exceeds 10 watts.

These units provide a means of control which maintains a constant impedance upon the line, and may thus be operated in multiple without disturbing the adjustment of other circuits obtaining energy from the same line. Unit provides single hole mounting. Diameter of unit 2". Depth of unit 2 1/2" approximately. The resistance specified is the equivalent line impedance.

| Stock No. | C.R.L. No. | Your Cost |
|------------|---------------------------|---------------|
| XH8765 | 47-209—Resistance 50 ohms | \$2.45 |
| XH8764 | 47-208—Resistance 15 ohms | |
| List Price | \$5.00 | |
| Your Cost | | |

Volume Controls



| Name and Model | Stock No. | Your Cost |
|---|-----------|-----------|
| Grigsby-Grunow (Majestic) (Contd.) | | |
| 15, 15B, 150. | XH8797 | \$0.83 |
| 15, 15B, 150-Tone Control. | XH8738 | .61 |
| 25 Series. | XH8799 | .83 |
| 200, 201, 202, 203, 204 | XH8650 | .61 |
| 200, 201, 203, 204-Tone. | XH8651 | .83 |
| 290, 300, 300A, 310A, 310B | XH8652 | .61 |
| 400, 411, 411A, 413, 413A. | XH8653 | .83 |
| 440. | XH8654 | .61 |
| 460. | XH8655 | .83 |
| 490. | XH8656 | .61 |
| 500. | XH8824 | .83 |
| 570. | XH8657 | .61 |
| 600. | XH8658 | .83 |
| 800. | XH8879 | .61 |

| Name and Model | Stock No. | Your Cost |
|---------------------------------|-----------|-----------|
| Colin B. Kennedy Corp. | | |
| 12 S.G., 10, 20, 20B, "Special" | XH8928 | 1.47 |
| "Royal" | XH8863 | .59 |
| 34, 30 and 32, 50-52-56. | XH8872 | .59 |

| Name and Model | Stock No. | Your Cost |
|--|-----------|-----------|
| Kolster Radio Corp. (Columbia Phono.) | | |
| K20, 22, 25, 27. | XH8838 | .59 |
| K-21, 24, 28, 23, K30, 32. | XH8860 | .59 |
| 60 Series. | XH8813 | .83 |
| 70, 80, 90 Series AVC | XH8818 | .83 |
| 100 Series. | XH8807 | .83 |
| K42, K43, K44, K45. | XH8926 | 1.47 |

| Name and Model | Stock No. | Your Cost |
|------------------------|-----------|-----------|
| Montgomery-Ward | | |
| 1522, 1562 | XH8931 | .59 |
| 2955, 2957 | XH8913 | 1.22 |

| Name and Model | Stock No. | Your Cost |
|---------------------------------|-----------|-----------|
| Philco | | |
| 65. | XH8866 | .59 |
| 511, 512, 513, 514, 515, 521, | | |
| 531, 541, 551, 561, 571, 581, | | |
| 82, 86, 87. | XH9015 | .73 |
| 76, 77, 77A, 70 Series. | XH8913 | 1.22 |
| 20, 20A, 220. | XH8771 | .93 |
| 30, 96, 96A, 11, 11A, 211, | | |
| 211A, 296, 296A, 111, 112, 212. | XH9014 | .63 |
| 51, 52, 551. | XH9017 | .49 |
| 71, 91, 121, 75. | XH8772 | .49 |
| 80-Midget. | XH8773 | .59 |
| 95. | XH9016 | .73 |

| Name and Model | Stock No. | Your Cost |
|-------------------------------|-----------|-----------|
| R. C. A. Victor | | |
| 42, 48, R14, R15, RE-17.... | XH8905 | 1.22 |
| R32, RE45, R52, RE75. | XH8911 | 1.22 |
| RE35, RE39, RE57, RE73. | XH8904 | 1.22 |
| R7, R7A. | XH8867 | .59 |
| R7, Tone Control. | XH8744 | .59 |
| R7A, R11, RE18, Tone Control. | | |
| R50, R55. | XH8880 | .59 |
| R50, R55, Tone Control. | XH8863 | .59 |
| R57, 82, 86, Tone Control. | XH8875 | .59 |
| 80, 82, 86. | XH8867 | .59 |
| R74, R76, R77, R72, RE20. | XH8875 | .59 |
| Tone RC21, RE20. | XH8863 | .59 |
| R4, R6. | XH8868 | .59 |
| Tone R4, R6, Tone R8, R12. | XH8820 | .83 |
| R8, R12. | XH8693 | .73 |
| R11, R18, RE18A, RE19. | XH8693 | .73 |

| Name and Model | Stock No. | Your Cost |
|-------------------------------|-----------|-----------|
| Silver-Marshall Inc. | | |
| 630. | XH8762 | .59 |
| 4, SM-730 Around the World. | XH8840 | .59 |
| 740AC Coast to Coast. | XH8866 | .59 |
| 714. | XH8843 | .59 |
| 30B, 60B, 75B, 95B. | XH8843 | .59 |
| 770. | XH8844 | .59 |
| 710, SM690. | XH8863 | .59 |
| 37, 38, 39, 782. | XH8793 | .83 |
| 683, A, F, D, EG, J, 716, 773 | | |
| R5. | XH8868 | .59 |
| B. | XH8807 | .98 |

| Name and Model | Stock No. | Your Cost |
|--|-----------|-----------|
| Sparks Withington Co. (Sparton) | | |
| 62, 63, 110, 110 De Luxe, | | |
| Sparks Ensemble, 600, 610, | | |
| 620, 89A. | XH8840 | .59 |
| 931, 301. | XH8844 | .73 |
| 101-103-55-109. | XH8865 | .59 |
| 301, 589, 574, 737. | XH8931 | .59 |
| 591-593. | XH8840 | .59 |
| 5 & 9. | XH8793 | .83 |

| Name and Model | Stock No. | Your Cost |
|--------------------------------|-----------|-----------|
| Steinite Radio Co. | | |
| Midget 21, 23. | XH8790 | .98 |
| Midget. | XH8840 | .73 |
| 421, 425 or 21, 203, 600, 605, | | |
| 630, 635, 642, 643. | XH8961 | .59 |

| Name and Model | Stock No. | Your Cost |
|-----------------------------|-----------|-----------|
| Stewart-Warner Corp. | | |
| 500, 520, 525, 806. | XH8841 | .59 |
| 530, 535. | XH8839 | .59 |
| 700, 705, 710, 900 Series, | | |
| "Special" | XH8727 | .73 |
| 801-802. | XH8860 | .59 |
| 811. | XH8840 | .59 |
| 970-AC-980. | XH8913 | 1.22 |
| 305, 315, 320. | XH8876 | .59 |
| 300, 310, 325. | XH8931 | .59 |
| R-104-A, B, E, 106, 108, | | |
| 108X, 111AC and DC. | XH8808 | .83 |
| Tone R104A, B, E. | XH8875 | .59 |
| 105 Volume. | XH8875 | .59 |
| Tone R105. | XH8825 | .83 |
| 106 Sent. 108, 108X Sent. | XH8816 | .83 |
| 112 Auto. | XH8809 | .83 |
| 110 A and E. | XH8809 | .83 |

| Name and Model | Stock No. | Your Cost |
|--|-----------|-----------|
| Stromberg-Carlson Tel. Mfg. Co. | | |
| 523, 524, 734B, 744B. | XH8861 | .73 |
| 635, 636, 601, 602, 633, 634, | | |
| Long Shaft. | XH8885 | .73 |
| 601, 602, 633, 634, 635, 636, | | |
| 638, Double Shaft. | XH8886 | .73 |

| Name and Model | Stock No. | Your Cost |
|-----------------------------------|-----------|-----------|
| 10, 11. | XH8865 | \$0.59 |
| 12, 14, Automatic Volume Control. | XH8863 | .59 |
| 641, 642, 652, 654, 846-848, | | |
| Long Shaft. | XH8883 | .73 |
| 641, 642, 652, 654, Double Shaft. | XH8884 | .73 |
| 12, 14. | XH8887 | .73 |
| 22, 24. | XH8886 | .73 |
| 29-Tone and Volume. | XH8808 | .83 |
| 48. | XH8685 | .83 |
| 52. | XH8825 | .83 |

| Name and Model | Stock No. | Your Cost |
|---|-----------|-----------|
| Transformer Corp. of America (Clarion) | | |
| 55. | XH8684 | .73 |
| 56, 260, 25-260. | XH8819 | .83 |
| Tone 25-240, 260, 25-260. | XH8825 | .59 |
| Tone 360, 300, Tone 220. | XH8825 | .83 |
| 94, 25-94. | XH8821 | .83 |
| Tone 94, 25-94. | XH8817 | .83 |
| 100, G102. | XH8788 | .83 |
| 160, 25-160. | XH8810 | .83 |
| 220. | XH8838 | .59 |
| 241, 240, 25-240, 360. | XH8874 | .59 |
| 300, Special. | XH8683 | .86 |

| Name and Model | Stock No. | Your Cost |
|--|-----------|-----------|
| U. S. Radio & Television (Apex) | | |
| Gloritone 26. | XH8871 | .59 |
| 26-B, P-20M. | XH8871 | .59 |
| 29. | XH8931 | .59 |
| 31 Series. | XH8793 | .83 |
| Midget 32-32A, 32B, 49. | XH8873 | .59 |
| 28 Series. | XH8876 | .59 |
| 7-A and 7-B. | XH8863 | .59 |
| 8 and 10 Series. | XH8874 | .59 |
| Midget 27 Series, Late. | XH8961 | .83 |
| 46, 46A, 47, 47A, 48, 48A. | XH8876 | .59 |

| Name and Model | Stock No. | Your Cost |
|----------------------|-----------|-----------|
| Westinghouse | | |
| WR-4. | XH8905 | 1.22 |
| WR-5, 6, 7, 8, 10-A. | XH8867 | .59 |
| WR-14. | XH8877 | .59 |

| Name and Model | Stock No. | Your Cost |
|--------------------------------|-----------|-----------|
| Zenith Radio Corp. | | |
| 52, 522, 53, 532, 54, 542, 57, | | |
| 50 Series, 70, 102, 112, 212, | | |
| 10, 11, 12 Special, 122. | XH8802 | .98 |
| 70 Series, 50, 60, 70, 71, 72, | | |
| 73, 77, 712, 722, 732, 772 | | |
| (Later types) Special (Dual). | XH8924 | 1.47 |
| "Zenette" AH, CH, RH, | | |
| No. 30. | XH8793 | .83 |
| 10, 11, 12, 102, 112, 212, 70. | XH8802 | .80 |
| 2009. | XH8803 | .83 |
| 70X, 80. | XH8861 | .59 |
| L. P. | XH8793 | .81 |
| Tone 70 Series 2012. | XH8874 | .59 |
| Tone 75, 2047, 2051. | XH8875 | .59 |
| Tone 2017, 2018, 2022. | XH8863 | .59 |
| Tone 2014. | XH8841 | .59 |
| 2021, 2018. | XH8793 | .81 |
| 2024, 2022, 2047, 2050. | XH8793 | .83 |
| 2014. | XH8824 | .81 |
| 2017. | XH8682 | 1.47 |
| 2014, 2017 Noise. | XH8681 | .73 |
| 2044, 2053, 2054. | XH8865 | .59 |
| 2047. | XH8694 | .59 |

CENTRALAB Power Rheostats

Ideal for use as motor speed controls, charging rate regulators, etc. All metal frame and core insulated with treated asbestos. All 2" in diameter.



| 25-Watt Units | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|
| Stock No. | Res. Ohms | Your Cost | Stock No. | Res. Ohms | Your Cost |
| XH8977 | 2 | | XH8981 | 150 | |
| XH8978 | 6 | | XH8982 | 400 | |
| XH8979 | 15 | \$0.98 | XH8983 | 1000 | \$0.98 |
| XH8980 | 50 | | XH8984 | 5000 | |

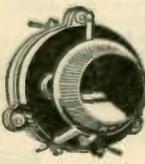
| 50-Watt Units | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|
| Stock No. | Res. Ohms | Your Cost | Stock No. | Res. Ohms | Your Cost |
| XH8987 | 25 | | XH8990 | 500 | |
| XH8988 | 60 | \$1.22 | XH8991 | 1000 | \$1.22 |
| XH8989 | 150 | | XH8992 | 5000 | \$1.35 |

| 75-Watt Units | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|
| Stock No. | Res. Ohms | Your Cost | Stock No. | Res. Ohms | Your Cost |
| XH8995 | 50 | | XH8998 | 500 | |
| XH8996 | 150 | \$1.47 | XH8999 | 1000 | \$1.47 |
| XH8997 | 300 | | | | |

NOTE
Space limitations prevent listing every CRL volume control. We can furnish any unit made by Centralab at a discount of 50% and 2% from the list price.

CENTRALAB 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. Bakelite case 3 1/2 x 1 3/4" deep. Furnished with Bakelite knob.



Especially designed for use in P. A. work.

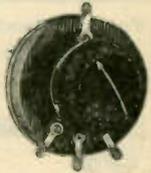
| Stock No. | Resistance | Stock No. | Resistance |
|-----------|------------|-----------|------------|
| XH8950 | 5000 ohms | XH8947 | 100 ohms |
| XH8944 | 1500 ohms | XH8948 | 50 ohms |
| XH8945 | 500 ohms | XH8949 | 15 ohms |
| XH8946 | 200 ohms | | |

Your Cost Each..... **\$3.43**

CENTRALAB Phonograph Pick-up Fader for Two-Turn Tables

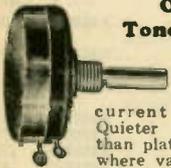
This control is made up of a potentiometer with an extra lug contact located at the center of the resistance. It provides both volume control and a fade-over switch for two phonograph pickups and turntables. The resistances catalogued are the resistance of each half of the control rather than the total resistance of the potentiometer. Enclosed in dustproof bakelite case 2 1/4 x 1 1/2". Shaft is 1/4 x 1/2" long. Bushing 3/8 x 1/2" long. Shaft and bushing fully insulated from all terminals. Single hole mounting. This unit can also be used for fading any two inputs into a mixer or amplifier providing the correct control is chosen according to the impedance of the input devices.

| Resistance of each half of the Control | Your Cost Each |
|--|----------------|
| XH8829—100,000 ohms | \$1.95 |
| XH8827—50,000 ohms | |
| XH8828—25,000 ohms | |



VOLUME CONTROL Specials

Filtermatic Octave Tone Control



Grid circuit type eliminating danger of current breakdown. Quieter in operation than plate circuit type where variable resistor is used. Capacity varies

from 50 mmfd. to .006 mfd. in seven gradual steps producing a smooth tone taper from a high brilliant treble to a low booming bass. Sturdily constructed using bronze plates, mica dielectric and bakelite case. For a single stage it is connected across the secondary of the audio transformer; in a push-pull stage across the two grids; in the case of resistance or impedance coupled amplifiers across the grid leak. Shpg. wt. 8 oz.

XF6840—Without switch. **39¢**
Your Cost
XF6841—With switch. **58¢**
Your Cost

Octave Tone Control Table Model

In this unit, the Octave tone control is enclosed in a crystalline finish metal case. Size 3 1/2" in diameter, 2 1/2" high. Has 36" well-insulated flexible braided leads. Socket wafers are insulated, and are supplied either 4 or 5-prong tubes. Instruction furnished. Shpg. wt. 2 lbs.

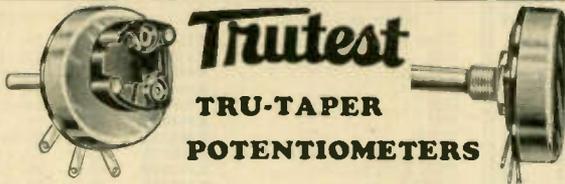


XF6839—Your Cost **86¢**

RADIOLA Volume Control Strips

Repair the old volume control by installing a new resistance strip in place of the defective one.

For Models 18, 33 and 51
XG7670—2000 ohms.
For Models 44, 46, 47, 64.
XG7671—3000 ohms.
For Models 60 and 62.
XG7672—450 ohms.
For Model 66.
XG7673—550 ohms.
For Model 64.
XG7674—1250 ohms.
Your Cost Each... **24¢**
In Dozen Lots... **\$2.50**



Trutest

TRU-TAPER POTENTIOMETERS

With Switch Your Cost **42¢** Without Switch Your Cost **29¢**

An entirely new line of fine quality volume controls at prices that are truly phenomenal. Extra hard carbon composition elements used in conjunction with a new multi-point wiping contact arm assure long and satisfactory service. Each and every unit, as the name "Tru-Taper" implies, is correctly tapered for the circuit for which it was designed. Shafts extend 1 3/4" from control. Provided with 3/8" bushings. Frames are of bakelite with metal dust covers. One of the eleven types shown in the listing will take care of any volume or tone control requirement.

| Stock No. | With Switch | Without Switch | Resist. in Ohms | Circuit |
|---------------|---------------|----------------|-----------------|----------------------------------|
| XH9070 | XH9081 | | 1000 | Antenna Shunt |
| XH9071 | XH9082 | | 2000 | Antenna Shunt, "C" Bias |
| XH9072 | XH9083 | | 5000 | Antenna Shunt |
| XH9073 | XH9084 | | 10000 | Antenna Shunt, "C" Bias and Ant. |
| XH9074 | XH9085 | | 25000 | Antenna Shunt, "C" Bias and Ant. |
| XH9075 | XH9086 | | 50000 | Screen Voltage or Tone Control |
| XH9076 | XH9087 | | 75000 | "C" Bias Control |
| XH9077 | XH9088 | | 100000 | Screen Voltage or Tone Control |
| XH9078 | XH9089 | | 250000 | Audio Shunt or Tone Control |
| XH9079 | XH9090 | | 500000 | Audio Shunt or Tone Control |
| XH9080 | XH9091 | | 1 Megohm | Audio Shunt or Tone Control |

Trutest Exact Duplicate Controls

For VICTOR Models



R-32
RE-45
R-52
RE-75
Fits chassis exactly. A noiseless control. Dual unit 3800 3800 ohms.

XH9094—Your Cost Each... **88¢**

For RCA-Victor models 42, 48, R-14, R15, R-17. Dual volume control: front section, 10,000 ohms; rear, 25,000 ohms.

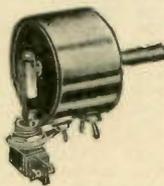
XH9093—Your Cost Each... **\$1.15**

PHILCO 20, 20A and 220

Exact duplicate. Similar in appearance to above. 285-5000 ohms. Bakelite case.

XH9092—Your Cost Each... **79¢**

For ZENITH Models 70 Series—Late Type



Used in models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723 and 772. Later types, dual control. Complete with switch. Resistance of sections 11,500 ohms and 110,000 ohms.

XH9095—Your Cost Each... **\$1.45**

For ZENITH 50 Series

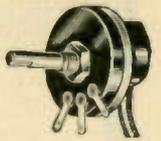
Single control with switch. Used in models 52, 53, 522, 532, 54, 55, 57, 62, 60, 61, 64 and 67. Fits the chassis exactly; no changes necessary to install.

XH9096—Your Cost Each... **90¢**

Genuine GENERAL MOTORS Volume Controls

Models S4A-S4B Chassis 290-291

XH9054—Volume control and switch. Genuine G. M. Part No. 1204615. Resistance 200,000 ohms. Shpg. wt. 1 lb.



For Models S2A-S3A

Chassis 251 to 258

XH9056—Similar to above. Genuine Part No. 1204177. Rheostat, 10,000 ohms. Shpg. wt. 1 lb.

For Model S1A Chassis 216-217-218-219-250

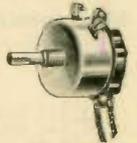
XH9053—With switch, similar to above. Genuine Part No. 1204176. 5,000 ohms. Shpg. wt. 1 lb.

Your Cost, Any Above Types... **75¢**

Models S9A-S9B Chassis

No. 211. Genuine Part No. 1206585. Has built-in power switch. Resistance 45,000 ohms. Shpg. wt. 1 lb.

XH9055—Your Cost Each... **75¢**



Models S10A-S10B Chassis No. 220

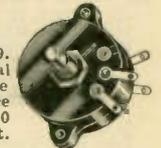
Genuine Part No. 1206795. Resistance 12,500 ohms. With switch. Shpg. wt. 1 lb.

XH9057—Your Cost Each... **75¢**

Model A 120, 130, 140, 150-160

Part No. 1202419. For sets with serial numbers above 29,100. Resistance 15,000 and 4000 ohms. Shpg. wt. 1 lb.

XH9052—Your Cost Each... **98¢**



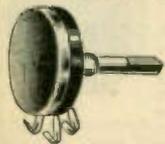
For Model MA, Chassis 110, 180, 190

Part No. 1202259. Resistance 15,000 and 5000 ohms. Shpg. wt. 1 lb.

XH9050—Your Cost Each... **98¢**

Genuine Controls for RCA RADIOLA Receivers

Volume Control for RCA-Victor Models R-50 and R-55



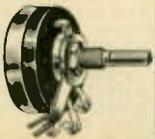
G. E. Models H-32, H-72; Graybar Model GB-100. The genuine replacement volume control, part No. 7260.

XF6786—Your Cost **49¢**

Tone Control for Victor Model RE-73

The genuine Victor replacement part No. 10813. Tone control with mounting nuts. Shpg wt. 8 oz.

XF6787—Your Cost **49¢**



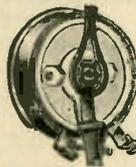
Genuine Radiola Controls

RCA Model 16 Part No. 5666, Filament Rheostat. **XF6775**—Your Cost... **35¢**

Models 44-46-47 Part No. 6005, 2900 ohms Volume Control. Special slotted shaft. **XF6776**—Your Cost... **65¢**

Models 60 and 62 Part No. 5811, 450 ohms, Volume Control. **XF6777**—Your Cost... **75¢**

Model 66 Part No. 6027, 550 ohms, Volume Control. **XF6778**—Your Cost... **75¢**



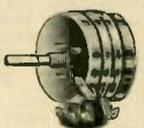
Original Control for RCA 42-48 Victor R14, R15, RE17 GE T41, Graybar 678, Westinghouse WR4, RC3

This control is a big wire wound dual unit and was furnished by RCA as a replacement for the original carbon strip type. It is used without the bridging brown and white resistor. Shpg. wt. 1 lb.

XF6589—Your Cost... **\$1.75**

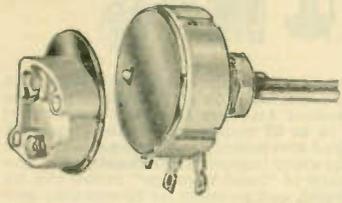
Model 64 Part No. 2334, 2750 ohms, Sensitivity Control. **XF6779**—Your Cost... **75¢**

Model 64 Part No. 2336, 1250 ohms, Volume Control. **XF6780**—Your Cost... **49¢**



STANDARD TYPE VOLUME CONTROLS

Centralab Improved Radiohms

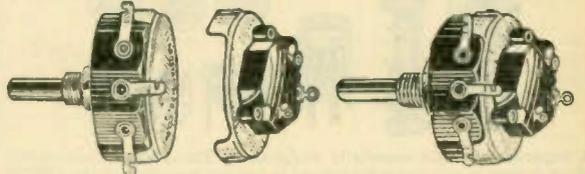


Centralab Radiohms carry ample current for any ordinary volume control circuit if the proper taper is selected, regardless of whether the original control was wire-wound or carbon. Radiohms employ the patented non-rubbing contact that always turns smooth without wear. No other control gives you resistance tapers so carefully adjusted for

proper attenuation. Case diameter of all units 1 1/4"; extend 1/8" behind panel. Shaft 2 1/4" long, milled flat. Power switch, made by C-H, is approved by the Underwriters Laboratories.

| Stock No. | CRL No. | Circuit | Resist. Ohms. | Your Cost |
|------------------------|---------|-------------------------|---------------|-----------|
| XH8876 | 72-118 | Voltage Divider | 500 | |
| XH8865 | 72-107 | Voltage Divider | 1,000 | |
| XH8859 | 72-101 | Voltage Divider | 2,000 | |
| XH8866 | 72-108 | Voltage Divider | 3,000 | |
| XH8867 | 72-109 | Voltage Divider | 4,000 | |
| XH8868 | 72-110 | Voltage Divider | 5,000 | |
| XH8842 | 70-204 | Antenna Shunt | 5,000 | |
| XH8872 | 72-114 | Antenna, C-Bias | 10,000 | |
| XH8871 | 72-113 | Antenna, C-Bias, 1-tube | 10,000 | |
| XH8843 | 70-205 | Antenna, C-Bias, 2-tube | 10,000 | |
| XH8858 | 72-100 | Antenna Shunt | 10,000 | |
| XH8873 | 72-115 | Antenna, C-Bias | 15,000 | |
| XH8931 | 79-006 | Antenna, C-Bias | 15,000 | |
| XH8877 | 72-119 | Antenna, C-Bias | 20,000 | |
| XH8869 | 72-111 | Voltage Divider | 25,000 | |
| XH9031 | 72-133 | C-Bias | 25,000 | |
| XH9032 | 72-206 | C-Bias | 25,000 | |
| XH8860 | 72-102 | Antenna Shunt | 25,000 | |
| XH8861 | 72-103 | Voltage Divider | 50,000 | |
| XH8875 | 72-117 | Tone Control | 50,000 | |
| XH9033 | 72-123 | Tone Control | 75,000 | |
| XH8840 | 70-202 | C-Bias | 75,000 | |
| XH8862 | 72-104 | Voltage Divider | 100,000 | |
| XH8870 | 72-122 | Audio Grid or Tone | 100,000 | |
| XH8878 | 72-120 | Audio Grid or Tone | 200,000 | |
| XH8694 | 72-131 | C-Bias | 200,000 | |
| XH8879 | 72-121 | Audio Grid or Tone | 250,000 | |
| XH8863 | 72-105 | Audio Grid or Tone | 500,000 | |
| XH8864 | 72-106 | Voltage Divider | 500,000 | |
| XH8841 | 70-203 | Series in R.F. Plate | 500,000 | |
| XH8874 | 72-116 | Audio Grid or Tone | 1,000,000 | |
| XH8696 | 72-132 | Audio Grid or Tone | 3,000,000 | |
| Any Type Switch. | | | | |
| Your Cost Cover Plate. | | | | 24¢ |
| Each. | | | | 59¢ |

CLAROSTAT Ad-A-Switch Wire Wound Volume Controls and Switch Coverplates

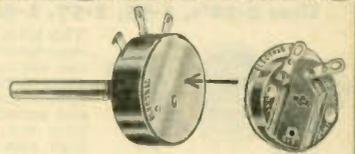


The plain dust-guard coverplate can be pried off, and a switch coverplate put in its place to convert to a switch type u.r.i..

| Stock No. | Resist. Ohms | Current Carrying Cap. Ma. | Tapered For, or Suggested Uses | Your Cost |
|------------------------|--------------|---------------------------|--------------------------------|-----------|
| XF7099 | 50 | 250 | Standard potentiometer | |
| XF7098 | 100 | 180 | Standard potentiometer | |
| XF7097 | 200 | 125 | Standard potentiometer | 41¢ |
| XF7096 | 300 | 100 | Standard potentiometer | |
| XF7095 | 400 | 85 | Standard potentiometer | |
| XF7094 | 500 | 80 | Standard potentiometer | |
| XF7093 | 750 | 65 | Standard potentiometer | |
| XF7092 | 1000 | 65 | Standard potentiometer | |
| XF7091 | 1000 | 40 | For untuned antenna control | |
| XF7090 | 2000 | 40 | Standard potentiometer | |
| XF7089 | 2000 | 25 | For untuned antenna control | |
| XF7088 | 2000 | 25 | For "C" bias control | |
| XF7087 | 3000 | 30 | Standard potentiometer | 47¢ |
| XF7086 | 3000 | 20 | For combined ant. and "C" bias | |
| XF7085 | 3000 | 20 | For "C" bias control | |
| XF7084 | 5000 | 25 | Standard potentiometer | |
| XF7083 | 5000 | 17 | For combined ant. and "C" bias | |
| XF7082 | 5000 | 17 | For "C" bias control | |
| XF7081 | 7500 | 20 | Standard potentiometer | |
| XF7080 | 7500 | 14 | For combined ant. and "C" bias | |
| XF7079 | 7500 | 14 | For "C" bias control | |
| XF7078 | 10000 | 17 | Standard potentiometer | |
| XF7077 | 10000 | 12 | For ant. or R.F. coil control | |
| XF7076 | 10000 | 12 | For combined ant. and "C" bias | |
| XF7075 | 10000 | 12 | For "C" bias control | |
| XF7074 | 10000 | 12 | For screen grid voltage | 52¢ |
| XF7073 | 15000 | 14 | Standard potentiometer | |
| XF7072 | 15000 | 11 | For combined ant. and "C" bias | |
| XF7071 | 15000 | 11 | For screen grid voltage | |
| XF7070 | 20000 | 12 | Standard potentiometer | 57¢ |
| XF7069 | 20000 | 10 | For "C" bias control | |
| XF7068 | 25000 | 11 | Standard potentiometer | |
| XF7067 | 30000 | 11 | Standard potentiometer | |
| XF7066 | 40000 | 10 | Standard potentiometer | 63¢ |
| XF7065 | 50000 | 9 | Standard potentiometer | |
| Switch Type Coverplate | | | \$0.25 | |

New ELECTRAD Volume Controls

These new Electrad units are superior in principle, design and performance to the old style controls. The newly perfected graphite resistance element is baked at high temperature to the flat outer surface of a molded Bakelite ring. This provides a solid base and rigid anchorage for the resistance element which cannot flex or warp out of line with the contact arm. The element is highly resistant to humidity, and is thus ideal for use in damp climates. The contact shoe is a highly polished alloy, held by a long bronze tension spring. All controls are housed in Moulded Bakelite Cases, with Metal End Covers and Aluminum Shafts. They are more compact than the old style units, extending only 1/4" inside the panel mounting.



The new type power switch, Approved by the Underwriters may be readily added or detached. By merely removing the screw holding the end cover, the cover is removed and the switch placed on in the same position and held in place by the same screw.

| Stock No. | Mfrs. No. | Taper Readings in Ohms | Finish |
|-----------|-----------|------------------------|-----------------------|
| No. | No. | Start | |
| XG7905 | 204w* | Open-10 | 8 5 2.5 0 |
| XG8072 | 269w | 0 | Uniform 20 |
| XG8128 | 270w | 0 | Uniform 30 |
| XG8129 | 271w | 0 | Uniform 50 |
| XG8068 | 272w | 0 | Uniform 100 |
| XG7915 | 273w | 0 | Uniform 200 |
| XG7916 | 274w | 0 | Uniform 400 |
| XG7923 | 282w | 0 | Uniform 600 |
| XG7917 | 275w | 0 | Uniform 800 |
| XG7918 | 276w | 0 | Uniform 1,000 |
| XG7909 | 232w | 0 | Uniform 2,000 |
| XG7910 | 233w | 0 | Uniform 3,000 |
| XG7919 | 277w | 0 | Uniform 4,000 |
| XG7911 | 234w | 0 | Uniform 5,000 |
| XG7920 | 278 | 0 | 300 1,200 2,500 5,000 |

| Stock No. | Mfrs. No. | Start | Taper Readings in Ohms | | | Finish |
|-----------|-----------|--------|------------------------|---------|---------|-----------|
| No. | No. | | 1/4 | 1/2 | 3/4 | |
| XG8083 | 560 | 0 | 350 | 1,500 | 3,750 | 7,500 |
| XG7924 | 283 | 0 | Uniform | 2,000 | 9,000 | 10,000 |
| XG7912 | 240 | 0 | 20 | 1,000 | 200 | 0 |
| XG8091 | 573 | 12,000 | 100 | 2,000 | 10,000 | 15,000 |
| XG7902 | 201 | 0 | Uniform | 6,000 | 12,500 | 25,000 |
| XG7921 | 279 | 0 | 800 | 2,000 | 15,000 | 30,000 |
| XG7922 | 280 | 0 | Uniform | 25,000 | 2,000 | 200 |
| XG7913 | 241 | 0 | Uniform | 25,000 | 50,000 | 100,000 |
| XG7906 | 205 | 0 | Uniform | 6,000 | 25,000 | 50,000 |
| XG7903 | 202 | 75,000 | 25,000 | 2,000 | 200 | 0 |
| XG7914 | 242 | 0 | 6,000 | 25,000 | 50,000 | 100,000 |
| XG8125 | 281 | 0 | Uniform | 60,000 | 125,000 | 250,000 |
| XG7908 | 208 | 0 | 15,000 | 60,000 | 125,000 | 250,000 |
| XG7904 | 203 | 0 | 2,000 | 20,000 | 200,000 | 500,000 |
| XG7907 | 206 | 0 | 60,000 | 250,000 | 500,000 | 1,000,000 |

Your Cost, Any Type..... 59¢
Switch Only..... 21¢
Fits All Types.....

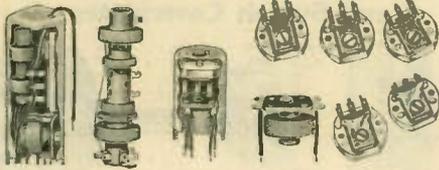
We Will Not Knowingly Be Undersold

Trutest Super-Het COIL KITS

5 Tube Long Wave & Broadcast Superheterodyne Kit—200 to 600 & 1000 to 2000 Meters

For A.C.-D.C. Operation

Uses 6A7, 6D6, 75, 43, 25Z5



A Superhet Coil Kit especially designed for European customers and those domestic customers interested in foreign reception in the 1000 to 2000 meter band. Incorporates such advanced features as A. C.-D. C. operation, Pre-Selection, AVC, etc. Circuit employs the latest tubes, including a type 6A7, a 6D6, a 75, a 43 and a type 25Z5 rectifier. Kit consists of a Composite Input I. F. and Broadcast Oscillator Coil, an Output I. F., a Long Wave Oscillator coil and five Isolantite trimmer condensers. All leads color coded. **Both schematic and pictorial diagrams included in kit**, so that practically anyone can assemble this highly efficient receiver. Shpg. wt. 3 lbs.

XH10152—Complete Coil Kit, less variable condenser. **\$5.25**

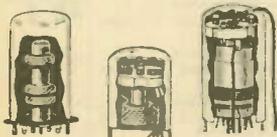
Your Cost

XH10153—Same as above, but with Special Trutest 3 Gang Variable Condenser. Shpg. wt. 6 lbs. **\$6.65**

Your Cost

5 Tube Broadcast Super-Het Essential Coil Kit—200-600 Meters

Uses 2—57's, 1—58, 1—2A5, 1—80 Tubes



A straight Broadcast type Super-Het using five of the latest type tubes. An unusual feature of this Kit is the complete shielding of all coils. The antenna coil includes a pre-selection stage tuned by one section of the three gang condenser. It is mounted in a shield can 3" high by 1 1/4" in diameter. A combined oscillator and input I. F. transformer is housed in a similar can. The output I. F. transformer is housed in a can 2 1/4" high by 1 1/4" in diameter. All leads are color coded for easy identification. The finished receiver, using the type tubes shown above, will afford exceptional selectivity (approximately 10 K. C.) and sensitivity. Power output is a full 3 watts, enough to fill the largest room with music. Output may easily be increased by adding another 2A5 tube to make a push-pull output stage; receiver will then have a power output of approximately 6 watts. **Both schematic and pictorial diagrams included** so that practically anyone can assemble this receiver. Shpg. wt. 3 lbs.

XH10156—Essential Coil Kit as described. **\$3.95**

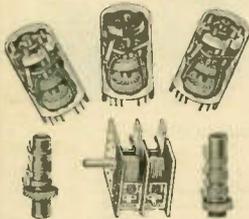
Your Cost

XH10157—Kit as above but including Special Trutest Three Gang Variable Condenser. Shpg. wt. 6 lbs. **\$5.40**

Your Cost

8 Tube De Luxe All Wave Super-Het 15 to 550 & 850 to 2000 Meters

Uses 2-58's, 1-55, 1-57, 1-56, 2-2A5's, 1-80



This kit is one of the most up-to-date superheterodyne kits ever offered to the set builder. It is complete in every detail. Essential coil kit consists of the following units: One special antenna coil; one special oscillator coil; two completely shielded high gain Litz wound I. F. transformers for the first two stages (Isolantite double tuned); one high gain Litz wire wound single tuned C. T. I. F. transformer for the third stage; one special trimmer condenser and five special padding condensers. The set covers the entire short wave, standard American broadcast, and European long wave bands. The completed set will be found to have sufficient selectivity over the entire range, due to the precision with which the coils are made. **Comes complete with schematic and pictorial diagrams.** Shpg. wt. 4 lbs.

XH10032—Complete Kit, less variable condenser. **\$7.65**

Your Cost

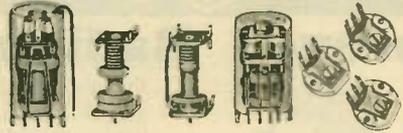
XH10033—Complete All-Wave Superheterodyne Coil Kit, 15 to 2000 meters as described above, including Trutest High Shield Two-Gang Variable Condenser. The use of this condenser is recommended, since it is especially designed for the kit. Shpg. wt. 7 lbs. **\$8.65**

Your Cost

Your Cost

5 Tube Short Wave & Broadcast Superheterodyne Kit—18 to 55 & 200 to 600 Meters

For A. C. Operation Uses 2A7, 58, 2A6, 2A5, 80



This kit is simple to build—easy to operate—highly satisfactory in performance; truly an unusual combination in a kit of this type. The broadcast band covers the standard American Broadcast frequencies; the Short Wave band, from 18 to 55 meters, covers the important European broadcast stations and also several popular American short wave stations. This method of "band coverage" makes this an unusually simple receiver to build, and accounts for its excellent performance. Circuit employs a 2A6, a 58, a 2A7, a 2A5 and an 80 rectifier. Includes the following coils: 1 specially designed Input I. F. Transformer; 1 special Output I. F. Transformer; 1 special Broadcast and Short Wave Antenna Coil; 1 special Broadcast and Short Wave Oscillator Coil; three trimmer condensers. **Both schematic and pictorial diagrams included.** Shpg. wt. 4 lbs.

XH10154—Complete Kit, less variable condenser. **\$3.95**

Your Cost

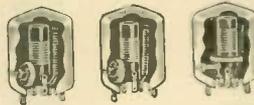
XH10155—Complete Kit with Special Trutest Two Gang Variable Condenser. Shpg. wt. 6 lbs. **\$4.95**

Your Cost

5 Tube TRF Coil Kit

Extremely Compact—A. C. Operation

Uses 2—58's, 1—57, 1—47, 1—80 Tubes



Many custom set builders prefer the TRF circuit because of its better tone quality and greater ease of construction. This new Trutest TRF Kit has a newly developed very compact TRF coil. The antenna coil of the inductively coupled type is housed in a shield can only 1 1/4" high by 1 1/4" square. The RF coils housed in exactly the same size cans are of the choke primary, capacity coupled type. In constructing this receiver, the set-builder will find that selectivity is ample for average use. Sensitivity is exceptionally fine for this type of receiver due to the use of special high gain coils in each stage. Power output, using the tube combination shown above, will be 2.7 watts. This may easily be increased to approximately 5.4 watts by adding another 47 pentode to make a push-pull output stage. **Schematic and pictorial diagrams included.** Shpg. wt. 2 lbs.

XH10158—5 Tube TRF Essential Coil Kit as described above. **\$1.75**

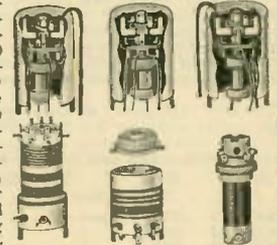
Your Cost

XH10159—Same Kit as above but including Special Trutest Three Gang Variable Condenser. Shpg. wt. 5 lbs. **\$3.10**

Your Cost

7 Tube DeLuxe Short Wave and Broadcast Superheterodyne

13 to 200 & 200 to 550 Meters Uses 3-58's, 1-2A6, 1-56 1-59, 1-80 Rectifier



This kit can be built up into an extremely sensitive and selective superheterodyne. Its range covers the entire short wave band (in four steps) from 12 to 207 meters, and the American broadcast band from 192 to 560 meters. Essential kit contains: three special high gain Isolantite double tuned Litz wire wound I. F. transformers; one special short wave antenna coil; one special broadcast antenna coil; one special combination short wave and broadcast oscillator coil; one R. F. choke; one special trimmer condenser and one padding condenser. Kit may be built by anyone having the least knowledge of radio. **Complete with schematic and pictorial diagrams.** Shpg. wt. 4 lbs.

XH10160—Complete Kit, less variable condenser. **\$5.95**

Your Cost

XH10161—Complete 7-Tube Superheterodyne Coil Kit described above, with Special Trutest High Shield Two-Gang Variable Condenser (ball-bearing rotor). Shpg. wt. 7 lbs. **\$6.95**

Your Cost

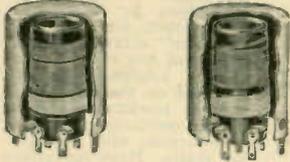
Your Cost

NOTE
All Trutest coil kits come complete with both blue print schematic diagrams and pictorial lay-out diagrams. In addition, complete lists of all parts necessary to build the complete receiver are shown. Thus those having the least bit of radio experience are enabled to construct these efficient receivers without trouble of any kind.

Super-Het & T.R.F. COILS

Trustest

Shielded R.F. Coils



These coils are used as standard equipment by a large number of set manufacturers. Due to their precision winding, exceptionally high gain is provided. Very sensitive for use with all S.G. tubes with .00035 condenser. Ant. coil: primary 14 turns No. 28 D.C.C.; Secondary 130 turns No. 30 enamel. R.F. coil: primary 33 turns No. 31 D.C.C.; secondary 130 turns No. 30 enamel. Mounted in shield cans 2 1/2 x 2 3/4" high. Shpg. wt. 8 oz.

XH10087—Set of 2 R.F. and 1 Ant. **79¢**
Your Cost.....

XH10088—Set of 3 R.F. and 1 Ant. **1.05**
Your Cost.....

XH10019—Ant. Coil only
XH10020—R.F. Coil only
Your Cost, Either Type. **28¢**

Shielded Pre-Selector Coil

A high-gain band-pass pre-selector unit shielded in aluminum can 2" square, 3" high. Litz wound, on special treated base. Extremely sensitive. Solder lug contacts at base. Shpg. wt. 8 oz.



XH10072—Your Cost..... **87¢**

Long Wave R.F. Coil

A recent development in coil winding for long wave transformers or any application requiring large inductance values. Banked four layers deep. Range 550 meters to 1200 meters with .00035 mfd. condenser; up to 2000 meters with a .001 mfd. condenser. Size 2 1/4 x 1 1/4". Shpg. wt. 8 oz.

XH10091—Your Cost..... **69¢**

Composite Oscillator Detector I.F.—175 Kc.

High grade composite coil used as the first detector, oscillator and first I.F. transformer. Eliminates the use of one tube with no loss in efficiency. Top tuning. Factory peaked at 175 Kc. No padding necessary as it is made for the special tracking oscillator section of variable condensers of .00036 mfd. Enclosed and fully shielded in square aluminum can 3" high and 2" square. Has two spade bolts for mounting. Long leads for direct wiring. Shpg. wt. 3 lbs.



XH9997—Your Cost Each..... **1.30**

Trustest Litz Wire I.F. Transformers Isolantite Double Tuned

Midget Coils



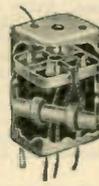
High quality Litz wire used throughout. Employs 2-in-1 isolantite base trimmer. Two bronze springs hold entire unit in the shield. Can size 1 1/2 x 2 3/4" high. Has full length leads for direct wiring. Shpg. wt. 8 oz.

XH10021—175 Kc.
XH10022—456 Kc.
Your Cost, Either Type..... **82¢**

Similar to the above, but with center tapped secondary for Wunderlich 55, 75, 6B7, 2B7, etc. tubes.

XH10023—175 Kc.
XH10024—456 Kc.
Your Cost, Either Type..... **88¢**

"Square Can" Units



Especially designed for high gain circuits. Litz wire wound. Has 2-in-1 isolantite base trimmer. Housed in square aluminum can, 2" square, 3" high. Long leads for direct wiring. Shpg. wt. 8 oz.

XH10075—175 Kc.
XH9709—456 Kc.
Your Cost, Either Type..... **82¢**

Similar to the above, but with center tapped secondary for Wunderlich 55, 75, 6B7, 2B7, etc. tubes.

XH10014—175 Kc.
XH9713—456 Kc.
Your Cost, Either Type..... **88¢**

Special "Ultra High Gain" Short Wave I.F. Transformer Peaked at 456 Kc.

This newly developed I.F. coil is far superior to any other on the market at present. Has a gain conservatively rated at 180. Selectivity at 100 times 80 Kc. Primary and secondary wound in four sections. Employs 2-in-1 isolantite base trimmer; top tuning. Fully shielded in round aluminum can 4" high, 1 1/2" in diameter. Provided with long color coded leads for direct wiring. Shpg. wt. 1 lb.

XH9969—Your Cost Each..... **1.20**

NOTE: The above coil is identical to those used in the new "ALL STAR" kit listed on page 41.



Midget Trimmers

Extremely compact trimmers mounted on bakelite strips. Ideal for use in short wave sets. Have solder lug terminals. Capacity range from 3 to 30 mmfd.

XH9775—Each..... **10¢**
Dual Trimmers

Similar to the above, but two trimmers mounted on single bakelite strip. Range 3-30 mmfd. each trimmer.

XH9776—Your Cost Each..... **19¢**



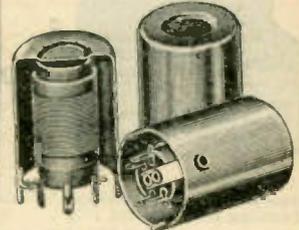
Compact Isolantite Padding Condensers

Highly efficient due to their extremely low loss characteristics. Minimum capacities very low, tuning range wide. Mounted on isolantite bases.

| Stock No. | Range | Your Cost | |
|-----------|--------|-------------------|---------------|
| Single | Dual | Mmfd. Single Dual | |
| XH9767 | XH9771 | 7-80 | \$0.26 \$0.42 |
| XH9768 | XH9772 | 27-180 | .27 .46 |
| XH9769 | XH9773 | 58-325 | .29 .49 |
| XH9770 | XH9774 | 94-419 | .31 .54 |



T.R.F. Coil Kits Litz Wire Bank Wound



Litz wire coils on 1 1/4" diameter forms, 2 1/4" long. Mounted in shields 1" diameter, 2 1/2" long. Have mounting lugs. Designed for use with a .00036 mfd. condenser. Blue print furnished with each kit.

For 4-Tube Set
2 Coils, 1 Ant., 1 R.F.
XH10045—List \$1.75
Your Cost..... **93¢**

For 5-Tube Set
3 Coils, 1 Antenna, 2 R.F.
XH10046—List \$2.60
Your Cost..... **1.40**

For 6-Tube Set
4 Coils, 1 Antenna, 3 R.F.
XH10047—List \$3.25
Your Cost..... **1.85**
XH10089—Antenna Coil only
XH10090—R.F. Coil only
Your Cost, Either Type..... **47¢**

Shielded Oscillator Coil for the New 2A7 or 6A7 Tubes



A Litz wound oscillator coil, thoroughly impregnated and housed in a metal shield. For 175 Kc. I.F. Made to track with a 1000 mmfd. padding condenser and .000365 variable condenser, or with special cut section of variable condenser. Has solder lug terminals. Size 1 1/2" high, 1 1/2" in diameter. Shpg. wt. 8 oz.

XH10029—Your Cost Each..... **59¢**

Similar to the above, but for 456 Kc. I.F. Made to track with a 500 mmfd. padding condenser and .000365 variable condenser or special cut section of variable condenser. Shpg. wt. 8 oz.

XH10031—Your Cost Each..... **59¢**

Untuned Assembly

A combination of a self-tuned bifilter transformer peaked at 550 Kc. and a plate choke coil. 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 necessary, the only expense involved is for the assembly itself and the extra tube. Size 1 1/2" high and 1 1/2" in diameter. Shpg. wt. 8 oz.



XH10094—Your Cost Each..... **69¢**

MAJESTIC Replacement I.F. Transformers

Models 20 and 60

Exactly duplicate the original units physically, are far superior electrically. Contain 600 volt working voltage plate bypass condensers. Peaked at 175 Kc. Each unit guaranteed against defects. Shpg. wt. 2 lbs.

| Stock Model | No. | No. Stage | Your Cost |
|-------------|-----|-----------|-----------|
| XC2496 | 20 | 1st | \$1.50 |
| XC2497 | 20 | 2nd | |
| XC2498 | 60 | 1st | 2.00 |
| XC2499 | 60 | 2nd | |

MAJESTIC 460 I.F. Transformers

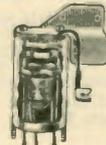
Exact duplicates of the original Majestic parts. No changes necessary to install. First I.F. comes completely mounted in aluminum shield can. Shpg. wt. 2 lbs.

| | | | |
|-------------------------|-------------|-------------------------|------------|
| XC2451 —1st I.F. | 1.15 | XC2452 —2nd I.F. | 65¢ |
|-------------------------|-------------|-------------------------|------------|

Models 15-15B-150

Exact duplicates of the original. Output I.F. corresponds to Part No. 4429; Composite I.F. corresponds to Part No. 4428. Factory peaked at 175 Kc. No changes necessary to install. Shpg. wt. 2 lbs.

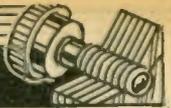
| | |
|---|-------------|
| KC2489 —Output I.F. Majestic No. 4429 | 98¢ |
| XC2491 —Composite I.F. Majestic No. 4428 | 1.79 |



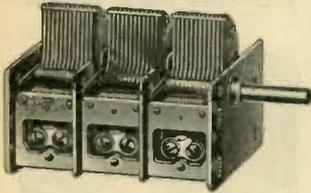
NOTE

A complete listing of plug-in coils, coil forms and associated short wave accessories will be found on page 53.

Variable Condensers and Knobs



Trutest Variable Compact Short Wave and Broadcast Condensers



These Trutest Tuning Condensers are of the very latest design. Greater variety of capacities, and smaller physical sizes. Fully shielded between sections. Rigid construction. Positive electrical contacts. Trimmers are rigid and retain their settings after adjustments. Ball bearings, self-aligning and smooth in action. Heavy aluminum plates. Shaft and frame of steel, cadmium plated. All

single section $\frac{1}{4}$ " ; all multiple $\frac{3}{8}$ " diameter shafts. Bakelite insulation. Mounting holes, spaced $1\frac{1}{4}$ ".

Short-Wave Compact Condensers

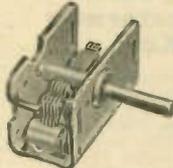
| Stock No. | Cap. | Gangs | Size | Shpg. Wt. | Your Cost |
|-----------|--------|-------|--|-----------|------------|
| XH9715 | .0001 | 1 | $1\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | 72¢ |
| XH9716 | .00015 | 1 | $1\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | |
| XH9717 | .00025 | 1 | $1\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | |
| XH9718 | .0001 | 2 | $1\frac{1}{8} \times 3\frac{1}{2} \times 2\frac{1}{8}$ " | 2 lbs. | |
| XH9719 | .00015 | 2 | $1\frac{1}{8} \times 3\frac{1}{2} \times 2\frac{1}{8}$ " | 2 lbs. | |

Broadcast Compact Condensers

| Stock No. | Cap. | Gangs | Size | Shpg. Wt. | Your Cost |
|-----------|---------|-------|--|-----------|-----------|
| XH9720 | .000365 | 1 | $1\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | \$0.75 |
| XH9721 | .000365 | 2 | $1\frac{1}{8} \times 3\frac{1}{2} \times 2\frac{1}{8}$ " | 2 lbs. | 1.00 |
| XH9722 | .000365 | 3 | $1\frac{1}{8} \times 3\frac{1}{2} \times 3\frac{1}{8}$ " | 2 lbs. | 1.45 |
| XH9730 | | | Bushing for conversion to $\frac{3}{8}$ " shaft | | .15 |

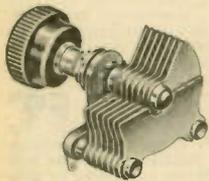
Compact Junior Condensers for Short Wave and Broadcast

An exceptionally compact yet highly efficient variable condenser suitable for short-wave or broadcast use. Ball bearings. Shafts $\frac{1}{4}$ " diameter, $1\frac{1}{2}$ " long. Aluminum plates—heavily plated steel frame with plate supports of brass. Special three-gang short-wave condenser for use in TRF or Super-het circuits.



| Stock No. | Cap. | Gangs | Size | Shpg. Wt. | Your Cost |
|-----------|---------|-------|--|-----------|------------|
| XH9762 | .0001 | 1 | $1\frac{1}{8} \times 2\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | 58¢ |
| XH9763 | .00014 | 1 | $1\frac{1}{8} \times 2\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | |
| XH9764 | .00025 | 1 | $1\frac{1}{8} \times 2\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | |
| XH9765 | .000365 | 1 | $1\frac{1}{8} \times 2\frac{1}{2} \times 1\frac{1}{8}$ " | 1 lb. | |
| XH9766 | .00014 | 3 | $3\frac{1}{8} \times 2\frac{1}{2} \times 1\frac{1}{8}$ " | 2 lbs. | |

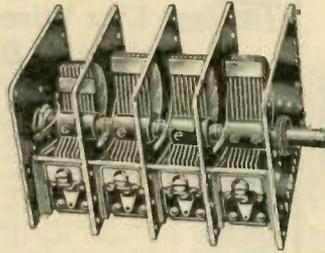
Trutest Midget Condensers



Light weight, strong and compact, smooth in operation. Low minimum capacity, low loss, bakelite insulation, non-corrosive aluminum plates. For single-hole mounting, $\frac{1}{8}$ " shaft. Each unit individually packed with knob.

| Stock No. | Min. Cap'y | Max. Cap'y | Your Cost |
|-----------|------------|------------|-----------|
| XH9724 | 3 | 15 | \$0.32 |
| XH9728 | 4 | 30 | .32 |
| XH9729 | 5 | 40 | .40 |
| XH9731 | 6 | 80 | .45 |
| XH9727 | 7 | 100 | .48 |
| XH9714 | 8 | 140 | .65 |

"Precision" Condensers for Superhets and T.R.F.



Contribute a marked improvement to the Super-heterodyne by eliminating the necessity for a so-called "padder" circuit. Units consist of one or more pre-selector condenser sections mounted on the same shaft with a tracking condenser for the oscillator. Heavy in construction, with ball-bearing shafts. Have mountings for trimmers on either side. Aluminum Plates slotted.

| Stock No. | Gangs | Cap. | Shaft | Size, Inches | Shpg. Wt. | List | Your Cost |
|-----------|-------|--------|-----------------|--|----------------------|--------|-----------|
| XH9700 | 2 | .00036 | $\frac{3}{8}$ " | $4\frac{1}{4} \times 3\frac{1}{2} \times 2\frac{1}{8}$ " | 2 $\frac{1}{2}$ lbs. | \$6.00 | \$1.03 |
| XH9701 | 3 | .00036 | $\frac{3}{8}$ " | $4\frac{1}{4} \times 3\frac{1}{2} \times 4\frac{1}{8}$ " | 3 lbs. | 8.25 | 1.52 |
| XH9702 | 4 | .00036 | $\frac{3}{8}$ " | $4\frac{1}{4} \times 3\frac{1}{2} \times 5\frac{1}{8}$ " | 5 lbs. | 11.00 | 2.03 |

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.

| Stock No. | Gangs | Cap. | Shaft | Size, Inches | Shpg. Wt. | List | Your Cost |
|-----------|-------|--------|-----------------|--|----------------------|--------|-----------|
| XH9703 | 2 | .00036 | $\frac{3}{8}$ " | $4\frac{1}{4} \times 3\frac{1}{2} \times 2\frac{1}{8}$ " | 2 $\frac{1}{2}$ lbs. | \$6.00 | \$1.03 |
| XH9704 | 3 | .00036 | $\frac{3}{8}$ " | $4\frac{1}{4} \times 3\frac{1}{2} \times 4\frac{1}{8}$ " | 3 lbs. | 8.25 | 1.52 |
| XH9705 | 4 | .00036 | $\frac{3}{8}$ " | $4\frac{1}{4} \times 3\frac{1}{2} \times 5\frac{1}{8}$ " | 5 lbs. | 11.00 | 2.03 |

ICA Universal Midget Condensers



Insulated with a solid end plate of Insulex—a non-hydroscopic low loss material. The shortest path through dielectric between rotor and

stator is one inch. Contact to rotor is made through a specially designed cupped spring washer having a large contact area with both rotor and stator, thereby assuring noiseless operation. Removable shafts, lock nuts to lock shaft in fixed position and screw driver slot adjustment if desired make this a truly universal condenser. Shpg. wt. 1 lb.

| Stock No. | Cap. Mmfds. | Spacing | Your Cost |
|-----------|-------------|---------|-----------|
| XH9752 | 15 .026" | | \$0.50 |
| XH9753 | 25 .026" | | .55 |
| XH9754 | 50 .026" | | .62 |
| XH9755 | 120 .026" | | .67 |
| XH9756 | 140 .026" | | .88 |
| XH9757* | 35 .077" | | 1.03 |
| XH9758* | 50 .077" | | 1.32 |

*Transmitting types for neutralizing and tuning.

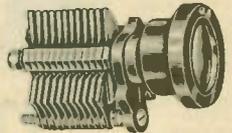
Flexible Coupler



For coupling two $\frac{1}{4}$ " shafts. Insulates them from each other. XH9750—Insulex insulation.

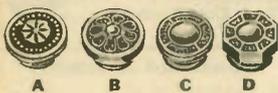
| | |
|--------------------------|------------|
| List \$0.60. | 36¢ |
| Your Cost | |
| XH9751—Fibre insulation. | 24¢ |
| List \$0.40. | |
| Your Cost | |

PILOT Midget Condensers



For use as vernier or regeneration controls, antenna couplings, etc. Bakelite frames and brass plates. Depth behind panel 1 to $1\frac{1}{2}$ " depending on capacity. $\frac{1}{4}$ " shaft.

| Stock No. | Cap. Mmfds. | Your Cost Each |
|-----------|-------------|----------------|
| XH10204 | 15 | 49¢ |
| XH10205 | 25 | |
| XH10206 | 50 | |
| XH10207 | 100 | |
| XH10209 | 140 | |



Wood Radio Knobs

A complete selection of beautiful wood knobs for all types of radio receivers. Type J are black with chromium inlay. Types E and G are two-toned wood. Brass inserts assure perfect alignment. Steel set screws grip firmly. All $\frac{1}{4}$ " shaft.

| Type | Large $1\frac{1}{2}$ " Each \$0.10 | Medium $1\frac{1}{4}$ " Each \$0.09 | Small $\frac{7}{8}$ " Each \$0.09 |
|------|------------------------------------|-------------------------------------|-----------------------------------|
| A | XH9860 | | XH9864 |
| B | XH9861 | | XH9865 |
| C | XH9862 | | XH9866 |
| D | XH9863 | | XH9867 |
| E | | XH9942 | XH9947 |
| F | | XH9943 | XH9948 |
| G | | XH9944 | XH9949 |
| H | | XH9945 | XH9950 |
| J | | XH9946 | XH9951 |

Your Cost $1\frac{1}{2}$ " knobs Per Dozen... \$1.00
Your Cost $1\frac{1}{4}$ " knobs Per Dozen... \$0.95
Your Cost $\frac{7}{8}$ " knobs Per Dozen... \$0.95



Bakelite Knobs

Radio knobs that will enhance the appearance of your radio, or control panel. Furnished with $\frac{1}{4}$ " hole, and set screw. Shpg. wt. per dozen knobs, 1 lb.

| | | |
|---|--------|--|
| No. 242— $1\frac{1}{2}$ " Ornamental Top. | 7¢ | |
| XH9890—Each | | |
| 12 for | \$0.75 | |
| No. 17— $1\frac{1}{2}$ " Arrow. | 5¢ | |
| XH9885—Each | | |
| 12 for | \$0.48 | |
| No. 18—Same as above, but $1\frac{1}{4}$ " | 8¢ | |
| XH9886—Each | | |
| 12 for | \$0.85 | |
| No. 98— $1\frac{1}{2}$ ", 2-Tone, with Skirt. | 7¢ | |
| XH9891—Each | | |
| 12 for | \$0.75 | |
| No. 101—Same as above, but 1" | 6¢ | |
| XH9892—Each | | |
| 12 for | \$0.75 | |

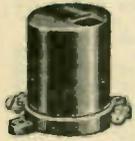
Knobs for Midget Radio Receivers

These knobs have been designed for use on the popular AC-DC receivers. No. 148 is $1\frac{1}{2}$ " in diameter, $\frac{3}{8}$ " high and has a $\frac{1}{4}$ " plain hole $\frac{1}{4}$ " deep.

| | |
|--|-----------|
| No. 246 is $1\frac{1}{2}$ " in diameter, $\frac{1}{2}$ " high and has a $\frac{1}{4}$ " hole $\frac{3}{8}$ " deep. Both are equipped with set screws. Shpg. wt. per dozen, 1 lb. | |
| No. 148—Pointer Knob. | |
| XH9931— | 6¢ |
| Each | |
| 12 for | |
| No. 246—Knob with Indicating Dot. | |
| XH9932— | |
| Each | |
| 12 for | |
| No. 137— $1\frac{1}{2}$ ". Octagon Flat Top. | |
| XH9883— | |
| Your Cost Each | |
| 12 for | |

RADIO FREQUENCY CHOKES

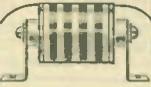
Hammarlund



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 M. H., a capacity of 3 mmf. D. C. res. of 215 ohms.
XH8525— \$1.17
 Your Cost.....
 250 M. H. a capacity of 2 mmf. D. C. resistance, of 420 ohms.
XH8526— \$1.32
 Your Cost.....

Isolantite Radio Frequency Choke



Low loss choke designed chiefly for short wave receivers and transmitters. No metal screw passes through choke to increase losses and distributed capacity; size 1 1/4 x 3/4". Inductance 8 millihenries. D. C. resistance 70 ohms. Distributed capacity 3 mmf. Max. current 125 mills.
XH8524— 65¢
 Your Cost Each.....

Improved Shielded R. F. Choke



This choke is completely shielded in an aluminum shell. Size 1 1/4 x 1 3/4" diameter. Connections on the side of the can. Inductance 10 M. H. D. C. resistance 65 ohms. Maximum current 100 mills. Code CH-10-S.

XH8523— 59¢
 Your Cost.....

COLUMBIA RF Choke

Especially designed replacement for the Columbia Screen Grid 8 receiver. Fibre form with lug terminals.



XH10145— 49¢
 Your Cost Each.....

Trutest R.F. CHOKES

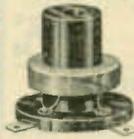


Chokes

R. F. chokes are essential to the proper operation of radio frequency circuits. Together with by-pass condensers they keep the R. F. currents in their proper paths, thus helping to prevent feed-back and stabilizing the circuits. All lattice wound on wood spools. Easily mounted.

XH10100— 8 Millihenries 22¢
 Your Cost Each.....
XH10101— 16 Millihenries 27¢
 Your Cost Each.....

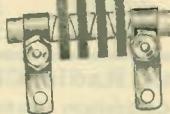
Mounted Chokes



Lattice wound on bakelite bobbins and provided with soldering lugs. Extremely low distributed capacity. In sizes shown below.

XH10104— 6 Millihenries 17¢
 Your Cost Each.....
XH10105— 2.2 Millihenries 17¢
 Your Cost Each.....
XH10102— 5.5 Millihenries 18¢
 Your Cost Each.....

Pie-Wound "Hy-Freq" R. F. Chokes



These chokes are especially designed for use in all types of high frequency receivers and in low power transmitters. Consist of a continuous four pie winding on a genuine Isolantite spool. Extremely low distributed capacity. Heavy strap leads permit numerous ways of mounting. Available in sizes shown below:

| Stock No. | M. H. | Your Cost |
|----------------|-------|-----------|
| XH10142 | 2.5 | \$0.44 |
| XH10143 | 5.5 | .50 |
| XH10144 | 10 | .58 |
| XH10149 | 60 | .85 |

"Crolite" R. F. Chokes

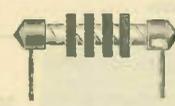


Wound on a new and highly efficient insulating material known as Crolite. Extremely low distributed capacity. Can be mounted in many positions without the need for shielding. Solder lug terminals.

XH10138— 2.5 Millihenries 29¢
 Your Cost Each.....
XH10139— 5 Millihenries 32¢
 Your Cost Each.....
XH10140— 10 Millihenries 42¢
 Your Cost Each.....
XH10141— 25 Millihenries 58¢
 Your Cost Each.....

S. W. Choke

Designed for use in short wave receivers. D. C. resistance 50 ohms. Distributed capacity 1 mmf; inductance 2.5 millihenries; current carrying capacity 125 M. A.



XH10106— 33¢
 Your Cost Each.....

Bargain!



R. F. Chokes
 Efficient wood core chokes which find



many uses in radio circuits. Have wood cores and are provided with tinned leads for easy solder connections. Minimum distributed capacity. All accurately rated.
XH10146— 2 M. H., Type B 6¢
 Your Cost Each.....
XH10147— 4 M. H., Type B 8¢
 Your Cost Each.....
XH10148— 8 M. H., Type A 9¢
 Your Cost Each.....

RCA-RADIOLA R. F. Filter Coil with Condensers



Models 44-46-47
 Genuine replacement Part No. 6000. Comprising Micarta strip with 3 terminals, 2 by-pass condensers, 1 R. F. Filter Coil and mounting bracket. Can be used in any receiver, especially suitable for Screen Grid Audio Coupler units. Stpg.

wt. 1 lb.
XC2004— 35¢
 Your Cost.....

RCA Iron Core Choke

Original RCA Part No. 7387 used as tone reactor, models RE18, 18A, 26, 59 and 79. Inductance 6 millihenries, D. C. resistance only 3.9 ohms. Suitable for use in any low impedance circuit. Shpg. wt. 1 lb.

XH10137— 14¢
 Your Cost Each.....

Victor R. F. Input Transformer for Models R-32 RE45, R-52, RE75

The original replacement Part No. 10422. Consists of a primary and secondary on a bakelite spool.

XH10120— 19¢
 Your Cost Each.....

VICTOR Antenna Choke Models R32, RE45, R52, RE75

Victor Part No. 10444. 150 turns No. 34 wire wound on wooden spool.
XH10122— 10¢
 Your Cost Each.....
 Per Dozen..... \$1.00

GENERAL MOTORS R.F. CHOKES

For Models 120, 130, 140, 150, 160, 170

Original G. M. Part No. 1200483. Has a rated inductance of 12 millihenries. Wound on a wood spool and sealed with pitch.

XH10132— 14¢
 Your Cost Each.....

G. M. Part No. 1202423. Used in the same models as the above choke. Has an approximate inductance of 6 millihenries. Equipped with a mounting bracket. An excellent general replacement part. Can be used in a great number of receivers.

XH10134— 12¢
 Your Cost Each.....

For Models 253, 254, 255, 256, 257, 258, 290

G. M. Part No. 1203565. Rated inductance 8 millihenries. Wood core, insulated winding. Tinned leads for connections.

XH10135— 12¢
 Your Cost Each.....

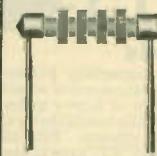
For Model E

Wood core choke completely sealed with pitch. Inductance 14 millihenries. Part No. 1201513.

XH10133— 14¢
 Your Cost Each.....

Models 200-201
 Part No. 1203967. Inductance 6 millihenries. Wood core; pitched.
XH10136— 12¢
 Your Cost Each.....

Short Wave R.F. Choke



An excellent choke for use in receivers or in low powered transmitters. Wound in 4 sections on isolantite form. Inductance 2 1/2 millihenries; D.C. resistance 50 ohms; distributed capacity 1 mmfd.; rating 125 M. A.

XN14429— List 75¢
 Your Cost..... 45¢

90 Ma. R. F. Choke

90 millihenries choke suitable for short-wave or broadcast work. Shpg. wt. 6 ozs.

XN14422— 75¢
 Your Cost.....

Short-wave choke, National No. 92. Rated inductance 5.2 millihenries. Fully shielded. Mounts with single screw. Solder lug terminals.
XN14423— 42¢
 Your Cost Each.....

Transmitting Choke



Isolantite mounted choke for medium and high power transmitters. Continuous winding in 5 tapered sections for efficient cooling. Insulated for 10,000 volts. Inductance 4 millihenries; distributed capacity 1 mmfd.; D. C. resistance 10 ohms; continuous current rating .6 amps; intermittent .8 amps. List \$2.25

XN14399— \$1.35
 Your Cost.....

500 Ma. R. F. Choke

Heavy duty transmitting choke for use in plate circuits carrying not over 500 mills. continuously or 750 intermittently. 2.5 millihenries; 1.5 mmfd. distributed capacity. Shpg. wt. 8 oz.
XH8522— List \$1.75 \$1.03
 Your Cost.....

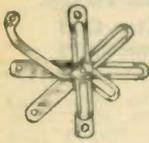
We Will Not Knowingly Be Undersold



Set Builders Accessories



Adjustable Drilling Template



A tool of many uses in the shop. Indicates the exact location for drilling of holes in panel or baseboard of any radio set.

The adjustable template fits perfectly on any part and is then locked in position by the thumb nut. Eliminates the possibility of wrong drilling. Complete with full instructions for operating. Shpg. wt. 1 lb.
XP14935—List 50c
Your Cost **15c**

Bakelite Tubing



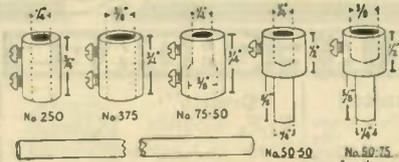
Will not shrink at 125° F! This is genuine bakelite tubing. Wall 1/8" thick.

| Stock No. | Dia. | per Inch | Your Cost |
|-----------|--------|----------|-----------|
| XM13150 | 1" | | \$0.04 |
| XM13151 | 1 1/2" | | .05 |
| XM13152 | 2" | | .06 |
| XM13153 | 2 1/2" | | .07 |
| XM13154 | 3" | | .08 |

1/8" Bakelite Panels

These are genuine black bakelite panels 1/8" thick. It is only because of a fortunate purchase that we can offer these panels at this price. Shpg. wt. 2 lbs.

| | |
|------------------|------------|
| XM13262—7x10" | 49c |
| Your Cost | |
| XM13263—7x12" | 59c |
| Your Cost | |
| XM13264—7x14" | 79c |
| Your Cost | |
| XM13265—7x18" | 98c |
| Your Cost | |



XP15000—1/4" shaft coupling.
XP15001—3/8" shaft coupling.
XP15002—1/2" x 3/8" shaft coupling.
XP15003—3/4" x 3/8" shaft coupling.
XP15004—1/2" x 3/8" shaft extender.
Your Cost, Each **10c**

XP15010—6" length brass shafting.
Your Cost **10c**
XP15011—6" length fibre shafting.
Your Cost **15c**

Insulating Shaft Couplings

XP15014—1/4" shaft coupling.
XP15015—3/8" shaft coupling.
XP15016—1/2" x 3/8" shaft coupling.
Your Cost Each **12c**
 10 for..... \$1.05

Shaft Couplings and Extenders

For mounting two or more condensers, rheostats or switches. Extenders for lengthening shafts of same.
XP15004—1/2" x 3/8" shaft extender.
XP15005—Not illustrated. Shaft extender to change 1/4" diameter shaft to 3/8" shaft.
Your Cost **10c**

XP15012—12" length brass shafting.
Your Cost **15c**
XP15013—12" length fibre shafting.
Your Cost **19c**

Hard Rubber and Bakelite Panels



Made especially for Radio Panels. Color, black. Thickness 1/8". First quality guaranteed. If size required is not listed we can cut Special size panels at 1 3/4 cents per square inch for rubber and 2 1/2 cents per square inch for Bakelite. Special size panels will not be shipped C.O.D.

| HARD RUBBER | | BAKELITE | |
|-------------|-----------|-----------|-----------|
| Stock No. | Your Cost | Stock No. | Your Cost |
| XM19630 | \$0.54 | XW19600 | \$0.98 |
| XM19631 | .58 | XW19601 | 1.15 |
| XM19632 | .68 | XW19602 | 1.35 |
| XM19633 | .95 | XW19603 | 1.65 |
| XM19634 | 1.03 | XW19604 | 1.90 |
| XM19635 | 1.18 | XW19605 | 2.10 |
| XM19636 | 1.40 | XW19606 | 2.50 |
| XM19637 | 1.60 | XW19607 | 2.70 |
| XM19638 | 1.75 | XW19608 | 2.65 |

Radio Tube Shield Jacket

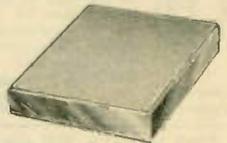
This shield represents a new departure in tube shielding. They can be used with regular tubes to replace spray shield tubes and will function here perfectly. Made in two types: ST12 to fit the dome type tubes, and S14 to fit the 24, 35, and 51 types. Shpg. wt. 1 lb.
XM13262—ST12 Type 8c **XM13263—S14 Type 8c**
Your Cost



Blank Radio Chassis

Cadmium Plated

These chassis are made of stiff metal that is easy to drill and work and have spot-welded corners that will not loosen. Strongly built—will not wobble. Excellent for use in building receivers or amplifiers. Average shpg. wt. 6 lbs.



| | | | |
|--------------------------|------------|-----------------------------|------------|
| XM12810 —10x17x3" | 85c | XM12609 —12x6x2 1/2" | 60c |
| Your Cost | | Your Cost | |
| XM12811 —10x23x3" | 95c | XM12812 —10x12x3" | 65c |
| Your Cost | | Your Cost | |

Aluminum Corner Posts



6" long, grooved to fit 1/8" thick aluminum. Tapped at each end to fit 1/8" machine screws. Shpg. wt. 1 lb.
XP14954—Your Cost, Each **20c**

Truestest TUBE & COIL SHIELDS

Special Tube Shields



This Tube Shield will give that custom-built appearance to your set. Made of heavy metal with a heavy copper-plated finish. Made in three pieces; top, base and barrel. Perforated for adequate ventilation. Size 5" high, 2 1/4" diameter. Shpg. wt. 1 lb.
XM13261
Your Cost Each **9c**
 Per Dozen..... \$1.00



An especially attractive three-piece shield made of heavy gauge LaSalle metal that will not vibrate. Fits all small "ST" type tubes. Perforated for ventilation. Mounting centers 1 1/4" apart. The highly polished finish on this shield is very attractive. Shpg. wt. 1 lb.
XM13255
Your Cost, Each **10c**

"S" Type Tube Shields



Three slots on bottom of shields for direct wiring. Size 4 1/4" high, 2 1/4" in diameter. Removable base. Shpg. wt. 1 lb.
XM13259
Your Cost **10c**
 Per Dozen..... \$1.10



Two-piece tube shield. Second section has slot for screen grid wire. Size 5 1/4" high, 1 1/2" diameter. Comes complete with mounting studs attached to bottom section. Shpg. wt. 1 lb.
XM13260— **12c**
Your Cost
 Per Dozen..... \$1.25

"ST" Type Tube Shields



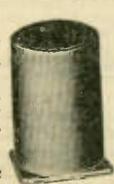
For 56, 57, 58, etc., type tubes. Made in three pieces: Cap, barrel and base. Both long (covering the whole tube) and short (leaving cap projecting) types. Barrel diameter 1 1/4". Sturdily made of hard drawn aluminum in natural bright finish. Shpg. wt. 1 lb.
XM13265—Long Type 4 3/4" high.
Your Cost, Each **12c**
 Lots of 10, Each..... \$0.10



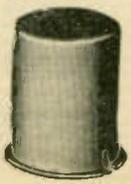
XM13266—Short Type 3 3/4" high.
Your Cost, Each **10c**
 Lots of 10, Each..... \$0.09

National Aluminum Coil Shields

One piece, rugged aluminum, die-drawn. Size 3 3/4" high, 2 3/4" diameter. Mounting flange, holes space, 2 1/4". Ideal for the midjet set builder. Shpg. wt. 1 lb.
XM13257
Your Cost **21c**



Base is drilled for wire connections. Top shield fits on base by means of two setscrews. Size 3 3/4" high, 3" diameter. Shpg. wt. 1 lb.
XM13256
Your Cost **30c**



DIALS

KURTZ-KASCH DIALS

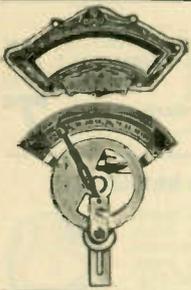
Made of molded Bakelite. Requires only one hole for condenser shaft and two small holes to secure dial to panel. Dial ratio 8 to 1. No back-lash. Fits 1/4" shaft. Shpg. wt. 1 lb.

| Stock No. | Range | Size | Your Cost Each |
|-----------|-----------|--------|---------------------------|
| XH9803 | 200-0 | 4" | 47¢ 50.45 42 |
| XH9804 | 0-200 | 4" | |
| XH9805 | 100-0-100 | 4" | |
| XH9806 | 0-100-0 | 2 3/4" | |



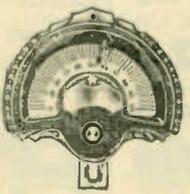
Full Vision Dial

Designed for use with standard broadcast receivers. 5 3/4" high, 3 3/4" wide. For 3/4" shaft. Knob shaft 1/4 x 1 1/2". Celluloid scale 0-100 clockwise. Double friction drive. Complete with escutcheon plate. Mounts directly on the condenser shaft. **XH9816—Your Cost... 65¢**



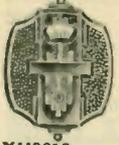
Spot Light Full Vision Dial

Spot light travels with pointer. For 3/4" shaft. Size 4 1/2" wide, 3 3/8" high. Amber celluloid scale, 0-100 counter-clockwise. Pilot socket included. Shpg. wt. 1 lb. **XH9808—Dial and Escutcheon, less bulb. Your Cost Each... 65¢**



Panel Mount Midget Dial

A new tuning dial with vernier control. Made especially for use with the present A. C. - D. C. midget sets. Makes it possible to convert various sets from direct to vernier control. Attractively finished in dull bronze. Mounts directly on front panel. Shpg. wt. 1 lb. **XH9818—Your Cost Each... 75¢**



CROWE Airplane Dial Vernier Control

Has 12:1 reduction ratio, totally free from back-lash or play. 4" dial of black Pyralin with open figures covered by convex glass face. Gives full 270° pointer rotation for 180° condenser rotation. Pointer travels opposite to condenser. Comes complete with 4 3/8" bezel. For 1/2" shaft. Shpg. wt. 2 lbs. **XN14251—Your Cost Each... \$2.45**



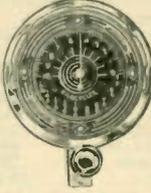
Midget Airplane Dial

Has 3" dial. Double geared drive, free from back-lash. Ratio 6:1 in 180 degrees. Knob, pointer and condenser travel in same direction. Shaft for 1/4" knob. Face protected by glass cover. Provided with 3 3/4" bronze bezel. Shpg. wt. 1 lb. **XH9884—Your Cost Each... \$1.49**



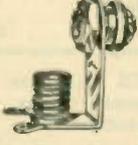
Special Airplane Dial

A full vision airplane dial with a reduction drive ratio of 6:1 in 270°. Totally free from back-lash or play. Has 2 1/2" dial of amber translucent material, covered by a convex glass lens. Figures in black, indicated by a metal arrow pointer. Lower scale graduated in kilocycles; upper scale from zero to ten. Mounts on 3/8" condenser shaft. Pilot light socket mounted on supporting bracket. Provided with 3 3/4" dull bronze bezel. Shpg. wt. 1 lb. **XH9912—Your Cost Each... 85¢**

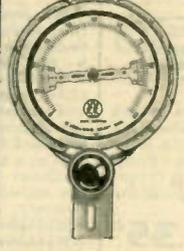


Truest

Pilot Light Bracket
Pilot bulb lights attractive jewel. Specify green, red, or amber. **XF6436—Your Cost Each... 16¢**



EGERT Precision Tuning Dial With Vernier Control

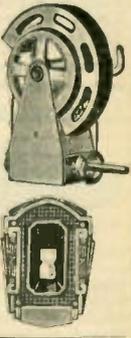


A new 3" dial designed for use with short wave receivers, laboratory instruments, etc. Dial can be accurately read to .1 of one division. Pointer double edged for clockwise or counter-clockwise readings. Provides a spread of 270° for 180° condenser rotation. Dial ratio 16:1, free from backlash. Scale and pointer made of metal to prevent inaccuracies. Hub 1/4". **\$2.94**

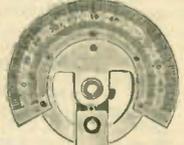
Shpg. wt. 2 lbs. **XH9883—Your Cost Each...**

New Improved Drum Dial

Extra heavy die cast white metal construction. Illuminated. Celluloid scale 0-100 counter-clockwise rotation. Size 5 1/2" high, 3 3/4" deep, 1 3/4" wide. Knob shaft 1/4 x 1 1/2". Escutcheon size 3 3/4 x 4". Shpg. wt. 2 lbs. **XH9809—Dial only for 1/4" shaft. XH9810—Dial only for 3/8" shaft. Your Cost 85¢**
Either Type... 17¢
XH9811—Escutcheon extra. Each... 8¢
XH6476—Insulated Pilot Light Socket extra. Each...



Fan Type Dial



Outside diameter dial 4". For 3/4" shaft. Knob shaft 1/4 x 5/8" long. Celluloid scale. 0-100 counter-clockwise. Has pilot light socket. Escutcheon plate 2 3/4" high, 2 3/8" wide. Shpg. wt. 1 1/2 lbs. **XH9813—Dial only. Each... 47¢**
XH9814—Escutcheon Plate, Extra. Each 12¢



Genuine G. E. MAZDA Pilot Bulbs

Used for radio dial lamps, indicators, etc. Standard carton contains 10 bulbs. Shpg. wt. 8 oz., per box of 10.

| Stock No. | Volts | Amps. | Each | 10 For |
|-----------|-------|-------|-----------|------------|
| XL12250 | 2.5 | 0.50 | 7¢ | 53¢ |
| XL12251 | 3.2 | 0.45 | | |
| XL12252 | 6-8 | 0.50 | | |

COLORED MAZDA BULBS

In red, green amber, and blue. Similar to the above. Specify color desired. **Stock No. Volts Amps. Your Cost Each 10 For 85¢**

SPECIAL AUTO RADIO BULB
Round bulb, miniature base. 6-8 volts, 0.15 amps. Small size. **XL12273—10 for 85¢ Your Cost Each... 10¢**

SPECIAL AIR CELL BULB
Tubular bulb, miniature base. 2 volts, 0.06 amps. Has lowest current drain of any bulb. **XL12274—10 for \$1.75. Your Cost Each... 20¢**

VICTOR-MAZDA PILOT BULB
Intermediate base, frosted bulb. 110 volts. **XL12253—Carton of Ten \$1.65 Your Cost Each... 17¢**

Drive Cables Bands & Belts

The strongest dial cable obtainable.

| Make of Set | Model | Stock No. | Net |
|----------------|----------------|-----------|---------------|
| Atwater Kent | 30 | XH9820 | \$0.17 |
| Atwater Kent | 55 | XH9821 | |
| Atwater Kent | 35, 37 | XH9822 | |
| Atwater Kent | 44 | XH9823 | .32 |
| Atwater Kent | 46 | XH9920 | .20 |
| Atwater Kent | 60, 61 | XH9824 | .29 |
| Amrad | 44 | XH9825 | .18 |
| Bosch | 88A | XH9826 | .17 |
| Bosch | 58A | XH9827 | |
| Bosch | 58, 60 | XH9828 | .23 |
| Bosch | 28 | XH9829 | |
| Balkett | All | XH9830 | .15 |
| Bremer-Tulley | 14, 21 | XH9831 | |
| Brunswick | 15, 22 Front | XH9921 | .25 |
| Brunswick | 15, 22 Rear | XH9922 | |
| Brunswick | 14, 21 | XH9832 | .25 |
| Colonial | 31, 32 | XH9833 | |
| Colonial | 33, 34, 35, 37 | XH9834 | .32 |
| Columbia | All | XH9835 | |
| Crosley | 40s, 60s, 804 | XH9836 | .18 |
| Crosley | 601, 622, 607 | XH9837 | |
| Emerson | All | XH9838 | .25 |
| Eveready | All | XH9839 | |
| Freed-Eisemann | NR60 | XH9841 | .25 |

Dial Drive Cable

Best quality cable. Sixteen strands phosphor bronze wire braided to standard diameter, very strong. **XH9881—100 ft. Spool Your Cost... 75¢**
Per Foot, Your Cost... 1¢

For all Radio Sets

Ends, loops and eyelets firmly soldered.

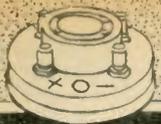
| Make of Set | Model | Stock No. | Net |
|----------------|----------------|-----------|---------------|
| Freshman | 2 | XH9842 | \$0.25 |
| General Motors | All | XH9923 | |
| Grebe | SK4 | XH9843 | .20 |
| Kolster* | 6J | XH9844 | .24 |
| Koister | 43, 44 | XH9845 | .20 |
| Kellogg | All | XH9846 | .35 |
| Majestic No. 1 | 70, 71, 72 | XH9847 | .14 |
| Majestic No. 2 | 70, 71, 72 | XH9848 | .09 |
| Majestic | 15B, Lazyboy | XH9924 | .29 |
| Peerless | 52, 60 | XH9925 | .15 |
| Philco | 15 | XH9926 | .15 |
| Philco | 71 | XH9927 | |
| Philco | 91 | XH9928 | .17 |
| Philco | 111 | XH9929 | |
| RCA | 42 | XH9930 | .17 |
| RCA | 16, 17, 18 | XH9851 | .18 |
| RCA | 46, 64, 67 | XH9852 | |
| RCA† | 16, 17, 18, 33 | XH9853 | .12 |
| Spartan | All | XH9854 | .20 |
| Steinitz | All | XH9855 | |
| Temple | All | XH9856 | .30 |

* Heavy cord with beads on ends; springs.
† Linen cord.

Drive Drum Linen Cord

Finest black linen braided cord. Breaking strength 200 lbs. per ft. Shpg. wt. 1 lb. **XH9882—100 ft. Spool Your Cost... \$3.95**
Per Foot, Your Cost... 5¢

We Will Not Knowingly Be Undersold

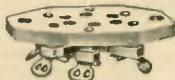


Sockets



HAMMARLUND Isolantite Sockets

Constant resistivity of isolantite and perfect contact eliminate noise and give lowest losses. Glazed top and sides, rust proof side gripping contacts. Sub-panel or base mounting. Four, five, six and seven-prong types. 2 1/4" long by 1 1/4" wide. Ideal for low power transmitters.

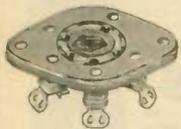


XH8496—4-prong. **35c**
Your Cost Each
XH8497—5-prong. **35c**
Your Cost Each

For the New Tubes

XH8498—6-prong. **35c**
Your Cost Each
XH8499—7-prong, large. **35c**
Your Cost Each
XH8530—7-prong, small. **53c**
Your Cost Each

ISOTEX Sockets



Recommended for use as tube sockets, coil sockets, crystal holder mountings, transmitter sockets, etc., in high and ultra-high gain circuits. Made of Isotex, top and sides glazed to resist moisture. Reinforced springs give perfect contact and eliminate noise. Size 2 1/4" long, 1 1/4" wide. Mounting hole centers 1 1/4". Grooved top.

XM13064—4-prong. **25c**
Your Cost Each
XM13065—5-prong. **27c**
Your Cost Each
XM13066—6-prong. **30c**
Your Cost Each
XM13067—7-prong. **32c**
Your Cost Each

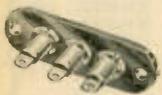
NA-ALD Sub-Panel Sockets



A small-sized 5-prong socket of black moulded insulating Makalot. Panel hole 1 1/4"; mounting holes 1 1/4". Ideal for midjet sets. Now offered at the lowest price. Stock up on them.

XK11625—No. 425. 5-prong. **8c**
Your Cost Each, Special

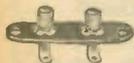
Triple Tip Jacks



Three brass shells mounted on 1/2" high-grade bakelite plate. The cord tips locate center of opening naturally. Shells have two contact springs. Supplied plain, no marking.

XM13006—Your Cost Each. **8c**

Screw Binding Post



Two knurled head screws mounted on 2" bakelite plate. Non-removable. Solder lugs are tinned. Mounting centers 1 1/4".

Plain.
XM13006—Your Cost Each. **6c**

NATIONAL Isolantite Sockets

These Isolantite sockets reduce losses to a minimum. Suitable for either standard subpanel or baseboard mounting. Made in standard 4, 5, 6, 7-prong styles as well as a special 6-prong type for National plug-in coils. Prongs are self-cleaning type and grip securely.



XN14425—4-prong.
XN14426—5-prong.
XN14427—6-prong.
XN14439—7-prong.
XN14428—Special 6-prong type for National coils.
List Price \$0.60.
Your Cost, **36c**
Either Type

Wafer Sockets



For sub-panel mounting. Made of laminated bakelite, with one-piece contact springs, cadmium plated, to prevent oxidation. State marking desired.

XM13070—4-prong, plain or 2A3, 5Z3, 230, 231, 232, 245, 250, 171A, 280, 281, 82, 83. **5c**
Our Cost Each
In lots of 12 for. **\$0.50**
XM13078—5-prong, plain, or 6A4, 224, 227, 233, 235, 236, 237, 238, 239, 43, 46, 247, 56. **5c**
Your Cost Each
In lots of 12 for. **\$0.50**
XM13071—6-prong, plain or 1A6, 2A5, 2A6, 2525, 41, 42, 43, 55, 57, 58, 75, 77, 78, 79, 85, 89. **6c**
Your Cost Each
In lots of 12 for. **\$0.65**
XM13069—7-prong, small and large, in plain or 2A7, 2B7, 6A7, 6B7, 6F7, 53, 59. **7c**
Your Cost Each
In lots of 12 for. **\$0.70**

Bakelite Combination Base or Panel Mount Sockets



Constructed of moulded black bakelite and provided with genuine phosphor bronze contacts. Top is grooved for tube guide.

Stock No. Prongs Your Cost
XM13090 4 **\$0.14**
XM13091 5 **.15**
XM13092 6 **.17**
XM13093 7, small **.20**
XM13094 7, large **.20**

Combination Sockets

Ideal for use in tube testers, analyzers and other test instruments. Moulded bakelite forms.



XM13095—Combination 4, 5, and 6-prong. **25c**
Your Cost Each
XM13096—Combination 5, 6, and small 7-prong. **25c**
Your Cost Each

Base Mount Sockets

Constructed of moulded black bakelite. Have grooved tops for easy tube insertion. Mount easily and securely by means of a single screw through center hole. Ideal for test instruments and midjet receivers.



Stock No. Prongs Your Cost
XM13166 4 **\$0.12**
XM13167 5 **.12**
XM13168 6 **.14**
XM13169 7, large **.15**
XM13170 7, small **.15**

New Clip-Tite Bakelite Sockets



A new type sturdy socket made of moulded bakelite. Has long contacts which grip tube pins firmly.

Socket mounted in special adapter plate and is held in place by a locking ring. Slotted mounting holes permit replacing of any socket having from 1 1/4 to 2-inch mounting centers.

Stock No. Prongs Stock No. Prongs
XM13057 4 **XM13060** 7, large
XM13058 5 **XM13061** 7, small
XM13059 6
Your Cost Each, **7c**
Any Type

Tube Shield Base

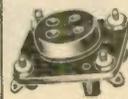
A new type metal shield base which locks between socket and adapter plate. Fits standard 1 1/4" shield.



XM13233—Shield Base only. **2c**
Your Cost Each
In lots of 10 for. **\$0.18**

BENJAMIN Sockets

The popular long life socket. Positive side-wiping contacts of phosphor bronze insure perfect connections at all times. Ideal for use on sets or test equipment using "bread board" type of mounting. Constructed of Moulded Bakelite. Solder lugs for easy connections.



XM13110—4-prong. **29c**
Your Cost Each
XM13111—5-prong. **48c**
Your Cost Each

Binding Posts

Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire securely under pressure contact. 1/4" screw projects 1/2". Overall length 1". Come with blank tops or marked "ANT" or "GND."



These posts are excellent for use where connections must be made and changed quickly and easily.
XM13046—Blank. **5c**
XM13047—"Ant."
XM13048—"Gnd."
Your Cost Each

EBY Binding Posts Non-Removable Tops

Made of composition insulating material. Tops non-removable. Bases specially designed for use on metal chassis. Stud has hole.



XM13083—Ensign Post. Has 1/8" stud, 3/8" long. **12c**
Your Cost Each
XM13084—Commander Post. Has 1/8" stud, 1/2" long. **21c**
Your Cost Each

Eby Twin Post Units

Consists of two standard Eby posts mounted on laminated strips. Marked "ANT" and "GND."



XM13062—Your Cost Each. **15c**

Triple Post Units

Similar to the above, but with three posts marked "L.ANT.", "S.ANT." and "GND."

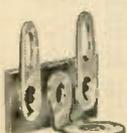
XM13063—Your Cost Each. **18c**

Spring Clamp Binding Post Assembly



Two automatic spring clamp binding posts with insulated tops. Posts mounted on bakelite strip 2" long, 1 1/4" wide. Mounting hole centers 1 1/4". Equipped with soldering lugs, one grounded to chassis. Posts marked "Ant" and "Gnd."
XM13049—Your Cost Each. **12c**

Lug Terminal Strips



These strips are ideal for use on radio set chassis, dynamic speakers, for holding voltage divider resistors, bias resistors and grid leaks. Lugs mounted on bakelite strips, and are tinned. Makes neat appearing jobs.

Stock No. of Lugs Your Cost 10 For
XM13133 2 **\$0.04** **\$0.35**
XM13134 3 **.04** **.35**
XM13135 4 **.06** **.55**
XM13136 5 **.06** **.55**
XM13137 6 **.08** **.70**

SWITCHES

Miniature Bakelite Knife Switches



Nickel plated metal parts. Single pole types 1 1/2" long, double pole 2 1/2".

| Stock No. | Poles | Throw | Net |
|-----------|-------|-------|--------|
| XR16830 | 1 | S | \$0.25 |
| XR16831 | 1 | D | .32 |
| XR16832 | 2 | S | .36 |
| XR16833 | 2 | D | .44 |
| XR16834 | 3 | S | .62 |
| XR16835 | 3 | D | .65 |
| XR16836 | 4 | S | .73 |
| XR16837 | 4 | D | .79 |
| XR16838 | 5 | S | .95 |
| XR16839 | 5 | D | 1.10 |

Porcelain Base Knife Switches

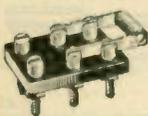


For many radio and electrical uses, especially suitable for aerial and

ground. Copper contacts and blades.

| Stock No. | Poles | Throw | Net |
|-----------|-------|-------|--------|
| XR16820 | 1 | S | \$0.10 |
| XR16821 | 1 | D | .13 |
| XR16822 | 2 | S | .18 |
| XR16823 | 2 | D | .19 |
| XR16825 | 3 | D | .39 |

MUTER Midget Knife Throw Switches



Adapted for either base or panel mounting. Have black bakelite bases. Highly nickeled brass parts with insulated hand-

les. Single pole types 1 1/2" long and 1/2" wide; double pole 1 1/2" long and 1" wide.

| | | |
|---------------------|----------------|-----|
| XR16842—S. P. S. T. | Your Cost Each | 10¢ |
| XR16843—S. P. D. T. | Your Cost Each | 17¢ |
| XR16844—D. P. D. T. | Your Cost Each | 26¢ |

JEWELL Rotary Switches



Supplied as 12, 24 or 36 point switches and can be made in any number of decks desired. Each deck constitutes a rotary mem-

ber and a set of stationary contacts. Standard switch supplied for a panel thickness of 3/8". Bar handle included with switch. Double wiping contacts of phosphor bronze. Shpg. wt. 4 lbs.

| Stock No. | Decks | Points | Your Cost |
|-----------|-------|--------|-----------|
| XJ10335 | 2 | 12 | \$2.83 |
| XJ10336 | 3 | 12 | 3.82 |
| XJ10337 | 5 | 12 | 5.80 |
| XJ10338 | 2 | 24 | 5.15 |
| XJ10339 | 3 | 24 | 6.98 |
| XJ10340 | 5 | 24 | 10.66 |

Other switch combinations supplied on special order.



WESTON Bi-Polar Switches

Dial has openings for index markings. Shpg. wt. 2 lbs.

| | | |
|---------------------|-----------|--------|
| XJ10557—24 Position | Your Cost | \$6.62 |
| XJ10556—10 Position | Your Cost | \$2.75 |

CUTLER-HAMMER Switches

Nickel-plated toggle switches. 3 Amps., 125 volts. Single Pole, Single Throw.

| | | |
|---------------------|----------------|--------|
| XM12836—1/2" Shaft. | Your Cost Each | 15¢ |
| Per Doz. | | \$1.70 |
| XM12835—1" Shaft. | Your Cost Each | 18¢ |
| Per Doz. | | \$2.00 |



Single Pole—Double Throw. XM12834—1/2" Shaft.

| | |
|----------------|--------|
| Your Cost Each | 19¢ |
| Per Doz. | \$2.10 |



Single Pole Triple Throw

Exposed type. Dead center position. 1/2" shaft.

| | | |
|------------|----------------|--------|
| XM12831— | Your Cost Each | 55¢ |
| Per dozen. | | \$6.00 |

Single Pole—Double Throw Similar to above. 1/2" shaft. XM12832—

| | |
|----------------|--------|
| Per Doz. | \$2.75 |
| Your Cost Each | 25¢ |

CUTLER-HAMMER Power Switches

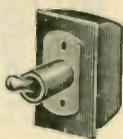
S.P.S.T.

5 Amp., 250 volts. For motors up to 1/2 H. P. Bushing 1 1/2".

| | | |
|----------|----------------|-----|
| XM12813— | Your Cost Each | 25¢ |
|----------|----------------|-----|

D.P.S.T. Similar to the above, but double pole.

| | | |
|----------|----------------|-----|
| XM12814— | Your Cost Each | 29¢ |
|----------|----------------|-----|



10 Amp., 250 volts. For motors up to 3/4 H. P. Bushing 1 1/2".

| | | |
|----------|----------------|-----|
| XM12815— | Your Cost Each | 59¢ |
|----------|----------------|-----|

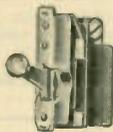
D.P.S.T. Similar to the above, but double pole.

| | | |
|----------|----------------|-----|
| XM12816— | Your Cost Each | 65¢ |
|----------|----------------|-----|

Tool Handle Switch

Single pole, single throw toggle. Flush mounting. Rated 6 amps., 125 volts. For use on electrical appliances such as drills, irons, etc. Screw terminals.

| | | |
|----------|----------------|-----|
| XM12850— | Your Cost Each | 29¢ |
|----------|----------------|-----|

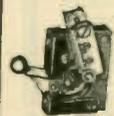


HART & HAGEMAN

Momentary Break Switch

Where temporary contact is wanted.

| | | |
|----------|----------|-----|
| XM12829— | Net Each | 15¢ |
|----------|----------|-----|



New! YAXLEY Gang Switches

These new gang switches are far superior to any other on the market now. Contact members are heavily silver plated, and given a smooth hard finish. Contact shoe of the self-cleaning type is of pure silver. All switches are provided with one permanent stop and one adjustable stop, thus a single switch may be used as a 2, 3, 4, 5, 6 (up to 11), point switch by simply adjusting the stop on front of switch to number of points required. Bushings 3/8" and extend 3/8". Bakelite knob supplied. These switches are suitable for use either in radio receivers or test instruments. Dials and extension shafts are listed on page 137.

| SHORTING | | NON SHORTING | | Your Cost |
|-----------|-----------|--------------|--------------------|-----------|
| Type | Type | Type | Type | Each |
| Stock No. | Stock No. | 1 Circuit. | 1 to 6 points | 50.59 |
| XF6247 | XF6263 | 1 Circuit. | 1 to 11 points | .68 |
| XF6248 | XF6264 | 2 Circuit. | 1 to 5 points each | .73 |
| XF6249 | XF6265 | 3 Circuit. | 1 to 3 points each | .79 |
| XF6250 | XF6266 | 4 Circuit. | 1 to 2 points each | .86 |
| XF6251 | XF6267 | | | |

| TWO GANG SWITCHES | | Your Cost |
|-------------------|--------|--|
| XF6252 | XF6268 | 2 Circuit. 1 to 6 points each... .91 |
| XF6253 | XF6269 | 2 Circuit. 1 to 11 points each... 1.03 |
| XF6254 | XF6270 | 4 Circuit. 1 to 5 points each... 1.18 |
| XF6255 | XF6271 | 6 Circuit. 1 to 3 points each... 1.24 |
| XF6256 | XF6272 | 8 Circuit. 1 to 2 points each... 1.32 |

| THREE GANG SWITCHES | | Your Cost |
|---------------------|--------|--|
| XF6257 | XF6273 | 3 Circuit. 1 to 6 points each... 1.30 |
| XF6258 | XF6274 | 3 Circuit. 1 to 11 points each... 1.38 |
| XF6259 | XF6275 | 6 Circuit. 1 to 5 points each... 1.47 |

| FOUR GANG SWITCHES | | Your Cost |
|--------------------|--------|--|
| XF6260 | XF6276 | 4 Circuit. 1 to 6 points each... 1.62 |
| XF6261 | XF6277 | 4 Circuit. 1 to 11 points each... 1.76 |
| XF6262 | XF6278 | 8 Circuit. 1 to 5 points each... 2.06 |

YAXLEY Junior Jack Switches



Jack Switch lies parallel with panel. Furnished complete with Black Knob; on-off plate. Mounts in 1/4" panel hole, up to 1/4" thick. Is 1 1/4" deep.

Furnished complete with Black Knob; on-off plate. Mounts in 1/4" panel hole, up to 1/4" thick. Is 1 1/4" deep.

Two-Position Switches

| | | |
|--|-----------------|-----|
| XF6471—No. 730. Single pole, double throw. | List 85c. Net | 50¢ |
| XF6472—No. 740. Double pole, single throw. | List 95c. Net | 56¢ |
| XF6473—No. 745. Five Spring. | List 51.10. Net | 65¢ |
| XF6474—No. 760. Double pole, double throw. | List 51.25. Net | 73¢ |
| XF6475—No. 733. 3 pole, single throw. | List 51.25. Net | 73¢ |
| XF6469—No. 744. 4-pole, single throw. | List 51.60. Net | 94¢ |

Three-Position Switches

| | | |
|--|-----------------|--------|
| XF6440—No. 732. Single pole, double throw, center off. | List 85c. Net | 50¢ |
| XF6441—No. 762. Double pole, double throw, center off. | List 51.20. Net | 70¢ |
| XF6442—No. 763. 3-pole, double throw, center off. | List 51.55. Net | 91¢ |
| XF6443—No. 764. 4-pole, double throw, center off. | List 51.95. Net | \$1.15 |

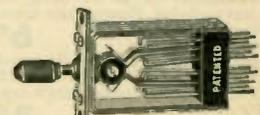
YAXLEY Push Button Switches



Non-Locking Types. Furnished complete with black Bakelite knob. Mounts in single 1/4" hole, on panels up to 1/4" thick.

| | | |
|---|----------------------------|-----|
| XF6460—No. 2001. Make contact. | List 90c. Your Cost Each | 53¢ |
| XF6461—No. 2002. Break contact. | List 90c. Your Cost Each | 53¢ |
| XF6462—No. 2003. Single Pole, double throw. | List 51.00 | 59¢ |
| XF6457—No. 2004. 2-pole, 2-ctct. | List 51.20. Your Cost Each | 71¢ |
| XF6464—No. 2005. 2-pole, brk. 2-ctct. | List 51.20. | 71¢ |
| XF6465—No. 2006. 2-pole, double throw. | List 51.50. | 88¢ |
| XF6463—No. 2007. Mk-2, brk-1. | List 51.30. Your Cost Each | 76¢ |
| XF6468—No. 2008. 2-pole, double throw. Make before break. | List 51.65. Your Cost Each | 97¢ |

FEDERAL Anti-Capacity Switches



| | | |
|------------------|-----------|--------|
| XM12850—4 P.D.T. | Your Cost | \$1.90 |
| XM12851—D.P.D.T. | Your Cost | \$1.65 |
| XM12852—D.P.S.T. | Your Cost | \$1.65 |

Every Day is BARGAIN DAY at Wholesale Radio Service Co., Inc.



Set Builders Accessories



Alligator Test Clips

Head of clip is long thin design. Round barrel and made to fit plug in prongs. Has firm spring grip. Ideal for meters, test boxes, etc. Size 1/4" wide, 2" long.
XM12958—
Your Cost Each..... 4¢
Per dozen..... \$0.45

NATIONAL S. G. Clip

Makes a positive grip on tube cap.
XN14434—
Each..... 3¢

Screen-Grid Clip

Manufacturers type. Brass, tinned for easy soldering. Shpg. wt. 6 ozs.
XP14827—
Your Cost, Each..... 1¢
Per Dozen..... 10¢
Per Gross..... \$1.00

YAXLEY Terminal Clips

A very convenient and substantial clip. Hot tin dipped for easy soldering. Often used as Antenna and Ground connections and power terminals. Furnished complete with two screws. Envelope of 5 Clips.
XP14938—
Your Cost..... 15¢

Mounting Lugs

For anchoring shield can to chassis. Made of cadmium plated steel. Flat end with hole to fit 6-32 screw. Threaded end size 6-32.
XP14955—
Your Cost per 10..... 6¢
Your Cost per 100..... \$0.40

MIDGET

Short Jacks
 Bakelite insulation. 3/4" mtg. hole.
XF6548— Closed Circuit.
XF6549— Open Circuit.
Your Cost, Either Type..... 14¢

Metal Binding Posts

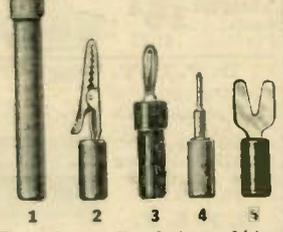
A **B** **C** **D**

XMM13020—Type A. Nickered brass. Bolt and nut mounting. Knurled screw top. Heavy duty type.
XMM13021—Type B. Nickered brass. Removable wood screw mounting. Can be mounted with 10-32 hole.
XMM13022—Type C. Brass finished. 10-32 mounting bolt. Knurled screw top.
XMM13024—Type F. Same as C but nickered. Heavy duty type.
Your Cost, 10 for 50c..... 6¢
Any Type, Each..... 3¢
XMM13019—Type E. Brass screws. Flat top with knurled edge for any above posts.
Your Cost, Each..... 1¢

VARI-COLORED INSULATION

The insulation on the various items listed below is available in the following attractive colors: Red, Black, Blue, Green, Purple, or Yellow. When ordering state color desired.

Test Instrument Fittings



These fine quality fittings add immeasurably to the attractiveness of your test instruments, etc. The bright colors provide an easy means of terminal identification.

1. 4" Test Prod with banana plug tip. **XM12910—**
Your Cost, Each..... 15¢
2. Insulated Alligator Clip to fit test prod or any banana plug. **XM12911—**
Your Cost, Each..... 9¢
3. Short Test Prod, 2 1/2" long. **XM12912—**
Your Cost, Each..... 12¢
4. Insulated needle point phone tip plug to fit test prods. **XM12913—**
Your Cost, Each..... 6¢
5. Insulated Plug with tapered lug. **XM12914—**
Your Cost, Each..... 6¢

Laboratory Test Prods

Sharp-pointed tip mounted in 4" heavy composition handle. Brass nickel plated tip removable from handle for easy connection. Solderless. In Red, Black, Green, Blue, Yellow, or Purple.
XM12881—
Your Cost, Each..... 15¢

Meter Binding Post

Colored composition top and heavy nickered plated ferrule. Mounts with single screw. Specify color.
XM13163—
Your Cost, Each..... 5¢

Insulated Plug Type Binding Post

Hole in top fits banana plug. Hole in stem for wire.
XM12945—
Your Cost, Each..... 9¢

Insulated Plug Connectors

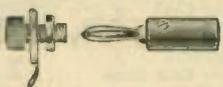


For connecting two banana type plugs together. Positive contact. Connector is 1 1/2" long. State color desired.
XM12947—
Your Cost, Each..... 9¢

Tapered Lugs

Will fit over all diameters of screws up to No. 10. Shank fits banana plugs. Width of lug 3/8", length 1 1/4". Bridge in barrel for easy soldering.
XM12954—
Per Dozen..... 12¢
 50 for..... \$0.45

Insulated Banana Plugs and Jacks



Insulated shoulders and screw ends for solderless connections. Heavy brass nickel plated springs. Jacks have insulated caps and are provided with washer, soldering lug and nut. Fit 1/4" hole. Excellent for making quick sure connections without any chance of shorting. Specify color desired.
XM12915— Insulated Banana Plugs
XM12916— Insulated Banana Jacks.
Your Cost, Each, Either Type..... 6¢
Per Dozen..... \$0.65

Insulated Tip Jacks

Have new type springs which provide sure grip contact. Tip nests all the way in jack. Mounts in 3/4" hole. Capless danger of shorting. All colors.
XM12879—
Your Cost, Each..... 6¢
Per Dozen..... \$0.65

Sr. Insulated Plug

A positive contact plug of the solderless type, fits all standard tip jacks. Used for test leads on meters, analyzers, etc. Specify color desired.
XM12973—
Your Cost, Each..... 6¢
Per Dozen..... \$0.65

Jr. Insulated Plug

Similar to the above but only 1 1/2" long. All colors.
XM12974—
Your Cost, Each..... 5¢
Per Dozen..... \$0.55

Insulated Screen Grid Caps

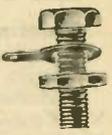
Heavily insulated. By using various colors for different tubes no other socket identification is necessary.
 Complete with 8" leads.
XP14712—
Your Cost, Each..... 8¢

Flush Type Tip Jacks

Heavy contact spring. Will take both plain and solderless tips. Mount in 1/4" holes. Nickered.
XM12948—
Your Cost, Each..... 6¢

Banana Jacks

Brass nickel plated. Used with banana plugs. 1" long
XM12923—
Your Cost, Each..... 4¢
Per Dozen..... \$0.45



Banana Plugs

Tinned spring brass plugs for above jacks. 1 1/2" long.
XM12919—
Your Cost, Each..... 4¢
Per Dozen..... \$0.45



Tip Jacks

Nickel plated. Powerful bronze spring. 3/4" mtg. hole.
XM12918—
Your Cost, Each..... 4¢
Per Dozen..... \$0.45



Senior Tip Plug

All metal tip lug for tip jack use. Solderless connection.
XM12943—
Your Cost, Each..... 4¢
Per Dozen..... \$0.42

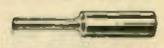


Junior Tip Plug

As above, but only 1" long.
XM12944—
Your Cost, Each..... 3¢

Regular Type

Nickel Plated Brass.
XP14881— Your Cost, Per Dozen..... 4¢
Per Gross..... \$0.45



Easy

Solder Type
 Hole in side for easy soldering.
XP14882—
Per Dozen..... 9¢



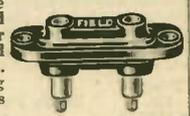
Heavy Duty Metal Binding Post

Especially designed for high amperage work. Nickel plated brass. Approximately 1" high.
XM12946—
Your Cost, Each..... 6¢
Per Dozen..... \$0.60



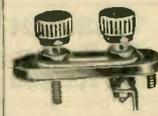
EBY Twin Jacks

Bakelite moulded strip for standard phone tips. Mounting hole centers 1 1/4".
XM13030— Phono.
XM13031— Speaker.
Your Cost, Each, Either Type..... 5¢
Per Dozen..... \$0.50



EBY Twin Posts

Bakelitestrip, brass posts. One gnd., one ant. mounting, centers 1 1/4" centers. Ideal for the set builder to use A handy item for the serviceman to carry at all times in his kit.
XM13025—
Your Cost, Each..... 12¢
 10 for..... \$1.10



Nickel Plated Brass Nuts, Screws and Washers Wood Screws

| Round Head | | | | |
|------------|------|--------|------|-------|
| Stock No. | Size | Length | Doz. | Gross |
| XP14780 | 4 | 3/8" | 4c | 40c |
| XP14781 | 5 | 1/2" | 5c | 50c |
| XP14782 | 5 | 5/8" | 6c | 60c |
| XP14783 | 5 | 1" | 8c | |
| Oval Head | | | | |
| XP14790 | 4 | 3/8" | 4c | 40c |
| XP14791 | 5 | 1/2" | 5c | 50c |
| XP14792 | 5 | 5/8" | 6c | 60c |
| XP14793 | 5 | 1" | 8c | |
| Flat Head | | | | |
| XP14796 | 4 | 3/8" | 4c | 40c |
| XP14797 | 5 | 1/2" | 5c | 50c |
| XP14798 | 5 | 5/8" | 6c | 60c |
| XP14799 | 5 | 1" | 8c | |

Machine Screws

| 6-32 Round Head | | | | |
|-----------------|--------|------|-------|--|
| Stock No. | Length | Doz. | Gross | |
| XP14750 | 3/8" | 3c | 30c | |
| XP14751 | 1/2" | 4c | 38c | |
| XP14752 | 5/8" | 5c | 50c | |
| XP14753 | 1" | 5c | 50c | |
| XP14754 | 1 1/4" | 6c | 65c | |

| 8-32 Round Head | | | | |
|-----------------|--------|------|-------|--|
| Stock No. | Length | Doz. | Gross | |
| XP14755 | 3/8" | 4c | 40c | |
| XP14756 | 1/2" | 5c | 48c | |

| 6-32 Flat Head Machine Screws | | | | |
|-------------------------------|--------|------|-------|--|
| Stock No. | Length | Doz. | Gross | |
| XP14760 | 3/8" | 3c | 30c | |
| XP14761 | 1/2" | 4c | 38c | |
| XP14762 | 5/8" | 5c | 50c | |
| XP14763 | 1" | 5c | 50c | |
| XP14764 | 1 1/4" | 6c | 60c | |

| 6-32 Oval Head Machine Screws | | | | |
|-------------------------------|--------|------|-------|--|
| Stock No. | Length | Doz. | Gross | |
| XP14770 | 3/8" | 3c | 30c | |
| XP14771 | 1/2" | 4c | 38c | |
| XP14772 | 5/8" | 5c | 50c | |
| XP14773 | 1" | 5c | 50c | |
| XP14774 | 1 1/4" | 6c | 60c | |

Hex Nuts, Knurled Nuts and Washers

| | | |
|--|----|-----|
| XP14804—6-32x1/4" Hex Nuts. Envelope of 20; Net. | 5c | 20c |
| XP14805—8-32x1/4" Hex Nuts. Envelope of 20; Net. | 5c | 20c |
| XP14806—6-32x3/8" Hex Nuts. Envelope of 15; Net. | 5c | 25c |
| XP14807—8-32x3/8" Hex Nuts. Envelope of 15; Net. | 5c | 25c |
| XP14808—6-32x3/8" Knurled Nuts—Envelope of 6; Net. | 5c | 75c |
| XP14809—No. 6 Washers. Envelope of 25; Net. | 5c | 20c |
| XP14810—No. 8 Washers. Envelope of 25; Net. | 5c | 20c |

Machine Screw Nut and Washer Assortments

Each assortment contains 12 oval head machine screws, 12 nuts and 12 washers. Brass nickel plated. Shipping weight 6 oz.

| | |
|-------------------|------------|
| XP14800—6-32x1/4" | 9c |
| XP14801—6-32x1/2" | 9c |
| XP14802—6-32x1" | 10c |
| Your Cost Per Box | 10c |
| Any Ass't. | |

Fancy Head Bronze Finish Screws For Mounting Speakers, etc.

| Stock No. | Size | Length | Doz. | Gross |
|-----------|------|--------|------|--------|
| XP14680 | 6-32 | 3/8" | 9c | 95c |
| XP14681 | 6-32 | 1/2" | 9c | |
| XP14682 | 6-32 | 5/8" | 10c | |
| XP14683 | 8-32 | 3/8" | 10c | |
| XP14684 | 8-32 | 1/2" | 10c | |
| XP14685 | 8-32 | 5/8" | 14c | \$1.50 |

Radio Hardware

Upright Clip Mount

XH9812—
Each 5c
Per Doz..... 50c



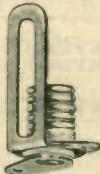
Rubber Grommet Type

XF6476—
Each 5c
Per Dozen 50c



Adjustable Bracket Type

Slot in bracket for adjusting.
XP15007—
Your Cost 5c
Each 5c
Per Dozen 55c



Insulating Washers

Extruded Washer, Fibre

| Stock No. | O. D. | I. D. | Thick |
|-----------|--------|--------|-------|
| XP15020 | 1" | 3/4" | 1/8" |
| XP15021 | 1 1/4" | 1" | 1/8" |
| XP15022 | 1 1/2" | 1 1/4" | 1/8" |
| XP15023 | 1 3/4" | 1 1/2" | 1/8" |

Either type, package of 10.
Your Cost 15c



Flat Washer, Bakelite

| Stock No. | O. D. | I. D. | Thick |
|-----------|--------|--------|-------|
| XP15030 | 1" | 3/4" | 1/8" |
| XP15031 | 1 1/4" | 1" | 1/8" |
| XP15032 | 1 1/2" | 1 1/4" | 1/8" |

Either type, package of 10.
Your Cost 9c

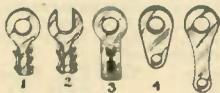


Tinned Brass Lugs

All have No. 8 hole which will fit either No. 6 or 8 screws. Shpg. wt. 6 oz.

| | |
|---------------------|-------------------|
| XP14812—Style No. 1 | Your Cost Per 100 |
| XP14813—Style No. 2 | Any Type |
| XP14814—Style No. 3 | Soldless. |
| XP14816—Style No. 4 | 1/2" long. |
| XP14818—Style No. 5 | 3/4" long. |

18c



Shakeproof Washers

XP14758—To pass No. 6 screw.
XP14759—To pass No. 8 screw.
Either Type Envelope of 25
Net **10c**



Self Tapping Machine Screws

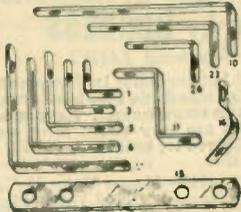
Used in practically all sets made today. Save time and labor in building your own receiver.
Drill a hole and drive them in. No tapping of holes necessary.

| HEXAGON HEAD | | | | | ROUND HEAD | | | | |
|--------------|------|--------|------|--------|------------|------|--------|------|--------|
| Stock No. | Size | Length | Doz. | Gross | Stock No. | Size | Length | Doz. | Gross |
| XP14650 | 4 | 3/8" | 6c | | XP14665 | 4 | 3/8" | 6c | |
| XP14651 | 6 | 3/8" | 6c | 60c | XP14666 | 6 | 3/8" | 6c | |
| XP14652 | 6 | 1/2" | 6c | | XP14667 | 6 | 1/2" | 6c | |
| XP14653 | 6 | 5/8" | 6c | | XP14668 | 6 | 5/8" | 6c | |
| XP14654 | 6 | 3/4" | 7c | | XP14669 | 6 | 7/8" | 7c | |
| XP14655 | 6 | 7/8" | 7c | | XP14670 | 6 | 1" | 7c | |
| XP14656 | 8 | 3/8" | 7c | | XP14671 | 8 | 3/8" | 7c | |
| XP14657 | 8 | 1/2" | 7c | | XP14672 | 8 | 1/2" | 7c | |
| XP14658 | 8 | 5/8" | 7c | | XP14673 | 8 | 3/4" | 7c | |
| XP14659 | 8 | 7/8" | 7c | | XP14674 | 8 | 1" | 7c | |
| XP14660 | 8 | 1" | 7c | | XP14675 | 8 | 1 1/4" | 7c | |
| XP14661 | 10 | 3/8" | 8c | | XP14676 | 10 | 3/8" | 8c | |
| XP14662 | 10 | 1/2" | 8c | | XP14677 | 10 | 1/2" | 8c | |
| XP14663 | 10 | 5/8" | 9c | \$1.00 | XP14678 | 10 | 3/4" | 9c | \$1.00 |
| XP14664 | 10 | 7/8" | 10c | \$1.05 | XP14679 | 10 | 1" | 10c | \$1.05 |

Angle Brackets

Brass, nickel plated. Width 3/8".

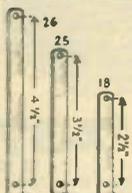
| Stock No. | No. | Size | Pair |
|-----------|-----|--------------|------|
| XP14895 | 1 | 1/2x1 1/2" | 2c |
| XP14896 | 3 | 3/4x3/4" | 3c |
| XP14897 | 5 | 1x1" | 4c |
| XP14898 | 6 | 1 1/4x1 1/4" | 5c |
| XP14899 | 7 | 1 1/2x1 1/2" | 7c |
| XP14900 | 10 | 2x2 1/2" | 7c |
| XP14901 | 11 | 3" high | 7c |
| XP14902 | 15 | 3" long | 7c |
| XP14903 | 23 | 1 1/2x1 1/2" | 6c |
| XP14904 | 24 | 1 1/2x1 1/2" | 3c |



Transformer Brackets for Audio and Power Transformers

Ideal for mounting all types. Center-to-center dimensions given in illustration.

| | | |
|-----------------|-------|-----|
| XP14839 No. 18. | 2 for | 10c |
| XP14840—No. 25. | 2 for | 15c |
| XP14841—No. 26. | 2 for | 20c |



FAHNESTOCK Clips

| | | |
|--------------------------|---------------------|-----|
| XP14823—Single 3/4" | Your Cost Per Dozen | 10c |
| XP14824—Single 1" | Your Cost Per Dozen | 12c |
| XP14825—Twin 1 1/2" long | Your Cost Per Dozen | 25c |
| XP14826—Twin 1 3/4" long | Your Cost Per Dozen | 28c |



Rubber Grommet Assortments

Kit "A" contains 12 assorted grommets in 4 sizes—1/4" to 1/2"
XP14794—
Your Cost 9c

Kit "B" contains 30 assorted grommets in 5 sizes—3/8" to 1 1/2"
XP14795—Your Cost 24c



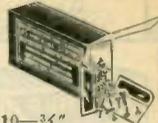
Machine and Wood Screw Assortments

Each assortment contains 85 steel 6-32 screws as assorted as follows:

| | |
|---------|---------|
| 30—3/8" | 10—3/4" |
| 20—1/2" | 10—1" |
| 15—5/8" | |

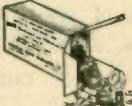
XP14835—Round Head.
XP14836—Flat Head.
XP14837—Oval Head.
Your Cost Either Kind **25c**

100-Piece Screw Assortment
Contains 100 assorted round head machine screws, nuts and washers, size 6-32.
XP14847—Your Cost **25c**



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. Shpg. wt. 1 lb.
XP14803—Your Cost **95c**



Handy Hardware Assortment

45c
2 lb. Kit

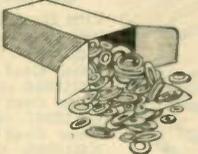
A big assortment for the serviceman, of assorted screws, nuts, washers, eyelets, lugs, brackets, etc. (3 3/4 pounds). Something of everything in the way of small parts used in radio receivers. An indispensable and economical assortment that no serviceman can afford to be without. Shpg. wt. 5 lbs.
XP14834—Your Cost **70c**

Same as above, but contains 2 lb. of hardware. Shpg. wt. 3 lbs.
XP14844—
Your Cost **45c**



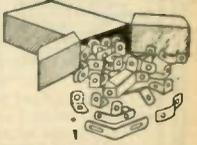
Fibre Washers

A handy assortment for the serviceman. Contains various sizes of both shouldered and plain fibre washers in cardboard box. 100 pieces. Shpg. wt. 8 oz.
XP14832—
Your Cost Per Box **24c**



Angle Bracket Assortment

Contains 28 of the most popular angles and brackets used on the average radio set. Solid brass neatly nickel plated. A very handy assortment that no serviceman should be without. Shpg. wt. 1 lb.
XP14838—Your Cost Each **25c**



Switch Points and Stops

XP14784—Points.
XP14785—Stops.
Either Type Per Doz. **10c**



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

BATTERIES & BATTERY CHARGERS



BEN HUR Dry Batteries made by BURGESS and priced LOW!

A lower priced battery made by Burgess and built to the high standards that have always been kept by this manufacturer. Navy specifications, which are very strict, have been very closely adhered to, both as to quality of materials and life.

XY19730—Standard 45 Volt "B" tapped at 22½ Volts. Shpg. wt. 11 lbs. Quantities Less than Six.

Your Cost Each 97c
Standard Package of Six **88¢**
Your Cost Each

XY19733—No. 6 Dry Cell. Shpg. wt. 3 lbs.
Your Cost Each 18c

XY19731—Heavy Duty 45 Volt "B" tapped at 22½ Volts. Shpg. wt. 5 lbs. Quantities Less than Six.

Your Cost Each \$1.32
Standard Pack-Standard of Six. **\$1.20**
Your Cost Each

XY19728—4½ V. "C" Battery. Your Cost 19c
XY19729—22½ V. "B" and "C" Battery. Your Cost 61c

Uniform quality insures equal current drain and low internal resistance. These batteries are exceptionally long lived. All terminals clearly marked.



| Stock No. | Burgess No. | Volts | Size, Inches L W H | Shpg. Wt. Pkg. Each | Quan. | List Price | Your Cost Each | Crtn. Lots, Each |
|-----------|-------------|-------|--------------------|---------------------|-------|------------|----------------|------------------|
|-----------|-------------|-------|--------------------|---------------------|-------|------------|----------------|------------------|

SUPER "B" BATTERIES

| | | | | | | | | |
|----------------|-------|----|----------|-----|---|--------|--------|--------|
| XY19850 | 21808 | 45 | 4½ 8½ 7½ | 16 | 6 | \$2.50 | \$1.93 | \$1.75 |
| XY19851 | 22308 | 45 | 3½ 7½ 7½ | 10½ | 6 | 1.95 | 1.51 | 1.37 |

Private Car Type

| | | | | | | | | |
|----------------|------|----|----------|----|---|------|------|------|
| XY19855 | 2305 | 45 | 8½ 3½ 7½ | 11 | 6 | 1.95 | 1.51 | 1.37 |
|----------------|------|----|----------|----|---|------|------|------|

Police Radio Type

| | | | | | | | | |
|----------------|-------|----|----------|-----|---|------|------|------|
| XY19857 | 21805 | 45 | 4½ 8½ 7½ | 15½ | 6 | 3.60 | 2.75 | 2.50 |
|----------------|-------|----|----------|-----|---|------|------|------|

STANDARD "B" BATTERIES

| | | | | | | | | |
|----------------|-------|-----|----------|----|----|------|------|------|
| XY19859 | 10308 | 45 | 4½ 8 7 | 14 | 6 | 2.10 | 1.61 | 1.46 |
| XY19860 | 2308 | 45 | 3½ 8½ 7 | 11 | 6 | 1.65 | 1.27 | 1.15 |
| XY19861 | 5308 | 45 | 2½ 4½ 5½ | 11 | 5 | 1.20 | .94 | .85 |
| XY19862 | 5156 | 22½ | 2½ 4½ 2½ | 5 | 10 | .90 | .67 | .61 |
| XY19863 | 4186 | 22½ | 2 3½ 2½ | 2 | 10 | .75 | .58 | .53 |
| XY19878 | 2156 | 22½ | 4 6½ 3 | 6 | 5 | 1.50 | 1.16 | 1.05 |

STANDARD "C" BATTERIES

| | | | | | | | | |
|----------------|------|----|----------|----|----|-----|-----|-----|
| XY19866 | 5360 | 4½ | 2½ 1½ 2½ | 1 | 10 | .40 | .31 | .28 |
| XY19867 | 2370 | 4½ | 1½ 4 3 | 2 | 10 | .30 | .24 | .22 |
| XY19868 | 5540 | 7½ | 7½ 4 2½ | 3½ | 10 | .65 | .48 | .44 |

SOUND PROJECTIVE BATTERY

| | | | | | | | | |
|----------------|-------|----|----------|-----|---|------|------|------|
| XY19871 | 22328 | 45 | 3½ 7½ 7½ | 10½ | 4 | 2.50 | 1.95 | 1.75 |
|----------------|-------|----|----------|-----|---|------|------|------|

RADIO "A" BATTERY

| | | | | | | | | |
|----------------|----|----|------|---|----|-----|-----|-----|
| XY19875 | 6A | 1½ | 6x2½ | 3 | 25 | .40 | .31 | .28 |
|----------------|----|----|------|---|----|-----|-----|-----|

AIRCRAFT RADIO BATTERY

| | | | | | | | | |
|----------------|------|-----|----------|---|---|------|------|-------|
| XY19877 | 5966 | 135 | 9½ 2½ 7½ | 9 | 1 | 7.25 | 5.10 | |
|----------------|------|-----|----------|---|---|------|------|-------|

BURGESS "A" Batteries

Illustrated at the right is the Burgess Dry "A" Pack intended for use with receivers using 2 volt tubes. It delivers 3 volts and is used with a suitable series resistor. Dimensions are 12½x4½x6½", making it compact enough to fit inside the receiver. Shpg. wt. 62½ lbs.



XY19872—Burgess 3 volt, "A" Pack. List \$3.20

Your Cost Each **\$2.37**
Carton Lots Each (4 to a Carton) \$2.15
Illustrated at the left is the Burgess No. 4 Dry Cell used for Microphone Current—Portable "A" supply, etc. **XY19869**—4" high, 2½" diameter. Shpg. wt. 1 lb. Your Cost Each **24¢**



EVEREADY "Air Cell Battery"

The new Eveready Air Cell Battery for operating two-volt tubes does not require recharging—merely replenish water once a month. Ordinary drinking water is used, no distilled water is necessary. Approximate life when used with an approved air-cell battery receiver is 1000 hours. Dimensions of battery 10½" high, 13½" long, and 6¾" wide. Shpg. wt. 29 lbs.



XY19973—Your Cost **\$5.95**

BOND Radio Batteries

The finest storage battery made. Leak proof moulded one piece cases. Non-warping separators. Heavy plates carefully pasted with pure active material. Four popular sizes are listed below.

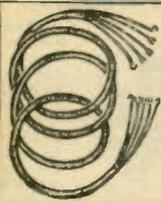


| Stock No. | Volts | Cap. AHR | Shpg. Wt. | Your Cost |
|----------------|-------|----------|-----------|-----------|
| XY19720 | 2 | 100 | 22 | 55.50 |
| XY19721 | 6 | 100 | 50 | 8.50 |
| XY19722 | 6 | 85 | 39 | 6.95 |
| XY19723 | 6 | 120 | 65 | 9.95 |

Battery Cable

Five ft. cables complete with terminals.

| | | |
|-------------------------------|----------------------|-----|
| XQ16087 —7 Conductor. | Your Cost Each | 37c |
| XQ16086 —8 Conductor. | Your Cost Each | 40c |
| XQ16087 —9 Conductor. | Your Cost Each | 45c |
| XQ16088 —10 Conductor. | Your Cost Each | 50c |



Battery Cable by the Foot

A high grade, well insulated cable. Each lead a different color for easy identification.

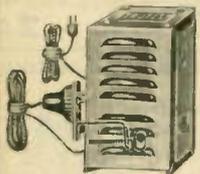
| Stock No. | No. Wires | Per Ft. | Per 100 Ft. |
|----------------|-----------|---------|-------------|
| XQ16089 | 3 | 2½c | \$2.20 |
| XQ16090 | 4 | 3c | 2.60 |
| XQ16091 | 5 | 3½c | 3.10 |
| XQ16092 | 6 | 4½c | 4.10 |
| XQ16093 | 7 | 5c | 4.40 |
| XQ16094 | 8 | 5½c | 4.95 |
| XQ16095 | 9 | 6c | 5.50 |
| XQ16096 | 10 | 6½c | 5.95 |

Truest Automobile Battery Charger

This efficient and inexpensive charger will keep your battery up to its full capacity at all times.

You cannot afford to be without one with the increased demand on your automobile battery due to the use of your auto radio and other necessities of present day cars. Attach the clamp-on receptacle to the dashboard of your car and attach the two leads from the receptacle to the ammeter and your charger is ready for use. When you drive into your garage at night simply plug your charger into the receptacle and it will give your battery the necessary boost to keep it up to its full capacity. Charging rate 3 amperes. Shpg. wt. 7 lbs.

YN14200—Your Cost **\$4.95**



NATIONAL Velvet "B" Eliminator

Operates 1 to 6-tube sets, including power tube. Provided with 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.) Shipping weight 18 lbs. Silent, Hum-free output. Black crystalline case. **KN14380**—List \$16.50
Your Cost Less Tube **\$9.70**



Hydrometer

Live red rubber bulb and nozzle; beaded float. Shpg. wt. 3 lbs.
XP15694—Your Cost Each **28¢**



Battery Clips Heavy Spring

| | | |
|------------------------------------|------------------|----|
| XQ16062 —No. 240A. 2" long. | 10 for 47c. Each | 5¢ |
| XQ16061 —No. 480B. 2" long. | 10 for 28c. Each | 3¢ |
| XQ16060 —No. 450. 1" long. | 10 for 25c. Each | 3¢ |
| XQ16063 —No. 210A. 3" long. | 10 for 80c. Each | 9¢ |

Tungar 5 Amp. Charger

A new GE Battery Charger for charging any 6 volt battery at home. Delivers full 5 ampere rate and tapers off as battery becomes charged, thus preventing overcharging. Battery cannot discharge through charger because of power failure. No switches to regulate—no moving parts to wear out. Comes complete with receptacle for attaching to car and ammeter so that battery can be connected and disconnected in a moment. Not necessary to remove floor boards. Complete with tube and all attachments. For operation 110 volt 60 cycle A. C. Shpg. wt. 12 lbs.



XP15699—Your Cost, Complete **\$9.48**

Glass Enclosed Crystal Detector



Dust-proof. Super-sensitive crystal and easily adjusted cats-whisker that will hold its position.
XN13916—
Your Cost 22c

Mounted Galena Crystal

Carefully tested and mounted crystals.
XN13900—
Your Cost 6c



Super-Sensitive Crystal

Gets more stations because it's extra-sensitive.
XN13901—
Your Cost 14c



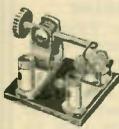
Fixed Crystal

A sensitive crystal with a permanently fixed contact. Carefully tested.
XN13913—
Your Cost 45c



Crystal Detector

Ball and socket swivel adjustment.
XN13917—
Your Cost 12c



Crystal Receiving Set

This little set using a specially developed crystal for detection gives surprisingly good results. Complete with crystal and cats whisker.
 Shpg. wt. 2 lbs.
XN13879—
Your Cost 79c

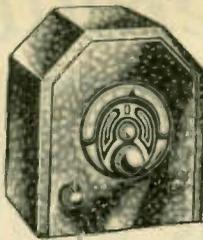


Ear Phone Cushions

These cushions made of soft rubber protect the ears from the pressure of headphones.
XN13940—
Your Cost, Pair 25c



RADIO SETS for the beginner



PHILMORE 1, 2, and 3 Tube Sets

These compact little battery operated receivers have been especially designed for the beginner and for use as an extra set for use in the playroom, etc. Simplified single dial tuning permits operation by even the most inexperienced person. New type tubes keep the current consumption extremely low and make them economical to operate.

1-TUBE SET

XN13880—Requires one dry "A" battery, one 22½-volt "B" battery and one Type 230 tube; headphones and aerial.
 Less accessories, **\$4.20**
Your Cost
XN13881—Complete with batteries and tube (no headphones or aerial). Shpg. wt. 15 lbs.
Your Cost
Each \$5.85

2-TUBE SET

XN13882—Requires two dry "A" batteries, one 45-volt "B" battery, two Type 230 tubes; headphones and aerial. Shpg. wt. 9 lbs.
 Less accessories, **\$5.25**
Your Cost
XN13883—Complete with batteries and tubes (no headphones or aerial). Shpg. wt. 27 lbs.
Your Cost
Each \$7.55

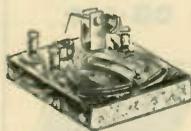
3-TUBE SET

XN13884—Requires two dry "A" batteries, two 45-volt "B" batteries, one 22½-volt "C" battery, two Type 230 and one Type 231 tubes. Headphones or magnetic speaker and aerial. Shpg. wt. 33 lbs.
 Less accessories, **\$7.45**
Your Cost Each \$7.45
XN13885—Complete with tubes and batteries (no headphones or aerial). Shpg. wt. 9 lbs.
Your Cost
Each \$11.75

SPECIAL AERIAL AND HEADPHONE KIT

A specially matched set of headphones and complete aerial-ground equipment for use with any of the Philmore sets listed on this page.
 Shpg. wt. 5 lbs.
XN13890—
Your Cost \$1.38

"Little Wonder" Crystal Sets



55c
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. Shpg. wt. 1 lb.

XN13889—
Your Cost Each 55c

"Selective" Crystal Set



\$2.45
NET

A more advanced type of crystal set having a tapped inductance and a variable condenser. Enclosed crystal detector and terminals for two pairs of phones. Shpg. wt. 5 lbs.

XN13886—
 List \$5.00
Your Cost \$2.45



Extension Cords

Tinsel Centers
 Double covering of cotton insulating braid. Not suitable for carrying heavy current. Pin tips both ends.
 Stock No. Length Your Cost
XN13945 10 \$0.18
XN13946 20 .24
XN13947 30 .35
XN13948 40 .45
XN13949 50 .52
XN13950 100 .98

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
XN13951 10 \$0.30
XN13952 20 .48
XN13953 30 .75
XN13954 50 1.10

Extension Cord Connector

Has two openings at either end for inserting two pin tips. Made of brown bakelite.



XN13051—
Each 8c
Per dozen \$0.85

Phone and Speaker Cords

Five-foot double cord. Spade tips one end; straight tips other. Cotton braid cover.

XN13955—List \$0.55
Your Cost Each 19c
 As above with straight tips both ends.

XN13956—
Your Cost Each 19c
 Five-foot single cord with straight tips both ends.

XN13957—
 List \$0.35
Your Cost Each 15c

Double Phone Plug



Will take one or two, phone or speaker cords or a combination of both. Colored Amerlay cap. Red, Blue, Green, Black. Metal nicked.

Has tie loop.
XP14886—Specify color.
Your Cost Each 19c

ACME Headphones



Wt. 5 ozs.
 These phones are efficient, small in size; light in weight, and easily adjusted. The articulation is clear. Shells of polished aluminum.

Shpg. wt. 1 lb.
XN13927—2000 ohms.
Your Cost 98c
XN13928—4000 ohms.
Your Cost \$1.25

NATHANIEL BALDWIN Type "C" Phones

This excellent phone has held a well-deserved popularity for many years. Extreme sensitivity and rugged construction make them the choice of professional and amateur alike. Mica diaphragms and balanced armature construction with powerful permanent magnets. Shpg. wt. 2 lbs.



XN13920—
Per Pair \$3.65

HEADPHONES



FROST DX Special Phones

20,000 Ohms Impedance
 These phones fully meet the requirements of amateurs and DX fans. Are extremely sensitive. Easily adjustable; can be worn for hours without the slightest discomfort.

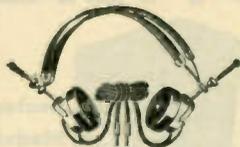
Magnets are of a special steel; diaphragms of finest gauge metal. Shells of polished aluminum with black composition caps. Equipped with a five-foot flexible cord. Impedance of 20000 ohms.
XN13931—
Your Cost \$2.50

FROST Standard

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. Shpg. wt. 2 lbs.

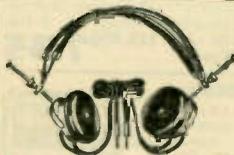
XN13932—
Per Pair, 2000 Ohms \$1.48
XN13933—
Per Pair, 3000 Ohms \$1.65

CANNON BALL Phones



A high grade, extremely sensitive pair of headphones 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.

XN13930—Your Cost \$1.25



XN13925—
Per Pair \$1.49

XN13936—Extra Caps,
Each \$0.22

TRIMM Featherweight Phones Wt. only 4 ozs.



One of the finest headsets ever designed. Despite their high quality and excellent performance they weigh only 4 ozs. Complete including the headband and the cord! Bakelite shell and cap. Forged cobalt steel magnet. Adjustable spring steel headband. Impedance 24000 ohms per pair. Shpg. wt. 1 lb.

XN13919—List \$10.00
Your Cost, \$5.95
Per Pair \$5.95

BRANDES PHONES

Scientifically made and designed for those demanding a superior article. They are full-size yet are unusually comfortable to wear. Shells are of polished aluminum. Resistance 2000 ohms. Adjustable. Web covered flexible steel head band. Complete with cord. Shpg. wt. 2 lbs.

XN13937—Extra Diaphragms,
Each \$0.08

XN13938—Extra Headband,
Each \$0.30

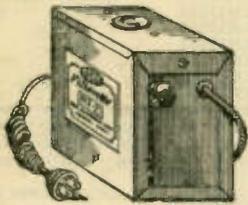
We Will Not Knowingly Be Undersold



Noise Filterettes



Line Filterette RF-2



To eliminate noise reaching the receiver through the power line. Connects between the line and the receiver. Not suitable for application to electrical appliances. We recommend the use of the Model 33 Filterizer Kit in conjunction with this unit. Shpg. wt. 3 lbs.

XL12608—List \$4.95 **\$2.90**
Your Cost

Filterette 110-PO



For suppressing radio noise caused by electric refrigerators, heating pads, fruit juice extractors,

adding machines, etc. Contained in a metal case 5 1/4 x 4 1/2 x 3 1/2". Receptacle and attachment plug fit all standard wiring outlets. Maximum potential 110 volts A. C. or D. C. Maximum current 5 amperes. Approved by Underwriters Laboratories. Shpg. wt. 13 lbs.

XL12683—List \$10.50 **\$6.18**
Your Cost

Radio Noises and Their Cure



This valuable book describes how radio interference originates, is distributed, and how to cure its interference with radio programs. **XL12695**—Shpg. wt. 1 lb.

Your Cost **\$3.50**

Inductive Capacitive Filterettes

Designed for application to motors, generators, farm lighting equipment, refrigerators, etc. Contained in metal cutout cabinets and are fused for protection against overload. Models listed below are for 110 V., A. C. or D. C. operation but can be furnished for 220 V. at higher prices.

XL12680—5 Ampere Size. 10x6 3/4 x 3 1/4". Shpg. wt. 10 lbs. List \$12.50 **\$7.15**
Your Cost

XL12681—10 Ampere Size. 13x9 3/4 x 3 1/4". Shpg. wt. 15 lbs. List \$20.00 **\$11.76**
Your Cost

XL12682—20 Ampere Size. 16x10 3/4 x 4 1/4". Shpg. wt. 45 lbs. List \$30.00 **\$17.64**
Your Cost



Filterette Senior



Especially recommended for portable electrical appliances causing a more intense interference than that suppressed by the Filterette, Jr., most satisfactory for use on grounded neutral wiring systems. In metal case 2" dia. and 4" long. It is connected between receptacle and appliance provided with binding post to connect return wire from Filterette to frame of appliance; unit may be used on A. C. or D. C. Maximum potential: 110 volts. A. C. or D. C. Maximum current: 5 amps. Shipping weight 4 lbs.

XL12600—List \$5.50 **\$3.24**
Your Cost Each

Filterette Junior



A compact Filterette for household appliances. Vacuum cleaners, small hair dryers, fans and cash registers are easily made interference free by use of a Filterette, Jr. The function of the Filterette is to prevent the distribution along wiring circuits of impulses or disturbances having frequencies within the broadcast band. In a bakelite case 1 1/2" in diameter and 2 1/2" long. Is provided with binding post for connecting return wire from Filterette to frame of appliance. Maximum potential 110 volts A. C. or D. C. Shpg. wt. 1 lb.

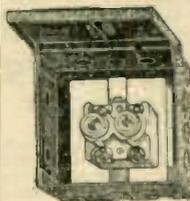
XL12601—List \$2.25 **\$1.32**
Your Cost Each

Appliance Mounting Filterette J. A.

Similar to above, but has flexible leads and mounting lugs, for permanent motor installations.

XL12694—List \$2.25 **\$1.32**
Your Cost

Capacitive Filterettes



A pure capacity type that does not use chokes. To be used with motors, generators, rectifiers and other electrical apparatus. Due to the fact that no current flows through this model it therefore has no current or wattage rating. These filters are connected across the line, that is, in parallel with the appliance. Contained in metal cutout boxes approved by the board of fire underwriters, 7x6 3/4 x 3 1/4". Has fuse block. Shpg. wt. 6 lbs.

XL12670—110 volts D. C. Model 10.

List \$10.00 **\$5.88**
Your Cost

| Stock No. | Model | Voltage | List Price | Your Cost |
|----------------|-------|--------------------|------------|-----------|
| XL12690 | 11 | 110 V. A. C. | \$10.00 | \$5.88 |
| XL12691 | 20 | 220 V. D. C. | 15.00 | 8.82 |
| XL12692 | 22 | 220 V. A. C. | 15.00 | 8.82 |
| XL12693 | 23 | 3-Ph. 220 V. A. C. | 20.00 | 11.76 |

Oil Burner Filterette OB-110

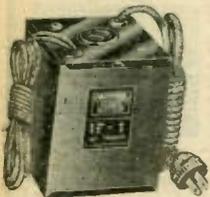
A special model for that most difficult of all interference sources, the oil burner. This model can be used on practically all makes of oil burners: Williams Oil-O-Matic, May, Electrol and others using electric ignition or it can also be used on models using a universal motor for driving the blower and atomizer. It is contained in an approved metal cutout box 7x6 3/4 x 3 1/4". Detachable clamps are provided so that it may be mounted on a pipe standard or flat against a wall. Maximum voltage 110 V., A. C. or D. C. Maximum current 4 amperes. Shpg. wt. 7 lbs.

XL12609—List \$9.50 **\$5.60**
Your Cost



FOR A COMPLETE LISTING OF TOBE FILTERETTES WRITE FOR SPECIAL CATALOG

CORNELL-DUBILIER Noise Filters



Type IF-1

Of the inductance-capacitive type. Current rating 5 amperes. For use either at source of interference or at the receiver. Cuts out line noises. Suitable for appliances drawing up to 200 watts. Size 4x4x5". Shpg. wt. 4 lbs.

XD3552—List \$5.00 **\$2.94**
Your Cost

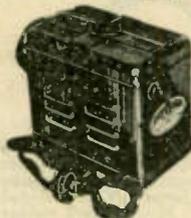


Type IF-2

Pure capacity type; no current limitations. Mounting plate for insertion under foot of any motor. Size 2x1 3/4 x 1". Has Fahnestock ground clip.

XD3554—List \$1.50 **\$1.18**
Your Cost

FILTERVOLT



Senior Model

A heavy duty model which filters out all man-made noises. For use on all types of sets, A. C. or D. C. In neat metal japanned case, 5 1/2 x 6 1/2 x 3 1/2". Complete instructions furnished. Shpg. wt. 8 lbs.

XL12618—List \$12.50 **\$7.35**
Your Cost

Popular Model



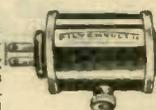
An efficient capacity type noise eliminator. Can be installed at receiver or at source of noise. Effectively eliminates noise caused by irons, toasters, vacuum cleaners, and other motors up to 1/2 H.P. Housed in sturdy metal container. Shpg. wt. 7 lbs.

XL12617—List \$4.50 **\$2.65**
Your Cost

Jr. Model

Eliminates noises caused by lights, heating pads, etc. Plugs into power outlet. Is small and compact. Shpg. wt. 2 lbs.

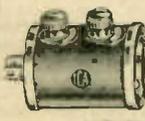
XL12616—List \$2.50 **\$1.75**
Your Cost



Dynatrol

A line filter and aerial eliminator in one unit. Filter of the capacity type. Shpg. wt. 1 lb.

XL12633—List \$1.00 **88¢**
Your Cost



Aerial Eliminators Insultenna

Replaces outdoor antennas. Not connected to light socket. Gives capacity of 75 ft. aerial. In bakelite case 5 x 5 1/2 x 1". Mounts anywhere.

XR16166—List \$1.50 **\$1.22**
Your Cost



TOBE No-Tenna

Connects instantaneously. Eliminates fire and lightning hazards. Reduces distortion. Shpg. wt. 1 lb.

XL12696—List \$1.00 **59¢**
Your Cost



DUBILIER Ducon

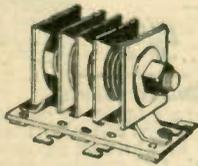
An improved type of light socket aerial. Eliminates unsightly antennas and lightning hazard. Has Edison screw base. Very compact. Shpg. wt. 1 lb.

XL12635—List \$1.00 **58¢**
Your Cost



VOLTAGE REGULATORS & RECTIFIERS

ELKON Rectifiers

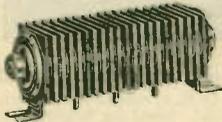


Type
XB-16

Used on the following "A" eliminators: Majestic, Mayolian, Knapp, Elkton, Philco, Webster, Metro, Fada, Bernard, General Inst., Sentinel and Briggs and Stratton. 3 amps. Shpg. wt. 4 lbs.

XA431—Your Cost \$3.73

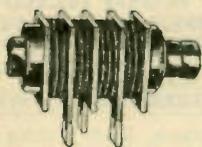
ELKON U20 Rectifiers



Used in the early model Fada and Farrand, etc., speakers. Input 20 volts A.C.; output 12 volts D.C. at 1 ampere. Shpg. wt. 4 lbs.

XA433—Your Cost \$9.50

B-L Rectifying Units



For dynamic speakers, "A" powers, signaling equipment, etc. Type B12 is for "A" eliminators such as Acme, Sterling, Arco, Stewart, France, Green-Brown, etc. Type B16 is for Green-Brown Type D, Norden-Hauk, Tobe-Deutchman, Webster, Valley type DMA, etc. Shpg. wt. 3 lbs.

**XA435—Type B-12. List \$4.50
Your Cost \$2.65**

**XA436—Type B-16. List \$5.00
Your Cost \$2.94**

I. C. A. Resistovolt

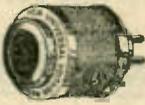
Meets an existing condition in practically all households, namely voltage fluctuation. The function of the Resistovolt is to level out the supply at all times, so as to give the most efficient operating voltage. Shpg. wt. 1 lb.



XL12605—For sets using 6 tubes or less. **XL12606**—For sets using more than 6 tubes. List \$1.75 **Your Cost, Either \$1.03**

Universal Resistovolt

Protects tubes, condensers and reduces hum by counter-acting line voltage surges. Made



by ICA. Shpg. wt. 8 oz. **XL12619**—For sets using 6 tubes or less. **XL12620**—For sets using more than six tubes. **Your Cost, Either \$6.90**

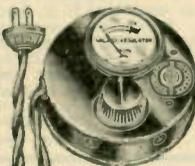
Automatic Line Voltage Control

A dependable voltage regulator. Small, neat, compact. Fits any standard outlet. For all A.C. sets up to 9 tubes. Steel clad, air-cooled. Shpg. wt. 8 ozs. List \$1.25 **XR16955—Your Cost \$3.80**



READRITE A. C. Line Voltage Regulator

Very desirable for use ahead of A.C. radio sets where line voltage fluctuates. S a v e s tubes and condensers. Has dial and rheostat by means of which voltage may be adjusted to exactly 110 volts. Baked enamel finish. Shpg. wt. 3 lbs. **KK11021—List \$7.25
Your Cost \$4.25**



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 REPLACE-MENT FOR THE FOLLOWING RE-CEIVERS:**



| Stock No. | Replacement For | Type No. |
|-----------|------------------|----------|
| XF6803 | Belmont | 2518 |
| XF6804 | Bremner-Tully | 2169 |
| XF6805 | Brunswick | 2179 |
| XF6806 | Clarion | 2408 |
| XF6807 | Grebe | 6412 |
| XF6808 | Grebe | 6420 |
| XF6809 | Grebe | 6310 |
| XF6805 | HiQ 30 | 2179 |
| XF6806 | HiQ 31 | 2408 |
| XF6807 | Kennedy | 6412 |
| XF6809 | Kyletron | 6310 |
| XF6816 | Majestic 70 | 1516 |
| XF6817 | Majestic 72 | 1508 |
| XF6818 | Majestic 80 | 1012 |
| XF6819 | Majestic 90 | 1210 |
| XF6820 | Baldwin | 2516 |
| XF6809 | Peerless | 6310 |
| XF6805 | Scott | 2179 |
| XF6807 | Silver | 2179 |
| XF6820 | Simplex | 2516 |
| XF6805 | Sonora | 2179 |
| XF6803 | Starck Piano | 2518 |
| XF6823 | Stewart Warner | 5001 |
| XF6824 | Model 900-61816 | 5002 |
| XF6825 | Model 950-62152 | 5003 |
| XF6809 | Model R100-66756 | 6310 |

List \$2.50 **Your Cost Each \$1.25**

Neon Glow Lamps

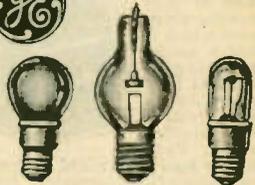


Types S14 and G10 have medium base. Type S4 1/2 has a candelabra base.

| Watts | Bulb | Current | Your Cost |
|---------|--------|-----------|------------|
| 3/4 | S4 1/2 | A.C.-D.C. | 36c |
| 1 | G10 | A.C.-only | |
| 1 | G10 | A.C.-D.C. | |
| 2 | S14 | A.C.-D.C. | |
| No. | Type | Watt | Each |
| XW12264 | S4 1/2 | 3/4 | 45c |
| XW12265 | G10 | 1 | |
| XW12266 | G10 | 1 | |
| XW12267 | S14 | 2 | |



Genuine Tungar Bulbs



The Genuine G.E. Tungar. Used in battery chargers, "A" eliminators, etc. All guaranteed perfect. Tested before shipment.

| Stock No. | Type | Your Cost |
|-----------|------------|---------------|
| XZ21900 | Trickle | \$2.72 |
| XZ21901 | 2 amp. new | |
| XZ21902 | 2 amp. old | |
| XZ21903 | 5 amp. | \$5.45 |

Tungar Type Bulbs

First quality, thoroughly reliable units for use in chargers, "A" eliminators, etc. Guaranteed new and perfect merchandise. Each bulb is individually tested before shipment and carefully packed. Shpg. wt. 1 lb.

| | | |
|---------|--------------------------------------|---------------|
| XZ21905 | 6/10 amp. bulb for Trickle Chargers. | \$1.70 |
| XZ21906 | 2 amp. bulb with tip. | \$1.85 |
| XZ21907 | 2 amp. bulb without tip. | \$1.85 |
| XZ21908 | 6 amp. bulb. | \$4.45 |

Special BH Type Rectifier Tube



Ideal for all replacement purposes. No filament voltage required. Maximum RMS voltage per anode 350 volts at 125 M.A. At this special price, every service-man should stock a few. This type of tube has been used in practically every popular make of eliminator on the market.

XZ21910—Your Cost Each, Special \$9.50



AMPERITE

Improve the Set with a Real Regulator

New Amperite Chart

| No. Tubes in Set | Use Amperite |
|------------------------------------|--------------|
| 4-5 | 5-A-5 |
| 6-7 | 7-A-5 |
| 8, 9-10 | 9-A-5 |
| 11-12 | 11-A-5 |
| And for sets using 50 type tubes. | |
| 7 to 11 tube sets (1-50) Amperite | 13-A-5 |
| 7 to 11 tube sets (2-50s) Amperite | 20-A-5 |
| 110 volt D. C. sets use Amperite | 20-A-5 |

Amperite for Special Sets

| | |
|--------------------------|---------|
| Brunswick 14; 21; 31 | 9-20 |
| Brem. Tully S-81; S-82 | 9-20 |
| Gen. Elec. H-31; H-51 | 9-V-10 |
| Hamm. Roberts Hi Q-31 | 10-10 |
| Hamm. Roberts Hi Q-30 | 11-20 |
| Kyletron K-71; K-72; 876 | 11-20 |
| Majestic 90; 91; 92 | 90 |
| Majestic 70; 71; 72 | 70 |
| Peerless 21 to 25 | 11-20 |
| Scott A. C. 10 | 12-20 |
| Star Raider | 18-10 |
| Victor R-32; 52 | 10-V-10 |

THERE IS AN AMPERITE FOR EVERY SET

Amperites

Don't just repair—improve the set. It takes less than an hour of high line voltage to overload condensers and resistances—making them noisy. Keeping the voltage constant will mean elimination of crackling noises. Better and more uniform reception. And no power pack burn outs.

Amperite is a real regulating voltage control. It is the control recommended by all leading set manufacturers, such as RCA-Victor, Zenith, Bosch, etc. Easily installed in five minutes.

New Amperite Prices

**XV19100—List \$3.00
Your Cost (specify type or set model) \$1.25**
XV19101—Socket for inserting Amperite in line. List 25c. Your Cost 15c

AMPERITES for the New 2 Volt Tubes

In the new type battery receivers, employing 2 volt tubes, it is important that the battery voltage be kept constant. Avoid burnouts, breakdowns and poor reception. The following types are available:

| | | |
|------|-----------|----|
| 6AA | 5E1 (1A1) | 30 |
| 10AB | 52 | 31 |

**XV19104—List \$3.00
Your Cost, Any Type \$1.25**

Amperite for Automobile Sets

Storage battery of car varies 5.5 to 8 volts—31%—depending upon speed of car and battery condition. Easily installed—gives uniform reception.

**XV19102—List \$3.00
Your Cost (Complete) \$1.25**

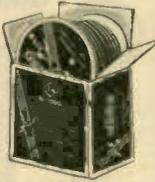
To Speed Handling of YOUR Order--Use Our Order Blank

— ANTENNAS —

Aero Aerial Wire

Many strands of very fine wire of high conductivity over which is laid a special covering of neutral buff color. An indoor aerial of unusual efficiency. This wire is used as standard equipment on many AC-DC receivers. 100 ft. spools. Shpg. wt. 8 oz.

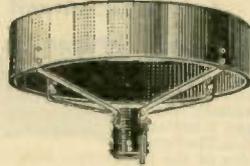
XR17167—
Your Cost Each **15¢**
Per Dozen **\$1.50**



"AMERICAN" All Directional Antenna

Equal signal strength from all directions. This antenna is particularly suitable for all-wave receivers. It consists of a pure copper drum 14" in diameter and is equipped with a collar for mounting to a wood or metal pole. This antenna is especially suitable for use in apartment houses where space is limited. The only wire necessary being the lead-in which is quickly and easily attached by means of a clip provided on the antenna. Many short wave enthusiasts install one of these aerials in addition to their regular broadcast aerials.

XR17119—All Directional Aerial List \$4.00.
Your Cost Each **95¢**
XR17118—8 ft. metal extension mast for above aerial.
Your Cost Each **95¢**



Sticktape Aerial

Adhesive tape aerial. Sticks anywhere. Highly efficient. Shpg. wt. 8 oz.

XR16164—
50 ft.
Your Cost **53¢**



Ribbon Aerial

Consists of a gold colored metallic braid woven into a strip of fabric about 3/8" wide. A neat and efficient aerial for straining above moulding or baseboard. Held in place by thumb tacks. 65 ft. to roll. Shpg. wt. 8 ozs.

XR16163—
Your Cost **29¢**

"DX" Aerials for T.R.F. Sets



Guaranteed greater volume and sharper tuning; non-directional. Fully assembled cages, ready to string up. Ideal for short roofs. 5 heavy zinc spacer rings. Length 20 ft. Contains 100 ft. enameled copper wire, 25 ft. rubber covered lead-in, soldered to aerial. Shpg. wt. 5 lbs.

XR17122—
Your Cost **\$1.35**
No. 30—Produces great volume; ideal for all sets. 5 spacer rings; length 30 ft. Contains 150 ft. enameled copper wire and has 25 ft. rubber-covered lead-in. Shpg. wt. 6 lbs.

XR17121—
Your Cost **\$1.85**

Most Powerful Antenna Made

No. 60—An exceptionally powerful aerial. 8 spacer rings; length 50 ft. Contains 250 ft. wire, 25 ft. rubber-covered lead-in. Shpg. wt. 8 lbs.

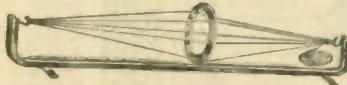
XR17120—
Your Cost Each **\$2.35**

Inside or Outside "DX" Aerial

A powerful aerial for all sets. Made of solid copper metal, fastens by means of hooks and is not visible from inside. May also be used inside in window frame back of curtain. Complete with hooks and soldered lead-in. Stretches to fit any window. 50 ft. of material. Shpg. wt. 3 lbs.

XR17127—Your Cost Each **\$1.10**

"DX" Cage Aerials for All Receivers



"DX" Window Sill Aerial

For use on outside window sill, under couch or in closet. Absolutely non-directional. Especially for use with Superheterodynes. Has 10 ft. rubber covered lead-in soldered to aerial. Length 31", height 6". Shipping weight 6 lbs.

XR17129—
Your Cost Each **\$1.10**

Window "DX" Aerial

This is a five wire cage Aerial similar to the above, with the exception that it has two 16" brackets of heavy iron to support the cage vertically outside of the window. Is especially designed for Superheterodynes, which require an aerial of large capacity in a small area. It is common knowledge that a long aerial picks up considerable interference, while a short single wire antenna tunes in the noise level; thus DX Aerial tunes sharp and clear. Is weather-proofed, and has soldered lead-in. This is a unit of the highest attainable efficiency and is particularly adaptable for use on all of the new high-gain sets. Is non-directional. Shipping weight 5 lbs. Length 5 feet. Complete with brackets and wood screws.

XR17126—
Your Cost **95¢**



"DX" Roof-Porch-Attic Aerial

Length 5 ft. Has 10 ft. of rubber covered lead-in soldered to aerial. Ideal for Super heterodyne and new "high-gain" sets. Used by many dealers as regular equipment because of low cost, easy installation and high efficiency. Fully assembled, ready to "string up." Shpg. wt. 3 lbs.

XR17124—
Your Cost **75¢**

GIANT "DX" ROOF AERIAL



Super power on distance. Ready to string up. 25 ft. soldered lead-in. Very powerful without loss of selectivity. 10 ft. cage with 150 ft. 7-strand copper wire. Shpg. wt. 5 lbs.

XR17128—
Your Cost **\$2.25**
Same as above except with 50 ft. 7-strand wire. Length 10 ft. Shpg. wt. 4 lbs.

XR17123—
Your Cost **\$1.20**

Tubular Steel Masts

Made of welded steel tubing with black baked-on enamel finish. Guy wire disc at top.

MADE IN FOUR SIZES

XR17139—Single Section.
3 ft. Shpg. wt. 2 1/4 lbs.
Your Cost Each **49¢**

XR17142—Double Section.
6 ft. 9 in. Shpg. wt. 4 lbs.
Your Cost Each **98¢**

XR17143—Triple Section.
9 ft. 4 in. Shpg. wt. 6 1/4 lbs.
Your Cost Each **\$1.47**

XR17144—Quadruple Section.
12 ft. 9 in. Shpg. wt. 8 3/4 lbs.
Your Cost Each **\$2.25**

Spring Aerial



Cramped for room? Use a spring aerial. 100 ft. of brass wire coiled into a spring that can be stretched to any length. Excellent for use with portable receivers and midget sets. Shpg. wt. 2 1/2 lbs.

XR17180—
Your Cost **34¢**

Lafayette Aerial Kits

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. Shipping weight 4 lbs. 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.

XQ16476—List \$1.50
Your Cost **73¢**



Standard Aerial Kit

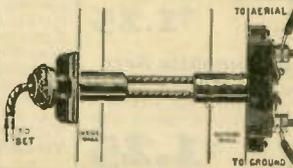
A low price kit containing all essentials for a dependable and efficient aerial system. A very good dealer item. Shipping weight 2 lbs. Contains: 90 ft. 7/25 Copper Wire, 25 ft. Lead-in, 25 ft. Ground Wire, 2 Porcelain Insulators, 1 Copper Ground Clamp, 1 Lead-in Strip, 2 Nail Knobs.

XQ16477—List 90c
Your Cost **49¢**

Economy Aerial Kit

Especially designed for Midget Sets. The lowest price kit on the market made up of first quality merchandise. Shipping weight 2 lbs. Contains: 90 ft. 7/27 Copper Wire, 25 ft. Rubber Covered Lead-in, 1 Lead-in Strip, 1 Ground Clamp, 2 Nail Knobs, 2 Porcelain Insulators.

XQ16478—List 75c
Your Cost **39¢**



Super-Thru-Lead-In Combined Radio Outlet and Aerial-Ground Fitting with Lightning Arrester.

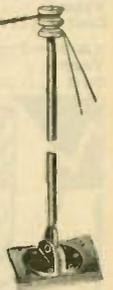
Approved by The Underwriters Laboratories. Genuine moulded Bakelite.

XR17097—List \$1.50
Your Cost **88¢**

New PREMAX Mast

Easy to use, practical in design, durable and low in price. 3/8" 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 lbs.

XR17138—
Your Cost Each **39¢**



Ground Rods



New design with clip which makes positive and permanent connection. Heavy steel yoke for driving head 3/8" drawn steel, cadmium plated. Should be used wherever a water pipe ground is not available. For receivers or transmitters. Shpg. wt. 2 lbs.

| Stock No. | Length Feet | Your Cost Each | Per Doz. |
|-----------|-------------|----------------|----------|
| XR17187 | 4 | 28c | \$2.65 |
| XR17188 | 6 | 40c | 4.50 |

WHOLESALE RADIO SERVICE CO., INC. - 100 Sixth Ave., New York

AERIAL ACCESSORIES

Lead-in Strips

Copper Core with waterproof lacquered webbing. Length 12". Has new screw type terminals which make better connections and a neater appearance than most other strips. Quickly installed.

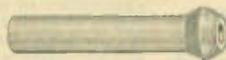
XR17100— **5c**
Your Cost Each
100 for \$4.50
As above with Fahnestock terminals.
XR17101— **4c**
Your Cost Each
100 for \$2.90

Antenna Spring



Takes up slack in aerial. Spring only.
XR16980—Your Cost Each. 7c

Porcelain Tubes

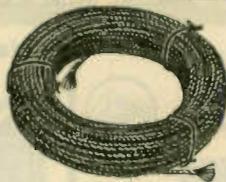


For lead-ins. 3/4" diameter.
XR16860—5" long **3c**
Each \$2.25
Per 100
XR16861—6" long **3c**
Each \$2.25
Per 100 \$2.25

Push-Clips



Envelope of 8.
XR16990—
Your Cost **10c**
36 Envs. \$2.75



Antenna Wire

We Guarantee our wire to be First Quality, Full Length and Standard Gauge as specified. It has been called to our attention that some houses are cutting short lengths and selling under size wire in order to quote a low price. Our prices are the very lowest, consistent with standard size, length and quality.

Bare Copper Wire

7/27 STRANDED
Shpg. wt., 100 ft., 1/2 lb.
XQ16112— 100 ft. coils.
Single Lots of Lots of
Lots Each 25 Each 50 Each
15c 14c 13c

7/26 STRANDED
XQ16113— 100 ft. coils.
Single Lots of Lots of
Lots Each 25 Each 50 Each
18c 16c 15c

7/24 STRANDED
XQ16114— 100 ft. coils.
Single Lots of Lots of
Lots Each 25 Each 50 Each
22c 20c 19c

7/22 STRANDED
XQ16115— 100 ft. coils.
Single Lots of Lots of
Lots Each 25 Each 50 Each
29c 28c 27c

No. 10 SOLID ENAMELED
XQ16129—
Per Ft. Per 100 Ft.
1c 75c

Enameled Copper Wire

The very best grade enamel; will not chip or crack. Guaranteed full measure and size.

7/24 STRANDED
XQ16116— 100 ft. coils.
Single Lots of Lots of
Lots Each 10 Each 25 Each
30c 29c 28c

7/22 STRANDED
XQ16117— 100 ft. coils.
Single Lots of Lots of
Lots Each 10 Each 25 Each
40c 38c 35c

No. 14 SOLID
XQ16118— 100 ft. coils.
Single Lots of Lots of
Lots Each 10 Each 25 Each
36c 35c 32c

No. 12 SOLID
XQ16119— 100 ft. coils.
Single Lots of Lots of
Lots Each 10 Each 25 Each
47c 46c 45c

Pipe Strips



A strip of pure copper with holes at short intervals so that clamp is adjustable to fit any size pipe up to 2" in diameter. Has spring clip for attaching ground wire.
XR17102— **3c**
Your Cost Each
10 for ... \$0.25 50 for ... \$1.20

Our Special Ground Clamp



A very special value. Makes a vise grip on pipe. Has sharp pointed screw that penetrates surfacing and makes perfect contact. Has screw for connecting ground wire.
XR17105— **4c**
Your Cost Each
12 for ... \$0.42 100 for ... \$3.10

Ground Clamp

Standard type. Sharp teeth bites through rust or paint on pipe. Insures good connection. For pipes up to 3/4".
XR17103— **10c**
Your Cost Each
12 for ... \$1.10

Antenna Turnbuckles



For tightening aerial guy wires. Cast brass will not rust. Shpg. wt. 1 lb.

| Stock No. | Extended Length | Take up | Your Cost |
|----------------|-----------------|---------|-----------|
| XR16715 | 3" | 3/4" | \$0.14 |
| XR16716 | 5" | 1 1/4" | .23 |
| XR16717 | 6 3/4" | 2 1/4" | .35 |

Antenna Lead-in Clip

Heavy Bronze clip to fasten lead-in to aerial.
XQ16058— **9c**
Each

AERIAL, LEAD-IN INSULATORS

LIGHTNING ARRESTORS

Nail-it Knobs



Heavy white porcelain nail knob. Leather washer under nail head prevents breaking knob when fastening. Height 1 3/4". Diameter 1 1/2".
XR16977— **2 1/2c**
Your Cost Each
50 for \$1.10 100 for \$1.95

Nail-it Knobs

Heavy rectangular knob with extra strong nail. Has leather washer under nail head to prevent breakage when fastening. Makes a neat looking job. Easy to use.
XR16978— **1 1/2c**
Your Cost Each
50 for 60c 100 for 85c

Screw-in Knobs

For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3" long.
XR16972— **2 1/2c**
Net Each
12 for 27c 100 for \$1.90
XR16973— **4c**
Net Each
12 for 42c 100 for \$2.75

Bakelite Insulated Screw Eyes

Stronger than porcelain.
XR16985— 3" long. **2 1/2c**
Your Cost Each
Per Dozen 25c
XR16986— 6" long. **4c**
Your Cost Each
Per Dozen 42c

Glass Insulators



Special tempered glass, unannealed by heat or cold or other climatic conditions. Best quality. 3" long.
XR16850— **3 1/2c**
Your Cost Each
Lots of 100 \$2.65
XR16851— Length 4". **4c**
Your Cost Each
Lots of 100 \$3.50
XR16852— Length 5". **10c**
Your Cost Each
Lots of 100, Each 9c

Porcelain Insulators

Porcelain Insulators of the better quality. Heavy and strong. 3 3/4" long. 1/4" hole.
XR16803— **4c**
Your Cost Each
Per 100 \$3.25

Brown Porcelain



Strain insulator made of heavy porcelain. 2 3/4" long. 1/2" hole.
XR16802— **2c**
Your Cost Each
Per 100 \$1.75

Screw Eyes

Useful in many ways, fastening aerial pole guy wires, etc. Length 2". Shpg. wt. per box, 1 lb.
XR16985— **1c**
Your Cost Each
100 for 90c

ICA Electrostatic



A lightning arrester and static noise reducer in one. Built on new silicate of carbide principle. Black porcelain, nicked trimmings. Shpg. wt. 1 lb.
XR16755— **58c**

I. C. A. Champion Arrester



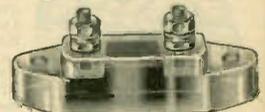
Black glazed porcelain for outdoor and indoor use. Absolutely weatherproof and non-grounding. Carbon type, positive protection. Individually tested to meet Underwriters' requirements. Shpg. wt. 2 lbs.
XR16710— **27c**
Your Cost

A Special Value!

only 7c each

Dealers especially will appreciate this item. A thoroughly reliable protector that can be retailed at a low figure without sacrificing their margin of profit. Porcelain body. Shpg. wt. per doz. 3 1/4 lbs.
XR16753— **7c**
Your Cost Ea.
12 for ... 70c 100 for ... \$6.50

BRACH Vis-O-Glow Lightning Arrester



Same high degree of protection as that used in fire and police signal service. Vis-O-Glow is entirely different than ordinary arresters. Instead of using resistance or an air-gap it makes use of a NEON TUBE. By far the most sensitive arrester made, the slightest induction is readily shunted to ground. When in operation you can see it work. Shpg. wt. 2 lbs.
XR16700— **59c**
List \$1.00
Your Cost Each

S. H. Arrester Air Gap

All bakelite, air gap type. Especially suitable for doublet type antennas, because it does not ground the aerial through a high resistance.
XR16756— **29c**
Your Cost Each

PARKSON Arrester



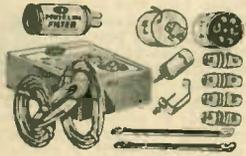
All bakelite. Non-airgap type. Approved by the Underwriters. Shpg. wt. 1 lb.
XR16705— **10c**
Your Cost Each

We Will Not Knowingly Be Undersold

Transmitting AERIALS & EQUIPMENT

TOBE All-Wave Aerial

Kits



An entirely new kit that eliminates noises from both lead-in and power line. Can be used with either "L" or "doublet" type antennas

Special antenna and receiver transformers assure accurate impedance match. Switches on receiver transformer to adjust for broadcast or short wave reception. A special ungrounded type power line filterette prevents noise from the power line reaching the set. Shpg wt. 7 lbs.

XR17157—Model 34 Kit. Includes everything necessary—aerial wire, insulators, filtered transmission line, ground clamp, ground wire, power line filter and antennas. **\$4.09**
List \$6.95. Your Cost

XR17158—Model 35 Kit. Same as above but without line filter and aerial and ground equipment. (Coupling Kit.) **\$2.90**
List \$4.95. Your Cost

JOHNSON "Q" Antennas

For 10, 20, 40, 80, 160 Meters



The ideal Amateur Transmitting Antenna Systems. Will provide 100% more radiation with the same power than the ordinary doublet antenna. Matched impedance throughout. Negligible losses in entire system. Practically zero radiation from transmission line. No exact or

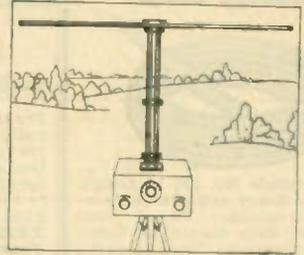
critical overall feeder lengths—line may be several thousand feet long if desired.

An accurate impedance match is obtained through the use of a (90%) quarter-wave line made of half inch aluminum tubing. Spacers of highly-vitrified glazed porcelain are equipped with adjustable clamps. Enameled copper-clad steel wire for antenna and feeders prevents stretching.

Kits include; suspension insulator assembly, copper clad steel antenna wire, two lengths of 1/2" diameter aluminum tubing, a supply of spacing bars, a template for lining up tubing and full instructions. Antenna insulators are not included—they should be chosen according to power used. Shpg. wt. 5 lbs.

XR17162—10 Meter Kit. **\$4.55**
Your Cost
XR17163—20 Meter Kit. **\$5.82**
Your Cost
XR17164—40 Meter Kit. **\$10.29**
Your Cost
XR17165—80 Meter Kit. **\$19.25**
Your Cost
XR17166—160 Meter Kit. **\$37.49**
Your Cost

JOHNSON 5 Meter "Q"



The "Q" system applied to 5 meter work provides an antenna system that is highly efficient and very compact. Can be attached directly to the transmitter or supported at a distance and connected with a transmission line. Shpg. wt. 5 lbs.

XR17167—Complete Antenna with porcelain insulation. **\$3.82**
List \$6.50. Your Cost
XR17168—As above with Mycalex insulation. **\$5.58**
List \$9.50. Your Cost
XR17169—Mounting Jack Strip. **\$1.18**
List \$2.00. Your Cost
XR17170—Lug Terminal Strip. **59c**
List \$1.00. Your Cost

Exceptional Value!

Ceramite Transposition Blocks



A standard design ceramite transmission block at an heretofore unheard of price! 2 1/4 x 2 1/4". Shpg. wt. of 10—1 lb.

XR17089—12 for 50c **5c**
Your Cost Each

Shielded Transmission Cable



A special two-wire shielded cable for use as a transmission line for Short Wave Doublet Antenna systems. Wires are transposed within the cable and are heavily rubber covered. Cable is built up to a fairly large diameter so as to provide considerable space between the wires and the shield, thereby reducing losses to a minimum.

XQ20860—Per Foot. **9c**
50 Ft. \$4.25. 100 Ft. \$7.95

1 Wire Transmission Cable

A single wire shielded cable with considerable space between wire and shield as in the above cable. 1/2" in diameter.

XQ20861—Per Foot. **7c**
50 Ft. \$3.25. 100 Ft. \$6.25

NOTE

Give your X'mitter or receiver a chance to show what it can do. Install a REAL aerial. Listed on this page are all the parts you need.

Truestest "Low Ohm" Wire

For Aerials and Transposed Lead-ins



Especially designed to have a low resistance at high frequencies. Hard enough to prevent undue stretching yet soft enough to be easily worked. The heavy grades are intended for the aerial proper and long transmission lines—the light for shorter lines. In 100 ft. coils or by the foot any length. Shpg. wt. 3 lbs.

XQ16264—Heavy Bare **75c**
Your Cost Per 100 Foot Coil
XQ16265—Heavy Enameled **1c**
Per Foot
Your Cost Per 100 Foot Coil **11.25**
XQ16266—Light Enameled **1 1/2c**
Per Foot
Your Cost Per 100 Foot Coil **35c**
Your Cost **1/2c**
Per Foot

Special Transmission Line



A lacquered wire covered with live rubber, a tanned cotton braid and a woven tinned shield. Wire tinned for easy soldering. This wire is the same type as used in many filtered aerial systems such as Tobe, Lynch, etc.

XQ16240—50 Ft. 100 Ft. 600 Ft.
Your Cost 55c \$1.05 \$4.95

All-Wave Coupler

A doublet antenna using either a twisted pair or a transposed lead-in will be correctly matched to the receiver. This coupler provides a correct match at all wave-lengths. Comes complete with instructions.

Shpg. wt. 1 lb. **59c**
XR17172—Your Cost

'Doublet' Arrester



An arrester for a doublet type of antenna must be of the air gap type and be carefully insulated from ground. This arrester is made of fine quality porcelain smoothly glazed. Shpg. wt. 1 lb.

XR16950—Your Cost **27c**
Each

Airplane Insulator



A 1 1/2" strain insulator especially designed for use where space and weight is a factor of importance.

XR17175—Your Cost **4c**
Each. Per dozen. **42c**

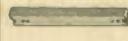
LYNCH "Giant Killer" Cable



A new type of transmission cable for use with doublet aerials. Far better than twisted lamp cord which is often used for this purpose. Heavy rubber outer covering. High voltage insulation. Shpg. wt. 50 ft. 2 lbs.

XR17177—50 ft. coil. **\$1.80**
XR17178—100 ft. coil. **3.60**
Your Cost **4c**
Per Foot

6" Feeder Spreader



For "Zipp" feeders. High insulating value.

XR17176—Your Cost **18c**
Per Dozen. **\$2.00**

Best Grade Lead-in Wire



A heavier and better grade of lead-in wire. No. 14 tinned copper covered with a layer of rubber compound and a layer of weatherproof braid. Strips clean.

XQ16203—25 Ft. 50 Ft. 100 Ft.
Single Lots 24c 45c 78c
Lots of 10 Ea. 23c 43c 75c
Lots of 25 Ea. 22c 40c 70c
Shpg. wt. lbs. 1/2 1 2

Shielded Lead-in



A fine quality shielded lead-in wire for broadcast antennas. Has a layer of cotton over which is a layer of pure live rubber and a tinned copper braid over-all. Skins easily and wire is tinned for easy soldering.

XQ16212—50 Ft. 100 Ft.
Each. 45c 88c
Shpg. wt. lbs. 1 2

Lead-in Wire

Very good quality. No. 17 copper well insulated with pure rubber.

XQ16200—25 Ft. 50 Ft. 100 Ft.
Single Lots 10c 18c 33c
Lots of 10 Each 9c 17c 31c
Shpg. wt. lbs. 1/2 1 2

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

WIRE AT

Heavy Duty Stranded Copper



Forty strands No. 29; 14 Gauge. Layer of heavy cotton under covering of live rubber. Tinned. Ideal for heavy duty filament in transmitting apparatus. Shpg. wt. 25 ft., 1 lb.

XQ16121— 2¢
Per Foot.....
25 Ft. 50 Ft. 100 Ft.
35c 65c 51.20

Extra Heavy Stranded Copper

Sixty-five strands No. 29. Tinned. Twelve gauge, insulated with pliable rubber. Would make an ideal antenna for D. X. fans. Will handle 10 amps. at 2½ volts. Shpg. wt. 25 ft. coil, 1 lb. One piece coils.

XQ16122—Per Foot 2¢
25 Ft. 50 Ft. 100 Ft.
48c 90c 51.75

Service Wire Kit



A real money saver. This assortment contains practically every type of wire useful for Radio Service. Contents total approximately 200 ft. in lengths varying from 4 to 24". Various wires are pushback R. C. hook-up shielded, twisted and parallel lamp cord, heavy A. C. leads, spaghetti, etc. Shpg. wt. 5 lbs.

XR16299— 25¢
Your Cost.....

Push Back WIRE

Stranded Push Back Wire



For those who prefer stranded to solid, we offer this old standby in black 19 gauge tinned copper hook-up wire. This type of wire is very flexible. Green or red. Specify color. Shpg. wt. for 100 ft., 2 lbs.

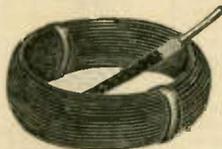
XR16321— 39¢
Your Cost 100 Ft. Coil
Your Cost 500 Ft. Spools \$1.90
Your Cost 1000 Ft. Spools 3.45

Solid Push Back Wire

This 19-gauge solid wire has the popular black push back insulation. No stripping necessary. Green or red. Specify color. Shpg. wt. 2 lbs.

XR16320— 34¢
Your Cost, 100-ft. Coil
Your Cost, 500-ft. Spool... \$1.60
Your Cost, 1000-ft. Spool... 3.10

Best Grade Push-Back Wire Double Cotton Braid



Size 19 copper wire, tinned for easy soldering. Extra heavy insulation slips back easily. Very fine quality. Colors: red or black. One piece coils.

XQ16327—25 Ft. 50 Ft. 100 Ft.
Your Cost 17c 33c 65c

Stranded Push Back

The same high quality as the above. Size 18. Stranded and tinned. Red or black. One piece coils.

XQ16330—25 Ft. 50 Ft. 100 Ft.
Your Cost 17c 33c 65c

Spaghetti

The best quality. High grade cambric tubing impregnated with transparent varnish of great insulating properties. Colors: red, yellow, green, or black. Specify color wanted. 30" lengths.

XQ15960— 7¢
Per Length.....
12 Lengths..... 73¢
Shpg. wt. 6 oz.



Bus Wire

Round, Tinned Copper, 2 ft. Lgths.

SIZE 14
XQ15965—10 Lgths. 100 Lgths.
Your Cost 12c 51.05

SIZE 12
XQ15966—10 Lgths. 100 Lgths.
Your Cost 26c 52.05
Shpg. wt., lbs. 1 8

Bell Wire

An excellent grade of bell or annunciator wire. 18 B. & S. gauge with waxed cotton covering. Shpg. wt. 1 lb.

XQ16338—½ lb. roll.
Your Cost 13¢

XQ16051—25 ft. roll.
Your Cost 6¢



Wire Stripper

Strips wire easily and cleanly. Saves time. Cutting edge of tempered steel that will retain its hardness.

XP15044— 10¢
Your Cost.....



Extra Quality!

Litz Wire

Genuine Litz wire is difficult to obtain and we are therefore particularly pleased to be able to offer this extra fine quality Litz at such unusually low prices. For chokes—I. F. coils—R. F. coils—loop aeriels—etc., no finer wire could be desired since its R. F. resistance is considerably lower than that of solid wire. Green silk covered.

XQ16152—100 ft. coil 12¢
Your Cost.....
XQ16153—1000 ft. coil \$1.05
Your Cost.....



Special Indoor Aerial Wire



A special grade of flexible wire designed for indoor aeriels. Consists of a number of fine tinned copper strands covered by

a closely woven cotton braid. Can be coiled or twisted without danger of breaking. In Red, White or Yellow. Shpg. wt. 4 lbs.

XQ16171—250 Ft. Spool 75¢
Your Cost.....

Twisted Pair For Filaments



20 gauge. 16 strands No. 29. Tinned. Rubber insulation covered with cotton braid. Color: black. Shpg. wt. 25 ft. coil, 12 oz. One piece coils.

XQ16278— 30c
Your Cost 50 Ft. 59c 100 Ft. \$1.15

Hook-Up WIRE

Hook-up Wire

Rubber insulated cotton braid. Lacquered braid which prevents the wire from fraying as easily as ordinary wire. Put up on spools of 250 ft. Shpg. wt. 5 lbs.

XR16345—Your Cost 90¢
4 Spools (Assorted Colors) \$3.15

Colored Rubber Wire



No. 18 stranded and tinned copper wire covered with colored rubber compound. Solders instantly. 25 ft. to coil. Colors black, red or green; state color wanted. Shpg. wt. per coil, 6 oz.

XQ16275—10 coils..... \$1.10
Your Cost.....
Per Coil 25 ft..... 12¢

Rubber Covered Wire

16-gauge stranded rubber covered hook-up wire. Especially made for filament wiring to carry a heavy current. Available in black, red, green and white. Specify color.

XQ16280—50 100 500
Ft. Ft. Ft.
Your Cost 30c 55c 52.65

22-Gauge Stranded



Seven strands of No. 29 wire. Cotton and rubber under waxed braid covering. Tinned. Colors: Black, Yellow, Red, Green. Shpg. wt. 25 ft. coil, 6 oz.

XQ16276—25 Ft. 50 Ft. 100 Ft.
Your Cost 14c 25c 31c

4000 V. Hook-up Wire

18-gauge hook-up wire with gutta-percha insulation that has a safety factor of 4000 volts. Shpg. wt. 50 ft., 1 lb.

XQ16136— 25 50 100 1000
Ft. Ft. Ft. Ft.
Solid..... 50.17 50.35 50.68 55.75

XQ16137—
Stranded .19 .40 .75 6.25
Colors: Black, Red and Green.



Magnet WIRE

Any size in 5 lb. quantities at special prices. [Shpg. wt. 1 lb. each]



| | | Enamel | |
|-----------|------|---------|---------|
| Stock No. | Size | 1/4 Lb. | 1/2 Lb. |
| XX20950 | 16 | \$0.15 | \$0.19 |
| XX29051 | 18 | .16 | .20 |
| XX20952 | 20 | .16 | .21 |
| XX20953 | 22 | .17 | .24 |
| XX20954 | 24 | .19 | .26 |
| XX20955 | 26 | .20 | .28 |
| XX20956 | 28 | .21 | .31 |
| XX20957 | 30 | .23 | .34 |
| XX20958 | 32 | .26 | .37 |
| XX20959 | 34 | .31 | .45 |
| XX20960 | 36 | .38 | .58 |
| XX20961 | 38 | .49 | .73 |

| | | Double Silk | | Double Cotton | | |
|-----------|------|-------------|---------|---------------|------|--------|
| Stock No. | Size | 1/4 Lb. | 1/2 Lb. | Stock No. | Size | |
| XX20962 | 18 | \$0.24 | \$0.45 | XX20973 | 16 | \$0.18 |
| XX20963 | 20 | .26 | .47 | XX20974 | 18 | .20 |
| XX20964 | 22 | .29 | .55 | XX20975 | 20 | .22 |
| XX20965 | 24 | .34 | .63 | XX20976 | 22 | .24 |
| XX20966 | 26 | .40 | .72 | XX20977 | 24 | .26 |
| XX20967 | 28 | .47 | .81 | XX20978 | 26 | .31 |
| XX20968 | 30 | .54 | .97 | XX20979 | 28 | .36 |
| XX20969 | 32 | .72 | 1.26 | XX20980 | 30 | .42 |
| XX20970 | 34 | .96 | 1.74 | XX20981 | 32 | .51 |
| XX20971 | 36 | 1.32 | 2.15 | XX20982 | 34 | .63 |
| | | | | XX20983 | 36 | .81 |

Table Showing Feet Per Pound of Above Magnet Wire

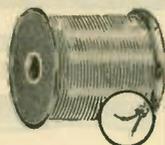
| Gauge | D.C.C. | Enam- eled | D.S.C. | Gauge | D.C.C. | Enam- eled | D.S.C. |
|-------|--------|------------|--------|-------|--------|------------|--------|
| 16 | 122 | 125 | 125 | 28 | 1630 | 2030 | 1910 |
| 18 | 192 | 202 | 199 | 30 | 2420 | 3220 | 2960 |
| 20 | 298 | 319 | 314 | 32 | 3500 | 5100 | 4570 |
| 22 | 464 | 506 | 494 | 34 | 4920 | 8080 | 6980 |
| 24 | 711 | 804 | 778 | 36 | 6660 | 12800 | 10500 |
| 26 | 1080 | 1280 | 1220 | 38 | | 20300 | 15500 |

UNBEATABLE PRICES



DOWN GOES THE PRICE OF WIRE!

Wholesale's tremendous purchasing power again makes possible astounding bargains in fine quality wire. Fresh live rubber—a wide variety of colors—silk and cotton—single, parallel and twisted pair—are all available.



New Type Parallel Lamp Cord



Due to the great demand for a wire that is abrasion proof and waterproof, this wire has been made available. It is similar in size and appearance to the regular cotton or silk covered lamp cord. The two rubber covered wires are contained in a jacket of extremely tough live rubber. The rubber is put on by a new electrolytic process which makes for a perfect seamless covering. This wire is approved by the underwriters and can be had in black, green, ivory and brown. Specify color when ordering. Shpg. wt. 3 lbs. to 100 ft.

XY20920—18 gauge. Your Cost:
Per Ft. 100 Ft. 500 Ft.
1c \$1.85 \$8.90

Twisted Pair

Silk Covered

Twisted 18 Gauge 1/4 R. C.

Colors: Maroon, Brush Brass, Old Gold, Blue, White, Brown. (Specify color.) Shpg. wt. 3 lbs. 100 ft.

XY20939—Your Cost:
Per Ft. 100 Ft. 250 Ft. 500 Ft.
2c \$1.50 \$2.25 \$3.95

Cotton Covered

Twisted 14 Gauge 1/4 R. C.

Black only.

XY20927—Your Cost:
Per Ft. 100 Ft. 250 Ft.
1 1/2c \$1.25 \$3.25

Twisted 14 Gauge 1/4 R. C.

Black with red tracer only.

XY20890—Your Cost:
Per Ft. 100 Ft. 250 Ft.
2c \$1.75 \$3.70

Single Fixture Wire

18 Gauge 1/4 R. C.

Silk Colors—Old Gold, Brass, Maroon, White with Red tracer, Black, Green.

Cotton Colors—Black, Tan, Brown, Brass, Green with tracer. (Specify color and covering desired.)

XY20916—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
50c \$1.85 \$3.50

18 Gauge 1/4 R. C.

Cotton only in Black with Red tracer.

XY20915—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
50c \$1.85 \$3.50

16 Gauge 1/4 R. C.

Silk Color—Brown with Red tracer. Cotton Color—Brown with Red tracer. (Specify silk or cotton.)

XY20917—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
65c \$2.10 \$3.85

Parallel Cord

This is the most commonly used type of wire for connecting radio receivers, lamps, etc. When ordering specify color desired.

Silk 18 Gauge 1/4 R. C.

New Code inner braid. Colors—Brown, White, Green, Old Gold, Black. (Specify color desired.)

XY20937—Your Cost:
Per Ft. 100 Ft. 500 Ft.
1 1/2c \$1.20 \$4.75

Cotton 18 Gauge 1/4 R. C.

Colors—Black, Tan. (Specify.)

XY20935—Per Ft. 100 Ft. Your Cost: 1c 85c

Cotton 18 Gauge 1/2 R. C.

Colors—Black, Yellow. (Specify.)

XY20936—Per Ft. 100 Ft. Your Cost: 1 1/2c 95c

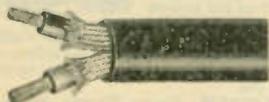
Special Value! Cotton Twisted Pair



18 Gauge, 1/4 R. C. wire with a glazed cotton covering. Two colors—white or yellow and green mixture. Specify which.

XY20902—Your Cost:
Per Ft. 100 Ft. 250 Ft.
1c \$0.95 \$1.95

Heavy Duty Cord Type S



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion-proof, high quality rubber. This flexible waterproof, oil-resisting, non-kinking cord is just the thing for hard service. Especially suitable for outdoor work, garages, portable devices; in fact, on any job where ability to stand abuse is a primary factor. Shpg. wt. 7 lbs. to 100 ft.

| Stock No. | Size | Per Ft. | Per 100 Ft. |
|-----------|-----------|---------|-------------|
| XY20945 | 18—2-wire | 4c | \$3.50 |
| XY20946 | 16—2-wire | 5c | 4.25 |
| XY20947 | 14—2-wire | 7c | 6.00 |
| XY20948 | 18—3-wire | 5c | 4.50 |

SPECIAL Wire Offer



The prices on the wire listed below are far below the market prices quoted for similar merchandise. This is due solely to the fact that our tremendous purchasing power enables us to buy the factory surplus of some of the largest of the wire manufacturers. Every spool is one continuous length of wire and is full length.

COTTON

XY20875—200 Ft. 18 1/4 Single conductor for Aerial, Ground and general use.

XY20862—150 Ft. 22 Twisted Pair. Conductor for drop cords, extensions, etc.

XY20863—100 Ft. 18 1/2 Parallel with cotton overbraid. For lamp cords, extensions, etc.

SILK

XY20864—150 Ft. 20 1/4 Parallel, for installations, etc.

XY20865—200 Ft. 18 1/4 Single. For portable work, house wiring, etc.

Your Cost
Each Coil \$85c
Assortment 6 Coils. \$4.50
Your Cost.

Armored Cable



For auto, radio, outdoor, P. A. systems and oil burner installations. Armor when grounded acts as shield. Shpg. wt. per 100 ft. 8 lbs.

Your Cost
Stock No. 1 Ft. 100 Ft.
XQ20855—1-Cond. 1 1/2c \$1.40
XQ20856—2-Cond. 2c 1.95
XQ20857—3-Cond. 2 1/2c 2.10

Auto Ignition Wire



Standard 7 mm. black lacquered braided wire for use in automobile ignition and high tension work. Shpg. wt. 4 lbs.

XY20852—100 ft. \$1.95
9 mm. wire specially designed for Neon sign use. Shpg. wt. 4 lbs.

XY20853—100 ft. \$2.25
Your Cost.

Asbestos Heater Cord



Heavy asbestos covered wire. Rayon or cotton covered—specify which is desired. Shpg. wt. 3 lbs. 100 ft.

XY20931—Your Cost:
Per Ft. 100 Ft. 500 Ft.
2c \$1.75 \$8.50

Shielded Loom



Standard Loom with a tinned braided shield on the outside. For shielding and protecting wiring in autos, etc. Will pass heavy wire. Shpg. wt. 1 lb. 10 ft.

Your Cost
Stock Diam. In. 10 Ft. 50 Ft.
XQ16146 3/8" 73c \$3.45
XQ16147 1/2" 83c 3.95
XQ16148 5/8" 93c 4.40

NOTE

We carry a tremendous stock of wire at all times and are prepared to make large quantity shipments at special prices. We can supply special wire to order.



APPROVED Fixture and Appliance Wire

ALL APPROVED wire for resale purposes is marked with a special label every 5 feet. The wire listed here has these labels and is fresh stock of the finest quality. The use of UNAPPROVED wire may mean a delay in insurance settlement in case of fire. We therefore recommend that for your own

protection you use only approved wire. This recommendation is made in keeping with WHOLESALE'S policy of telling the TRUTH about the merchandise it sells.

Parallel Silk Cord



New code insulation lamp cord. Consists of two conductors laid parallel and covered with braided silk. Has inner braid. The neatest cord for portable lamps, extension lights, etc., available in the following popular colors: White, brown, maroon, old gold, black. Specify color when ordering. Shpg. wt. 3 lbs. to 100 ft.

XY20923—Your Cost:
Per Ft. 100 Ft. 500 Ft.
1 1/2c \$1.40 \$6.50

18 Gauge 1/4 R. C.
XY20924—Your Cost:
Per Ft. 100 Ft. 500 Ft.
2c \$1.75 \$7.90

Parallel Cotton Cord



A popular number with the serviceman. For hooking up radios, extensions, etc., available in white, brown, maroon. Specify color when ordering. Shpg. wt. 3 lbs. to 100 ft.

XY20941—Your Cost:
Per Ft. 100 Ft. 500 Ft.
1 1/2c \$1.45 \$6.90

2 Conductor 18 Gauge 1/2 R. C.
XY20942—Your Cost:
Per Ft. 100 Ft. 500 Ft.
2c \$1.75 \$7.10

Single Fixture Wire

Silk or cotton. For aerial and ground as well as for general fixture use. Silks in white, old gold, maroon and brown. Cotton in white and brown only. Specify color when ordering.

18 Gauge 1/4 R. C.
XY20933—Your Cost:
Per Ft. 100 Ft. 500 Ft.
2c \$1.75 \$7.90

18 Gauge 1/2 R. C.
XY20934—Your Cost:
Per Ft. 100 Ft. 500 Ft.
2c \$1.75 \$7.90

Reinforced Cord



Used indoors for portable machines and drop cords, insulated with belt of seamless rubber and covered with smooth cotton braid, size No. 18. (Black only.) Shpg. wt. 6 lbs. to 100 ft.

Heavy Reinforced 1/2 R. C. XY20943—Your Cost:
Per Ft. 250 Ft. 500 Ft.
2 1/2c \$5.25

Light Reinforced 1/4 R. C. XY20944—Your Cost:
Per Ft. 250 Ft. 500 Ft.
2c \$4.45

Silk \$0.70 \$0.55
Cotton \$3.50 \$2.50
\$6.40 \$4.90

Silk \$0.85 \$0.72
Cotton \$4.05 \$3.40
\$7.90 \$6.60

We Will Not Knowingly Be Undersold

BELDEN RADIO PRODUCTS



BELDEN "Airman" Auto Radio Wire



Especially designed for automobile and aeroplane installations. Makes an excellent shielded lead-in wire where noise and interference is encountered.

- No. 12 (65 strands of No. 30 tinned), Cambric wrapped with heavy tinned shielding. For all heavy duty work. Shpg. wt. per 100 ft., 4 lbs.
- XQ16223—**
10 ft. **Your Cost..... 58¢**
100 ft. **Your Cost..... \$4.95**
- No. 14 (41 strands of No. 30 tinned). Similar to above. Shpg. wt. per 100 ft. 3 lbs.
- XQ16218—**
10 ft. **Your Cost..... 48¢**
100 ft. **Your Cost..... \$3.75**
- No. 16 (26 strands of No. 30 tinned). Shpg. wt. per 100 ft. 3 lbs.
- XQ16219—**
10 ft. **Your Cost..... 40¢**
100 ft. **Your Cost..... \$2.95**
- No. 18 (16 strands of No. 30 tinned). Shpg. wt. per 100 ft. 3 lbs.
- XQ16224—**
10 ft. **Your Cost..... 36¢**
100 ft. **Your Cost..... \$2.75**

BELDEN Cellunamel Magnet Wire

Something radically new developed by Belden. Consists of standard Beldenamel wire with a covering of concentrically wound cellophane. Provides high insulation. Ideal for coil winding. It's absolutely moisture proof.



| Stock No. | Gauge | 1/4 lb. | 1/2 lb. |
|-----------|-------|---------|---------|
| XQ16181 | 18 | \$0.32 | \$0.55 |
| XQ16182 | 20 | .35 | .65 |
| XQ16183 | 22 | .40 | .70 |

Filament Lead Wire



No. 14 wire (40 strands of No. 30 wire). Stranded tinned copper. Double serve of Celanese colored braid paraffined. Furnished in red or black. Shpg. wt., 100 ft., 3 lbs.

- XR16158—**25 ft. coil. **Your Cost..... 36¢**
- XR16159—**500 ft. spool. **Your Cost..... \$6.75**

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 guarantee.

- XR16750—**List 25c. **Your Cost..... 15¢**

NOTE

We can supply special Belden coil winding machines for all types of radio coils. Prices on request.

BELDEN Twisted Lead-In Wire



Especially designed for use with doublet antenna systems. Used extensively as the transmission line for Philco and other receivers. Consists of two No. 18 rubber covered conductors covered by a weather-proof cotton outer braid. Especially recommended because it is both inexpensive and efficient. Shpg. wt. 100 ft., 4 lbs.

- XQ16172—**100 ft. coil. **Your Cost..... \$1.35**
- XQ16173—**500 ft. coil. **Your Cost..... \$6.30**

BELDEN Shielded Auto Ignition Wire



7 Millimeter
This standard 7 mm. Belden shielded auto ignition cable is now being offered at the lowest prices ever quoted. Ideal for use in auto radio installations for aerial, battery, high and low tension leads. Consists of a standard 7 mm. lacquered braided wire covered by a tinned copper shield, which is closely woven. Shpg. wt., 100 ft. spool, 4 lbs.

- XQ16221—**Per Foot..... 6¢
- XQ16222—**100 ft. spool. **Your Cost, Special..... \$4.95**

Special Two Conductor Shielded Lead-in Wire



This special wire was designed exclusively for use by Kolster in their "Rejectostat" antenna system. Also used by A. K. Consists of two No. 18 stranded rubber covered conductors covered by a tightly woven copper shield with an outer covering of tough live rubber. Conductors are transposed inside the shield. Fully weather proof. Nothing finer for use as doublet antenna lead-in wire. Shpg. wt. per 100 ft., 4 lbs.

- XQ16143—**100 ft. coil. **Your Cost..... \$3.75**
- XQ16144—**500 ft. coil. **Your Cost..... \$17.50**



Beldenamel Aerial Wire

Beldenamel aerial wire has long been known as the finest wire available for permanent antenna installations. This wire, of the finest grade copper, is very heavily enameled with a permanent compound, and will stand up indefinitely under heavy strain, and the severest weather conditions. Each coil is attractively boxed, and the 1000 ft. length is wound on a heavy steel spool. Shpg. wt. per 100 ft., 4 lbs.

- XQ16232—**7x20 Beldenamel. Especially suited for short-wave aerial systems; doublet antennas. 100 ft. **Your Cost..... \$0.93**
- 1000 ft. **Your Cost..... 9.00**
- XQ16229—**7x22 Beldenamel. 75 ft. **Your Cost..... \$0.38**
- 100 ft. **Your Cost..... .50**
- 150 ft. **Your Cost..... .72**
- 1000 ft. **Your Cost..... 4.80**

Solid Beldenamel

- XQ16233—**No. 10 100 ft. **Your Cost..... \$0.90**
- 1000 ft. **Your Cost..... 8.75**
- XQ16230—**No. 12 100 ft. **Your Cost..... \$0.58**
- 1000 ft. **Your Cost..... 6.00**
- XQ16231—**No. 14 100 ft. **Your Cost..... \$0.40**

BELDEN Tinned Aerial Wire

An old standby. Very popular where good installations are wanted. 7x22. Shpg. wt. per 100 ft. 4 lbs.

- XQ16228—**100 ft. per coil. **Your Cost..... 44¢**
- 1000 ft. per spool. **Your Cost..... \$4.20**



BELDEN Push-Back Wire Solid

No. 20 solid tinned copper wire with push-back insulation. No stripping necessary. In green, blue, red, yellow or black. Specify color when ordering.

- XQ16066—**25 ft. coil. **Your Cost..... 21¢**
- XQ16067—**1000 ft. coil. **Your Cost..... \$5.40**

Stranded Push-Back Wire

Similar to the above, but with No. 20 stranded wire. Same colors as above. Specify color desired when ordering.

- XQ16068—**25 ft. coil. **Your Cost..... 23¢**
- XQ16069—**1000 ft. coil. **Your Cost..... \$6.10**



BELDEN Shielded Lead-in and Ground Wire

Effective in reducing man-made static. Stranded core with a heavy braid of fine tinned copper wire which serves as a shield. Easy-strip rubber insulation. In service the shielding is grounded.

- SIZE 14**
XQ16208—50 ft. 100 ft. 250 ft. **Your Cost..\$1.30 \$2.50 \$6.45**
- Shpg. wt. lbs. 2 4 10
- SIZE 16**
XQ16210—50 ft. 100 ft. 250 ft. **Your Cost..\$0.75 \$1.45 \$3.50**
- Shpg. wt. lbs. 2 4 9

BELDEN Indoor Aerial and Litz Wire



This specially covered wire is ideal for indoor aerials and for winding radio loops, and is easily concealed on a picture moulding or window frame. Shpg. wt. per spool, 3 lbs.

- XQ16125—**Brown Rayon 125 ft. **Your Cost..... 90¢**
- XQ16126—**Brown Cotton 60 ft. **Your Cost..... 36¢**
- XQ16127—**Brown Cotton 1000 ft. **Your Cost..... \$4.20**
- XQ16128—**100 ft. Litz Wire 20-38 stranded Beldenamel with two servings of green silk. **Your Cost, Per Spool..... 45¢**

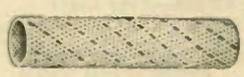


BELDEN Hook-up Wire

No. 18 Stranded Tinned Copper, insulated with 4" Belden color-rubber. 25-ft. coils available in green, blue, red, brown or yellow. Shpg. wt. 8 oz.

- XQ16290—**1000-ft. spools available in natural, brown or red. Shpg. wt. 15 lbs. **Your Cost..... 19¢**
- XQ16291—**100 ft. **Your Cost..... \$4.50** (Specify color when ordering).

BELDEN Tinned Copper Shielding



The finest copper shielding available. Fine mesh closely woven; assures perfect shielding. Shpg. wt. per 100 ft., 4 lbs.

- XQ16214—**Inside diam. 1 3/4" Per ft. **Your Cost..... 3¢**
- Per 100 ft. **Your Cost..... \$3.30**
- XQ16215—**Inside diam. 3/4" Per ft. **Your Cost..... 3¢**
- Per 100 ft. **Your Cost..... \$1.95**
- XQ16216—**Inside diam. 3/8" Per ft. **Your Cost..... 8¢**
- Per 100 ft. **Your Cost..... \$7.50**

BELDEN All-Rubber Lead-in Wire



Well known for its special rubber compound covering which strips quickly and easily. Big time saver for quick splicing.

- XQ16225—**No. 14 Seven-Strand. 50 ft. per carton. **Your Cost..\$0.50**
- 250 ft. per spool. **Your Cost.. 2.45**
- XQ16226—**No. 16 Seven-Strand. 50 ft. per carton. **Your Cost..\$0.33**
- 250 ft. per spool. **Your Cost.. 1.30**
- 500 ft. per spool. **Your Cost.. 2.40**
- XQ16227—**No. 18 Seven-Strand. 500 ft. per spool. **Your Cost..\$1.95**

BELDEN Shielded Hook-up Wire

Same wire as above but with closely woven tinned copper shielding for use with screen grid tubes. Shpg. wt. 3 lbs.

- XQ16294—**100 ft. **Your Cost..... \$1.08**

BELDEN Lead-in Strips



Tough Colorubber insulation over thin, flat strip. Clips riveted and soldered at both ends. 12" long.

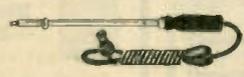
- XR17099—**100 ft. **Your Cost..... 6¢**

SOLDERING IRONS and accessories



JACKSON Electric Soldering Irons

This is a full size soldering iron. 11" in length. Black enamel handle and nickel plated metal case. Removable tip $\frac{1}{4}$ " in diameter. 50 watt iron. Shipping weight 2 lbs.
XP14850—List \$1.25
Your Cost **65¢**



Heavy Duty Irons

Extra heavy irons designed especially for industrial or shop use. Heating element and all parts are renewable. Tip removable. Metal parts nickel plated. Extra large handle. Shpg. wt. 2 lbs.



| Stock No. | Watts | List Price | Your Cost |
|-----------|-------|------------|-----------|
| XP14874 | 75 | \$2.75 | \$1.45 |
| XP14853 | 100 | 3.75 | 1.85 |

Hexacon Industrial Iron

Barrel milled from solid tool steel. Bronze core eliminates oxidation between element and core. Adjustable length.
XP14875—85 Watt, 110 Volt
Your Cost **\$4.20**



Soldering Iron Tips

We can supply tips for any iron listed at reasonable prices.

| | |
|---------------------------------|-----|
| XP15175—Tip for our No. XP14874 | 20¢ |
| XP15175—Tip for our No. XP15184 | 25¢ |
| XP15181—Tip for our No. XP15180 | 20¢ |
| XP15183—Tip for our No. XP15182 | 20¢ |

ESICO Soldering Irons

Esico Soldering Irons are amongst the finest irons made today and are preferred by professional and amateur alike. "Constant Duty" irons have replaceable elements wound with nickel chrome wire and are insulated with the finest quality mica obtainable. "Midget" and "Junior" models are wound with Grade A nichrome wire. All models have heavy steel cases and heat proof handles. Shpg. wt. 3 lbs.



MIDGET MODEL
XP14848—65 Watt, 110 Volt
Your Cost **\$1.25**

JUNIOR MODEL
XP14854—85 Watt, 110 Volt
Your Cost **\$1.88**

CONSTANT DUTY MODELS
XP15190—100 Watt, 110 Volt **\$3.75**
Your Cost
XP15191—130 Watt, 110 Volt **\$5.25**
Your Cost

ESICO "Special" Iron

A genuine Esico Iron at an exceptionally low price. This is an excellent iron for those having only occasional use for a soldering iron. Heating element is of nichrome wire. Handle is of black wood. Steel shank and brass ferrule. Consumes 55 watts. Shpg. wt. 3 lbs.
XP14849
Your Cost, Special with Extra Tip **79¢**



Trutest De Luxe Electric Soldering Irons

A new Trutest De Luxe Soldering Iron with such outstanding features as—gun-metal tube—nichrome element wound on steel core—mica insulation both on core and between element and barrel—spring cord protector—approved wire and rubber plug—fibre terminal with cord tied to terminal (not knotted or taped). Shpg. wt. 3 lbs.

XP15180—75 Watt, 110 Volt **\$1.59**
Your Cost
XP15197—Same for 220 Volt **\$1.69**
XP15182—100 Watt, 110 Volt **\$2.25**
Your Cost
XP15198—Same for 220 Volt **\$2.50**
XP15184—150 Watt, 110 Volt **\$3.45**
Your Cost
XP15199—Same for 220 Volt **\$3.75**



ALUMA WELD Solder

A new solder and flux that makes possible the successful soldering at low temperatures of Aluminum—Pot Metal—Cast Iron and all other metals. Here at last is a solder that will repair broken aluminum shields, brackets, chassis etc., and that will make a repair that is strong and clean. Kits contain special solder, flux, wire brush, illustrated instructions.

XP15200—Small Kit. Shpg. wt. 1 lb. **95¢**
Your Cost
XP15201—Medium Kit. Shpg. wt. 2 lbs. **\$1.80**
Your Cost
XP15202—Large Kit. Shpg. wt. 3 lbs. **\$4.95**
Your Cost



KESTER Rosin Core Solder

Genuine Kester core solder in 1 and 5 lb. spools. Servicemen and other large users will find it more economical to buy their solder this way.

XP14858—1 lb. spool. Shpg. wt. 2 lbs. **56¢**
Your Cost
XP14859—5 lb. spool. Shpg. wt. 6 lbs. **\$2.65**
Your Cost



MAGIC Embossing & Engraving Pencils

adjusts itself. Absolutely no danger. Embossing Pencil will emboss lettering, etc., in beautiful colors; gold, silver, blue, green, purple, copper on leather cloth, silk, paper, wood celluloid, bakelite, etc. Very simple to use. A piece of prepared foil is placed on top of the article to be lettered and the design traced on it with the pencil. When the foil is removed the lettering is left on the article.

XP15158—Engraving Pencil for 110 Volt. Shpg. wt. 2 lbs. **\$1.15**
Your Cost
XP15157—Embossing Pencil with Foil. Shpg. wt. 2 lbs **83¢**
Your Cost

KESTER Solder

18¢ Per Can

Approved by all leading radio engineers. Makes low loss joints. Each tin contains a coil of solder. Will not spatter.

XP14857 Rosin Core **XP14878 Acid Core**
Per tin. Shpg. wt. 8 oz. **List \$0.25** **Your Cost** **15¢**
Display carton of 10 tins. Shpg. wt. 3 lbs. List \$2.50 **Your Cost** **\$1.45**

KESTER Aluminum Solder

At last Kester has brought out a good, flux filled aluminum solder. Packed in home sized containers, with cleaning material and full instructions included for light or heavy repair work. This is an indispensable article for garages, repair shops in all lines, and the home. Will mend anything made of aluminum. Shpg. wt. 2 lbs.
XP14876—Your Cost **18¢**
Carton of Ten **\$1.65**

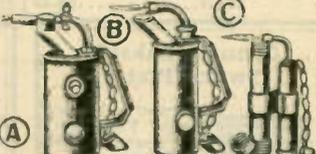


LENK Torches (Automatic)

These alcohol torches are a big favorite with the radio man because of their neatness, efficiency and ease of operation. Made of brass nickel plated, highly polished. Entirely automatic.

Type A: Double burner, one for needle point flame, add the attachment for heavy flame. Pressure release valve eliminates sputtering, evaporation and leaks. Cleaning pin in handle. Size 7x4 $\frac{1}{2}$ x3". Shpg. wt. 4 lbs.
XP14866—List \$5.00 **\$2.94**
Your Cost

Type B: Almost as large as type A, holds enough fuel to burn 3 hours with one filling. Starts in 20 seconds. Ideal for heating soldering iron where no current is available. Size 7x3 $\frac{1}{4}$ x2". Shpg. wt. 3 lbs.
XP14867—Your Cost **\$1.90**



Type C: A very handy little torch for the tool box. Solid base makes it mechanically leak proof. Screw cap makes loading easy. Nozzle cap prevents evaporation. Copper heat conductor generates quickly. Size 6 $\frac{1}{2}$ x2 $\frac{3}{8}$ x1 $\frac{1}{4}$ ". Shpg. wt. 2 lbs.
XP14868—List \$1.50 **95¢**
Your Cost

Type D: (not illustrated) Same in appearance as Type C; smaller in size. Very suitable for those who have only occasional use for a torch. Size 5 $\frac{1}{4}$ x2 $\frac{3}{8}$ x1". Shpg. wt. 2 lbs.
XP14869—Your Cost Each **75¢**



Seal Quick-Seal Cement

Apply to all your electric plugs or wherever wire connections are made. Wire cannot short or pull out.
XP14711—Your Cost **12¢**
Carton of 28 Tubes **\$2.75**

Solderall

An amazing preparation which solders all metals, except aluminum.
XP14860—Single tubes. Your Cost **9¢**
XP14861—Display box of 24 tubes. Shpg. wt. 4 lbs. **Your Cost** **\$2.60**



PEERLESS Flux

A non-corrosive flux for quick-soldering. Can contains 2 ozs. Shpg. wt. 8 ozs.
XP14862—Your Cost **12¢**
XP14863—One dozen cans. Shpg. wt. 3 lbs. **Your Cost** **\$1.30**

ELECTRICAL APPLIANCES

Outlet Box Receptacles



Finest receptacles made. The wide awake serviceman will find many customers willing to pay for replacing their single with dual receptacles. Fit standard outlet box. Comes in two types single and dual. Underwriters approved type. Compact and very easy to wire. Shpg. wt. 1 lb. **XM13328**—Single

Your Cost Each **9^c**
XM13329—Dual **10^c**
 Your Cost

Welds All

Mends china, glass, marble, tile, wood, leather. Solders aluminum, iron, lead, tin, etc. **XP14910**—List 25c



Your Cost **15^c**
 Box of 12. Shpg. wt. 4 lbs. Your Cost \$1.65

BURGESS Flashlight

A new large focusing two-cell flashlight at an exceptionally low price. Throws a 400 ft. beam. Brass case nickel plated. Sliding switch and flat lens. Complete with 2 cells. Shpg. wt. 3 lbs. **XP15048**—Your Cost **34^c**

Uni-Cells
XV18200—No. 1 Small Size
XV18201—No. 2 Large
 Your Cost Each **6 1/2^c**

Emergency Light

Plugs into any receptacle. Works on 110 volts A. C. or D. C. Gives soft, mellow light of about 2 candle power. Made of porcelain, pastel ivory color. Comes complete with bulb. Shpg. wt. 8 oz. **XM13228**—Your Cost Ea. **25^c**
 Extra Bulbs Each 10c



Fixture Connectors

Does away with soldering and blow torch. To connect wires for lighting fixtures, motor leads up to 4 H. P., etc. Only one screw. Packed 100 to box. Shpg. wt. 2 lbs. **XM13224**—Box of 100 \$3.25
 Your Cost Each **4^c**

Pin Type Extension Socket

Edison screw base receptacle and pin type connector. For use in any standard socket. **XM13225**—**10^c**
 Each
 25 for \$2.25



Nichrome Wire

For General Repairs



Three standard sizes furnished on one spool, to take care of all repair work. 10 ft. of coiled, 100 ft. uncoiled, 50 ft. ribbon. Shpg. wt. 3 lbs. **XM13226**—**\$3.45**
 Your Cost Each

Brass Sockets

Key



Brush brass finished black composition key. Standard 3/4" threaded cap. Threaded for shade holder. **XM13324**—**Each 18^c**
 Carton of 25 \$3.95

Pull Chain



Brush brass finish with Pull Chain. Positive rugged switch mechanism. Standard 3/4" cap. Threaded for shade holder. **XM13322**—**Your Cost 22^c**
 Each
 Carton of 25 \$4.95

SIGNAL Bells and Buzzers—Senior



Adjustable silver contacts and heavier construction than the average. Battery or transformer operation. Shpg. wt. 3 lbs. **XM13242**—Bell 2 1/2" gong **45^c**
XM13243—Buzzer **39^c**
 Your Cost Each

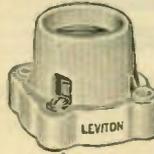
Adjustable Candle Socket

For use with imitation cardboard candles. Height of socket is adjustable to fit size of candle used. Threaded to fit standard 3/4" pipe. **XM13323**—**Your Cost 7^c**
 Each
 Carton of 25 \$1.60



Porcelain Flat Base Socket

Particularly suitable for use in temporary installations where socket is protected from an accidental contact. Shpg. wt. 1 lb. **XM13327**—Your Cost Each **9^c**
 Per 25 \$2.00



Porcelain Pull Chain Socket



Suitable for use in bathrooms, kitchens, cellars, etc. Semi-weatherproof. Will fit round or hexagon box covers of the 3, 3 1/2 or 4" type. The positive switch action and the overall ruggedness of this item makes it able to withstand a great deal of use. Excellent part for emergency replacement purposes. Shpg. wt. 1 lb. **XM13332**—Your Cost Each **25^c**
 Per 10 \$2.25

Canopy Switch

Push-pull switch. Very compact. Positive, fool-proof mechanism. **XM13339**—**Your Cost 12^c**
 Each
 Per 25 \$2.75



Universal Canopy Switch

A pendant pull chain type switch to mount on canopy of ceiling fixtures. A very economical way of providing separate switches for each fixture. Comes complete with tassel and cord which can be cut at any length desired. Positive rugged action. Is well made and will stand a great deal of use. Shpg. wt. 1 lb. **XM13338**—**Each 55^c**
 Carton of 10 \$4.75



Rotary Canopy Switch

Very compact, will fit into very shallow canopies. Rotary action with metal knob. Wire leads. **XM13342**—**Each 10^c**
 Per 25 \$2.25



Luminous Pendant

Helps you find pull chains in the dark. **XM13220**—**Each 19^c**
 Each
 25 for \$4.25

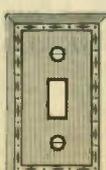


Luminous Button

Easily attached to any wall switch. **XM13219**—**Your Cost Each 19^c**
 Each
 25 for \$4.25



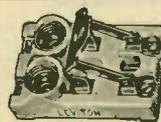
Genuine Bakelite Switch Plates



Attractive brown finish. For single and double toggle switches. Shpg. wt. 8 ozs. **XM13340**—**Single 8^c**
 Each
XM13341—**Dual 17^c**
 Each

Receptacle Plates

Brown bakelite. Similar to above. For single and double receptacles. Will not warp or tarnish. Shpg. wt. 8 oz. **XM13333**—**Single 9^c**
XM13334—**Dual**
 Your Cost, Any Type.



Two Wire Fuse Blocks With Switch

Two fuses with double pole switch. Genuine porcelain and pure copper construction. Shpg. wt. 2 1/2 lbs. **XM13210**—**Each 55^c**

Two Wire Fuse Blocks Without Switch

Protects both leads. Rugged construction. Underwriters' approved type. Shpg. wt. 1 1/2 lbs. **XM13211**—**Your Cost Each 20^c**

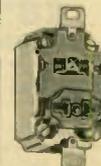
Insulated Staples

For holding inside lead-in and ground wires in place. **XP15950**—**Per 100 10^c**
 Your Cost
 Per 1000 98c



Combination Outlet Box Receptacle and "On-Off" Switch

Consists of a 10 ampere, 125 volt "on-off" switch and a bakelite plug receptacle mounted in a fine porcelain base that fits any standard outlet box. Heavy duty brass contacts. Ideal for use with irons, fans, electrical appliances. **XM13223**—Your Cost Ea. **39^c**
 10 for \$3.50



highest quality - lowest prices!

WIRING DEVICES

Bakelite Baseboard Outlet

 This handy device enables you to quickly install an outlet in any part of the house. Made of brown bakelite with center mounting wood screw. Shpg. wt. 8 oz.
XM13312—
Your Cost Each 10¢

Bakelite Surface Switch

 Bakelite cover will not tarnish and provides perfect insulation.
XM13315—
Your Cost 19¢
Carton of 10 \$1.75

Soft Rubber Socket

 Weatherproof. Unbreakable. 6" No. 14 wire leads. An excellent socket for portable use around the garage, etc.
XM13321—
Your Cost Each 13¢
Carton of 20 \$2.25

Miniature Receptacle

 Porcelain, miniature base.
XM13330—
Your Cost Each 8¢
XM13331— Candelabra base.
Your Cost Each 9¢

Feed-Thru Switch

 Bakelite. Very unbreakable.
XM13275—
Your Cost Each 17¢
Carton of 10 \$1.60

Bell Ringing DEVICES

Midget Push Button

 Bakelite. Only 1 1/4" dia.
XM13297—
Your Cost Each 12¢
Carton of 20 \$2.25
XM13238— Brass 1 1/4" dia.
Your Cost Each 9¢
Carton of 20 \$1.69
XM13237— Brass 2 1/4" dia.
Your Cost Each 10¢
Carton of 20 \$1.80

Single Name Plate

 Bakelite. Size 2 1/4 x 3 3/4".
XM13300—
Your Cost Each 15¢
Carton of 12 \$1.65
XM13235— Brass.
Your Cost Each 12¢
Carton of 12 \$1.25

Dual Name Plate

 Bakelite. 2 1/4 x 3 3/4".
XM13299—
Your Cost Each 38¢
Carton of 10 \$3.50
XM13236— Brass.
Your Cost Each 24¢
Carton of 10 \$2.25

Bell Ringing Transformer

 Primary 110 V. A. C. Secondary 6-8 V. Wire leads on primary, posts on secondary.
XM13245—
Your Cost Each 48¢

Pendant Switch

 For controlling ceiling light. Has outlet at bottom for appliances.
XM13284—
Your Cost Each 38¢
Carton of 10 \$3.50

REPLACEMENT ELEMENTS

Fitsall Flatiron Element

 Iron replacements. Will fit over 90% of the irons on the market, including G. E. Hot Point, Sunbeam, etc. Shpg. wt. 1 lb.
XM13270—
Your Cost Each 25¢
Carton of 10 \$2.25

Electric Heater Elements

 Best grade Resistance wire with standard base to fit all heaters.
XM13304— Cone Shape.
Your Cost Each 22¢
Carton of 10 \$2.10
XM13305— Straight Type.
Your Cost Each 29¢
Carton of 10 \$2.70

Trio Plug

 Bakelite. Three outlets from 1 plug.
XM13282—
Your Cost Each 6¢
Per Dozen 65¢
Carton of 25 \$1.25

Midget Cord Connector

 Flat black connector with flat blades.
XM13276—
Your Cost Each 16¢
Carton of 10 \$1.42

Nickel Chrome Element

 600 watt spiral wound element. Exact size, no cutting necessary. Two diameters.
XM13317—
Your Cost Each 10¢
XM13318— 7/8" dia.
Your Cost Each 10¢

Cigar Lighter Unit

 Replaces burned out elements. Converts regular sockets into lighters.
XM13286—
Your Cost Each 12¢
Carton of 10 \$1.10

Toaster Element

 Can be adjusted to fit many types of toasters.
XM13320—
Your Cost 75¢
Carton of 10 \$6.50

Pearl Push Button

 Attractive push button for general use.
XM12830—
Your Cost Each 18¢
Dozen \$2.00

ATTACHMENT PLUGS

Spring Action Caps

 Tight gripping prongs, bakelite.
XM13008—
Dozen 40¢
Your Cost Each 4¢

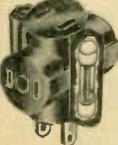
BAKELITE CAPS

XM13306— Ordinary prongs
Your Cost Each 3¢
Per Dozen 28¢

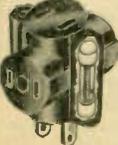
Bakelite Plug

 With handle prevents pulling out wires.
XM13281—
Your Cost Each 4¢
Carton of 25 90¢

Fused Triple Outlet Plug

 Protects appliances, etc. Prevents main fuses from blowing. Shpg. wt. 1 lb.
XM13249—
Your Cost Each 20¢

Fused Cord Plug

 Attached directly to cord.
XM13229—
Your Cost Each 16¢
XM13246— Box of 4 fuses.
Your Cost 10¢

Soft Rubber Handle Plug

 Handle plug made of soft rubber. Cannot crack or break. Best type to use for portable tools, vacuum cleaners, etc.
XM13301—
Your Cost Each 5¢
Carton of 10 40¢

Bakelite Heater Plug

 Small and of exceedingly attractive appearance. Made of genuine brown bakelite.
XM13290—
Your Cost Each 9¢
Carton of 10 80¢

Armored Heater Plug

 Cold moulded black composition. Heavy nickel-plated steel sleeve protects plug from breakage.
XM13291—
Your Cost Each 10¢
Carton of 10 85¢

Switch Plug

 Bakelite plug with built in switch and Kool Pull spring. Especially made for flat irons.
XM13314—
Your Cost Each 21¢
Carton of 10 \$1.95

Socket ATTACHMENTS

Socket Extension

 Makes it possible to use Twin Lite sockets and taps under shades.
XM13267—
Your Cost Each 8¢
Carton of 25 \$1.75

Twin Lite Socket

 Genuine brown Bakelite. One piece construction.
XM13279—
Your Cost Each 12¢
Carton of 10 \$1.00

Bakelite Angle Socket

 Permits bulb to hang straight. Shade holder can be used.
XM13269—
Your Cost Each 12¢
Carton of 10 \$1.00

Pull Chain Angle Socket

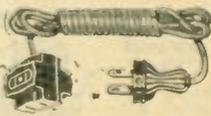
 Same as above except that straight socket has pull chain.
XM13268—
Your Cost Each 26¢
Carton of 10 \$2.20

Current Tap

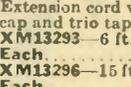
 Straight socket combined with two cap outlets.
XM13278—
Your Cost Each 12¢
Carton of 10 \$1.00

CORD SETS

Trio Tap Extension Cord

 Extension cord with bakelite handle cap and trio tap.
XM13293— 6 ft.
Your Cost Each 27¢
XM13296— 15 ft.
Your Cost Each 39¢

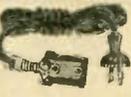
Trio Tap

 Tap only, same as used on above cord.
XM13283— Each 10¢
Carton of 25 \$2.00

Heater Cord Set

 Bakelite Plug and Cap. 6 foot Rayon covered heater cord.
XM13325—
Your Cost Each 19¢

Armored Cord Set

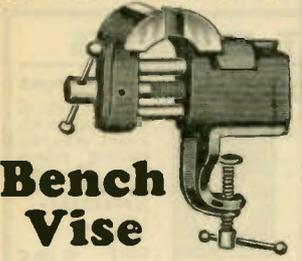
 Same as above but with armored heater plug.
XM13326— Each 25¢

Switch Plug Set

 Heater cord set using the handle cap and Kool Pull Switch Plug as listed elsewhere on this page. The finest heater cord set made.
XM13316— Cost Each 33¢

Replacement Part Headquarters for Dealers and Service Men

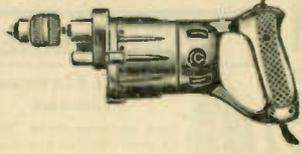
QUALITY TOOLS and-



Bench Vice

A very serviceable vise for the Radio man. Good steel, carefully machined. Finished in red enamel with highly polished jaws and handle. Accurately cut spindle thread. Will clamp to board or bench up to 2 ins. thick. Has anvil behind jaw. Made in two sizes. **XP14727**—Jaws, 2 1/2" wide. Shipping weight 7 lbs. List \$2.00. **Your Cost..... 92¢**

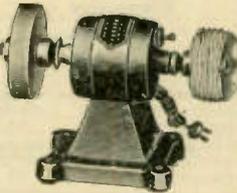
XP14728—Jaws, 3 1/2" wide. Shpg. wt. 10 lbs. List \$3.00. **Your Cost \$1.45**



G. M. Co. Electric Hand Drill

A sturdy 1/2-in. hand drill with GENERAL ELECTRIC A. C.-D. C. MOTOR and BALL THRUST BEARING in spindle. Special anti-friction bearing on armature shaft. Genuine Almond 3-jaw geared chuck. Has toggle switch on top of pistol grip, easily operated with thumb. Complete with 9 feet of heavy rubber-covered cable and plug. This tool will stand the "gaff" of heavy use and should not be confused with cheap, light hand drills. Shpg. wt. 10 lbs. **XP14726**—List, \$25.00. **Your Cost, Each..... \$14.85**

Motor-Driven Buffer and Grinder



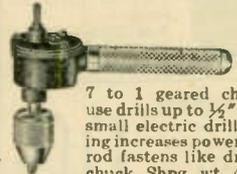
Not a toy, but a real electric motor driven buffer and grinder for the workshop with a pulley on each end of motor shaft for driving other apparatus. High speed 1/50 h. p. motor, revolves 5000 R. P. M. On and off toggle switch on end of motor. Does work in a few minutes that otherwise would take several 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. **XP14872**—List \$12.00. **Your Cost..... \$6.95**

Motor Arbors

Arbors fit directly on to shaft of any small motor in place of pulley. Equipped with flange and locking nut to hold grinding wheels, saws, etc. Has 1/8" chuck, with three hardened jaws. Shpg. wt. 2 lbs.

| Stock No. | Unit No. | Motor Bore | Your Cost |
|-----------|----------|------------|------------|
| XP15095 | 495 | 1/8" | 52c |
| XP15096 | 490 | 3/8" | 60¢ |
| XP15097 | 490-A | 1/2" | |
| XP15098 | 490-B | 3/8" | |

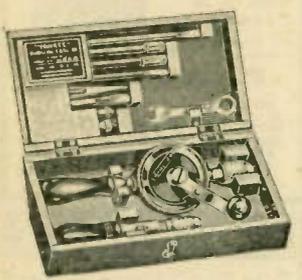
G. M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to 1/2" in your small electric drill. Gearing increases power. Drive rod fastens like drill into chuck. Shpg. wt. 4 lbs.

XP14698—List \$12.00. **Your Cost..... \$4.25**

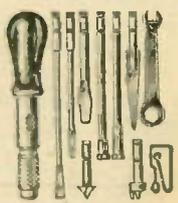
Yankee Radio Tool Set No. 106



In Handsome Wood Box This combined Tool Set No. 105 and Radio Drill No. 1431 is especially designed for radio work. A beautifully balanced drill, with 4 to 1 gear ratio. Special Radio Chuck 1/2" capacity, length 9 1/2". With this combination tool set, of the ratchet screw driver and blades, with the Radio Drill, all radio mechanical work can be taken care of. The handsome mahogany finished tool chest has compartments for each tool. Packed one in cardboard box. Shpg. wt. 5 lbs. **XP15025**—List \$12.00. **Your Cost..... \$7.45**

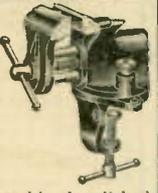
Yankee Radio Tool Set No. 105

Set contains 1 No. 230 Ratchet Screw Driver (6 1/2" overall) right and left hand and rigid. Blades 1 1/2 x 3/16" for long reach, between wires, etc. Blades 3 1/2 x 1/8" for small screws on dials. Blades 2 1/2 x 1/4" for heavy screws, aerial work, etc. Counter-sink, for counter-sinking heads of screws. Sockets (two) 1/4" and 3/16" hex with 4" shank. Cover all small nuts. Reamer for enlarging holes in panel, 1/8" to 1/2". Wrench, one end 3/16" for square or hex., the other 3/16" hex. for jacks, etc. Wire Bender for making loops and bending wire. It takes care of all screws; reams and counter-sinks; runs up nuts, bends and loops wire, and has wrench for jacks and 3/16" hex. or square nuts. A touch on shifter gives right and left ratchet and rigid. Packed one set in box. Shpg. wt. 1 lb. **XP15026**—List \$5.00. **Your Cost for Complete Set..... \$2.95**

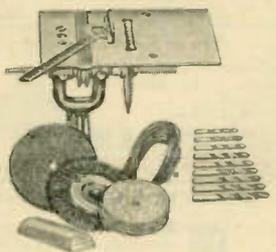


Swivel Vice

Different swivel positions are easily obtained by the action of a spring plunger. Gray Iron, fine grain. Jaws are accurately machined, polished and lacquered. Screw parts nickel-plated. Jaws open 2 1/4", and have double steel guide rods. Fitted with adjustable clamp. Base finished in Black Japan, and body with Red Baked Enamel. Width of jaws 2 1/2". Shpg. wt. 7 lbs. **XP15135**—List \$2.00. **Your Cost..... \$1.25**



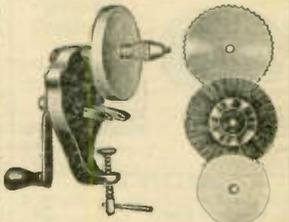
17 Piece Polishing Head Outfit



XP14746—List \$6.50. **Your Cost Complete..... \$3.25**

Set consists of a polishing head with 3 jaw chuck holding drills up to 3/8", 4" circular saw, saw table complete with guide, size 8x8", 5 ft. of round belt, buffing compound, 4" wire brush, 3" cotton buffer, 3/2" x 4" grinding wheel and set of 9 twist drills, size 1/16" to 3/16". Polishing head has two speed pulleys. An ideal small outfit for home shop or garage. No one who works with tools should be without this set. Shpg. wt. 8 lbs.

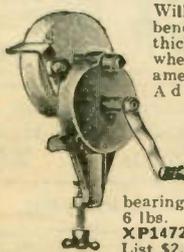
Combination Bench Outfit



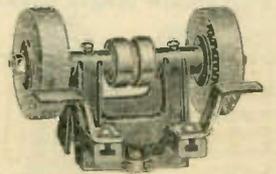
A complete clamp-to-bench outfit with a 10 to 1 gear ratio consisting of a 4" grinding wheel, steel chuck for twist drills up to 1/2", 4" circular saw, 4" buffing wheel and wire brush. Vise handle bench clamp fits tables up to 1 1/2" thick. Adjustable guide. Two-inch spindle bearing with oil fitting. Body finished in red enamel. Shpg. wt. 8 lbs. **XP14744**—List \$4.00. **Your Cost..... \$2.15**

Bench Grinder

Will fit any bench up to 1 1/2" thick. Grinding wheel 4" in diameter, 1" wide. Adjustable grinding guide. Dirt-proof gear case and extra long bearings. Shpg. wt. 6 lbs. **XP14729**—List \$2.00. **Your Cost..... 95¢**



Double Bench Grinder



Red enamel finished frame with 3 mounting holes. 1 1/2" bearings. Spring cover oil cups. 1/2" shaft, 8 1/2" long. 4" wheels, 1" wide. For round or flat belts. Shpg. wt. 10 lbs. **XP14738**—List \$5.00. **Your Cost..... \$2.69**

Radio Tool Set



Contains ten practical tools for radio servicing—3" screwdriver, 5" screwdriver, scriber, reamer, countersink, pliers, center-punch, socket wrench set for hex and knurled nuts, and 3 wrenches for hex nuts. Shpg. wt. 2 lbs. **XP14908**—List \$4.00. **Your Cost..... \$2.25**

Circular Saws

| Stock No. | Dia. | Shp. Wt. | Your Cost |
|-----------|------|----------|-----------|
| XP15216 | 4" | 1 lb. | \$0.69 |
| XP15217 | 6" | 1 lb. | .79 |
| XP15218 | 8" | 2 lbs. | 1.10 |

HARDWARE for EVERY PURPOSE



Metal File Handle



Japanned. Will fit all sizes of files. Will take any type of tool with a shank less than 3/4". Set screw holds tools rigid. Shpg. wt. 1 lb. **XP15042—Your Cost Each..... 10c**

Wood File Handles



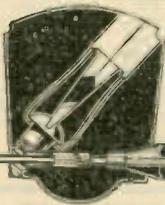
Polished hardwood, fitted with a brass ferrule. Shpg. wt. 1 lb. **XP15043—Your Cost Each..... 5c**

Calliper Rule



Measures inside and outside diameters up to 3 inches, calibrated in 1/4 and 1/8 part of an inch. Has knurled locknut. Shipping weight 8 oz. **XP14891—Your Cost..... 10c**

Holds, Starts, Sets any Size Screw

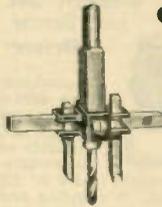


Tool Steel Blade Long Maple Handle

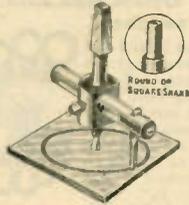
The most practical Screw Driver ever developed. Has gripper which automatically stays at any point on shank. May be used as screw gripping screw driver to drive screws in difficult places or as ordinary screw driver. Specially tempered blade, of tool steel, is of the slender type. Hard maple handle. Shpg. wt. 1 lb. **Your Cost**

| | | |
|----------------|--------------|------------------|
| Stock No. | Blade Length | Your Cost |
| XP15114 | 1 1/4" | 50.27 |
| XP14721 | 4 x 3/8" | .35 |
| XP14722 | 10 x 3/8" | .43 |

Circle Cutters



No. 1



No. 5

Cut holes easily and quickly in metal, wood, bakelite, hard rubber, etc. Nos. 1 and 2 cut holes from 1 to 4" in diameter. No. 5 cuts holes from 1 to 5" in diameter. No. 1 cutter has an extra beading cutter attached. No. 5 cutter available with square or round shank. State type desired on order.

XP14717—No. 1. XP14734—No. 5. XP14718—No. 2. \$1.15
Your Cost, \$1.90
XP14716—Extra Blades. Your Cost..... 24c
 Shpg. wt. of Cutters 2 lbs. Shpg. wt. of Blades 1 lb.

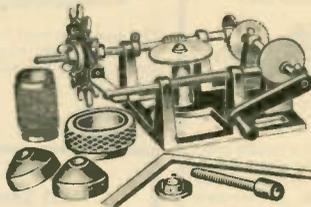
Cold Chisel and Punch Set



1 1/2", 1 3/4" chisels, 3 punches. Shipping weight 2 lbs. **XP15125..... 35c**

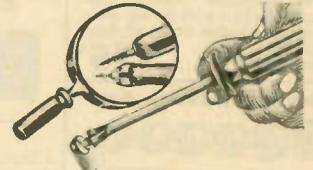
XP15179—3/4" chisel only. Shipping weight 2 lbs. Each..... 10c

Universal Coil Winder



Will wind Honey Comb, Spiderweb, or Solenoid coils of various widths and diameters. 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. 6 lbs. **XP14725—List \$7.50 Your Cost Each..... \$4.35**

Screw Holding Screw Driver



For use in inaccessible places where the ordinary screw driver cannot be used effectively in inserting or extracting screws. Made of tempered tool steel. Some of its advantages are: It holds screw tight while using; prevents loss of screw; indispensable in assembling and is the only screw driver having the automatic release. Handle is insulated. Grippers are of blue spring steel. Shpg. wt. 2 lbs. **Your Cost**

| | | |
|----------------|--------------|------------------|
| Stock No. | Blade Length | Your Cost |
| XP15061 | 8" long | 50.65 |
| XP15062 | 10" long | .85 |

Quality Screw Drivers at BARGAIN PRICES!

Service Screw Driver



A low priced and very popular Screw Driver, with polished blade and attractively finished red handle fastened with bead lock. Blade of forged steel. Shpg. wt. 1 lb. **XP15056—Blade 3" XP15055—Blade 5" Either Type..... 10c**

Shockless Screw Driver



A popular priced insulated handle Screw Driver for electrical, household and automotive work. Handle and Ferrule are moulded in one piece of Black and Red Composition. Blade is nickel plated and has straight side point. 6" long. Shpg. wt. 1 lb. **XP15060—Your Cost..... 12c**
 Per Dozen..... \$1.20

GOODELL-PRATT Radio Screw Driver



Long slender blade especially suitable for radio work. Small end so as to fit set screws in radio knobs. Hammer forged blade, nickel ferrule. Hardwood handle. 3" blade. Shpg. wt. 8 ozs. **XP14949—Your Cost Each..... 25c**

Electrician's Screw Driver



Simply constructed, but strong and durable. This is an exceptionally good screw driver for the price quoted. Slender polished blade with forged point, hardened and tempered. Nickel plated ferrule; Electrician's style handle; length of blade 6". Shpg. wt. 1 lb. **XP15059—Your Cost Each..... 12c**
 Per Dozen..... \$1.25

3 in 1 Screw Driver



Nesting type. Smallest nests in handle of next largest and the two together in the largest. Steel blades with brass handles. 4 1/4" long. Shpg. wt. 1 lb. **XP15220—Your Cost..... 10c**

Insulated Screw Driver



Insulated shaft and handle. **XP15225—4 1/2" Each..... 16c**
XP15226—6 1/2" Each..... 24c
XP15227—8 1/2" Each..... 28c
XP15228—Set of 3 Your Cost..... 60c

Ratchet Screw Driver



Tool steel blade. Nickel plated ferrule, hardwood handle. Has 3 position ratchet adjustment that allows operation to right or left or holds blade rigid. Shpg. wt. 1 lb. **Your Cost**

| | | |
|----------------|--------------|------------------|
| Stock No. | Blade Length | Your Cost |
| XP14969 | 3" | 19c |
| XP14950 | 4" | 21c |
| XP14970 | 5" | 23c |

Pocket Ratchet Screw Driver



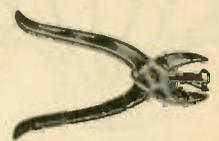
A handy pocket size ratchet screw driver with clip. Insulated case in handle. 6" long. Shpg. wt. 1 lb. **XP15233—Your Cost..... 25c**

GOODELL-PRATT Right Angle Ratchet Screw Driver



Enclosed ratchet mechanism. Removable bit 1/2" wide, 1 1/2" long. Tool is 4" long. Shpg. wt. 1 lb. **XP15232—Your Cost..... 75c**

Rivet-O-Punch



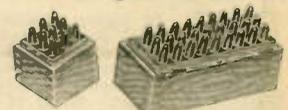
Punches holes—fastens rivets, in leather, fibre, paper or canvas. Can be used to make solderless lugs, etc. Complete with box of brass eyelets. Shpg. wt. 1 lb. **XP15046—List \$2.00 Your Cost..... 59c**

Platinum Point File



This is a special fine cut file designed for special plugs or coils. Shpg. wt. 1 lb. **XP15073—Your Cost Each..... 9c**

Steel Letter and Figure Set



Marks metal, leather, wood, etc. Very handy for marking your tools. Complete alphabet and numerals 0 to 9. Shpg. wt. 7 lbs. **XP14977—Your Cost..... \$1.49**

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

TOOLS and HARDWARE for

Open End Wrench Set



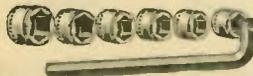
Five open end wrenches with the following openings: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and 1". Bright cadmium plated with machine screw and large knurled head to hold wrenches together. Shpg. wt. 2 lbs. **XP15144—Your Cost. 35c**

Open End Wrench Set



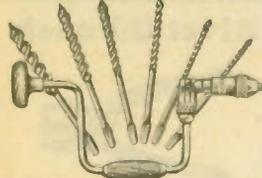
Every mechanic or automobile owner needs a good set of wrenches that will stand a great deal of pressure and abuse without breaking or bending. Set of six drop forged, open end wrenches with the following openings: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and 1". Bright cadmium plated. Red enameled holder with spring catch. An excellent value. Shpg. wt. 3 lbs. **XP15143—Your Cost. 75c**

Socket Wrench Set



Made of cadmium plated steel. Contains one each of the following sockets: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{8}$ ". Complete with wrench, and metal container. Shpg. wt. 2 $\frac{1}{2}$ lbs. **XP15080—Your Cost. 39c**

Ratchet Brace and Bit Outfit



Steel brace fully nickel plated with wood knob and handle, finished in mahogany. Has 10" 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: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ ". Ratchet brace with above set of bits. Shpg. wt. 6 lbs. **XP14735—Your Cost. \$2.95**
Ratchet brace only. Shpg. wt. 4 lbs. **XP14736—Your Cost. \$1.25**

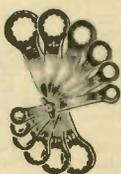
JAMES SWAN Auger Bits



Of highest quality steel. Bore fast and clean without binding. Double cutters, deep spur. Six bits to set. Sizes: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ ". Wood box. Shpg. wt. 3 lbs. **XP14737—Your Cost. \$1.79**

Offset Box End Wrenches

Box or closed end wrenches that will not slip off the nut or bolt head while using. Six wrenches with the following twelve hexagon broached openings: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and 1". Bright cadmium plated with stud and wing nut to hold wrenches. Shpg. wt. 3 lbs. **XP15145—Your Cost. 65c**



Wrench Set



Here's a handy little item for your tool kit. 10-in-1 slot-lock wrench set that will take all medium size nuts in general use, either square or hex. When wrench is not in use they are locked in compact bundle by the handy clip. Shpg. wt. 1 lb. **XP14732—List 70c Your Cost. 35c**

End Wrench Set



A handy pocket set for repair men, auto and radio mechanics, electricians, etc. Ideal for adjusting nuts in small spaces. Set consists of 3 double end wrenches and genuine leather case. Sizes are $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and odd sizes. Shpg. wt. 8 oz. **XP15081—Your Cost. 15c**

Economy Brace



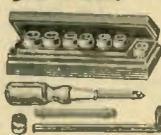
Although this item is inexpensive, it is made to withstand hard usage over a long period of time. A worth while addition to any tool kit you may now be using. This is an exceptional value in a well made brace. Round knurled alligator chuck, with heavy spring. Wooden knob and handle, finished in mahogany. All steel parts fully polished. Has 10" sweep. Shpg. wt. 3 lbs. **XP14739—List \$1.00 Your Cost. 45c**

G. M. Co. Hand Drills



Finely machined hand drills with $\frac{1}{2}$ " hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Shpg. wt. 2 lbs. **XP14723—With side knob. List \$2.00 Your Cost. 79c**
XP14724—Without side knob. List \$1.50 Your Cost. 69c

Truest Wrench Set and Screw Driver



A combination screw driver and wrench set. Consists of ascrew driver with a 3" straight and a 5" Ell shaped extension. A coupling and the following sockets— $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and one internal knurled socket to fit any 12 pt. or round nut— $\frac{1}{4}$ " to $\frac{3}{8}$ ". Shpg. wt. 4 lbs. **XP15159—Your Cost. 95c**

Angle Wrenches



Adjustable angle wrenches of high quality drop forged steel. Full polished cadmium plated. Shpg. wt. 2 lbs. **XP15141—6" Your Cost. 38c**
XP15142—8" Your Cost. 54c

Radio Reamer



The handiest tool for reaming holes in radio panels, wood, light metals, etc. Length of blade 4". Will ream holes from $\frac{1}{8}$ " to $\frac{3}{8}$ ". Shpg. wt. 8 oz. **XP15065—Your Cost Each. 17c**

"Stix-on" Wrench



A patented wrench that fits all nuts from $\frac{3}{8}$ " to $1\frac{1}{2}$ ". Jaw swings open to take nut, pressure on handle produces vise-like grip. Tempered steel construction. Shpg. wt. 1 lb.

XP14936—Your Cost. 15c

Tap Wrench



Highest quality carbon tool steel, oil tempered. The hardened, perfectly fitting jaws will take up to $\frac{1}{4}$ " tap. Meet properly; open easily. Shpg. wt. 2 lbs. **XP14714—Your Cost. 25c**

Carbon Twist Drills



ASSORTMENT 9 Drills; sizes $\frac{1}{4}$ " to $\frac{1}{2}$ ". Good steel; fast cutting. Correctly ground and will hold their edge. In wood box. Handy for the serviceman's tool kit. Shpg. wt. 2 lbs. **XX14709—Your Cost. 35c**
Same assortment; paper wrapped. **XP14710—Your Cost. 32c**

RADIO SOCKET WRENCHES

All Steel Set



This set will stand the hardest usage. Five interchangeable sockets: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and screw driver bit. Cadmium plated. Knurled handle. Sockets easy to remove, yet will not loosen while working. Shpg. wt. 1 lb. **XP14749—Your Cost. 43c**

Goodell-Pratt



Set consists of handle with polished steel parts and mahogany finished grip, 3 hex. sockets, size $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{3}{4}$ "; and a four jaw socket for handling knurled nuts. Metal parts of case hardened steel. Sockets slip on easily and are held firm by means of an improved catch. Shpg. wt. 1 lb. **XP15049—Your Cost Per Set. 74c**

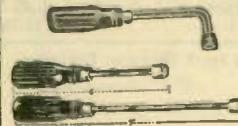
INDESTRO Socket Wrench Set

Strongly made wrench set neatly finished in bright cadmium with black wood handle. Complete with five hexagon



sockets, one round nut socket and screw driver socket. Shpg. wt. 1 lb. **XP15111—Your Cost. 55c**

SPIN TYPE Socket Wrenches. Straight and Offset Types



6" Straight
XP15203—For $\frac{1}{4}$ " hex. nuts
XP15051—For $\frac{3}{8}$ " hex. nuts
XP15052—For $\frac{1}{2}$ " hex. nuts
XP15053—For $\frac{5}{8}$ " hex. nuts
XP15054—For $\frac{3}{4}$ " hex. nuts
XP15204—For $\frac{1}{2}$ " hex. nuts

Your Cost, Any Size **12c**
XP15205—For set of 6. . . . 65c

7" Offset Type
XP15206—For $\frac{1}{4}$ " hex. nuts
XP15207—For $\frac{3}{8}$ " hex. nuts
XP15208—For $\frac{1}{2}$ " hex. nuts
Your Cost, Any Size **16c**

Ribbed wooden handle and cadmium plated shank. Has deep hole in end of socket and will take a long screw up to No. 10. Two sizes in straight type—6" and 9". Shpg. wt. 1 lb.

9" Straight
XP15209—For $\frac{1}{4}$ " hex. nuts
XP15107—For $\frac{3}{8}$ " hex. nuts
XP15208—For $\frac{1}{2}$ " hex. nuts
XP15108—For $\frac{3}{8}$ " hex. nuts
XP15110—For $\frac{1}{4}$ " hex. nuts
XP15210—For $\frac{3}{8}$ " hex. nuts

Your Cost, Any Size **16c**
XP15211—For set of 6. . . . 85c

XP15212—For $\frac{3}{8}$ " hex. nuts
XP15213—For $\frac{1}{2}$ " hex. nuts
XP15214—For $\frac{3}{8}$ " hex. nuts
XP15215—Set of 6. . . . 85c

MECHANICS and SERVICEMEN

Crescent Bent Nose

Pliers
For hard-to-get-at places. Drop forged steel heavily nickel plated. Handle is knurled for steady gripping. Shpg. wt. 3 lbs.
XP15131—**75¢**
Your Cost.....

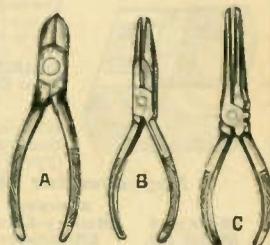
Lineman's Pliers

A sturdy heavy tool. Sharp cutters with strong handles. 6½" long. Shpg. wt. 3 lbs.
XP15128—Your Cost.....**35¢**

Nickel Thin Nose Pliers

A special nickel plier with long nose. 6½" long. Shpg. wt. 3 lbs.
XP15129—Your Cost.....**29¢**

Genuine KRAEUTER Pliers



You owe it to yourself to own at least two good pairs of pliers. Krauter pliers have been acknowledged for years as being the finest pliers made. The quality will be remembered long after the price has been forgotten. Shpg. wt. each 1 lb.

Diagonal Cutting

A—Cutting jaws of this plier come together perfectly. "They cut the insulation as well as the wire." Length 5¼".
XP14944—Your Cost.....**\$1.20**

Long Nose

B—A truly fine tool with a side cutting blade that is sharp, and will stay so. Gets into the places that are hard to get at.
XP14945—6" long. **\$1.05**
Your Cost.....

Needle Nose Pliers

C—Furnished with an extra long finely tempered nose, for reaching into difficult places. Length, 6".
XP15076—**\$1.20**
Your Cost.....

Diagonal Cutting Pliers

A very popular plier with all servicemen. Sharp cutters. 5¼" long. Shpg. wt. 3 lbs.
XP15127—Your Cost.....**35¢**

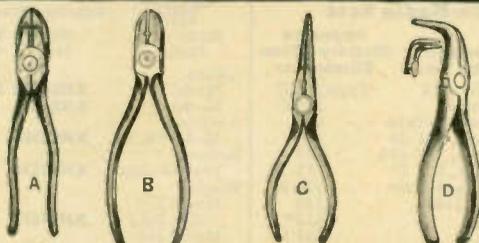
Nickel Radio Pliers

A handy all-around plier, neatly made. Shpg. wt. 3 lbs. 6" long.
XP15132—**33¢**
Your Cost.....

Tinner's Snips

Finest grade drop-forged shears. 10" long with polished blades and red enameled handles. Shpg. wt. 2 lbs.
XP15118—**54¢**
Your Cost.....

KLEIN'S Pliers—the finest made



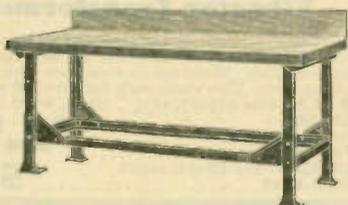
A—Side Cutting Plier. A sturdy lineman's plier for use on bare or insulated wire. Has rounded nose for use in tight quarters. Sharp perfectly fitted cutting knives. Full clearance back of knife permits use on insulated wire. Shpg. wt. 3 lbs.
XP15222—6" long. **\$2.25**
Your Cost.....

B—Oblique Cutting Pliers with Wire Stripping Notch. Cutting pliers with the addition of a notch in the knives for use in stripping insulation. Lap joint. Narrow head. 6" long. Shpg. wt. 3 lbs.
XP15223—**\$2.30**
Your Cost.....

C—Long Nose Side Cutting Plier. A real long nose plier that will stand the abuse you give it without complaint. Hardened and tempered to insure positive grip at the tip. Sharp carefully fitted cutting knives. Shpg. wt. 3 lbs.
XP15221—6" long. **\$2.10**
Your Cost.....

D—Long Curved Nose Plier. A handy plier for working in close quarters around radio chassis, etc. Jaws will not lose their shape. 6" long. Shpg. wt. 2 lbs.
XP15224—**\$2.25**
Your Cost.....

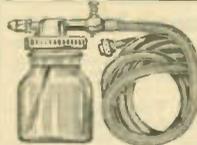
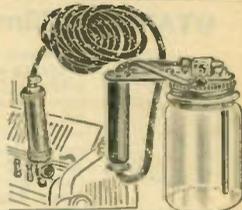
"LAMCO" Work Bench Strongly Built for Garage Factory, Shop or Home Use



An excellent bench for use by the radio serviceman. It is sturdily made and will not wobble. At this low price it does not pay to try to build your own bench. Sub-structure made of 1½x½" Angle-Iron securely are welded for rigidity. Stringers are inverted to allow for nesting in of lower shelf. Fastener plates at corners for additional firmness. Slotted foot rest for anchoring to floor. Top made of 2" kiln-dried Douglas Fir, vertical grain. Size 24x60" top; 31" high. Delivered knocked down. Shpg. wt. 80 lbs.
XP14942—**\$10.75**
Your Cost Each.....

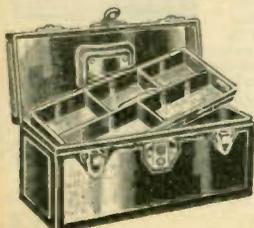
Power Sprayer

Made to operate from the spark plug of any automobile. It will spray lacquer, paint, varnish, shellac, insecticide, in fact any other finely mixed freely flowing mixture or fluid. Is furnished complete with sprayer, pint jar container, spark plug air check valve, compression tank, a set of adapters for all sizes of sparkplugs, and 12 feet air hose. Shpg. wt. 11 lbs. XP14704—List \$7.50
Your Cost Complete.....**\$3.25**



Handy Sprayer

Air pressure supplied by any automobile tire. Complete with glass jar, 6 ft. of hose, and adjustable spray tip. Will spray approximately four jars from one tire containing 35 lbs. pressure. Shpg. wt. 5 lbs.
XP14705—Your Cost.....**69¢**

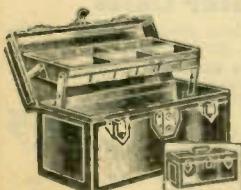
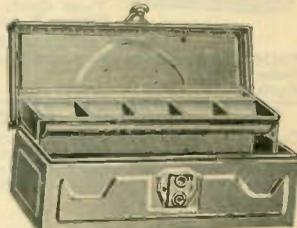


Utico Steel Tool Boxes The "Utility"

A mechanic's tool box, fishing tackle box, valuable paper box, for household tools and a dozen other purposes. Has loose tray with movable partitions. Heavy steel, beautifully finished in olive green. Matched hardware. Size 14x6½x6". Shpg. wt. 6 lbs.
XP14870—Your Cost.....**79¢**

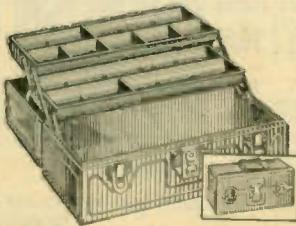
The "Master"

Can be used as—Tool Box; Tackle Box or as a Cash and Bond Box. Special cantilever tray has rounded bottom and can be released from mechanism and be lifted out by hand or can be removed entirely and used separately. Size 13½x4½x6½". Olive green finish. Shpg. wt. 3 lbs.
XP15154—**59¢**
Your Cost.....



The "Craftsman"

Has cantilever tray that pulls into position when box is opened—all contents handy to get at. Made of heavy gauge, cold rolled steel with electric welded flush seams. Finished in especially hard baked enamel, olive green in color. Has permanent embossed rule on cover. Movable tray partitions. Matched hardware with lock and key. Size 14x6½x6". Shpg. wt. 7 lbs.
XP14871—Your Cost Each **89¢**



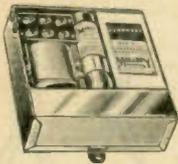
The "De Luxe"

TWO DOUBLE Trays with cantilever action. Particularly suited for use as tackle box or any outdoor use, it is carefully waterproofed. Embossed rule on cover to measure fish, etc. Removable tray partitions. Sturdy catches and lock with key. Size 13½x6½x6¾". Green finish. Shpg. wt. 4 lbs.
XP15153—**\$1.15**
Your Cost.....

We Will Not Knowingly Be Undersold

AUTO RADIO

MALLORY-ELKON Auto "B" Eliminators and Replacement Vibrators



Develop sufficient unvarying "B" power for all auto sets. No rotary parts; no tubes used. Easily installed. Guaranteed. Size $7\frac{1}{2} \times 6\frac{1}{2} \times 2\frac{3}{4}$ ". Shpg. wt. 17 lbs.
XN14223—List \$19.95
Your Cost..... \$11.73

NOTE

When ordering eliminators for sets other than those listed, give make, model, number, and type of tubes and "B" voltage used.

Approved for These Auto-Radio Sets

| Make and Model No. | Approved Mallory-Elkon Eliminator | Make and Model No. | Approved Mallory-Elkon Eliminator |
|--|-----------------------------------|----------------------------|-----------------------------------|
| Atwater Kent, 81 | Type 211-CD | Majestic, 114 | Type 211 C |
| Atwater Kent, 91 | 210-CA | Motometer | 212 C |
| Bosch, 80 | 214 | Motorola, 6-Tube | 210 |
| Bosch, 84 | 214 | Motorola, 7 T 38 | 210 |
| Bosch, 9:20 | 211 PC | Motorola, 7 T 47A | 210 |
| Cadillac, 7-Tube | 211 C | Motorola, 5 T 71 | 211 M |
| Colonial, 54 | 213 | Motorola, 5-Tube | 211 M |
| Colonial, 53 | 211 | Ohio, 6-Tube | 210 |
| Crosley Roamlo, 95 (38 Output Tube) | 212 C | Philco, 3 | 212* |
| Crosley Roamlo, 95 (41 Output Tube) | 211 C | Philco, 6 | 211 C |
| Crosley Roamlo, 96 | 211 C | Philco, 7 (41 Output Tube) | 211 P |
| Crosley Roamlo, 92 | 211 | Philco, 7 (38 Output Tube) | 212 P |
| Crosley Roamlo, 91 | 213* | Philco, 8 | 210 C |
| Emerson "Compact" 25A | 214 | RCA Victor, M 32 | 211 C |
| Erla, 261 | 212 PC | Republic "Autotone" | 210 |
| Gulbransen, 6-Tube | 211 C | Spartan, AR 19 | 212 PC |
| Gulbransen, 7-Tube | 211 C | Spartan, 34 | 210 ST |
| International "Kadette" | 214 C | Spartan, 40 | 213 S |
| Majestic, 110 | 211 | Universal, 57 | 211 |
| *Requires Mallory "A" choke. | | Universal, 70 | 211 |
| XN14231—Your Cost..... \$2.06 | | Universal, 77 | 211 |
| Mallory Replacement Elkonodes, types 11, 12, 13, 14. | | Wells Gardner, 6-Tube | 211 C |
| Your Cost Each, Any Type..... \$4.12 | | Wells Gardner, 7-Tube | 211 C |



Mallory-Elkon Vibrators, due to their scientific design and careful assembly, have become the popular units in the auto radio field. They are used exclusively by a great number of radio manufacturers producing the finest auto sets on the market today. Each unit is guaranteed against defects under the R.M.A. standard warranty. In the listing below, some of the more popular vibrators are shown. All are exact duplicates, and fit the chassis exactly without any changes.



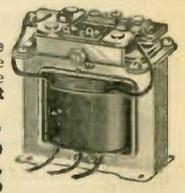
| Name and Model | Stock No. | Your Cost | Name and Model | Stock No. | Your Cost |
|-------------------------------|-----------|-----------|--------------------------------------|-----------|-----------|
| Airline Model 62 | XN14533 | \$2.94 | Colonial Model 150 | XN14549 | \$3.23 |
| Model 118 | XN14534 | 2.65 | General Electric Model B40* | XP14600 | 3.23 |
| Audiola Model S6, S7 | XN14535 | 3.23 | Model B41* | XP14601 | 3.23 |
| Belmont 1932 Models | XN14536 | 3.23 | Model B52* | XP14602 | 3.23 |
| Bosch Model 150 (1st Ed.) | XN14537 | 4.41 | Lafayette Model 062 | XP14603 | 2.94 |
| Model 150 (2nd Ed.) | XN14538 | 3.23 | Model L30 | XP14604 | 2.65 |
| Model 140 (2nd Ed.) | XN14539 | 3.23 | Majestic Model 66 | XP14605 | 2.94 |
| Model 140 (3rd Ed.) | XN14540 | 3.23 | Motorola Model 88 | XP14606 | 3.23 |
| Model 160 | XN14541 | 3.23 | Model 61 | XP14607 | 3.23 |
| Model 45 | XN14542 | 3.23 | Model 77 | XP14608 | 4.41 |
| Model 79 | XN14543 | 2.65 | Model 77A | XP14609 | 3.23 |
| Cadillac Model 072 (1st Ser.) | XN14544 | 2.94 | Model 55 | XP14610 | 4.41 |
| Model 072 (2nd Ser.) | XN14545 | 4.41 | Model 55A | XP14611 | 4.41 |
| Model 06W (Standard) | XN14546 | 4.41 | Model 44 | XP14612 | 4.41 |
| Model 06W (Master) | XN14547 | 4.41 | Model 44A | XP14613 | 4.41 |
| Model 6U2 (Standard) | XN14548 | 2.65 | Model S-6 | XP14614 | 3.23 |
| | | | Model—All 1934 | XP14615 | 2.65 |
| | | | Stromberg Carlson All 1933 & 1934 | XP14616 | 4.41 |
| | | | *Requires special cup adapter. | | |
| | | | XP14617—Your Cost..... \$2.94 | | |

UTAH "B" Eliminator For Majestic 66



An exact duplicate replacement eliminator for the Majestic model 66 (twin six). Contains transformer, vibrator, filter condensers and rectifier tube. Uses the new type 84 rectifier tube. Detailed instruction sheet precludes possibility of errors in wiring. In heavy metal container, with parts mounted in "vibration proof" dampers. Shpg. wt. 8 lbs.
XN14232—Complete unit, with tube. \$5.25
Your Cost.....

Vibrator Transformer



Combination power transformer and vibrator in one unit. Large tungsten contacts. Of full wave type (no polarity). Mounted in steel can with sponge rubber liner. Two sizes; each delivers 250 volts at 50 M.A. Size $4\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{1}{4}$ ". Shpg. wt. 6 lbs.
XN14205—For 6-volt input. \$4.75
Your Cost.....
XN14206—For 12-volt input. \$5.75
Your Cost.....

GEN-E-MOTOR Replacement Motors



Adaptable to practically any auto set now using a buzzer or vibrator type power supply. Housed in cadmium plated case $2\frac{1}{2} \times 5\frac{1}{2} \times 4\frac{1}{4}$ ". Shpg. wt. 8 lbs.
XN14201—Delivers 225 Volts at 50 M.A. from 6-volt source. Drain 3.8 amps.
XN14230—Delivers 250 volts at 60 M.A. from 6-volt source. Battery drain 4.2 amps.
Your Cost, Either Type..... \$7.64

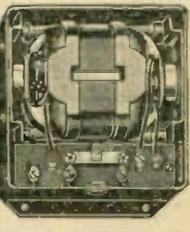
Motor for 32-Volt Power Supply

XN14233—Similar to above. Delivers 180 volts from a 32-volt input. Your Cost, Each..... \$9.70

GEN-E-MOTOR Auto "B" Eliminators

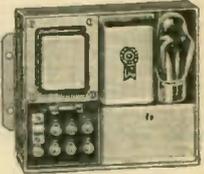
Combined motor and generator operating from a 6-volt storage battery. Can mount in exceptionally small space— $3\frac{1}{2} \times 5\frac{1}{2} \times 5\frac{1}{2}$ ". Each complete with latest type of radio noise filter. Will carry up to 25% overload. Is fool-proof. Employs latest type ball-bearing motor. Shpg. wt. 17 lbs.

| Stock No. | Out-put Volts | M.A. | "A" Taps | Batt. Drain | Your Cost |
|-----------------------------|---------------|------|-----------------------|-------------|-----------|
| XN14209 | 180 | 30 | 90 | 1.94 | \$10.78 |
| XN14210 | 200 | 40 | None | 2.75 | |
| XN14228 | 225 | 50 | None | 3.8 | 10.58 |
| XN14229 | 250 | 50 | None | 4.2 | |
| For Police Cars | | | | | |
| XN14245 | 135 | 30 | 67½ | 1.1 | 14.70 |
| For Sound Truck Equipment | | | | | |
| XN14211 | 300 | 100 | None | 8.75 | 19.98 |
| For 32 Volt Lighting Plants | | | | | |
| XN14213 | 135 | .. | 67½ | .. | 13.52 |
| XN14212 | 180 | .. | 22½, 45, 67½, 90, 135 | .. | 14.70 |



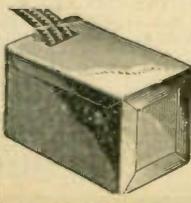
Taps can be provided to meet your specifications. Additional taps, **Your Cost Each Tap..... 30¢**

General Multi-Tap Auto "B" Power Supply



This Multi-Tap "B" power supply unit provides smooth, quiet and constant "B" power output voltage from a 6 volt storage battery. The current drain is only 4.0 amperes at maximum output; lower for smaller loads. Taps are provided at 90, 135, 180 and 250 volts, as shown in illustration. Unit utilizes a type 84 rectifier to supply the necessary voltages. The vibrator is self-contained, housed in a low resistance non-magnetic metal case. Points are oversized, insuring long life. Other features include: Electrostatically shielded transformer, both inside and out; high quality A and B chokes, electrolytic and by-pass condensers and voltage regulating resistors. Provided with relay which controls "B" unit from the set. All parts and wiring mounted directly on the chassis which is housed in a strong steel cadmium plated cabinet measuring $6\frac{1}{2} \times 6\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt. 15 lbs.
XN14252—Multi-Tap Tube Rectifier Unit, complete with Type 84 rectifier tube. List \$15.00
Your Cost Each..... \$8.82

GENERAL Vibrator Units

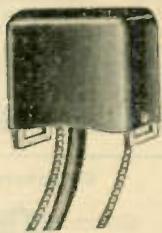


Identical to those used in the above described units. Average shpg. wt. 4 lbs.
Vibrators for Tube Rectifiers
XN14254—With leads. \$2.35
XN14255—With plug-in base. 4-prong. Your Cost, Either Type.....
Synchronous Vibrators (Tubeless)
XN14256—With leads. \$2.94
XN14257—With plug-in base. 5-prong. Your Cost, Either Type.....

ACCESSORIES

Trutest Automatic Battery Charge Rate Regulator

This device automatically picks up the additional drain on the storage battery and generator caused by radios or electrical appliances. The Trutest Regulator advances the charging rate of the generator by approximately 5 amperes when the set or appliance is turned on, but automatically returns generator to the original charging rate when the equipment is not operating. Thus, generator and battery are saved from being overtaxed. Easily installed, without the need for any tools. Full instructions included. Shpg. wt. 2 lbs.



\$2.25

XN14258—Trutest Automatic Charge Rate Regulator.
Your Cost

New! SHERWOOD Master Filter

Eliminates Individual Suppressors

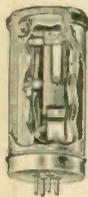
This filter is designed to replace all resistors, suppressors or filters as used in connection with auto radio installations. The Sherwood Master Filter is placed in the distributor head only, thus eliminating the necessity for using any type of suppression on the spark plug. Consists of eight individual coils wound into a master coil, having an A.C. resistance of 420 ohms at 3400 R.P.M. motor speed. Its distributing capacity is held to a point of .00057, this being so low as to give complete suppression of motor noises, but resonating the circuit accurately at one given frequency which is held outside the broadcast band. Constructed with solid bakelite housing that will resist heat of 400° and is moisture proof. Will stand up under continuous excessive vibration. Stands up under 30,000-volt breakdown test. Shpg. wt. 8 oz.



XN14135—Sherwood Master Filter.
Your Cost

\$1.55

PHILCO Replacement Vibrator

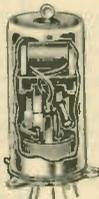


Used in the Transitone models—6F, 9F, 5T, 10. Contained in a sponge rubber padded cylinder so that there is absolutely no noise pick-up. Vibrator is of the full wave type with points of pure silver. Unit is of the plug-in type, with standard four-prong base. Shpg. wt. 2 lbs.

XN14274
Your Cost Each... **\$2.79**

RCA Vibrator for M-34 Auto Set

The genuine RCA Part No. 7604 used in the popular M-34 auto set. Of the full-wave type. Has large copper contact arms with points of pure silver. The unit is mounted in a floating rubber base and is double shielded. It will pay you to keep one on hand for immediate service.



XC2596
Your Cost

\$3.00

Auto Radio Locks



Prevent the theft of auto sets. These units fit over one chassis mounting bolt, and prevent its removal until lock is opened by key. Yale locks are mounted in cast-steel casing. Black lacquer finish. Two keys provided. Fool proof. Instructions for mounting included. Shpg. wt. 2 lbs.

XN14136—Your Cost Each... **89¢**

Similar to the above, but of one-piece bar steel. Black lacquer finish. Shpg. wt. 2 lbs.

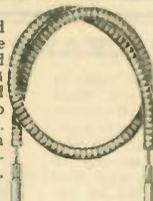
XN14137
Your Cost Each... **\$1.05**

NOTE

A complete line of automobile antennas of all types, at lowest prices, will be found listed on page 23.

BARGAIN Remote Control Cables

These cables, manufactured by the S. S. White Co., are the finest obtainable. Used by many well known set manufacturers as standard equipment on their auto sets. Ends cannot unravel. Both ends terminate in brass couplings 1/4" in diameter. Six sizes available. Shpg. wt. 3 lbs.



| Stock No. | Lgth. Ins. | Your Cost | Stock No. | Lgth. Ins. | Your Cost |
|-----------|------------|-----------|-----------|------------|-----------|
| XN14194 | 14 | 50.25 | XN14197 | 38 | 50.69 |
| XN14195 | 20 | .35 | XN14198 | 47 | .85 |
| XN14196 | 29 | .45 | XN14199 | 72 | .98 |

Wire Wound Ignition Suppressors

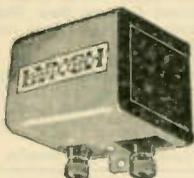


The ideal suppressors for auto radio installations. They offer a high resistance to noise frequencies, yet permit ample flow of current for ignition purposes because of their low D.C. resistance (600 ohms). **Will not cut down the speed of any car.** Housed in non-hygroscopic bakelite casings; no leakage losses. Two types available: for spark plug and for the distributor. Shpg. wt. 8 oz.

XE5296—Spark Plug Type.
XE5297—Distributor Type.
Your Cost Each, **29¢**
Either Type.

LYNCH Auto Noise Filter

Designed to do the same job for the auto radio that the line filter does for the home radio. For use in cars having one side of the battery and one side of the receiver grounded. Shpg. wt. 2 lbs.



XE5255
Each... **\$1.47**

Generator Silencer

Both the generator commutator and cut-out are sources of noise. This noise can be eliminated by using our generator silencer.



XP14215—5 mfd. Your Cost Each... **22¢**
XP14216—1 mfd. Your Cost Each... **28¢**

Distributor Silencer

A new and improved type which eliminates high frequency kick-backs and noise pick-up from the ignition coil. Has choke unit mounted inside the metal case, thus eliminating possibility of shorts to car frame. Shpg. wt. 3 lbs.

XP14217—Your Cost... **75¢**

Ammeter Condenser and Dome Light Filter

For eliminating noise originating in the wiring running to ammeter, dome light, horn, etc. Dome light eliminator contains choke and condenser. Ammeter condenser has no reactor.



XN14218—Ammeter Condenser. Your Cost... **22¢**
XN14208—Dome Light Filter. Your Cost... **45¢**

AMPERITE for Autos

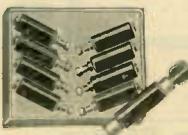
In the event that battery connections on an auto become loose or corroded (which very often happens), the generator is capable of delivering up to 35 volts to anything connected across its terminals. This voltage remains high, and is liable to damage a radio set. An Amperite prevents this trouble. Shpg. wt. 2 lbs.

XN14214—Your Cost... **\$1.25**

Special Compact Suppressor Kits

These "Trutest" kits employ a new and simplified type of suppressor that will make the work of the auto radio installer much easier. These suppressors will fit any make car without the necessity for cutting any wires. Just unscrew spark plug cap, screw suppressor in its place and clip connecting wire to terminal provided on top of unit. Kits contain one spark plug suppressor for each cylinder and one distributor suppressor.

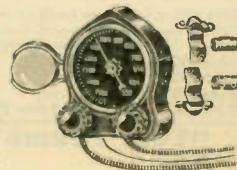
XE5280—Four Cylinders. Your Cost... **72¢**
XE5281—Six Cylinders. Your Cost... **88¢**
XE5282—Eight Cylinders. Your Cost... **\$1.18**
XE5284—Special Set of 8 Suppressors for Ford V8. Your Cost... **\$1.25**



XE5278—Single Spark Plug Suppressor. Your Cost Each... **14¢**
XE5279—Single Distributor Suppressor. Your Cost Each... **14¢**
XE5253—Special Compact Type for Buick Cars. Your Cost Each... **16¢**

Trutest "Airplane Dial" Remote Control

Built of pressed steel, rust-proofed and finished in black lacquer. Dial, illuminated by a pilot bulb, has sweep hand indicator of the popular airplane type. Key is part of volume control knob. Entire unit clamps on steering column. Size: 3 1/2" high, 2 1/4" wide, 1" thick. Can be used as a replacement control in many standard sets. Shpg. wt. 3 lbs.



XN14241—Remote control with knobs and pilot light; less cables, couplers and clamps. Your Cost... **\$2.25**
XN14243—18" Cables—Your Cost, Per Pair... **\$0.95**
XN14246—24" Cables—Your Cost, Per Pair... **1.08**
XN14247—30" Cables—Your Cost, Per Pair... **1.25**
XN14242—Connecting Couplers—Your Cost, Per Pair... **.10**
XN14244—Cable Clamps—Your Cost, Per Pair... **.10**

We Will Not Knowingly Be Undersold

These PRICES tell their OWN story!

Jack Plane



Has adjustable cutter. Smooth bottom, double steel irons. Handle and knob of selected polished hard wood. Sides highly polished. Cutting blade 2" wide. Length of base 14". Will stand up under hard usage. Shpg. wt. 9 lbs.
XP15119—Your Cost \$1.55

Pocket Level



Guaranteed accurate. Non-freezing liquid. Nickel plated. Length 2 3/4". Shpg. wt. 8 oz.
XP14931—Your Cost 10¢

Expansive Bits



A fine quality expansive bit made by C. E. Jennings & Co. Clark Pattern, complete with two cutters. Full polished. Highly finished. Guaranteed. Shpg. wt. 1 lb.
XP15116—5/8 to 1 3/4" 95¢
XP15117—1/2 to 3" \$1.05
Your Cost

6 ft. Folding Rule



Made of boxwood, finished in white enamel. Metal bound. Length 6 ft. Shpg. wt. 8 oz.
XP14975—Your Cost 15¢

Wood Chisel Set



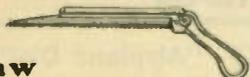
Beveled edges, honed ready to use. 3 3/4" blades. Leather tipped hickory handles. Set of three chisels. Sizes: 1/2", 3/4" and 1". Shpg. wt. 2 lbs.
XP14982—Per Set of 3 89¢
Your Cost

Fine Quality Scratch Awls



These Awls have a hardened steel, needle pointed blade, passing through the entire length of the selected hardwood handle. Has nicked ferrule. Blade is 3 3/4" long and 6 1/2" overall. Shpg. wt. 1 lb.
XP15068—Your Cost Each 15¢

Close-Cut Hack Saw



Fits where ordinary hack saws cannot be used. Frame contains a special design wave set, 10" blade. Broken Hack Saw Blades may also be used. Shpg. wt. 2 lbs.
XP15093—Your Cost 59¢
Extra Blades for above 30¢
XP15094—Your Cost for Three

"Tom Thumb" Hack Saw Frame



For sawing in "tight" corners this frame cannot be excelled. Complete with blade. Shpg. wt. 3 lbs.
XP15136—Your Cost 20¢

ICA Soldering Iron Holder and Stand



Just the thing for the serviceman to use on service calls. Eliminates the need for waiting for the iron to cool. Just place the iron in this holder—tip and barrel nest all the way in—and place in tool kit. No fear of burning or scorching items near it. Also acts as stand for iron. Two steel supports fold flat against case when not in use. All metal construction, lined with asbestos material. Saves time and money.
 Shpg. wt. 3 lbs.
XP15231—Your Cost 73¢

Hand Drill

A quality tool that every serviceman or mechanic needs. Constructed of high grade materials that insure long, unailing service. Geared hub to drill quickly. Drill chuck takes drills from 1/8" to 1/4".
 Shpg. wt. 2 lbs
XP14747—39¢
Your Cost



Countersink



Have tempered steel blades set in grooved wood handles. For shaping holes in panels of wood, bakelite, fibre, etc. A handy tool for the serviceman.
XP14950—Your Cost 16¢

Crucible Steel Files

These files are made of best crucible steel and tempered. State level finished.

XP15036—Round Bastard Files
 Length 4 in. 6 in. 8 in. 10 in.
Cost Each 11c 12c 14c 17c
Six For 60c 65c 80c \$1.19

XP15038—Slim Taper Files
 Length 4 in. 5 in. 6 in.
Cost Each 7c 8c 9c
Six For 40c 45c 53c

XP15034—Flat Bastard Files
 Length 6 in. 8 in. 10 in.
Cost Each 11c 16c 21c
Six For 62c 90c \$1.20

Offset Steel Scriber

This handy item is constructed of the finest grade of tempered tool steel. Tapers to a finely ground round point that will not lose its temper. Body of tool is knurled for easy grip. One end offset for close work 1/2" diameter.
XP14952—Your Cost 19¢

Screw Drivers



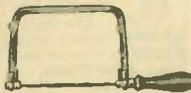
Have fine steel blades set in insulated Amberoid handles. Non-inflammable. Handles finely knurled to insure good grip. Have 3/8" blades for set screws, small wood screws, etc. Indispensable to the serviceman's kit. Three sizes available.
XP15234—2" Blade 7¢
Your Cost Each
XP15235—3" Blade 8¢
Your Cost Each
XP15236—5" Blade 9¢
Your Cost Each
Per Set of Three 21c

PACKARD Record Changer

An exceptional value in record changers. Simplified construction makes for a sturdy compact unit that will give trouble free service for many years and also makes possible an extremely low price for such high quality. Uses a powerful dual speed motor that will play both the 78 and 33 1/2 R. P. M. records. Eight 10" records may be played automatically, rejecting or repeating any record at will. Plays 12" records manually. Last record repeats till switch is turned off. Entire unit is built of heavily copper plated steel with all exposed parts finished in a beautiful statuary bronze. High impedance pick-up is of the new flat type with automatic weight adjustment. Very compact, requiring a space only 17 1/2" long, 5 1/2" high and 13 1/2" wide, making it especially suitable for a small console. Owners of portable P. A. systems will find the extreme compactness of this unit makes it ideally suited for portable use. Can be built into a suitcase. For 110 volts A. C. other pick-up impedances or odd cycles and voltages quoted on request. Shpg. wt. 30 lbs.
XY19820—List \$45.00
Your Cost \$26.45

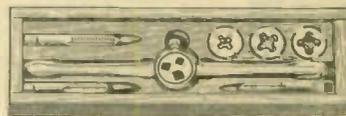


Coping Saw Frame Adjustable Handle



Easily adjusted to face blade any desired direction. Tightened and locked at any angle by turning handle. With one blade. Shpg. wt. 3 lbs.
XP15091—Your Cost 33¢
Steel Coping Saw Blades two pin ends fits above; also standard frames. Shpg. wt. 2 lbs.
XP15092—15¢
Your Cost per Dozen 9¢
Nickel plated steel wire coping saw frame. Complete with blade. Shpg. wt. 2 lbs.
XP15113—Your Cost 9¢
Extra loop blades for above. Shpg. wt. 2 lbs.
XP15139—9¢
Your Cost per Dozen

Tap And Die Sets



A handy set for the mechanic or radio set builder. In wooden box containing three dies cutting 1/4", 3/8" and 1/2", with plug and hand taps to match. Also contains tap wrench and die holder. Constructed of finely tempered steel; will stand up under severe strain. U.S.S. or S.A.E. thread. Shpg. wt. 3 lbs.
XP15229—S.A.E. Thread \$1.15
XP15230—U.S.S. Thread
Your Cost, Either Type

Pistol Grip Hack Saw Frame



Pistol Grip handle made of rubber. A very strong frame that is adjustable to various size blades. Complete with 8" blade. Shpg. wt. 2 3/4 lbs.
XP15137—Your Cost 69¢

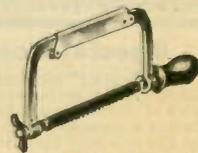
Hack Saw Blades

Made of Tungsteel. Strictly first quality. Very flexible. Fast cutting and long lived. Fully guaranteed. Shpg. wt. 1 lb.

| Stock No. | Size | Per Doz. Your Cost |
|-----------|------|--------------------|
| XP14965 | 8" | 39c |
| XP14966 | 10" | 49c |
| XP14967 | 12" | 59c |

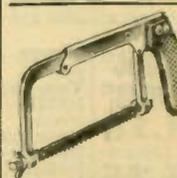
Hack Saws

Adjustable frame for 8 to 10" blades. Frame constructed of nickel plate. Black hardwood handle. Complete with one 8" blade. Shpg. wt. 2 lbs.
XP14994—29¢
Your Cost



Pistol Grip

A real bargain at our price. Strong, adjustable to take 8, 10 or 12" blades. Enameled with one 8" blade. Shpg. wt. 2 1/4 lbs.
XP14995—49¢
Your Cost



REFRIGERATOR REPAIRS

Opens Up Great Money-Making



Opportunities *for* **SERVICEMEN!**

For years Wholesale Radio Service Company has made every endeavor to aid the Radio Serviceman. We have realized that his interests were our interests; that his success meant ours. For that reason we have always rendered the kind of service that meant increased profits for the serviceman.

Now after months of research and investigation in the field, we announce the creation of a Refrigerator Parts Department . . . a Department which will *double your profits!*

What Does This Mean To You?

Our investigations have revealed that there are few men *better* qualified than the Radio Serviceman to render Refrigerator Repair Service. You have the ability. You have the skill.

You have the contacts. Perhaps you have already had requests for this kind of service in the past. Why not service the refrigerators in those same homes where you are making Radio Service Calls? Why not be a Refrigerator Specialist as well as a Radio Expert? Here is a year round business that will add tremendously to your profits. In summer when Radio "slows down" you'll get many calls. In winter when the refrigerator may be out of use, you'll get many overhaul and repair jobs to keep you busy. There are no slack times for the Serviceman who goes into this field!

5 Million Homes Are Waiting For RELIABLE REFRIGERATION SERVICE

The field is tremendous! 4,900,000 homes are waiting for reliable repair service; waiting to pay good money to the men who qualify! Get into this field. You are already well equipped to cash in big because of your past experience. A little study of this field plus the advice of our technical staff will go a long way toward setting you up in this profitable business!

Here at Wholesale Radio Service you will find all parts for practically every leading make of refrigerator at lowest WHOLESALE prices. You can be assured of the same high quality

of merchandise and service from this department as you have been accustomed to receiving on Radio Supplies.

Do not delay! Investigate the possibilities in this field at once. We have already done so and feel that if ever there was an opportunity for the Radio Serviceman to cash in and cash in BIG it is in the Field of Refrigeration Service.

The Pioneers in this field have made big profits. So can you! Again, WHOLESALE RADIO SERVICE COMPANY leads the way by helping the Radio Serviceman to increase his profits in 1935!

Everything At Wholesale Prices

REFRIGERATOR PARTS

2% Cash Discount on ALL orders



| Tube Size | Flare Reducing Union | | *Female Flare To Male Flare Reducer | | Flare Reducing Elbow | | 3-Way Flare Reducing Tee | |
|-----------|----------------------|-----------|-------------------------------------|-----------|----------------------|-----------|--------------------------|-----------|
| | Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost |
| 1/4" | | | RE615 | \$0.18 | | | | |
| 1/4" | | | RE616 | .18 | | | | |
| 1/4" | | | RE617 | .18 | | | | |
| 1/4" | | | RE618 | .24 | | | | |
| 1/4" | | | RE619 | .24 | RE572 | \$0.21 | RE750 | \$0.27 |
| 1/2" | RE532 | \$0.16 | | | | | RE751 | .36 |
| 1/2" | RE533 | .16 | RE620 | .24 | | | RE752 | .36 |
| 3/8" | RE534 | .19 | RE621 | .31 | RE573 | .29 | RE753 | .36 |
| 3/8" | RE535 | .21 | RE622 | .31 | RE574 | .29 | | |
| 3/8" | RE536 | .21 | | | | | | |
| 3/8" | RE537 | .21 | | | | | | |

*Prices include Annealed Copper Gaskets for female flares.



| Tube Size | Flare to M.P.T. Union | | Flare to M.P.T. Elbow | | 3-Way Tee on End | | 3-Way Tee on Side | |
|-----------|-----------------------|-----------|-----------------------|-----------|------------------|-----------|-------------------|-----------|
| | Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost |
| 1/4" | RE550 | \$0.05 | RE685 | \$0.07 | RE795 | \$0.12 | RE765 | \$0.12 |
| 1/4" | RE551 | .05 | RE686 | .07 | RE796 | .14 | RE766 | .14 |
| 1/4" | RE552 | .08 | RE687 | .13 | RE797 | .22 | RE767 | .22 |
| 1/2" | RE553 | .14 | RE688 | .21 | | | RE768 | .43 |
| 1/2" | RE555 | .06 | RE689 | .09 | RE798 | .15 | RE770 | .15 |
| 1/2" | RE556 | .11 | RE690 | .16 | RE799 | .26 | RE771 | .26 |
| 1/2" | RE557 | .14 | RE691 | .21 | | | RE772 | .26 |
| 1/2" | RE558 | .11 | RE692 | .13 | RE800 | .26 | RE773 | .17 |
| 1/2" | RE559 | .08 | RE693 | .10 | RE801 | .17 | RE773 | .17 |
| 3/8" | RE560 | .12 | RE694 | .21 | RE802 | .33 | RE774 | .34 |
| 3/8" | RE562 | .10 | RE696 | .15 | RE803 | .24 | RE775 | .24 |
| 3/8" | RE563 | .15 | RE697 | .21 | RE804 | .33 | RE776 | .34 |
| 3/8" | RE564 | .15 | RE698 | .21 | RE805 | .33 | RE777 | .34 |
| 3/8" | RE565 | .12 | RE699 | .16 | RE806 | .26 | RE778 | .24 |
| 3/8" | RE566 | .17 | RE700 | .39 | RE807 | .57 | RE779 | .57 |

Hexagon Brass Pipe Union

| Stock No. | M.P.T. | Your Cost |
|-----------|-------------|-----------|
| RE640 | 1/2" | \$0.17 |
| RE641 | 3/8" | .18 |
| RE642 | 1/4" x 1/8" | .17 |
| RE643 | 3/8" | .19 |
| RE644 | 1/2" | .24 |



| Stock No. | Bolt Centers | Outlet | Your Cost |
|-----------|--------------|-------------|-----------|
| RE886 | 1 1/2" | 1/2" M.P.T. | 63¢ ea. |
| RE887 | 1 3/4" | 1/2" M.P.T. | |
| RE888 | 1 3/4" | 3/4" M.P.T. | |
| RE889 | 1 3/4" | 1/2" M.P.T. | |
| RE890 | 1 3/4" | 3/4" M.P.T. | |
| RE891 | 1 3/4" | 1/2" M.P.T. | |
| RE892 | 2" | 1/2" M.P.T. | |
| RE893 | 2" | 3/4" M.P.T. | |
| RE894 | 1 3/4" | 3/4" S.A.E. | |
| RE895 | 1 3/4" | 3/4" S.A.E. | |
| RE896 | 1 3/4" | 1/2" S.A.E. | |

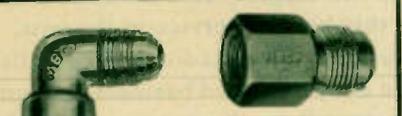


| Tube Size | Stock No. | Your Cost | Stock No. | Your Cost |
|-----------|-----------|-----------|-----------|-----------|
| 1/4" | RE840 | \$0.01 | RE865 | \$0.04 |
| 1/4" | RE841 | .01 | RE866 | .04 |
| 1/4" | RE842 | .01 | RE867 | .05 |
| 3/8" | RE843 | .01 | RE868 | .07 |
| 3/8" | RE844 | .02 | RE869 | .08 |
| 1/2" | RE845 | .02 | RE870 | .10 |



Valve Hand Wheel
1/2" Square with Lock Screw.
RE910—
Your Cost **14¢**

| Stock No. | Bolt Centers | Your Cost |
|-----------|--------------|------------|
| RE900 | 1 3/8" | \$0.01 1/2 |
| RE901 | 1 1/2" | .01 1/2 |
| RE902 | 1 3/4" | .03 1/2 |
| RE903 | 2" | .05 |



| Tube Size | Male Flare to F.P.T. Elbow | | F.P.T. to Male Flare Union | |
|-----------|----------------------------|-----------|----------------------------|-----------|
| | Stock No. | Your Cost | Stock No. | Your Cost |
| 1/4" | RE716 | \$0.10 | RE580 | \$0.06 |
| 1/4" | RE717 | .11 | RE581 | .07 |
| 1/4" | RE718 | .21 | RE582 | .13 |
| 1/2" | RE719 | .11 | RE583 | .08 |
| 1/2" | RE720 | .21 | RE584 | .13 |
| 1/2" | RE721 | .21 | RE585 | .13 |
| 1/2" | RE722 | .16 | RE586 | .11 |
| 1/2" | RE723 | .29 | RE587 | .20 |
| 3/8" | RE725 | .21 | RE588 | .14 |
| 3/8" | RE726 | .29 | | .20 |
| 3/8" | RE727 | .29 | RE589 | .20 |
| 3/8" | RE728 | .24 | RE590 | .17 |
| 3/8" | RE729 | .45 | RE591 | .37 |



| Tube Size | Heavy Forged Flare Nut | | Flared Fitting Connector | | Flared Fitting Cap | |
|-----------|------------------------|-----------|--------------------------|-----------|--------------------|-----------|
| | Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost |
| 1/4" | RE500 | \$0.07 | RE600 | \$0.12 | RE852 | \$0.03 |
| 1/4" | RE501 | .07 | RE601 | .13 | RE853 | .03 |
| 1/4" | RE502 | .08 | RE602 | .15 | RE854 | .04 |
| 1/4" | RE503 | .08 | RE603 | .19 | RE855 | .06 |
| 1/2" | RE504 | .10 | RE604 | .24 | | |
| 1/2" | RE505 | .11 | RE605 | .27 | RE856 | .07 |
| | | | | | RE857 | .08 |



| Tube Size | Double End Flare Union | | 3-Way Flare Tee | | Double Flare Tube Elbow | |
|-----------|------------------------|-----------|-----------------|-----------|-------------------------|-----------|
| | Stock No. | Your Cost | Stock No. | Your Cost | Stock No. | Your Cost |
| 1/4" | RE520 | .06 | RE737 | .12 1/2 | RE660 | .07 1/2 |
| 1/4" | RE521 | .06 | RE738 | .14 1/2 | RE661 | .10 |
| 1/4" | RE522 | .08 | RE739 | .15 | RE662 | .11 |
| 1/4" | RE523 | .10 | RE740 | .18 | RE663 | .15 |
| 1/4" | RE524 | .13 | RE741 | .25 | RE664 | .22 |
| 1/4" | RE525 | .15 | RE742 | .28 | RE665 | .24 |

The Mueller Brass Co. are recognized pioneers in the manufacture of high class valves and fittings. Valve bodies, tees, nuts and elbows are of forged brass. Union couplings, etc., are machined from drawn brass rod. Forgings are made of dies under terrific pressure for extremely dense non-porous structure, thus eliminating seepage and the dangerous results of refrigerant leakage. All fittings conform to the standards of the Refrigeration Valve and Fitting Association as to thread tolerance, material specification, length, and size. Although we have listed practically every fitting usually called for, we have available many other types. If you do not see it listed here, do not hesitate to call on us.

15% discount in assortments of 100 Standard or Streamline Fittings. Group your orders and save.

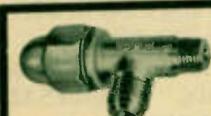
Copper Flare Gasket

| Stk. No. | Tube Size | Your Cost | Stock No. | Tube Size | Your Cost |
|----------|-----------|------------|-----------|-----------|------------|
| RE905 | 1/4" | \$0.01 1/2 | RE907 | 1/2" | \$0.02 1/2 |
| RE906 | 3/8" | .02 | RE908 | 3/8" | .03 |

Heavy Forged Reducing Flare Nut

| Stock No. | Tube Size | Your Cost | Per 100 |
|-----------|-----------------------------------|-----------|---------|
| RE510 | 1/4" S.A.E. drilled for 1/4" tube | \$0.11 | \$9.60 |
| RE511 | 1/2" S.A.E. drilled for 1/2" tube | .13 | 11.40 |

MUELLER Angle Valves



Packed Type

Flared tube side outlet angle valve with seal cap. Overall height 3 3/8".

| Stock No. | Side Outlet Tube Size | Bottom Inlet Male Pipe | Your Cost |
|-----------|-----------------------|------------------------|-----------|
| RE1501 | 1/4" | 1/4" | \$0.92 |
| RE1503 | 3/8" | 3/8" | .92 |
| RE1505 | 1/2" | 1/2" | 1.08 |

REFRIGERATOR PARTS

2% Cash Discount on ALL orders

Compressor Valves

MUELLER Back-Seating Compressor Valves



Exposed Type Stem

Flat faced flange, 1/2" thick. Bolt holes drilled 3/8" dia. on 1 1/4" centers. Overall length 4 1/2". Stem square 1/4". 1/2" female pipe gauge tap.

| Stock No. | Mueller No. | Flare Conn. Tube Size | Your Cost, Each |
|-----------|-------------|-----------------------|-----------------|
| RE1601 | A-11034 | 1/2" | \$1.40 |
| RE1603 | A-11035 | 3/8" | |
| RE1605 | A-11016 | 1/2" | |
| RE1621 | A-11143 | 1/2" | |

Flat faced flange, 1/2" thick. Bolt holes drilled 3/8" dia. on 1 1/4" centers. Overall length 3 1/2". Stem square 1/4". 1/2" female pipe gauge tap.

| Stock No. | Mueller No. | Your Cost, Each |
|-----------|-------------|-----------------|
| RE1621 | A-11143 | \$1.12 |
| RE1623 | A-11144 | |

Flat faced flange, 1/2" thick. Bolt holes drilled 3/8" dia. on 1 1/4" centers. Overall length 4 1/2". Stem square 1/4". 1/2" female pipe gauge tap.

| Stock No. | Mueller No. | Your Cost, Each |
|-----------|-------------|-----------------|
| RE1631 | A-11032 | \$1.40 |
| RE1633 | A-11012 | |
| RE1635 | A-11011 | |

| Stock No. | Mueller No. | Your Cost |
|-----------|-------------|---------------|
| RE1638 | A-11033 | \$1.54 |



With Seal Cap

Flat faced flange, 1/2" thick. Bolt holes drilled 3/8" dia. on 1 1/4" centers. Overall length 3 1/2". Stem square 1/4". 1/2" female pipe gauge tap.

| Stock No. | Mueller No. | Flare Conn. Tube Size | Your Cost, Each |
|-----------|-------------|-----------------------|-----------------|
| RE1611 | A-11173 | 1/2" | \$1.15 |
| RE1613 | A-11176 | 3/8" | |

KEROTEST Compressor Valve with Exposed Type Stem



Flat faced flange 1/2" thick. Bolt holes drilled 3/8" diameter on 1 1/4" centers. Overall length 4 1/2". Stem square 1/4". 1/2" female pipe gauge tap.

| Stock No. | Kerotest No. | Flare Conn. Tube Size | Your Cost, Each |
|-----------|--------------|-----------------------|-----------------|
| RE2381 | 2291 | 1/2" | \$1.40 |
| RE2383 | 2293 | 3/8" | |
| RE2385 | 2295 | 1/2" | |

Bolt holes drilled 3/8" diameter on 1 1/4" centers when specified, at no extra charge.

KEROTEST Evaporator Valve



With Ammonia type gasket joint. Overall length 3 1/4"; stem square 1/4".

| Stock No. | Kerotest No. | Flare Conn. Tube Size | Your Cost |
|-----------|--------------|-----------------------|---------------|
| RE2511 | 2201 | 1/2" | \$1.25 |
| RE2513 | 2203 | 3/8" | |
| RE2515 | 2205 | 1/2" | |

1/4" Male Pipe Side Outlet



| Stock No. | Kerotest No. | Inlet | Your Cost |
|-----------|--------------|---------------------------|---------------|
| RE2521 | 2161 | 1/4" dia. 18 threads per" | \$1.03 |
| RE2522 | 2162 | 1/4" F.P.T. | 1.03 |

The above can be furnished electro-11n plated at .15 each additional.

MUELLER Evaporator Valve Strainers



Keep evaporator valves free from foreign matter. The fine mesh phosphor bronze screens prevent all solid matter from passing thru the liquid line to the evaporator valve. These strainers are good insurance against clogged evaporators. The four types shown here are designed to fit most refrigerators.



| | |
|---|------------|
| RE350—Your Cost | 31¢ |
| External screen; 1/4" S.A.E. x 1/4" M.P.T. | |
| RE352—Your Cost | 27¢ |
| External—extra long strainer; 1/4" S.A.E. x 1/4" M.P.T. | |
| RE354—Your Cost | 27¢ |
| External screen; 1/4" S.A.E. x 1/4" diameter. | |
| RE356—Your Cost | 31¢ |

MUELLER Stream Line Fittings
Fittings present a remarkable saving of time and labor assuring an absolutely tight connection stronger than the tube itself. After the tube and fitting have been cleaned and flux applied, the tube is slipped into the fitting. The gradual taper of the fitting forms a seal making it impossible for solder to flow through. The wire solder is fed through the convenient feed hole while the joint is uniformly heated with a torch. A bright ring of solder immediately shows around the end of the fitting and the job is done. You now have a perfect leak and vibration proof joint.

DRUM VALVES



A small service drum valve. Overall height 2". Tank connection 3/8" male taper pipe; outdoor connection 1/2" female pipe.

| Stock No. | Your Cost |
|-----------|---------------|
| RE-3000 | \$1.32 |

KEROTEST Small Service Drum Valve

Full open height 3 1/4". Stem square 1/4". Tank connection 3/8" male pipe. Outlet connection 1/2" female pipe. Type 812 is equipped with a fused metal safety plug which closes at 165°F.

| Stock No. | Kero. No. | Safety | Your Cost |
|-----------|-----------|--------|---------------|
| RE3003 | 811 | None | \$1.32 |
| RE3004 | 812 | 165°F. | 1.50 |

Tank Fitting

For adapting outlet connections of large gas drum valves for convenient use with copper tubing.

| Stock No. | Kero. No. | Tube Size | Your Cost Each Type |
|-----------|-----------|-----------|---------------------|
| RE3012 | K1-1 | 1/4" | 58¢ |
| RE3013 | K1-3 | 3/8" | |
| RE3014 | K1-5 | 1/2" | |

MUELLER STREAMLINE FITTINGS

Streamline Couplings



Copper to Copper

| Stock No. | Tube Size | Your Cost Each |
|-----------|---------------|----------------|
| RE1100 | 1/4" x 1/4" | 8¢ |
| RE1101 | 1/4" x 3/8" | |
| RE1102 | 1/4" x 1/2" | |
| RE1103 | 1/4" x 3/4" | |
| RE1104 | 1/4" x 1" | |
| RE1105 | 1/2" x 1/2" | |
| RE1106 | 1/2" x 3/4" | |
| RE1107 | 1/2" x 1" | |
| RE1108 | 1/2" x 1 1/4" | |
| RE1109 | 1/2" x 1 1/2" | |

Copper to Outside I. P. S.

| Stock No. | Tube Size | M.P.T. | Your Cost |
|-----------|-----------|--------|---------------|
| RE1130 | 1/4" | 1/4" | \$0.07 |
| RE1131 | 1/4" | 3/8" | .11 |
| RE1132 | 1/4" | 1/2" | .07 |
| RE1133 | 1/4" | 3/4" | .12 |
| RE1134 | 1/4" | 1" | .08 |
| RE1135 | 1/2" | 1/2" | .08 |
| RE1136 | 1/2" | 3/4" | .10 |
| RE1137 | 1/2" | 1" | .11 |

Copper to Inside I. P. S.

| Stock No. | Tube Size | F.P.T. | Your Cost |
|-----------|-----------|--------|---------------|
| RE1150 | 1/4" | 1/4" | \$0.11 |
| RE1151 | 1/4" | 3/8" | .11 |
| RE1152 | 1/4" | 1/2" | .12 |

Left Hand Pipe Thread

| | | | |
|--------|------|------|------------|
| RE1155 | 1/4" | 1/4" | .11 |
| RE1156 | 1/4" | 3/8" | .13 |

MUELLER streamline fittings for refrigeration, gas, oil, air and vacuum lines are vibration proof, leak proof. Have sealed connections without nuts or flares. For further description see above.

Streamline 90° Elbows



| Stock No. | Tube Size | Your Cost |
|-----------|-------------|---------------|
| RE1222 | 1/4" x 1/4" | \$0.11 |
| RE1223 | 1/4" x 3/8" | .13 |
| RE1224 | 1/4" x 1/2" | .13 |
| RE1225 | 1/4" x 3/4" | .13 |
| RE1226 | 1/4" x 1" | .17 |
| RE1227 | 1/2" x 1/2" | .17 |
| RE1228 | 1/2" x 3/4" | .17 |

Copper to Outside I. P. S.

| Stock No. | Tube Size | M.P.T. | Your Cost |
|-----------|-----------|--------|---------------|
| RE1245 | 1/4" | 1/4" | \$0.08 |
| RE1246 | 1/4" | 3/8" | .08 |
| RE1247 | 1/4" | 1/2" | .09 |
| RE1248 | 1/4" | 3/4" | .10 |
| RE1249 | 1/4" | 1" | .10 |
| RE1250 | 1/2" | 1/2" | .10 |
| RE1251 | 1/2" | 3/4" | .14 |
| RE1252 | 1/2" | 1" | .14 |

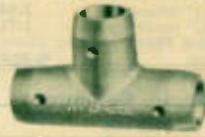
Copper to Inside I. P. S. Right Hand Thread

| Stock No. | Tube Size | F.P.T. | Your Cost |
|-----------|-----------|--------|---------------|
| RE1262 | 1/4" | 1/4" | \$0.11 |
| RE1263 | 1/4" | 3/8" | .14 |

Left Hand Thread

| | | | |
|--------|------|------|------------|
| RE1268 | 1/4" | 1/4" | .12 |
|--------|------|------|------------|

Streamline Tee



| Stock No. | Tube Size | Your Cost |
|-----------|----------------------|---------------|
| RE1170 | 1/4" x 1/4" x 1/4" | \$0.18 |
| RE1171 | 1/4" x 1/4" x 3/8" | .21 |
| RE1172 | 1/4" x 1/4" x 1/2" | .21 |
| RE1173 | 1/4" x 1/4" x 3/4" | .22 |
| RE1174 | 1/4" x 1/4" x 1" | .22 |
| RE1175 | 1/2" x 1/2" x 1/2" | .22 |
| RE1176 | 1/2" x 1/2" x 3/4" | .22 |
| RE1177 | 1/2" x 1/2" x 1" | .22 |
| RE1178 | 1/2" x 3/4" x 1/2" | .26 |
| RE1179 | 1/2" x 3/4" x 3/4" | .26 |
| RE1180 | 1/2" x 3/4" x 1" | .26 |
| RE1181 | 1/2" x 3/4" x 1 1/4" | .26 |
| RE1182 | 1/2" x 1" x 1/2" | .26 |
| RE1183 | 1/2" x 1" x 3/4" | .26 |
| RE1184 | 1/2" x 1" x 1" | .26 |
| RE1185 | 1/2" x 1" x 1 1/4" | .26 |

Copper to Copper to Outside I. P. S.

| Stock No. | Tube Size | M.P.T. | Your Cost |
|-----------|-----------|--------|---------------|
| RE1205 | 1/4" | 1/4" | \$0.31 |

Copper to Copper to Inside I. P. S.

| Stock No. | Tube Size | F.P.T. | Your Cost |
|-----------|-----------|--------|---------------|
| RE1208 | 1/4" | 1/4" | \$0.31 |
| RE1209 | 1/4" | 3/8" | .31 |

REFRIGERATOR PARTS

2% Cash Discount on ALL orders

Rubberized Door Seals



Made of No. 1 cotton wick covered overall with a strong rubberized fabric cover. Especially developed for refrigeration work. Odorless, will not mould nor will it be a source for fungus growth common in the life of light weight seals. Concealed edge with double stitch.

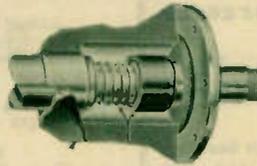
| Stock No. | White | Cush-ion | Per Ft. | Per 100 Ft. |
|-----------|--------|----------|---------|-------------|
| RE4231 | RE4201 | 1/2" | \$0.03 | \$1.75 |
| RE4232 | RE4202 | 3/4" | .03 | 1.85 |
| RE4235 | RE4205 | 1" | .04 | 2.05 |
| RE4233 | RE4203 | 1 1/4" | .04 | 2.15 |
| RE4236 | RE4206 | 1 1/2" | .04 | 2.90 |
| RE4237 | RE4207 | 1 3/4" | .05 | 3.15 |

Deduct 15% from 100 Ft. price when ordering 1000 feet or more.

NOTE

We can supply double cushion, low temperature and all rubber door gasketing in numerous shapes and sizes. A sample or a sketch giving dimensions are all we need to be able to quote on. The saving in purchasing long lengths should be given consideration in view of the fact that so much of this material is being used.

Rotary (COOKE) Replacement Seals



A standard replacement unit for the makes shown below. Consists of gland plate, gasket and rotary seal assembly. These units are exact replacements for the refrigerators specified.

| Stock No. | Refrigerator Shaft | Shaft Dia. | Your Cost, Each |
|------------------------------------|-------------------------|------------|-----------------|
| RE7250 | Kelvinator and Copeland | 1/2" | \$3.50 |
| RE7251 | Frigidaire | 3/8" | |
| RE7252 | Norge | 1/2" | |
| Any type— | | | \$3.00 |
| Lots of 12—Your Cost, Each | | | |
| Servel 1" Bearing, 3/4" Shaft Dia. | | | \$4.90 |
| RE7253—Your Cost | | | 4.20 |
| Lots of 12—Your Cost, Each | | | |

MAYSON Expansion Valves



A low priced expansion valve. Rugged and simple construction. Valve needle is stellite tip and seat made of stainless steel. For use with Sulphur Dioxide. The Methyl Chloride valves have Hastelloy Tip needles and Monel metal seats. Perfect alignment of the needle point at all times eliminates chatter or possibility of damage through rough or careless handling. Sensitive outside adjustment. Non-corrosive stainless steel springs contain in a forged brass body. The non-corrosive materials used throughout assure tight shut off and lasting operation. Supplied with 1/4" S.A.E. flared tube inlet.

| Stock No. | Outlet | Refrigerant | Your Cost, Each |
|----------------------|--------------------|-----------------|-----------------|
| REW100 | 1/2" Female I.P.T. | Sulphur Dioxide | \$3.20 |
| REW101 | 3/4" Female I.P.T. | Methyl Chloride | |
| REW102 | 1" Flange | Sulphur Dioxide | |
| REW103 | 1 1/4" Flange | Methyl Chloride | |
| Any type— | | | \$3.00 |
| In lots of six, each | | | |

FEDDERS Dehydrators



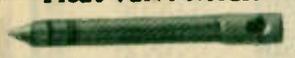
Consists of a brass cylinder with filter cells at each end and space between with a liberal charge of standard drying agent, if ordered charged. If supplied uncharged, one end cap is soldered to the body and the other end cap left unsoldered for easy insertion of drying agent. Uncharged dehydrators are supplied complete with filter cells. Both types can be easily disassembled for insertion of new drying agent.

| Small Size—Lgth. 4 1/4" Overall | Stock No. | Tube Size | Your Cost |
|--|-----------|------------------|------------|
| | RE3250 | 1/2" (charged) | \$1.75 |
| | RE3251 | 1/2" (uncharged) | 1.43 |
| Large Size—Lgth. 8 7/8" Overall | | | |
| | RE3253 | 3/4" (charged) | 2.48 |
| | RE3254 | 3/4" (uncharged) | 1.71 |
| Screen and filter pad for above dehydrators. | | | 28¢ |
| RE3255—Your Cost | | | |

Anhydrous Calcium Chloride

A high grade drying agent to be used in filling or refilling dehydrators. 1 lb. container. **65¢**

Float Valve Needle



Made of stainless steel shank and stellite tip of diamond point hardness, and is not subject to wear, corrosion or erosion.

| | |
|------------------------------|------------|
| RE7200—For Kelvinator units— | 50¢ |
| Part No. 9101— | |
| Your Cost | |
| RE7201—For Frigidaire Unit. | 50¢ |
| Part No. 96841. | |
| Your Cost | |



Cartridge type needle seat assembly for Fedders Float Valve. Can be used on Mullins, Norge and other types of flooded evaporators. Part No. ER-7875. **\$1.25**

RE7227—Your Cost.

FEDDERS Automatic Expansion Valve

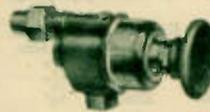


For all refrigerants except ammonia, carbon dioxide, range 20 inches vacuum to 15 lbs. pressure. Moisture proof, forged brass body. Length overall 3 1/2". Standard inlet 1/4" S.A.E. on valves. With 1/4" and 3/8" F.P.T. outlet any standard fittings may be used.

| Stock No. | Outlet | Your Cost |
|-----------|-------------|---------------|
| RE3325 | 1/4" F.P.T. | \$4.12 |
| RE3326 | 3/8" F.P.T. | |

| Replacement Parts for Fedders Automatic Valves | | Your Cost |
|--|--|------------|
| Needle and Collar Assembly | | 60¢ |
| RE3370—Your Cost | | |
| Needle Seat | | 35¢ |
| RE3371—Your Cost | | |
| Strainer | | 35¢ |
| RE3372—Your Cost | | |

"Genuine DETROIT" Automatic Expansion Valve No. 672



For sulphur dioxide, methyl chloride, ethyl chloride, freon or any refrigerant not detrimental to brass. Range: 25" vacuum to 15 lbs. pressure. Can be furnished with spring for higher pressure on special order. Soldered connections render valve gas tight. Moisture proof. Standard fittings may be used on valve with 1/4" F.P.T. to give other outlets.

| Stock No. | Outlet | Your Cost, Each |
|-----------------|------------------------------|-----------------|
| RE3380 | 3/8" S.A.E. | \$4.50 |
| RE3381 | 1/2" S.A.E. | |
| RE3382 | 3/4" F.P.T. | |
| RE3383 | 2" center crosswise flange | |
| RE3384 | 2" center lengthwise flange. | |
| Any type— | | |
| Your Cost, Each | | |



FEDDERS Line Filter

Provides an efficient trap for tube scale, compressor chips and other foreign matter which finds its way into the liquid refrigerant or oil. Construction consists of fine mesh phosphor bronze with a layer of heavy white felt between preventing solid matter from passing thru liquid line to float or expansion valve needles. Complete with forged flare nuts.

| Stock No. | Tube Size | Your Cost |
|--|-----------|---------------|
| RE3200 | 1/2" | \$1.18 |
| RE3201 | 3/4" | |
| Replacement filter pads for above. | | 10¢ |
| RE3205—Your Cost | | |
| Replacement filter screen for above filters. | | 6¢ |
| RE3206—Your Cost | | |

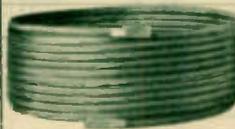
Liquid Line Scale Trap



Operating valve protection is assured by using this trap especially where maximum strainer area is required and where the refrigeration system contains an excessive quantity of chips and foreign matter. Supplied with heavy forged flared nuts and copper seal bonnets at no additional cost.

| | |
|-----------|------------|
| RE3218— | 84¢ |
| Your Cost | |

UNITED Dehydrated and Deoxidized Seamless Refrigeration Copper Tubing



U. D. D. Copper tubing is made of the very highest quality by special manufacturing process to meet the strict requirements of the refrigeration trade. Do not confuse this tubing with the unknown and general usage tubing on the market at lower prices. Every consideration such as even temper, cleanliness and dryness have been given this tubing in the process of construction.

You probably know the drastic results which result in the use of inferior tubing. Made to A.S.T.M. specification No. B-68-30T. Ends are sealed, stamped and soldered. Wall thickness, .035 gauge.

| Size O.D. | Wt. 20 Ft. Coils | Your Cost 20 Ft. | Wt. 50 Ft. Coils | Your Cost 50 Ft. |
|-----------|------------------|------------------|------------------|------------------|
| 1/4" | 76 lbs. | \$0.50 | 1.90 lbs. | \$1.20 |
| 3/8" | 1.30 lbs. | .64 | 3.25 lbs. | 1.56 |
| 1/2" | 1.84 lbs. | .86 | 4.72 lbs. | 2.15 |
| 3/4" | 2.38 lbs. | 1.08 | 5.45 lbs. | 2.46 |
| 1" | 2.90 lbs. | 1.28 | 7.25 lbs. | 3.17 |
| 1 1/4" | 3.42 lbs. | 1.50 | 8.53 lbs. | 3.78 |
| 1 1/2" | 3.96 lbs. | 1.68 | 9.90 lbs. | 3.79 |

Considerable savings are to be had in quantity purchases. Deduct: 10% in lots of 10-19 lbs.; 20% in lots of 20-49 lbs.; 25% in lots of 49-99 lbs.

NOTE

Due to the fluctuation of the market in Copper Prices, prices on copper tubing are subject to change without notice. We can supply for immediate delivery electro-tin outside, pure tin inside and outside copper tubing. Prices will be furnished on request. Sealed ends stamped and soldered. Seamless construction.

REFRIGERATOR PARTS

2% Cash Discount on ALL orders

TYPE F



Type FH

With 9 point cold control, overload switch and integral face plate. Recommended for use with motor up to 1/2 H.P. 110-220 volts A.C. FH and FV thermostats have smaller bodies than FDH and FDV. All FDH and FDV Thermostats are interchangeable with D and FF types.

Type FV

Any type—
Your Cost Each

\$4.00

| Stock No. | Type | Use | Lgth. Tubing | Range |
|-----------|------|--------------|--------------|------------|
| RE3472 | FH | Household | 42" | 15° to 30° |
| RE3474 | FDH | Household | 14" | 15° to 30° |
| RE3476 | FDH | Household | 24" | 15° to 30° |
| RE3478 | FDH | Household | 42" | 15° to 30° |
| RE3480 | FDH | Water Cooler | 14" | 42° to 49° |
| RE3481 | FDH | Water Cooler | 24" | 42° to 49° |
| RE3483 | FV | Water Cooler | 42" | 42° to 49° |
| RE3485 | FDV | Household | 14" | 15° to 30° |
| RE3487 | FDV | Household | 24" | 15° to 30° |
| RE3488 | FDV | Household | 42" | 15° to 30° |

Thermostats



Type R

Ranco Thermostats are the most widely used type of electric refrigeration control. All parts are corrosion proof. These units establish a new high in quality Thermostat controls. Ranco types R and RA—Electrical rating up to 1/2 H.P. A.C. motors.



Type RA

Type R (Non-adjustable)

| Stock No. | Type | Range Off | On | Your Cost |
|-----------|------|------------|------------|---------------|
| RE3435 | R0 | 28° | 33°F. | \$4.50 |
| RE3436 | R-12 | 174° | 24° | |
| RE3437 | R-12 | Same range | with screw | |

Type RA

(Adjustable 5 point cold control)

| Stock No. | Type | Range Pt. | Off | On | Your Cost |
|-----------|-------|------------|---------------|---------|---------------|
| RE3440 | RA-3 | 1 | 27° | 301° | \$4.50 |
| | | 5 | 22° | 29° | |
| RE3441 | RA-5 | 1 | 25° | 29° | |
| | | 5 | 20° | 27° | |
| RE3442 | RA-5 | Same range | with Copeland | attach. | |
| RE3443 | RA-6 | 1 | 24° | 28° | |
| | | 5 | 181° | 251° | |
| RE3444 | RA-8 | 1 | 23° | 27° | |
| | | 5 | 16° | 24° | |
| RE3445 | RA-10 | 1 | 20° | 26° | |
| | | 5 | 13° | 23° | |
| RE3446 | RA-12 | 1 | 171° | 24° | |
| | | 5 | 61° | 20° | |
| RE3447 | RA-12 | Same range | with Copeland | attach. | |
| RE3448 | RA-16 | 1 | 14° | 21° | |
| | | 5 | 41° | 18° | |

Clamps for above Thermostats for types R and RA.

RE3450—Your Cost **25¢**

TYPE FF



Type FFH



Type FFV

With cold control, overload switch, semi-automatic defrosting switch, and semi-automatic, quick freeze adjustment. Interchangeable with types D and FD. Suitable for motors up to 1 H.P. 110-220 Volts A.C.

Your Cost Each, Any Type **\$5.00**

| Stock No. | Type | Use | Lgth. Tubing | Range |
|-----------|------|-----------|--------------|--------------|
| RE3494 | FFV | Household | 16" | 14° to 28°F. |
| RE34500 | FFH | Household | 16" | 14° to 28°F. |

NOTE

- Types D, F and FF type thermostats will be supplied in the ranges specified in the catalog. Special ranges are subject to shipment from factory.
 - All orders must specify amperage for overload coils, otherwise we will supply 6 amp.
 - Types D, F and FF controls can be sold for replacement purposes only. Specify "For replacement purposes."
- Here is an opportunity for the refrigerator serviceman to make an additional sale, in view of the fact that most of the older refrigerators do not come equipped with these up-to-date Thermostatic controls. Ease in installation is another factor which should not be overlooked.

U. S. Compound Gauges



Can be used to indicate pressure and vacuum where the pressure medium is one that will not attack or corrode brass. The independent movement, free from the case is exposed to the circulation of cooling air, preventing heating and binding.

| Stock No. | Dia. | Vacuum Range | Pressure Range | Connection | Your Cost | |
|-----------|--------|--------------|----------------|-------------|-------------|------|
| RE3835 | 2" | 30" | 60 | | \$1.00 | |
| RE3836 | 2" | 30" | 60 | 1/4" M.P.T. | 1.05 | |
| RE3837 | 2 1/2" | 30" | 60 | 1/4" M.P.T. | | |
| RE3838 | 2 1/2" | 30" | 60 | 1/4" M.P.T. | | |
| RE3839 | 2 1/2" | 30" | 60 | 1/4" M.P.T. | | |
| RE3840 | 2 1/2" | 30" | 100 | 1/4" M.P.T. | | |
| RE3841 | 2 1/2" | 30" | 100 | 1/4" M.P.T. | | |
| RE3842 | 2 1/2" | 30" | 150 | 1/4" M.P.T. | | |
| RE3843 | 2 1/2" | 30" | 150 | 1/4" M.P.T. | | |
| RE3844 | 2 1/2" | 30" | 150 | 1/4" M.P.T. | | |
| RE3845 | 3" | 30" | 90 | 1/4" M.P.T. | | 1.25 |

Miscellaneous Parts

For Thermostats listed above.

| | | |
|--|-----------|------------|
| RE3513—Soldering type clamp for Type F and FF. | Your Cost | 25¢ |
| RE3514—Clamp-on type for F and FF. | Your Cost | 25¢ |
| RE3517—Extra heating coil for Type F, specify amperage. | Your Cost | 25¢ |
| RE3518—Extra Heating Coil for Type FF, specify amperage. | Your Cost | 25¢ |

U. S. Pressure Gauges



Widely used on refrigerators, oil burners, etc. Drawn steel case, celluloid crystal. Independent, non-corrosive movements, thoroughly seasoned springs. Has a range of 0-300 lbs.

| Stock No. | Dia. | Connection | Your Cost |
|-----------|--------|------------------|------------|
| RE3825 | 2" | 1/4" Female P.T. | \$0.75 |
| RE3826 | 2" | 1/4" Male P.T. | 85¢ |
| RE3827 | 2 1/2" | 1/4" Female P.T. | |
| RE3828 | 2 1/2" | 1/4" Male P.T. | |
| RE3829 | 2 1/2" | 1/4" Male P.T. | |

TAG Miniature Size Recording Thermometer

Simple in design and compact in construction. Entire temperature actuating mechanism is mounted on a small bracket. Bellows retain their elasticity, enabling recorder to register tens of thousands of alternate high and low temperatures accurately. Fixed pivot and long pen arm pivot spindle minimize bending effects, assuring a record at the exact center of the "time" lines of the chart. The pen draws a sharp clean line inviting precise reading. The charts are 4 1/2" in diameter, laid out for a pen travel of 1 1/2". Size of case 5 1/2" square, 4 1/2" deep. Made of aluminum castings painted ivy green with Jack Frost finish. 100 charts and bottle of ink included. Leather handle is attached. Non-breakable front.



| | | |
|---|-----------|----------------|
| RE3805—Tag No. 10100— | Your Cost | \$25.00 |
| Same as above but with 5 ft. of special flexible braided copper armored connecting tubing and 3/4" x 3 1/2" nickel-white copper bulb. | Your Cost | \$26.00 |
| RE3806—Tag No. 10102— | Your Cost | \$26.00 |

TAG Square-Case Dial Indicating Thermometer



Gives a quick accurate indication of temperature in food compartment or cooling unit. Holds its calibration under severe service conditions.

Can be checked at frequent intervals and adjusted easily. Indicating pointer is actuated by the motion of a bellows. Black crystallized flat bottom case 4x4x2 1/2". Non-breakable transparent front protects 3 1/2" black dial laid out in single degree divisions. Complete with 5 ft. special flexible braided copper armored connecting tube with rubber sleeve and 1/4"x3 1/2" nickel-white copper bulb.

| | | |
|---|----------------------------|----------------|
| RE3800—Tag No.—10050—0 to 50°F. range. | Your Cost Each Either Type | \$15.00 |
| RE3801—Tag No.—10151—-20 to +40°F. range. | | |

TAG Miniature Size Temperature and Time-Operation Recorder

Contained in a case the same size and finish as RE3805. Provided with two pens, one recording the running and idling time of the motor, the other recording temperature. Equipped with an electrically operated magnet suitable for 110 volts, 50 to 60 cycles continuous duty. Complete with 5 ft. of electric twin rubber covered cable and plugs, 100 charts and bottle of ink.



| | | |
|---|-----------|----------------|
| RE3808—Tag No. 10104— | Your Cost | \$45.00 |
| Same as above but with 5 ft. of special flexible braided copper armored connecting tubing and 1/4" x 3 1/2" nickel-white copper bulb. | Your Cost | \$46.00 |
| RE3809—Tag No. 10106— | Your Cost | \$46.00 |

REFRIGERATOR PARTS

2% Cash Discount on ALL orders

HORN'S Porcelain Patch

A white liquid cement which hardens with a body, color and lustre similar to porcelain or enameled iron. Repairs chipped parts like new, welds cracked seams in linings, cements name plates without drilling and when used as a gasket prevents rust runs. 2 oz. tubes.

- RE3986—Tube of light white.
 RE3987—Tube of medium white.
 RE3988—Tube of dark white.
Your Cost, Each **25¢**
 RE3985—Kit containing one tube each light, medium, and dark white.
Your Cost **75¢**

Seam Filler

- RE3990— $\frac{1}{2}$ lb. package of Hydrolene.
Your Cost **25¢**
 RE3991—2 lb. package of Hydrolene.
Your Cost **50¢**

Litharge

Unequaled for making a tight, permanent joint as for fittings in manifold tube, etc. 1 lb. container.
RE3965—Your Cost **22¢**

All Metal Flexible Charging Hose



Suitable for use with all refrigerants which have no corrosive action on brass. Spiral coil type hose of continuous seamless brass tubing protected by double-braided copper on outside. Outlet connection made of copper tubing which can be refired several times. Also replaced when necessary by soldering in a new piece.

- | Stock No. | Length | Your Cost |
|-----------|--------|-----------|
| RE3910 | 1 ft. | \$2.00 |
| RE3911 | 2 ft. | 3.10 |

Valve Stem Key

Made from forged tool steel with a $\frac{1}{8}$ " square drive at one end to fit the standard $\frac{1}{8}$ " ratchet wrench.

- | Stock No. | Size Square Opening | Your Cost |
|-----------|---------------------|------------|
| RE3730 | $\frac{1}{8}$ " | 25¢ |
| RE3731 | $\frac{1}{4}$ " | |
| RE3732 | $\frac{3}{8}$ " | |

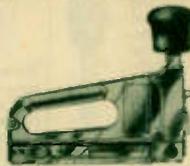
Packing Nut Key

Made from forged tool steel and provided with $\frac{1}{8}$ " square drive at one end to fit standard $\frac{1}{8}$ " ratchet wrench.
RE3735—Your Cost **30¢**

FREE

Ask for our **FRIGIDAIRE** Replacements parts Guide.

HELLER Automatic Tacking Machine



For attaching gasket to refrigerator doors. Rust proof and guaranteed for one year if Heller staples are used.

- RE3925—Your Cost** **\$7.50**
 Heller steel staples. Package of 5,000.
RE-3926—Your Cost **\$2.50**
 Heller copper tin-plated, rust proof staples. Package of 5,000.
RE3927—Your Cost **\$3.00**

Soldering Material

- Solder flux brush.
RE3955—Your Cost **15¢**
 Mueller No. 50 streamline solder 1 lb. spool.
RE3956—Your Cost **65¢**
 Mueller No. 50 non-corrosive streamline solder flux.

| Stock No. | Size | Your Cost |
|-----------|-----------|-----------|
| RE3957 | 2 oz. can | \$0.15 |
| RE3958 | 8 oz. can | .50 |
| RE3959 | 1 lb. can | .85 |

Official Refrigeration Service Manual



Servicing an electric refrigerator is absurdly simple once you get the "hang" of it. In this Refrigeration Manual every part is carefully explained; diagrams are furnished of every known machine; special care given to the servicing end. The tools needed are illustrated and explained; there are trouble shooting charts, and other service data. Over 1,200 diagrams; 450 pages; 9x12", flexible loose leaf cover.
RE19904—Your Cost **\$4.00**

Principles of Refrigeration

A Complete library on refrigeration. The work is in everyday language. With this book the practitioner is enabled to intelligently design or operate refrigerated machinery. The theoretical and fundamental operating principles are given attention first. This is followed by numerous practical considerations and the application of the fundamental principles to the economic production of ice and refrigeration for various purposes. Over 1,000 pages. Profusely illustrated in a cloth binding.
Your Cost **\$7.50**

Household Refrigeration

An enlarged fourth edition of the only book published on Domestic Refrigeration. Covers in detail the principles, types, construction and operation of domestic refrigerators and refrigeration. Contents include chapters on—Refrigeration Units and Theory—History and Principles of Refrigerating Systems: Domestic Ice Refrigerators—Refrigerators—Air Conditioning Commercial Systems—Miscellaneous Tables. This book is particularly suitable for students, engineers, and service men. Over 700 pages 6 $\frac{1}{2}$ x9 $\frac{1}{2}$ " in size, profusely illustrated.
Your Cost **\$4.00**

NOTE

We carry a complete stock of standard parts and equipment for the Refrigeration industry, such as, Household Evaporators, Commercial Evaporators, Automatic Expansion Valves, Thermostatic Expansion Valves, Filters and Dehydrators, Packless Valves, Gaskets, Door Gaskets, Dehydrated and Plain Copper Tubing, Valves and Fittings, Water Valves, Controls, Gauges, Brushes, Belts, Thermostats, Tools.

IMPERIAL TOOLS

Tube Cutter



Hand tool for cutting tubing, making a clean, fast, right angle cut without burrs or chips. Leaves tubing round ready for flaring. Has reamer on bottom.
RE3640 for tubing $\frac{1}{8}$ " to and including $\frac{3}{8}$ " outside diameter.
Your Cost **\$2.50**

- RE3641**—Similar to above but without reamer. For tubing $\frac{1}{8}$ " to and including $\frac{1}{2}$ " outside diameter.
Your Cost **\$3.50**
RE3643—Extra cutting wheels for above tube cutters.
Your Cost **\$0.25**
RE3644—Extra reamer blades for **RE3640**. **Your Cost** **\$0.25**
RE3645—Extra cutting wheel screws for **RE3640** and **RE3641**.
Your Cost **\$0.08**

Refacing Tool

Refaces seats of fittings and assures a tight leak proof joint. Reamer has 5 flutes which assure smooth cut and eliminates chattering. Takes adapters for 5 different sizes of couplings. $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ". Complete with adapter.
RE3680—Your Cost **\$4.50**
RE3681—Reamer only. **Your Cost** **\$3.25**
RE3682—Adapters only. Specify size. **Your Cost** **30¢**



Automatic Tube Cutter



Cuts copper, brass, block tin, and lead tubing. Makes right angle cut quickly and cleanly. By adjusting tension spring, cutter will feed automatically. For tubing $\frac{1}{8}$ " to and including $\frac{1}{2}$ " outside diameter.
RE3646—Your Cost **\$2.25**
 Extra cutting wheels for above.
RE3647—Your Cost **\$0.25**
 Extra cutting wheel screws for above.
RE3648—Your Cost **\$0.08**

Pinch-Off Tool



Will quickly pinch copper, brass and aluminum tubing so that no gas or liquid will pass sealed part of tubing. Disconnects the liquid or gas line while making repairs or installations without losing any of the refrigerant. Opens up the tubing when the unit is ready to operate. For tubing $\frac{1}{8}$ ", $\frac{1}{4}$ " and $\frac{3}{8}$ " outside diameter.
RE3625—Your Cost **\$1.85**
RE3626—Same as above but has hex head bolt instead of bolts with wing nuts. It does not have the extra extension of the bar.
Your Cost **\$1.25**

Tube Bender

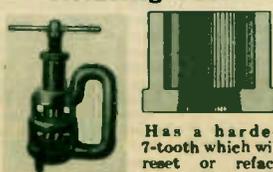


A specially prepared spring wire coil, cadmium plated to prevent rusting. With this it is a simple matter to bend tubing by hand to any desired shape without collapsing the tube. The belled end assures easy removal of tool after bend is made. Overall length of tube bender 7 $\frac{1}{2}$ ".

| Stock No. | Size Tubing | Your Cost |
|-----------|-----------------|-----------|
| RE3651 | $\frac{1}{8}$ " | \$0.35 |
| RE3652 | $\frac{1}{4}$ " | .40 |
| RE3653 | $\frac{3}{8}$ " | .45 |
| RE3654 | $\frac{1}{2}$ " | .50 |
| RE3655 | $\frac{5}{8}$ " | .55 |
| RE3656 | $\frac{3}{4}$ " | .60 |

Set of Six, 1 each of the above.
RE3650—Your Cost **\$2.75**

Reseating or Refacing Tool



Has a hardened 7-tooth which will reset or reface flared fitting ends that have become marred or scratched. Complete with one bushing of the following sizes: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{8}$ ", $\frac{1}{4}$ ". Specify size wanted.
RE3685—Your Cost **\$12.00**
 Bushing only. Specify size.
RE3686—Your Cost **\$0.95**

REFRIGERATOR PARTS

2% Cash Discount on ALL orders

Interstate Commerce Commission Regulations Regarding Refrigeration Cylinders

I.C.C. regulations specify that refrigerant cylinders must be officially tested every five years. If the test date on the drum (usually shown below serial number) is more than five years old, the drum must be tested by local authorities before being used for shipment. Cylinders will not be refilled if the test date is more than five years old.

REFRIGERANTS

"ANSUL" Methyl Chloride

Do not let price be your guide when purchasing refrigerants. Untold grief has very often been the result of using unknown makes. Ansul Methyl Chloride is stable and non-corrosive to most metals. Has low head pressure and high operating efficiency. Used in many types of units both commercial and domestic for almost all kinds of food and industrial refrigeration.

| Stock No. | Quantity | Deposit | Your Cost |
|-----------|----------|---------|-----------|
| RE4130 | 3 lbs. | \$3.50 | \$2.64 |
| RE4131 | 6 lbs. | 6.00 | 4.38 |
| RE4132 | 15 lbs. | 10.00 | 8.70 |
| RE4133 | 40 lbs. | 20.00 | 21.20 |
| RE4134 | 60 lbs. | 20.00 | 28.80 |

Ethyl Chloride

| Stock No. | Refills | Deposit | Your Cost Per lb. |
|-----------|------------|---------|-------------------|
| RE4140 | 1-10 lbs. | | \$0.75 |
| RE4141 | 11-25 lbs. | | .65 |
| RE4142 | 100 lbs. | \$30.00 | .30 |

"Ansul" Sulphur Dioxide

You cannot be careful enough in your choice of Sulphur Dioxide. This refrigerant which we supply is made by Ansul, one of the largest and oldest producers of the highest grade refrigerants. Do not be misled by lower price, inferior products. Scientifically dried through a four stage dehydrating system. Ansul contains the minimum of moisture, is free of any impurities and can be charged directly into a refrigerant unit. Every cylinder is individually analyzed for dryness and purity. All valves are cleaned and tested before each filling.

| Stock No. | Quantity | Deposit | Your Cost |
|-----------|----------|---------|-----------|
| RE4124 | 5 lbs. | \$3.50 | \$2.00 |
| RE4125 | 10 lbs. | 6.00 | 3.00 |
| RE4126 | 25 lbs. | 10.00 | 4.25 |
| RE4127 | 70 lbs. | 20.00 | 9.45 |

| Stock No. | Refills | Deposit | Your Cost |
|-----------|-------------|---------|-----------|
| RE4146 | 2 lbs. | \$3.50 | \$2.25 |
| RE4147 | 23 1/2 lbs. | 17.50 | 2.00 |
| RE4148 | 110 lbs. | 17.50 | 1.75 |

"Freezene" Refrigerator Oils

Waterwhite oils refined until free from impurities. Will not react with the refrigerant to form gum, carbon or sludge. Insure efficient operation when used with refrigerants such as sulphur dioxide, methyl chloride, and others. For small machines operating with sulphur dioxide as refrigerant.

| Stock No. | Quantity | Your Cost |
|-----------|----------|-----------|
| RE4160 | 1 Qt. | \$0.45 |
| RE4162 | 1 Gal. | 1.45 |
| RE4164 | 5 Gals. | 6.75 |
| Heavy | | |
| RE4161 | 1 Qt. | .50 |
| RE4163 | 1 Gal. | 1.55 |
| RE4165 | 5 Gals. | 7.25 |

Cartridge Type Gas Mask

Protection against organic and paint fumes, sulphur dioxide, methyl chloride, etc. Chemical cartridge with absorbent purifies incoming air. Flutter type exhalation valve permits natural easy breathing and will not clog or leak. Body of brass cadmium plated. All parts of this mask can be dismounted for cleaning. Supplied without goggles or with air tight rubber goggles attached. Furnished with one extra cartridge, complete in metal case.

REW—Less Goggles **\$5.00**
 Your Cost
 REW—With Goggles. Each, \$7.00
 REW—Cartridge only. Each, \$0.40
 RE3939—Pencil for cleaning lens.
 Your Cost .30.25
 When ordering Respirators or Cartridges, specify if for sulphur dioxide, methyl chloride or paint, organic or acid fumes.



Carbon Tetrachloride

Priced slightly higher than the ordinary grade of cleaner but this is the highest grade available. Used for cleaning compressors, refrigerator fittings, tubing, gas tanks, etc. Dissolves grease and oil quickly and thoroughly. One gallon cans.

RE3975—**\$2.25**
 Your Cost

Refrigerant Cylinders

Seamless steel. Bears I.C.C. stamp. Diameter 4". Length 12". Capacity 3 lbs. Methyl Chloride or 5 lbs. Sulphur Dioxide. Price complete with valve.

RE4060—**\$3.50**
 Your Cost

NOTE
 Note: Cylinders are accepted for credit if returned within 90 days from date of sale in good condition. Charges must be prepaid. Cylinder caps and valve outlet caps must be returned with empty cylinders, otherwise charge will be made for them.

TAYLOR Pocket Thermometer and Refills



These Etched-stem-Glass Thermometers are reliable. Heavy-wall glass in bulb and large diameter glass stem gives strength, large diameter capillary gives high visibility, firmly fastened in metal screw caps. Strong metal cases convenient to carry give perfect protection. Red Spirit-filled easy-reading thermometer with etched scale minus 30° to plus 120°F. especially adapted for use where visibility is poor. Complete with single case.

RE3882—**90¢**
 Your Cost
 Extra Red Spirit Refills only.

RE3884—**70¢**
 Your Cost
 Magnifying lens front, red reading mercury, double case.

RE3887—**\$1.35**
 Your Cost
 Magnifying lens front, red reading mercury, refill only.

RE3888—**90¢**
 Your Cost

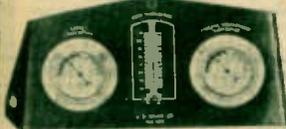
Small Motor Bushings

The genuine phosphor bronze bushings listed here are for service replacement on the electric motors most widely used for refrigerator, oil burner, and appliance work. Oil grooves are added to these bushings for two purposes, either to direct or restrict the oil flow. Both results should be accomplished with as little grooving as possible, so that the oil film which is built up by motion is not broken. The grooving on these units exactly duplicates that of the original. 10% discounts in lots of 12 or more.



| Stock No. | O.D. | I.D. | Length | H.P. | Type & Frame CENTURY | Your Cost |
|------------------|-------|-------|----------------|--------------|---|-----------|
| REL6 | H | H | 1 1/2 Fl. wick | 1/2 to 1/2 | RS, DM, M7X-M8X-L, SC SCS4-6, DM7-L 5.28 | |
| REL7 | 1 1/4 | 1 1/4 | 1 1/2 Fl. wick | 1/2 to 1/2 | RS, DM, M5-6, DM6, SP 86C | .24 |
| REL11 | 1 1/4 | H | 2 Fl. wick | 1/2 to 1 | RS, SC RS1, RM10LX AS1, SC1S P3-4, P32, RS3B | .36 |
| REL22 | 1 1/4 | H | 2 1/2 Fl. wick | 1/2 to 1 | RS | .42 |
| REL29 | H | H | 1 1/2 Fl. ring | 1/2 to 1/2 | RS, DM M5-6, DM6 | .30 |
| REL30 | 1 1/4 | H | 2 Fl. ring | 1/2 to 1 1/2 | RS, SC RM10LX | .53 |
| REL32 | 1 1/4 | H | 2 1/2 Fl. ring | 1/2 to 1 | RS | .60 |
| REL33 | 1 1/4 | 1 1/4 | 3 Fl. ring | 1/2 to 3 | SC, RS P6, PL6, SC3-4 | .90 |
| REL31 | H | H | 1 1/2 Fl. ring | 1/2 to 1/2 | RS | .38 |
| REL37 | 1 1/4 | 1 1/4 | 2 1/2 Fl. wick | 1/2 to 1/2 | RS RS4B | .53 |
| REL56 | H | 1 1/4 | 1 1/2 Fl. wick | 1/2 to 1/2 | SP S6C | .30 |
| DAY FAN | | | | | | |
| REL24 | 3/4 | 3/4 | 1 Fl. | 1 1/4 | AC BL447 | .30 |
| REL53 | 3/4 | 3/4 | 1 1/2 | 1/2 to 1/2 | DC DA47 | .40 |
| DELCO | | | | | | |
| REL2 | H | 3/4 | 1 1/2 Fl. | 1/2 to 1/2 | AC-DC 3105, 3168-9 | .28 |
| REL3 | H | H | 1 1/2 Fl. | 1/2 to 1/2 | DC-AC 3103-04-45-50 | .20 |
| | | | | | 60, 3411-12 | .28 |
| REL13 | H | 3/4 | H Fl. | 1/2 to 1/2 | DC-AC 3116-3140 | .26 |
| REL17 | 3/4 | 3/4 | 3/4 | 1/2 to 1/2 | DC-AC 3349-50, 3480, 3513-14, 3550-3705, 4060, 4089, 4125, 4135, 4258, 4294, 4300 | .21 |
| GENERAL ELECTRIC | | | | | | |
| REL5 | 3/4 | 3/4 | 1 1/2 | 1/2 to 1/2 | SA, SD, 149, 1145-47-RSA, RKT 49, 1445-47-49 | .20 |
| REL12 | 3/4 | 3/4 | 1 1/2 | 1/2 to 1/2 | SA 145, 147, 1135 | .20 |
| REL14 | 1 1/4 | 1 1/4 | 1 1/2 Fl. | 1/2 to 1 1/2 | M, K, 110-1-2, 521-6, RI, RL 530-1, 826-8 | .60 |
| REL38 | H | 3/4 | 1 1/2 Fl. | 1/2 to 1/2 | RSA From D-DA 1450-2450 | .34 |
| REL49 | 1 1/2 | 1 | 2 1/2 Fl. | 1/2 to 3 | KT, KQ, 121-2-3, 546-KS, RLCR 49-64-70 | 1.20 |
| REL52 | 1 1/2 | 3/4 | 1 1/2 Fl. | 1/2 | KT; Textile 112, 122 | 1.00 |
| REL48 | 1 1/4 | 3/4 | 1 H Fl. | 1/2 to 1/2 | RSA, RKT, SD 445, 65, 256 | .60 |

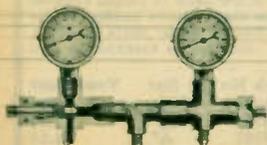
Portable Three Thermometer Panel



This device placed on top of refrigerator shows the temperature of coil box and room. No installation labor, no alteration to cabinet or drilling of holes.

RE3900—**\$7.00**
 Your Cost

Gauge Testing Outfit KEROTEST type 413



This outfit has a wide variety of uses such as—Purging air or gas from High Side; Charging oil in Low Side; Testing Low Side for Leaks; Setting Low Side Controls; Charging liquid gas in High Side; Charging gas into Low Side; Setting Expansion Valves; Purging gas from gauge lines, etc. All flared connections are for 1/4" O.D. Copper Tube.

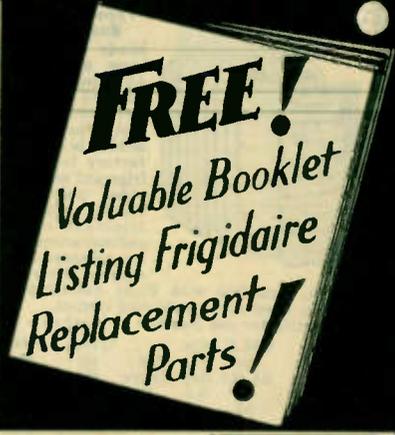
RE3880—less gauges **\$3.12**
 Your Cost,

FRIGIDAIRE EXACT DUPLICATE REPLACEMENT PARTS!

At last it has been made possible for those actively engaged in the refrigeration trade to obtain complete and accurate listings of all compressor parts for *Frigidaire* refrigerators.

These parts include: pistons, piston pins, piston rings, piston valve discs, flapper valves, connecting rods, eccentrics, eccentric shafts, bellows seal assemblies, flapper valve reeds, flapper valve springs and buttons, float valve needles, water valve stems, filter pads and screens, line valve connections, woodruff keys and all types of gaskets.

To simplify selection of proper parts, all material is listed in a handy ten-page booklet, in catalog form. Representative parts of each type are clearly illustrated to make identification easy. We are indeed happy to state that this helpful booklet is being offered absolutely FREE. It is only necessary that you write for your copy, clearly indicating your return address, and a copy will be sent to you by return mail.



NOTE

In addition to the Kelvinator and Copeland replacement gaskets shown above, we are also able to supply gaskets for the following: Refrigerators, Frigidaire, zero zone, Servel and Fedders.

OHIO Refrigerator Brush Kit No. 45

The materials from which these brushes are made are especially selected for refrigerator duty only. An application chart is supplied with each kit. This kit contains a total of 160 brushes comprised of 64 single brushes and 48 pairs—replacements for Delco Motors, Century Motors, Dayfan Motors, G. E. Motors, Nizer Motors and Wagner Motors.



\$25.00

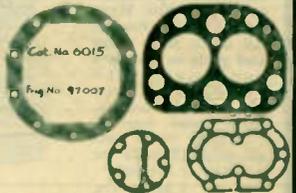
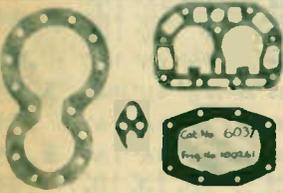
REW220—Your Cost

NOTE

We regret that we cannot list all of the motor brushes which we have in stock due to the large amount of space required. We can however furnish for immediate delivery brushes for the following motors: Century, Frigidaire, Emerson, General Electric, Leland, Wagner and Westinghouse.

Replacement Gaskets

The gaskets listed below for Copeland and Kelvinator refrigerators are made up to the exact specifications of the original manufacturer in every instance. This applies likewise to all of the gaskets which we stock for various makes of refrigerators. These unusually low prices are made possible by our tremendous quantity of purchases as well as the fact that we buy and sell only for cash. If your requirements call for quantities of over one hundred assorted gaskets of no more than ten different numbers, write in for special prices.



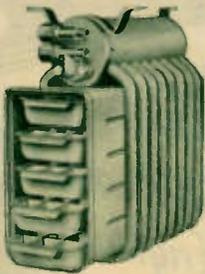
| Replacement Gaskets for KELVINATOR Units | | | |
|--|-----------|---|-----------|
| Stock No. | Kelv. No. | Description | Your Cost |
| RE6200 | 2044 | Service Valve Fitting and Strainer Assembly Gasket | 50.02 |
| RE6202 | 2046 | Valve Spring Plug Gasket for Expansion Valve | .02 |
| RE6210 | 2670 | Cooling Unit Suction and Liquid Service Valve Gasket for No. 3046 Service Valve Assembly | .02 |
| RE6215 | 3073 | Expansion Valve Cover Gasket | .03 |
| RE6218 | 3096 | Cylinder Head Gasket for Model S, F1-8, F10 on | .03 |
| RE6220 | 3140 | Crankcase Cover Gasket for Model J, D2, S, F18, F10 on | .03 |
| RE6224 | 3325 | Crankcase Cover Gasket for all Model B, LB, R | .05 |
| RE6226 | 3332 | Compressor Seal Gasket for all Model B, LB, R | .02 |
| RE6228 | 3334 | Compressor Base Gasket for Models BB, WB, F18, F10 on, all R | .05 |
| RE6230 | 3336 | Discharge Valve Plate and Cylinder Head Gasket for all Model LB | .04 |
| RE6231 | 3337 | Cylinder Head Gasket for Model BB, WB, Z3 on | .04 |
| RE6232 | 3338 | Discharge Valve Plate Gasket for Model BB, WB | .04 |
| RE6240 | 3622 | Compressor Base Gasket for Model L20-21, LM20 | .05 |
| RE6241 | 3623 | Compressor Base Gasket for all Model C | .05 |
| RE6250 | 4381 | Float Valve Gasket for No. 4390 Float Valve Assembly | .04 |
| RE6251 | 4382 | Service Valve Gasket | .02 |
| RE6285 | 6111 | Float Valve Gasket for Nos. 6118 and 6139 Float Valve Assembly | .06 |
| RE6300 | 7003 | High and Low Pressure Line Adapter Gasket for Model J10, S9-10, S18, F1 to 3, Suction Service Valve Gasket for all Model R, LB, B, F1 to 9, F10 to 35, F37 to 55, F65, E3 on (Asbestos) | .01 |
| RE6301 | 7003 | Same except material is lead | .03 |
| RE6315 | 7107 | High Pressure Control Line Adapter Gasket and Discharge and Suction Service Valve Gasket for all Model LB, B, Z3 on | .02 |

| Stock No. | Kelv. No. | Description | Your Cost |
|-----------|-----------|---|-----------|
| RE6355 | 9030 | Discharge Valve Plate Gasket for Model D, S, F1 to 8, F10 on | \$0.03 |
| RE6358 | 9035 | Base Gasket for Model S | .04 |
| RE6361 | 9038 | Cylinder Head Gasket for Model C10, 12 | .03 |
| RE6364 | 9041 | Valve Plate Gasket for Model C10, 11 | .03 |
| RE6370 | 9111 | Compressor Seal Gasket for Model J, D, S, M, F1 to 8, F10 on | .02 |
| RE6400 | 12515 | Compressor Base Gasket Model M (Midget) | .04 |
| RE6435 | 13663 | Cylinder Head Gasket | .04 |
| RE6453 | 13679 | Gasket | .07 |
| RE6460 | 19030 | Discharge Valve Plate and Cylinder Head Gasket for Model J, M (Midget) | .03 |
| RE6465 | 19035 | Base Gasket for Model J | .04 |
| RE6510 | 505139 | Suction Service Valve Gasket for all Model N, I, Z, Float Valve Suction Tube Assembly Gasket for No. 578579 | .02 |
| RE6515 | 505163 | Discharge Valve Plate Gasket (.003") for all Model N, 1 | .03 |

| Replacement Gaskets for COPELAND Units | | | |
|--|-----------|---|-----------|
| Stock No. | Cope. No. | Description | Your Cost |
| RE6600 | 102 | Cylinder Base Gasket for Model A, AM, A5, B, C, D, F, G, I, K, L, N, 1, 1L | \$0.04 |
| RE6605 | 111 | Crankcase Cover Gasket for Model A, AM, A5, B, C, D, F, G, H, I, IC-3, K, L, M, N, R, RW, 1, 1L, 2, 2L | .11 |
| RE6610 | 118 | Seal Cover Gasket for Model A, AM, A5, B, C, D, F, G, H, I, IC-3, IC-4, K, L, N, R, RW, 1, 1L, 2, 2L | .04 |
| RE6615 | 147 | Cylinder Head and Discharge Valve Plate Gasket for Model A, AM, A-5, B, C, D, F, G, I, K, L, N, 1L | .07 |
| RE6640 | 1008 | Gasket for use under Compressor Shut-off Valves having flat flange | .04 |
| RE6645 | 1013 | Gasket (Lead) for use under Compressor Shut-off Valves having grooved flange. Also for old style Expansion Valves | .04 |
| RE6665 | 3642 | Gasket | .04 |
| RE6680 | 7072 | Cylinder Head and Discharge Valve Plate Gasket for Model T, W, WA, X, XA | .07 |
| RE6690 | 7556 | Shut-off Valve Gasket for Model W, WA, X, XA | .03 |

REFRIGERATOR PARTS

2% Cash Discount on ALL orders



FEDDERS Type S Flooded Evaporators

Made entirely of brass and copper. All tubes are silver soldered to insure metal to metal contact. The float assembly is set at the factory for the refrigerant used. Provides positive oil return, foolproof refrigerant control and easy accessibility for adjustments or repairs. Silver satin

finish. Complete with Float Assembly and Trays. Does not include cold control. Specify for use Sulphur or Methyl.

| Stock No. | I.M.E. Per 24 Hr. | Cu. Ft. Box | No. Trays | Over-all Ht. | Your Cost Each |
|---|-------------------|-------------|-----------|--------------|----------------|
| RES-21 | 30 | 3.5 | 2 | 9" | \$11.52 |
| RES-25 | 36 | 4.5 | 3 | 10 1/2" | 12.75 |
| RES-29 | 40 | 5.5 | 4 | 12" | 13.83 |
| Trays, 9 3/4" x 1 1/2" x 1 1/2". Units with doors, 11 1/2" long, 6 1/2" wide. | | | | | |
| RES-22 | 36 | 4.5 | 2 | 8" | 12.21 |
| RES-27 | 44 | 6 | 3 | 10 1/2" | 13.48 |
| RES-32 | 48 | 6.5 | 4 | 12" | 14.95 |
| Trays, 11 1/4" x 1 1/2" x 1 1/2". Units with doors, 12 1/2" long, 6 1/2" wide. | | | | | |
| RES-31 | 54 | 7.5 | 3 | 10 1/2" | 13.49 |
| RES-36 | 56 | 10 | 5 | 13" | 17.03 |
| Trays, 13 1/2" x 1 1/2" x 1 1/2". Units without doors, 15 1/2" long, 6 1/2" wide. | | | | | |

FEDDERS Flooded Type L Series Evaporators

Equipped with 3/4" flared tube suction line and 1/2" flared tube liquid line. Have non-removable header. All units have trays and grids as standard equipment with chrome plated tray fronts. Does not include cold control. Complete with float assembly. Specify for Sulphur or Methyl.



| Stock No. | I.M.E. Per 24 Hr. | Cu. Ft. Box | No. Trays | Overall Height | Your Cost |
|-----------|-------------------|-------------|-----------|----------------|-----------|
| RE-L28 | 42 | 6 1/2 | 2 | 10 1/2" | \$14.85 |
| RE-L31 | 46 | 6 | 2 | 11" | 21.65 |
| RE-L43 | 64 | 10 1/2 | 2 | 11" | 22.14 |
| RE-L38 | 56 | 9 | 3 | 13 1/2" | 17.49 |

Hanger brackets furnished at extra charge.

FEDDERS Type FF Evaporators



A fast freezing continuous tube dry expansion domestic evaporators. The use of one continuous tube prevents any possibility of the unit becoming oil bound. The continuous tube construction of this unit causes faster freezing because the

trays are separated from the actual refrigerant and tray sleeves.

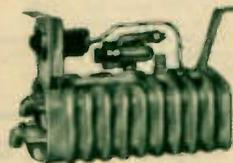
Prices include Fedders Automatic Expansion Valve.

| Stock No. | No. Trays | High | Width | Your Cost |
|-----------|-----------|---------|--------|-----------|
| RE-FF2 | 1 | 7 1/2" | 3 1/2" | \$12.60 |
| RE-FF3 | 2 | 10" | 4 1/2" | 14.65 |
| RE-FF4 | 3 | 12 1/2" | 4 1/2" | 16.63 |
| RE-FF5 | 4 | 14 1/2" | 4 1/2" | 18.76 |
| RE-FF6 | 5 | 16 1/2" | 4 1/2" | 20.94 |

*Freezing time based on test in 110°F. Room and Water poured in trays at 70°F. All trays at one time—Hours (All cubes in all trays completely frozen).

FEDDERS Prestalloy Domestic Evaporators

These dry expansion evaporators are made of a double walled shell with a copper tube pressed between them. In silver satin finish with chrome front plate. Steam cleaned, dried and dehydrated. Supplied with Fedders Automatic Valve and trays to fit, but without cold controls. 11 1/2" long, 7" wide.



Steam cleaned, dried and dehydrated. Supplied with Fedders Automatic Valve and trays to fit, but without cold controls. 11 1/2" long, 7" wide.

| Stock No. | Sq. Ft. No. Trays | I.M.E. Evp. Per 24 Hr. | Cu. Ft. Box | High | Your Cost Each |
|-----------|-------------------|------------------------|-------------|-----------|----------------|
| RE228T | 2 | 5.25 | 38.8 | 5 9" | \$14.39 |
| RE328T | 3 | 4.14 | 49.6 | 7 11 1/2" | 16.30 |
| RE428T | 4 | 5.02 | 58.8 | 9 13 1/2" | 18.34 |

Above prices include Fedders automatic expansion Valve and Trays but do not include a cold control.

Flexotrays



Flexible rubber ice trays of pure, tasteless amber-colored rubber, made to fit all makes and sizes of mechanical refrigerators. A Flexotray used to replace the grid in a metal tray makes possible quick and easy removal of ice cubes, as the ice will not stick to the rubber.

Measurements shown are the same, or slightly less, than inside top measurements of the metal tray.

| Stock No. | No. Cubes | Lgth. | Size Wth. | Hght. | Your Cost |
|-----------|-----------|-----------------|-----------|--------|-----------|
| RE750897 | 12 | 9 1/2" | 2 1/2" | 1 1/2" | \$0.90 |
| RE750898 | 15 | 7 1/2" | 4 1/2" | 1 1/2" | 1.05 |
| RE750899 | 18 | 9 1/2" | 4 1/2" | 1 1/2" | 1.20 |
| RE750900 | 21 | 11 1/2" | 4 1/2" | 1 1/2" | 1.35 |
| RE750901 | 24 | 12 1/2" | 4 1/2" | 1 1/2" | 1.50 |
| RE750903 | 28 | 9" | 5 1/2" | 1 1/2" | 1.65 |
| RE750904 | 28 | 9" | 5 1/2" | 1 1/2" | 1.80 |
| RE750937 | 24 | 8 1/2" | 3 1/2" | 2 1/2" | 1.95 |
| RE750938 | 24 | 10 1/2" | 3 1/2" | 2 1/2" | 2.10 |
| RE750939 | 21 | 10 1/2" | 4 1/2" | 1 1/2" | 2.25 |
| RE751042 | 21 | 8 1/2" | 4 1/2" | 1 1/2" | 2.40 |
| RE751043 | 27 | 11 1/2" | 4 1/2" | 1 1/2" | 2.55 |
| RE750905 | 9 | 5 1/2" | 3 1/2" | 1 1/2" | 2.70 |
| RE750906 | 10 | 7 1/2" | 3 1/2" | 1 1/2" | 2.85 |
| RE750907 | 12 | 9 1/2" | 3 1/2" | 1 1/2" | 3.00 |
| RE751604 | 12 | 9 1/2" | 3 1/2" | 1 1/2" | 3.15 |
| RE751117 | 18 | 8 1/2" | 3 1/2" | 1 1/2" | 3.30 |
| RE751118 | 21 | 10 1/2" | 3 1/2" | 1 1/2" | 3.45 |
| RE751035 | 28 | 9 1/2" | 4 1/2" | 4 1/2" | 3.60 |
| RE751037 | 21 | 10 1/2" | 4 1/2" | 1 1/2" | 3.75 |
| RE750921 | 18 | 9 1/2" | 4 1/2" | 1 1/2" | 3.90 |
| RE751078 | 24 | 12 1/2" | 4 1/2" | 1 1/2" | 4.05 |
| RE750908 | 21 | 9 1/2" | 3 1/2" | 1 1/2" | 4.20 |
| RE750909 | 27 | 12 1/2" | 3 1/2" | 1 1/2" | 4.35 |
| RE750919 | 21 | 9 1/2" | 3 1/2" | 1 1/2" | 4.50 |
| RE750915 | 12 | 9 1/2" | 2 1/2" | 1 1/2" | 4.65 |
| RE750918 | 21 | 10 1/2" | 4 1/2" | 1 1/2" | 4.80 |
| RE750999 | 21 | 11 1/2" | 3 1/2" | 1 1/2" | 4.95 |
| RE751416 | 21 | 12 1/2" | 3 1/2" | 1 1/2" | 5.10 |
| RE751607 | 21 | 11 1/2" | 4 1/2" | 1 1/2" | 5.25 |
| RE750914 | 32 | Re. 9 1/2" dia. | 1 1/2" | 1 1/2" | 5.40 |

Aluminum Ice Cube Trays

New Aluminum Silver Satin Anodic finish all aluminum ice cube trays with grids. Numbers RE8037 and RE8049 are double depth and are supplied with two grids and a dividing plate. We have listed the sizes most commonly used.



| Stock No. | No. Cubes | Overall Length | Width | Depth | Your Cost |
|-----------|-----------|----------------|--------|--------|-----------|
| RE8011 | 21 | 11 1/2" | 4 1/2" | 1 1/2" | \$0.80 |
| RE8013 | 21 | 13 1/2" | 4 1/2" | 1 1/2" | 0.90 |
| RE8004 | 18 | 9 1/2" | 4 1/2" | 1 1/2" | 1.00 |
| RE8040 | 42 | 11 1/2" | 4 1/2" | 2 1/2" | 1.10 |
| RE8006 | 28 | 10 1/2" | 5 1/2" | 1 1/2" | 1.20 |
| RE8037 | 56 | 10 1/2" | 5 1/2" | 3" | 1.30 |

Extra Special Heavy Copper Tinned Trays

| | | | | | |
|--------|----|-----|--------|--------|------|
| RE8065 | 12 | 10" | 3 1/2" | 1 1/2" | 1.40 |
|--------|----|-----|--------|--------|------|

Enamel Destructing Pans



Stainless white enamel finish. The sizes are most widely used for replacement.

| Stock No. | Size | Your Cost |
|-----------|-----------------------|-----------|
| RE8080 | 10"x8"x2" | \$0.20 |
| RE8081 | 12"x7 1/2"x2" | 0.30 |
| RE8082 | 14 1/2"x8 3/4"x2 1/2" | 0.40 |
| RE8083 | 16 3/4"x9 1/2"x2 1/2" | 0.50 |

GILMER MOULDED "V" BELTS

Gilmer refrigerator belts are built to fit. Their endless moulded rubber construction is a feature much to be desired. The sizes listed below have been selected inasmuch as they are standard for hundreds of refrigerator models on the market. By listing them in the manner below, we save you the trouble of going through long lists and specifications to find the belt you need. Simply check the size of your old belt and order from our listing. When ordering in lots of twenty-five or more, deduct 15%.

| Stock No. | Size Inside Circumference | Your Cost | Stock No. | Size Inside Circumference | Your Cost |
|-----------|---------------------------|-----------|-----------|---------------------------|-----------|
| RE5905 | 47 1/2" x 1 1/2" | \$0.84 | RE5691 | 64 1/2" x 1 1/2" | \$0.84 |
| RE4365 | 34 1/2" x 1 1/2" | .61 | RE5692 | 53 1/2" x 1 1/2" | .83 |
| RE5076 | 44 1/2" x 1 1/2" | .88 | RE5742 | 32 1/2" x 1 1/2" | .51 |
| RE4340 | 31 1/2" x 1 1/2" | .55 | RE5765 | 34 1/2" x 1 1/2" | .57 |
| RE5090 | 46 1/2" x 1 1/2" | .83 | RE5766 | 35 1/2" x 1 1/2" | .57 |
| RE5114 | 42 1/2" x 1 1/2" | .91 | RE5771 | 40 1/2" x 1 1/2" | .43 |
| RE3380 | 36 1/2" x 1 1/2" | .49 | RE5779 | 37 1/2" x 1 1/2" | .61 |
| RE5143 | 48 1/2" x 1 1/2" | 1.02 | RE5781 | 39 1/2" x 1 1/2" | .64 |
| RE5148 | 47 1/2" x 1 1/2" | .91 | RE5747 | 43 1/2" x 1 1/2" | .81 |
| RE5211 | 44 1/2" x 1 1/2" | .81 | RE5802 | 34 1/2" x 1 1/2" | .48 |
| RE5261 | 37 1/2" x 1 1/2" | .51 | RE5804 | 36 1/2" x 1 1/2" | .49 |
| RE5300 | 39 1/2" x 1 1/2" | .43 | RE5808 | 37 1/2" x 1 1/2" | .59 |
| RE5303 | 33 1/2" x 1 1/2" | .59 | RE5811 | 32 1/2" x 1 1/2" | .89 |
| RE5309 | 45 1/2" x 1 1/2" | .72 | RE5837 | 58 1/2" x 1 1/2" | 1.00 |
| RE5316 | 74 1/2" x 1 1/2" | 1.58 | RE5843 | 31 1/2" x 1 1/2" | .32 |
| RE5390 | 67 1/2" x 1 1/2" | 1.11 | RE5858 | 52 1/2" x 1 1/2" | .72 |
| RE5582 | 57 1/2" x 1 1/2" | 1.11 | RE5859 | 58 1/2" x 1 1/2" | .72 |
| RE3650 | 63 1/2" x 1 1/2" | .79 | RE5860 | 44 1/2" x 1 1/2" | .43 |
| RE5412 | 68 1/2" x 1 1/2" | 1.70 | RE5863 | 43 1/2" x 1 1/2" | .43 |
| RE5441 | 39 1/2" x 1 1/2" | .84 | RE5864 | 41 1/2" x 1 1/2" | .43 |
| RE5582 | 57 1/2" x 1 1/2" | 1.11 | RE5895 | 37 1/2" x 1 1/2" | .36 |
| RE5683 | 65 1/2" x 1 1/2" | .98 | RE5896 | 38 1/2" x 1 1/2" | .40 |

| Chrome Plated Tray Fronts | |
|---|-----|
| RE8070—6 1/2" long, 2 1/2" wide, 3 3/4" bolt centers. | 43¢ |
| RE8071—6 1/2" long, 2 1/2" wide, 3 1/4" bolt centers. | 35¢ |



Household **NEEDS!**

G. E. SIMPLEX COFFEE MAKER BREWS GOOD COFFEE

For a delicious cup of coffee use the Simplex Coffee Maker. No guessing, no maybe's. Employs the popular Vacuum Drip principle of brewing which brings out the rich flavor of the coffee, retaining the essential oils of the coffee bean. Just pour water in the lower container and coffee in the upper container, turn current on and when water begins to boil it is forced into the upper compartment. The brewed mixture then filters into the lower container, from which it is served. Bowls are made of high temperature glass, guaranteed against breakage from heat. Lower bowl furnished with black metal handle. Chromeplate fittings. Porcelain brick unit. Complete with silk cord and plug set. Shpg. wt., 5½ lbs.

XV18115—Six cup size.

Your Cost.....

\$4.75

XV18116—8 Cup Size.

Your Cost.....

\$4.95



HANDY CLEANER AND DEODORIZER

so hard to get at places. Cleans mattresses, hair carpets, drapes, etc. Deodorizer Set repels insects and banishes odors. Shpg. wt., 9 lbs.

XV17780—Handy Cleaner, less Deodorizer Set.

\$11.75

Your Cost.....

XV17781—Deodorizer Set only. Your Cost.....

85¢



G. E. ELECTRIC RAZOR BLADE SHARPENER

Puts a keen new edge on used blades. Just place blade in position, close lid, and sharpener starts immediately and stops automatically when blade is sharpened. In black lacquered metal case. For 105-125 volts AC. Comes with 6-ft. cord and plug. Shpg. wt., 3 lbs.

XV18115—

Your Cost.....

\$6.25



G. E. HOTPOINT ELECTRIC MIXER

Mixes, beats, whips, stirs and chops foods. Has powerful 3-speed motor provided with tilt-back neck. Comes complete with two Pyrex bowls, double beater, drink mixer, juice extractor, extractor bowl and oil dropper. Finished in Green baked enamel. Easy to assemble. Shpg. wt., 18 lbs.

XV18342—

Your Cost.....

\$16.45



G. E. NEW HOSTESS

Popular kitchen clock. Has self-starting synchronous motor, for use on 105-125 volts, 60 cycles AC current. Housed in attractive Beetleware case, finished in Ivory or Green. Size 7½" base, 2¼" deep. Specify color desired. Shpg. wt., 3 lbs.

XV18081—Your Cost.....

\$3.95

G. E. A-C-MATIC IRON

Fully automatic. Provides even ironing temperature rate for all types of material. Has Button Saving Nooks, Heel Stand, Thumb Rest and long life Calrod element. 6 lb. iron. Finished in Chromeplate. For 115-125 volts AC only. Shpg. wt., 9 lbs.

XV18110—Your Cost.....

\$3.85

G. E. VACUUM CLEANER

Just what the housewife needs—a cleaner that gets all the dirt, and is extremely simple to operate. The powerful motor driven brush brings deep lying dirt to the surface, combs and freshens the rug pile. Has both front and rear wheels to facilitate operation. Air cooled motor requires no oiling. Adjustment crew provides correct nozzle height for all rugs. 7-blade fan provides powerful suction. Rubber bumpers protect furniture. Has pistol-grip handle with convenient switch. Shpg. wt., 30 lbs.

XV17782—

Your Cost.....

\$22.45



DETECTO "ACE" BATHROOM SCALE

Created in the modern manner—simple, dignified and beautiful. The "floating" rack brings the dial to a quick stop. Registers up to 300 lbs. Attractively finished in white, with black washable mat covering the platform. Guaranteed for five years. Shpg. wt., 10 lbs.

XV17745—Your Cost.....

\$3.45



COIFFURETTE HAIR DRYER

Dries your hair in a few minutes. Powerful motor-driven fan directs a current of warm or cold air. Motor weighs only 30 ozs. Finished in polished aluminum. Shpg. wt., 4 lbs.

XV18144—Your Cost.....

\$4.25



ELECTRIC HEATING PAD

Provides even heat in three ranges—Low, Medium, High, governed by switch. Wet-proof eider-down covering, linen sanitary cover. Shpg. wt., 3 lbs.

XV18345—

Your Cost.....

\$2.85



BOUDOIR IRON

For use when travelling. Made by Bersted. Weighs only 3 lbs. Has Nichrome long-life heating element. Complete with cord and plug. Shpg. wt., 4 lbs.

XV18145—

Your Cost.....

\$1.49

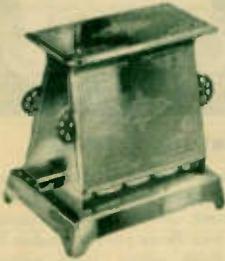
HOUSEHOLD LABOR SAVERS!

1935 TOASTMASTER AND HOSPITALITY TRAY

Needs no watching—the Flexible Clock times the toasting automatically and pops up the finished toast as soon as it is finished.

The new Hospitality Tray is of wood, treated to resist acids and alkalis. Finished in mahogany, sycamore or walnut. The cutting block, with trimming and sizing knife, is finished the same as the Tray. Includes crystal clear glass dish with five compartments.

XV18117—Complete Outfit, Two-Slice Toastmaster and Hospitality Tray. Shpg. wt., 12 lbs. **Your Cost \$16.80**



NATIONAL TOASTER

Turn-over type. Toasts two large slices at a time. Finished in bright chrome plate. Furnished complete with cord and plug set. Shpg. wt., 7 lbs. **XV18177—Your Cost \$2.25**



ELECTROMIX A HOUSEHOLD NECESSITY

A combination Whipper and Mixer in one. Eliminates the tiresome task of beating or mixing by hand. Detachable stainless beater cleans instantly. Mixing unit plugs into any electric outlet. Shpg. wt., 8 lbs. **XV18124—Your Cost \$1.15**

THE ROYAL "CULINAIRE"

The most powerful Mixer-Chopper-Beater on the market today. Silent 1/2 H.P. motor is mounted in base—no oil or grease can drip into the bowl. All attachments fit directly on the main drive shaft. Comes complete with special Lynite bowl, 2 large beaters and one bowl cover. Motor for operation on 100 to 120



volts, AC or DC. Motor use on special voltages supplied at an additional \$1.50. Shpg. wt., 19 lbs.

XV18195—Your Cost \$16.45
XV18196—Grinder and Chopper—Your Cost \$4.25

THE NEW GRILLETTE

A new and improved model of the famous Grillette that prepares your meal right at the table. Features include: Removable plates (makes for easy cleaning); a removable grease receptacle; new type cool handles. Unit is guaranteed for one year against burn-outs. Adjustable slide



with vertical catch permits toasting of "triple decker" sandwiches or thick steaks and chops. Available with either nickel plate or bright chromium finish. Size 10 1/2 x 5 3/4". Base 11 3/4 x 6 7/8". Shpg. wt., 8 lbs.

XV18126—Nickel Plated. Your Cost \$1.59
XV18127—Chrome Plated. Your Cost \$1.89



Two-Slice Toastmaster only. Shpg. wt., 7 lbs.

XV18108—Your Cost \$12.50

One-Slice Toastmaster only. Shpg. wt., 7 lbs.

XV18109—Your Cost \$8.60

"MIRACLE" AUTOMATIC TOASTER

The last word in automatic toasters. Has only six working parts—no clockwork mechanism. Simply place two slices in compartment, turn dial, and "Miracle" does the rest. Makes any degree of toast, light, medium or dark. Finished in chrome plate and rich black enamel. Switch cord included. Shpg. wt., 6 lbs. **XV18176—Your Cost \$6.95**



HAMILTON BEACH ELECTRIC MIXER

A portable mixer that every woman will want. Motor tips back so that beaters drain into bowl. Beaters are easily removed. Finished in ivory and black baked-on enamel. Cast iron base, chrome plated beaters. Complete with opaque glass extractor bowl, two ivory mixing bowls, sanitary juice extractor and single agitator for mixing drinks in glass. Shpg. wt., 24 lbs. **XV18275—Your Cost \$15.45**



SUNBEAM MIXMASTER

The best known of all Kitchen Mixers. Has powerful multi-speed motor. Does everything in the line of mixing and beating. Shpg. wt., 26 lbs. **XV18278—Your Cost \$16.45**

XV18128—Food Chopper attachment. Complete with power unit, food chopper, 2 vegetable and 1 meat knife. Shpg. wt., 5 lbs. **Your Cost \$4.75**

NATIONAL COFFEE-VAC COFFEE WITHOUT THAT METALLIC TASTE

The secret of the finest coffee that you can possibly make is the "controlled temperature" of the Coffee-Vac. It never boils... scientifically designed to brew coffee. Consists of six-cup Coffee-Vac with stove and cord set and chromium plated serving tray. Shpg. wt., 7 lbs. **XV18537—Your Cost \$4.75**



Some as above, but with 10-cup 6-Cup Coffee-Vac with Stove, but less tray. **Your Cost \$5.45** **XV18289—Your Cost \$3.45**

10-Cup Coffee-Vac with Stove, but less tray. Your Cost \$4.25



BERSTED WAFFLE IRON

A beautifully designed waffle iron finished in bright chrome plate. Has bakelite handles, 8 feet. Heat indicator mounted in front. Nichrome heating element cast aluminum grids. Wide flaring base catches overflow. Grid 7 1/2". Shpg. wt., 7 lbs. **XV18175—Your Cost \$3.25**

MECHANICAL TOYS

Hoge TOYS

for GIRLS and BOYS!



THE "STREAMLINE" TRAIN

An ultra-modern streamline train reproduced in beautiful chromium finish, and complete to the most minute detail. To see it is to want it. The set comprises three sections: a motor car, an observation car and a passenger car. The observation car has a built-in headlight and observation

AUTOMATIC BIRD TARGET



A popular shooting game for children or adults. Operated by a powerful spring motor. When bird is knocked down, another takes its place. Comes with 6 darts having rubber suction cups, and 2 steel guns. Target and motor of heavy steel. Shpg wt., 5 lbs.

XS17349—Your Cost **98¢**



THE FIRE CHIEF

Has automatic fire siren, rubber tires, real headlights (bright and dim). Of heavy gauge steel with red enamel finish. Nickel plated trimmings. Size, 14 1/4 x 5 5/4". Shpg. wt., 6 lbs.

XS17355—Your Cost **\$1.25**



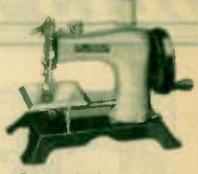
THE POLICE CHIEF

Siren shrieks when car is pulled or pushed along. Real headlights controlled by switch. Four rubber tires. Finished in two-tone green with nickel plated trimmings. Size, 14 1/4 x 5 5/4". Shpg. wt., 4 lbs.

XS17354—Your Cost **98¢**

"POPULAR" SEWING MACHINE

Has every miniature feature necessary for a practical machine—mainly thread tension control, rotary shuttle and stitch adjuster. Takes Singer No. 14 needle. Sews chain stitch. Comes complete with table clamp. Shpg. wt., 3 1/2 lbs.



XS17392—Your Cost **\$1.59**

"STANDARD" MACHINE

Just the thing for the little Miss for making dolls' clothes and small repairs. Has same features as the above, but is more solidly constructed and mounted on a one-piece base. Shpg. wt., 6 lbs.



XS17391—Your Cost **\$2.75**

"BUSY BETTY" WASHING MACHINE

It actually washes. Grown ups can use it to wash handkerchiefs and other small articles. Has double agitation. All metal parts nickel plated. Ringer on swivel. Size, 10" high, 5" in diam. Shpg. wt., 7 lbs.



XS17353—Your Cost **\$1.59**



STRUCTO TRUCK AND SHOVEL

Steam shovel can be turned to any position and set back or extended on truck platform or removed entirely. Solid rubber tires. Finished in red, green and orange. Size, 31 x 12 1/2 x 6". Shpg. wt., 12 lbs.

XS17387—Your Cost **\$1.75**



STRUCTO DUMP TRUCK

Exact copy of a real dump truck. Dumping action controlled by lever. Entire load completely dumped. Heavy steel electrically welded. Light green finished. Size, 19 1/2 x 6 1/4 x 6 1/4". Shpg. wt., 6 lbs.

XS17385—Your Cost **98¢**



STRUCTO FARM WAGON

Heavy electrically welded steel construction. Will support 170 lbs. Swinging tail gate—removable sides. Green enamel body, white truck. Will last a lifetime. Size, 19 1/2 x 6 1/4 x 6 1/4". Shpg. wt., 9 lbs.

XS17386—Your Cost **98¢**



STRUCTO WRECKING AUTO

Crane can be detached from body, converting the wrecking auto into a merchandise truck. V type windshield and nickel plated radiator. Heavy gauge steel finished in white enamel. Equipped with headlights and one battery. Electrically welded. Size, 23 x 8 1/2 x 6 1/4". Shpg. wt., 7 lbs.

XS17384—Your Cost **98¢**

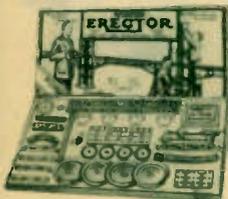
STRUCTO PUMPING FIRE ENGINE

Squirts long stream of water. Has large water tank with rubber air compression bulb. 25 inch base has solid brass nozzle. Two extension ladders. Red and green headlights. Finished red and orange enamel. Size, 36 x 6 1/4 x 6 1/4". Shpg. wt., 6 1/2 lbs.

XS17376—Your Cost **\$1.75**



ERECTOR SETS for BOYS!



No. 3 ERECTOR

Contains all parts necessary to build 75 models such as Ferris Wheel, Crane, etc. Instruction book included. Size, 18x10x3/4" Shpg. wt., 3 1/2 lbs. **X517347—Your Cost... \$1.50**

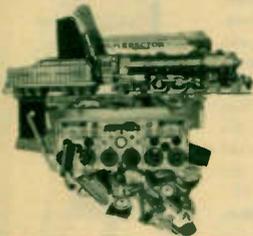
No. 4—Same as above, but with a powerful electric motor. Shpg. wt., 7 lbs. **X517345—Your Cost... \$2.95**



No. 6 ERECTOR

This set can build boiler models. Contains powerful electric motor which operates on house current. No batteries or transformer to buy. Gear box fully controls the models. Provides fascinating entertainment. Shpg. wt., 15 lbs.

X517348—Your Cost... \$4.45



No. 8 1/2 ERECTOR

The World's Champion. This model builds the giant 4-foot locomotive and tender, and 405 other models. Includes powerful electric motor. Instruction book included. Size, 29 1/4 x 10 3/4 x 5 1/2". Shpg. wt., 42 lbs.

X517342—Your Cost \$18.75



GILBERT KASTER KIT

Any boy can cast his own soldiers, sailors, Indians and other toys. Just plug into any electric outlet and built-in heating unit does the rest. Equipped with one mould, 8 metal pigs, all necessary tools, and instruction book. Shpg. wt., 12 lbs.

X517330—Your Cost... \$2.95



STEELBUILDER No. 1

For the little boy who shows mechanical inclination. This set contains girders, wheels and pulleys that can build over 100 different models such as Crane, Wagon, etc. Screw driver and all necessary nuts, bolts and washers included. Manual explains all operations in detail. Shpg. wt., 3 lbs.

X517350—Your Cost... 79¢

STEELBUILDER No. 3

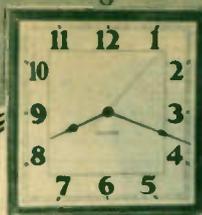
The Junior model. Has two trays packed with girders, shafts, wheels, pulleys, etc. Builds large models, that work like the real machines. All necessary nuts, bolts, washers and screwdriver are included. Manual gives detailed description of necessary operations. Packed in cellophane wrapped cardboard container 15x10 1/2 x 1 1/4". Shpg. wt. 5 lbs

X517351—Your Cost \$2.25

STEELBUILDER No. 5

For the older boys. Has four trays packed full of all the necessary shafts, pulleys, girders, mounting bases, etc., to build large working models of Steam Shovels, Ferris Wheels, and other popular machines. All hardware and a serviceable screwdriver included. Book of Models shows how to carry out the design of an unlimited number of models. In box 17x13 1/2 x 2 1/4". Shpg. wt., 9 lbs.

X517352—Your Cost... \$3.75

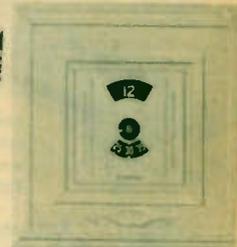


OFFICE CLOCK

For stores, schools, offices, etc. Walnut wood case. Numerals can be seen at a distance. Guaranteed for one year. For use on 110 volts, 60 cycles A.C. 15 1/4" square. Shpg. wt., 12 lbs.

XV18076—Your Cost \$3.95

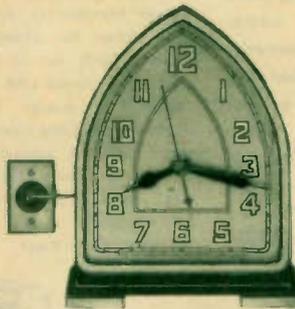
ELECTRIC CLOCKS



TIMEMETER KITCHEN MODEL

This shutter type model replaces the old dial and hands with large numerals which record time at a glance. Improved silent motor. In Ivory or Green wood case. 6 1/2" square. Shpg. wt., 4 lbs.

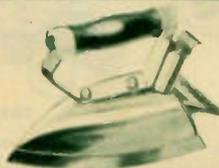
XV18029—Your Cost \$2.49



GOTHIC BOUDOIR CLOCK

Style plus quality at a low price! Finished in striking combination of black and nickel. Guaranteed De Luxe motor, for 110 volts, 66 cycles A.C. Size 3 3/4 x 3". Shpg. wt., 3 lbs.

XV18071—Your Cost \$1.20



"SUPERSTAR" IRON

A beautiful six-pound streamline iron with tapered point. Two-tone ebonized handle. Finished in bright chrome plate. Terminals fit all standard cord sets. Shpg. wt., 8 lbs.

XV18167—Your Cost \$1.28

STA-LITE AUTOMATIC LIGHTER

Just unscrew the cap, and when air strikes the element a flame arises. Works outdoors as well as indoors. For cigarettes, pipes and cigars. In metal case finished in Black, Green, Red or natural chrome.

XV18018—Your Cost

79¢

Sta-Lite Fluid, per can

25¢

"GOLDYLOCKS" TALKING DOLL

Little Miss Goldylocks is almost human. She stands 28" high, and is all dressed up in "party" clothes—socks, shoes, panties, slip, dress with lace collar, pink hair ribbon and gold hair-pins. She says "Mama" when she bends. Eyes close when she reclines. This little Miss will stand a lot of abuse without breaking. Shpg. wt., 10 lbs.

X517392—Your Cost... \$3.25



TOY BEAR

The baby bear of the Three Little Bears. All brown, with black nose and bead eyes. Has soft plush hide. Mounted on steel chassis with four rubber tired wheels. Comes complete with leatherette leash. Shpg. wt., 9 lbs.

X517393—Your Cost... \$2.98



"FUZZY-WUZZY" DOG

So natural you expect it to bark. It is life-size, measuring 17" high and 20" long. Brown with white face. Natural bead eyes. Mounted on steel chassis with four rubber tired wheels. Complete with leash. Shpg. wt., 9 lbs.

X517394—Your Cost... \$2.98



TOYS for BOYS!

REGISTERED TRADE MARK CHEMCRAFT THE CHEMICAL OUTFIT



CHEMCRAFT No. 10 MICROSCOPE OUTFIT

This outfit contains an assortment of 16 different chemicals specially selected for use with the microscope. Also contains slides, cover glasses, dehydrated specimens, watch glasses, dissecting instruments, magnifying glass, and a powerful Microscope that magnifies 150 diameters. Objects are seen clearly, without distortion or eyestrain. Packed in mahogany finished wood cabinet with complete instructions for observations and much interesting information. 18x12x3 1/4". Shpg. wt., 10 lbs.

\$7.95
XS17389—Your Cost.....

XS17389—Your Cost.....



CONNECTICUT DUPLX DELUXE WALL PHONES

Very easily installed. Will operate efficiently up to 1000 feet. Signals are loud and clear. Two, three or four phones may be connected in a circuit. Requires two No. 6 dry cells at each phone, or batteries may be located at one central point. Of heavy gauge metal finished in light green with nickel trim. Packed two in box with 100 feet of wire, staples and complete instructions. Shpg. wt., 6 lbs.

\$5.95
XM13345—Your Cost, per pair.....

XM13345—Your Cost, per pair.....

DUPLX JUNIOR WALL PHONES

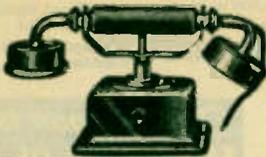
Similar to the Deluxe model, but with single bell. Finished in a light brown. Packed two in a box, with wire, staples and instructions. Shpg. wt., 5 lbs.

\$4.95
XM13346—Your Cost, per pair.....

FRENCH DUPLX CRADLE PHONES

These popular cradle type French phones have the same characteristics as the DeLuxe wall phones. Of heavy metal, finished in light green. Full instructions included. Shpg. wt., 8 lbs. List \$8.50.

\$5.95
XM13440—Your Cost.....



CATAPULT, AEROPLANE AND HANGAR

When lever is depressed, plane is shot out from 15 to 20 feet. Hangar grey with red and black trim; plane yellow with red wings. Size 12x6x8". Shpg. wt., 7 lbs.

\$2.10
XS17382—Your Cost.....



CHEMCRAFT No. 2

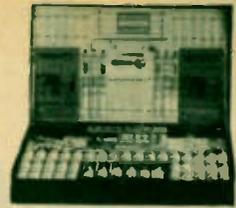
31 different chemicals and apparatus. Manual explains over 180 experiments. Shpg. wt., 3 lbs.
\$1.59
XS17358—Your Cost.....

CHEMCRAFT No. 3 1/2

41 chemicals and apparatus. Manual explains over 265 scientific experiments. Shpg. wt., 4 1/2 lbs.
\$2.75
XS17359—Your Cost.....

MICROSCOPE SET No. 6

Contains assortment of 16 chemicals and necessary slides, cover glasses, etc. Microscope magnifies 118 diameters without distortion. Book of instructions. Shpg. wt., 8 lbs.
\$4.75
XS17390—Your Cost.....



CHEMCRAFT No. 7 1/2

77 different chemicals packed in a leatherette case. Manual of instructions included. Shpg. wt., 9 lbs.
\$6.25
XS17341—Your Cost.....

CHEMCRAFT No. 10

Contains 105 different chemicals in mahogany finished wood cabinet. Manual included. Shpg. wt., 11 lbs.
\$7.95
XS17362—Your Cost.....

CHEMCRAFT No. 5

Practically an entire chemical laboratory. 68 different chemicals in sturdy wood cabinet. Manual explains use. Size 19 1/4 x 11 1/2 x 2 1/2". Shpg. wt., 7 lbs.
\$3.95
XS17360—Your Cost.....



AMERICAN FLYER TYPEWRITER

Operates like a real one. Has movable carriage, standard keyboard, and takes standard size paper. Shpg. wt., 4 lbs.
\$1.89
XS17388—Your Cost.....



ELECTRIC EXPRESS CRUISER

All metal, electrically driven and lighted. Four dry cells drive the boat for 15 miles and speed lever allows for 2 speeds forward, 2 reverse and neutral position. Enameled in ivory and green. With 4 batteries and bulb. Length 18". Shpg. wt., 9 lbs.

\$1.79
XS17322—Your Cost.....

"MICROPHONE SAM" THE DANCING ROBOT

Get acquainted with "Microphone Sam". He performs an appropriate jig in time with speech or music, and cannot fail to amuse and entertain. Outfit consists of a microphone, a vibrating unit with an "on-off" switch, four standard Eveready flashlight cells, and, of course, "Dancing Sam". You can talk, sing or whistle into the microphone, or you can place it near the radio loudspeaker. You can conceal the microphone and activate the dancer so that he appears to be able to think and obey orders. Can be assembled in a few minutes time without the need for any tools. Full instructions for use are included. Comes complete with four batteries. Shpg. wt., 4 lbs.

\$3.75
XM14504—Your Cost.....



BUILD-A-MOTOR

Every boy will enjoy building and using this powerful electric motor. Comes with pulley for driving toys, a grinding wheel and a buffer. Blueprint diagram furnished. Works on house current. Shpg. wt., 6 lbs.
\$1.49
XS17399—Your Cost.....





I WILL HELP YOU

START A SPARE TIME OR FULL TIME RADIO SERVICE BUSINESS WITHOUT CAPITAL

J. E. Smith
President
National
Radio
Institute

HERE ARE A FEW EXAMPLES OF THE KIND OF MONEY I TRAIN MY MEN TO MAKE

Clears \$4500 in 18 Months

"Before taking your Radio Course I was making \$18 a week. I came here three years ago. In about 18 months I made about \$4500 in Radio. I cannot say too much for the wonderful help I have received from N. R. I."

Noel W. Ray
619 Broad St.,
Gadsden, Alabama.



Spare Time Work Pays \$18 a Week

"I only do spare time Radio work and average \$18 a week. People who in good times would buy a new Radio, now have the old one fixed."

Stephen J. Drapchay,
407 Wunderlich Avenue,
Barberton, Ohio.



Now Owns His Own Business

"If I had not taken your Course I would be digging ditches instead of running my own business. One week I made \$75 on repairing alone, and this doesn't count sales. If a fellow wants to get into Radio, N. R. I. is the starting point."

R. S. Lewis,
Modern Radio Service,
Pittsfield, Ill.



You Get PRACTICAL EXPERIENCE

with Equipment I Give You

My Course is not all theory. I'll show you how to use my special Radio equipment for conducting experiments and building circuits which illustrate important principles used in such well-known sets as Westinghouse, General Electric, Philco, RCA, Victor, Majestic, and others. You work out with your own hands many of the things you read in our lesson books. This 50-50 method of training makes learning at home easy, interesting, fascinating, intensely practical. You learn how sets work, why they work, how to make them work when they are out of order.



The world-wide use of Radio sets for home entertainment has made many opportunities for you to have a spare time or full time Radio business of your own. I give you instructions early in your Training for doing 28 Radio jobs common in almost every neighborhood. Many N. R. I. men make \$5, \$10, \$15 a week extra in spare time while learning. I show you how to install and service all types of receiving sets. I give you Radio equipment and instructions for conducting experiments, for building circuits and testing equipment, and for making tests that will give you broad, practical Radio experience. Clip the coupon below and get my free 64-page book, "Rich Rewards in Radio"—it gives you a full story of the success of N. R. I. students and graduates, and tells how to start a spare time or full time Radio business on money made in spare time while learning.

Many N. R. I. Men Make \$5, \$10, \$15 a Week Extra in Spare Time While Learning

Many of the seventeen million sets now in use are less than 50% efficient. I will show you how to cash in on this condition. I will show you the plans and ideas that have enabled many others to make \$5, \$10, \$15 a week in spare time while learning. Ford R. Leary, 1633 Davison Road, Flint, Mich., wrote: "My part-time earnings while taking the N. R. I. Course were \$651."

Get Ready Now for a Radio Business of Your Own and for Jobs Like These

Broadcasting stations use engineers, operators, station managers, and pay up to \$5,000 a year. Radio manufacturers use testers, inspectors, foremen, engineers, servicemen and buyers and pay up to \$6,000 a year. Radio dealers and jobbers employ hundreds of servicemen, salesmen, managers, and pay up to \$5,000 a year.

FREE: RADIO SERVICING TIPS



Let me PROVE that my Course is clear, easy to understand and fascinating to study. Send the coupon for my reference book, "Trouble Shooting in D.C., A.C., and Battery Sets." This interesting lesson gives 132 ways to correct common Radio troubles. I am willing to send this book to prove that you too can muster Radio—just as thousands of other fellows have done. Many of them, without even a grammar school education, and no Radio or technical experience, have become Radio experts and now earn two or three times their former pay.

Radio operators on ships enjoy life, see the world, with board and lodging free, and get good pay besides. My book tells you of the opportunities in these fields, also in Aviation, Radio, Television, Police Radio, Short Wave Radio, Automobile Radio. Get it.

I Train You at Home in Your Spare Time

Hold your job until you're ready for another. Give me only part of your spare time. You do not need a high school or college education. Hundreds with only a common school education have won bigger pay through N. R. I. J. A. Vaughn jumped from \$35 to \$100 a week. J. E. McLaurine increased his earnings 100 per cent. The National Radio Institute is the Pioneer and World's Largest organization devoted exclusively to training men and young men by Home Study for good jobs in the Radio industry.

You Must Be Satisfied

I will give you an agreement to refund every penny of your money if you are not satisfied with my Lesson and Instruction Service when you complete my Training. And I'll not only give you thorough training in Radio principles, practical experience in building and servicing sets, but also Advanced Specialized Training in the type of Radio work you choose.

Get My Free Book of Facts

Mail the coupon for "Rich Rewards in Radio." It's free to any ambitious fellow over 15 years old. It tells you about Radio's spare time and full time opportunities; about my training; what others who have taken it are doing and making. Mail coupon now in an envelope, or paste it on a 1c post card.

J. E. SMITH
President
National Radio
Institute
Dept. 4MF3
Washington, D. C.



This Coupon is Good for One FREE COPY OF MY NEW BOOK

J. E. SMITH, President,
National Radio Institute,
Dept. 4MF3
Washington, D. C.

Dear Mr. Smith: Without obligation, send me the Service Manual and your free book about spare time and full time Radio opportunities, and how I can train for them at home in spare time. (Please print plainly.)

Name

Address

City

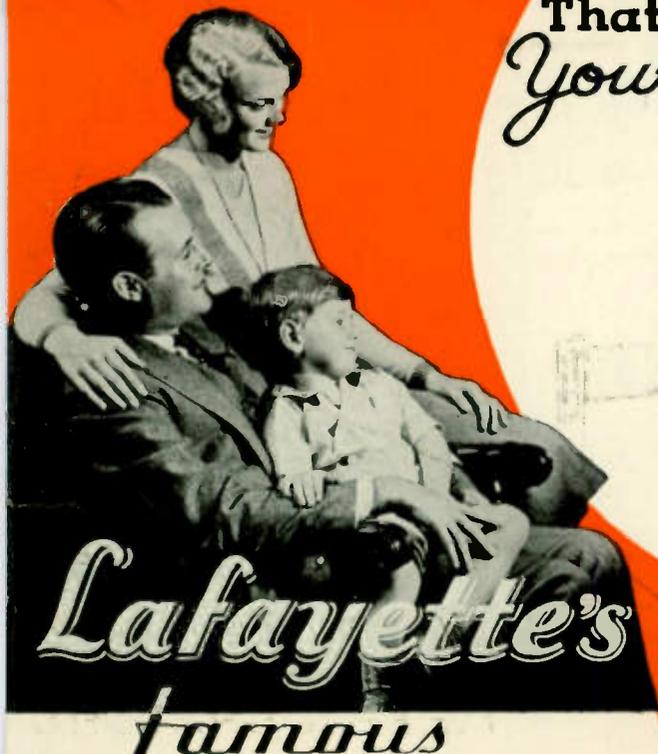
State



Find out about the World Famous Course that Pays for Itself

IN YOUR OWN HOME!

That's The Place To Select
Your Radio!



Lafayette's
famous

30 DAY ^{FREE} TRIAL OFFER!

Gives You One Full Month to Prove that
Lafayette is the set for you!

HOW often have you heard the claims "Finest in the world," "Will out-perform any set on the market," "Visit our dealer and convince yourself"? Promises, exaggerations, claims — that no radio set in the world could live up to.

The cautious radio purchaser tries to "buy safe" He does "visit the dealer" There he listens—very carefully—to a radio set. Naturally, the dealer has seen to it that the set is adjusted so that it will perform very satisfactorily in that particular location.

Mr. or Mrs. Radio Buyer listens to the set perform for a half hour—perhaps for even an hour—and if it sounds good the set is purchased. They fail to realize that the very same set may sound entirely different when it is installed in their own homes, because of a difference in atmospheric conditions, installation, etc. Or they don't stop to remember that the set which performs like a champion in the store may sound like a boiler factory in the home.

We don't ask you to take our word that a Lafayette will satisfy you! Instead, we give you an unequalled opportunity to test a Lafayette in the privacy of your own home for a full 30 days. Listen to it perform. Make it pull in every local station in your vicinity during the busy early evening hours. Then go after distance. Pull in far-away stations with the ease of locals.

Then, and then only, consider that you have purchased your Lafayette. If, however, for any reason whatsoever you do not care to keep your set—if you are not absolutely and completely satisfied — your money will be refunded **IN FULL**, without questions or arguments of any kind (less transportation charges).

That is the famous 30 day **FREE TRIAL OFFER** originated by LAFAYETTE. It is to the best of our knowledge and belief the most liberal trial offer ever made by a radio manufacturer. Only our unlimited confidence in the quality that has been built into every Lafayette Receiver makes it possible for us to make such a broad guarantee.

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PARTS

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of ELECTRIC
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