1937 Knight Radios Give You More for Your Money

 Guarantee.

Any KNIGHT Radio that does not satisfy completely, if returned within 10 days after purchase, will be promptly adjusted by exchange, repair, or full refund, less transportation charges. Furthermore every KNIGHT Radio is also covered by the Radio Manufacturers' Association Guarantee against defects in materials or workmanship over a period of three months from date of purchase.

- Allied Radio Corporation

Never Before Has Your Radio Dollar Been Able to Buy So Much

Today, KNIGHT Radios give you more for your money than ever before; more brilliant performance, finer tone, greater beauty, more exclusive features—features that you will find only in much higher priced sets. Every KNIGHT set is built of the finest materials by expert craftsmen. Only because of our vast resources and tremendous purchasing power are we able to offer these quality radios at such money-saving prices. Because we sell for cash, we eliminate the heavy overhead expenses involved in other more costly merchandising methods; these economies we pass on to you. Furthermore, KNIGHT Radios are backed by ALLIED'S long-standing reputation as "Radio's Most Reliable Supply House"—Every KNIGHT is fully covered by ALLIED's liberal guarantee.

Quality Is Built Into Each Knight Radio

No expense has been spared to make the new 1937 KNIGHT Radios the finest we have ever offered—their built-in quality is apparent at a glance. Each part has been carefully selected, matched, and pre-tested for durability and efficient performance. As each set comes off the production line, it is subjected to rigid tests for sensitivity, tone quality, and all-round performance. In addition, every KNIGHT Radio is licensed under R.C.A. and Hazeltine patents, so that you receive the full benefit of the newest engineering developments from these great laboratories.

ATTRACTION CABINET

The new Knight 5 Tube Dual-Wave A.C.-D.C. is offered in a graceful compact cabinet of latest design. Measures 6½" in depth, 12½" in width, and 8" in height. Front panel is of beautiful burl walnut; speaker grille has pleasing lyre-shaped effect. Compact, portable, the Knight A.C.-D.C. 5 may be played from any 110 volt line.

220 Volt Adapter

Permits the operation of the Knight A.C.-D.C. 5 on 216-230 Volts, 40-60 cycle A.C. or D.C.

$1165

With R.C.A. Tubes

$1165

Genuine R.C.A.
Tubes

Nearest Circuit
Plays Anywhere

TUNES TWO BANDS
Dynamic Speaker
Large Airplane Dial

This attractive new Knight 5 Tube A.C.-D.C. receiver receives two bands for enjoyable Short-Wave and standard Broadcast programs. Covers 58-132 meters for Police, Amateur, and Airplane calls, and 175 156 meters for strong standard Broadcast reception. The new R.C.A. and Hazeltine licensed T.E.F. circuit develops plenty of power, excellent sensitivity, and good selectivity. The large, easy-to-read 4½" illuminated airplane dial is designed for quick, accurate tuning on both bands. Pleasing tonal quality is obtained through a full-sized 5½" electro-dynamic speaker. A surprising amount of power is developed by the 43 Pedestal Power output tube; the other newest genuine R.C.A. tubes are employed as follows: 1-6J6 as R.F., 1-6L6 as Det., 1-6J5 as Rectifier, and 1-6G5 as voltage regulator. The Knight 5 Tube Dual-Wave A.C.-D.C. performs equally well on 105-190 volts A.C. or D.C. 50 to 60 cycles, or on 216-230 volts 40 to 60 cycles A.C. or D.C. with adapter listed below at left. Built-in voltage-regulator eliminates heater cord. May easily be carried from room to room and will play instantly wherever 110 volt current is available.

Set Complete

The Knight 5 Tube Dual-Wave A.C.-D.C. is offered complete in the handsome cabinet described at the left, with 1-6G6, 1-6G5, 1-6L6, and 1-6G6R, genuine R.C.A. tubes, and 1-6G5B. For operation on 110 volts A.C. or D.C. 40 to 60 cycles. Weight, § lbs. Code: PLAY.

A8865
Retail Value, $22.50.
Your Price

Outstanding Values in
The Knight 6 Tube Dual-Wave A.C.-D.C. Superhet is a smartly styled, sturdily built receiver, embodying refinements that make it equal in performance to many 7 and 8 tube sets of other makes. It tunes from 43 to 150 meters for excellent coverage of Short Wave Amateur, Police, and Aviation calls, as well as the popular 49 meter band for foreign stations; and from 175 to 550 meters for long distance standard American and Canadian Broadcast programs. Gives actual 3 band utility. Uses an easy-to-read 5¾” black airplane dial which is accurately calibrated in kilocycles and attractively illuminated. The heavy-duty 6” dynamic speaker handles the strong, full volume output without distortion so that every program is clearly heard, with rich, full tone.

THREE BAND UTILITY

The full tuning range of the Knight 6 A.C.-D.C. covers not only distant standard Broadcast stations and Short-Wave Amateur, Police, and Aircraft signals, but actually brings in foreign stations on the live 49 meter band. This gives you the advanced three-band reception and at an extremely low price. Other features are: Automatic volume control to stabilize volume level; Advanced R.D.A. and Hazeltine licensed superhet circuit with rubber-impregnated and 8 tuned circuits for maximum selectivity and sensitivity: newest multi-purpose tubes: 1-6A7 1st Det. and Osc., 1-6CD1 P.D., 1-6CD2 2nd Det., 1-6CQ1 1st Audio, 1-6CQ9 Pentode output, 1-252S Rectifier, and 1-49B Metal Ballast tube. The 252S is the ideal all-around A.C.-D.C. performer. It operates perfectly on 110 Volts A.C. or D.C., 40 or 60 cycles, and may also be used on 220 Volts with adapter listed below. Has plenty of controlled power and is extremely easy to tune. At our attractive price, this versatile receiver is one of today’s finest values.

The Knight 6 Tube Dual-Wave A.C.-D.C. 6 is delightfully housed in a modern lay-down cabinet of handsome design. Top and front panel are of one piece selected vertically-stripped grain walnut. Speaker grille and dial opening are in complete harmony of design and are finished in pleasantly contrasting darker tone. End panels are of selected red gumwood and recessed for installer effect. Cabinet measures 15½” wide, 9” high, and 7” deep.

SET COMPLETE

The Knight Dual Wave A.C.-D.C. 6 is offered complete with 1-6CD8, 1-6A7, 1-6CD1, 1-6CD2, 1-6CQ1, 1-6CQ9, and 1-49B Hazeltine tubes. For operation on 110 Volts, 40-60 cycles, A.C. or D.C. Code: BAND, Ship wt., 13½ lbs.

Set price: $15.45

YOUR PRICE: 220 VOLT ADAPTER

Permits the operation of the Knight Dual-Wave A.C.-D.C. 6 from 220 Volts A.C. or D.C.

A9145, List, $1.50. NET...

DEPENDABLE AC-DC RADIOS

220 VOLT ADAPTER

For operation of the Knight 6 A.C.-D.C. from 220 Volts A.C. or D.C.

A9145, List, $1.50. NET...

73c
The Knight 6 Tube A-C Superhet

The Knight 6 Tube All-Wave Superhet in laydown cabinet shown above. Complete with 6" speaker and Raytheon tubes. For 110 volts, 60 cycle. (Can also be supplied with universal power transformer for 115-130-150-220 volts at $6.00 additional.)

Shipped wt. 22 lbs.

Code: TELH

Retail Value: $49.55

A9845. YOUR PRICE

$25.45

- **ENJOYABLE WORLD-WIDE TUNING.** The Knight 6 offers full All-Wave tuning from 17-555 meters. 16 to 55 and 55 to 175 for Foreign short-wave and Amateur, Airplane, Police calls; 175 to 555 meters for powerful coast-to-coast American and Canadian standard Broadcast. Has oversize 6" three-colored, dual-illuminated airplane dial, accurately calibrated in kilocycles with individual color for each wave band. Features New Electric Eye built into the dial to assure precise, convenient tuning.

- **POWERFUL SUPERHET CIRCUIT.** Licensed by R. C. A.; has every deluxe feature: chassis is rubber-floated. Has 3-gang rubber-mounted tuning condenser, full A.C., pre-selector, continuously variable Tone Control, extra-large L.F. transformers, individual coils for each wave band, 11 tuned circuits. Six of the newest Raytheon multi-function tubes are used: 1-2A7 as Mixer and Osc. 1-6SJ7 as L.F., 1-6QT as Det.-1st Audio, 1-6B5 as Power Output, 1-80 as Rectifier. 1-6Q5 as Electric Eye.

- **GLORIOUS, RICH TONE.** The 6Q5 power tube develops full watts of undistorted power which is capably handled by the matched Jensen 6" electro-dynamic speaker in the table model and 12" speaker in the console. Whether voice or music, foreign or standard Broadcast, each sound is rich and full-bodied, recreating for you all the vitality and realism of the broadcasting studio. You’ll thrill to the superb tone quality of the Knight 6.

- **KEEN SELECTIVITY AND SENSITIVITY.** Are assured by careful designing and assembling. The preselector stage sharpens tuning and increases selectivity. Automatic Volume control maintains smooth, constant flow of sound; continuously variable Tone Control permits accommodation of treble or bass to suit individual tastes. A world of radio entertainment awaits you with this new Knight 6. It is a fine musical instrument, priced unbelievably low.

**BEAUTIFUL NEW CONSOLE MODEL**

The Knight All-Wave A-C 5 is also offered in the magnificent console shown at the right. Splendidly proportioned, it features newest taper and roll-top design with attractive shaped pilasters flanking a rich instrument panel of vertically striped walnut. Has contrasting brass feet and center strip with smart inlay trim. Hand-rubbed to handsome piano finish. Supplied with 12" dynamic speaker. Console measures 39 x 21 x 12".

Consoles complete with 12" speaker and 6 multi-purpose Raytheon tubes. Shipping weight, 85 lbs. For 110 volts 60 cycle A.C. (May also be had with transformer for 115-120-140-220 volts, 50 cycle A.C. at $2.00 additional.)

Code: FEED 985. YOUR PRICE

$33.95

- **3 FULL WAVE BANDS**
- **GIANT 6" DIAL**
- **"ELECTRIC EYE"**
- **ELECTRO-DYNAMIC SPEAKER**
- **EFFECTIVE A.V.C.**
- **VARIABLE TONE CONTROL**
- **3 WATTS OUTPUT**

**WORLD-WIDE: 17-555 METERS**
The Knight 7 Tube AC-D.C. Superhet is a brilliantly engineered receiver designed for sparkling All-Wave performance with superlative quality of tone. It makes use of the latest developments in radio to achieve unparalleled power, knife-edge selectivity and keen sensitivity. The table model is beautifully styled in a modern mold; it has the new roll-top effect, with front panel and top of one piece vertically-grained walnut. The striking beauty of this set is further enhanced by the smart marquetry inlay running through the speaker grille. The size is 10" x 16" x 10". The Knight A.C.-D.C. 7 is a full-sized set, yet it fits harmoniously on table, desk or mantel. Packed with the latest refinements, leading to advanced features, this Knight 7 Tube A.C.-D.C. All-Wave Superhet is a typical ALLIED value, featuring high quality and superb 110 Volt A.C. or D.C. performance at a remarkably low price.

- WORKS ON 110 VOLTS A.C. or D.C.
- TUNES 3 FULL BANDS
- FULL DYNAMIC SPEAKER
- AUTO. VOLUME CONTROL
- TONE CONTROL
- GIANT COLORED DIAL
- 10 TUNED CIRCUITS

**CONTINUOUS ALL-WAVE OPERATION:** Outstanding radio reception from everywhere is yours with the Knight All-Wave A.C.-D.C. 7. It tunes 17 to 52 and 52 to 175 meters for fascinating foreign and domestic short wave programs, and 172 to 555 meters for enjoyable American and Canadian standard broadcast reception.

**SPLENDID LIFE-LIKE TONE:** Full, rich tone is assured by the 6½" concert speaker in the table model and the oversized 8½" speaker in the console. Every tone, every note, is brought in with vibrant reality. The superb tonal beauty of the Knight 7 tube A.C.-D.C. reproduces all programs with matchless clarity in your own home.

**PRACTICAL VERSATILITY:** The Knight 7 will play anywhere. It performs equally well on either 110 Volts A.C. or D.C., 40 to 60 cycles. For 250 Volts A.C. or D.C. use line filter (optional).

**BEAUTIFUL TRI-COLOR DIAL:** An added feature is the attractively-colored, fully illuminated airplane dial. Individual coloring for each wave band and accurate, easy-to-read calibrations make tuning quick and enjoyable. The table model is equipped with a 6" dial; the console model with an 8½" dial.

**NEWEST RCA LICENSED CIRCUIT:** The Knight 7 A.C.-D.C. incorporates one of the most advanced superheterodyne circuits licensed by the famous RCA and Hazeltine laboratories. It uses 7 of the latest Raytheon tubes as follows: 1—RA7 as Oct. Dec., 1—6B9 as L.F., 1—70 at 2nd Det.-A.V.C., 1—6F5 as Audio, 1—4A3 as Power Output, 1—2525 as Rectifier, and 1—LA08 as BALLAST Tube. Other quality features are full A.V.C., continuously variable Tone Control, separate coils on each band, rubber-floating condenser, etc.

**7 TUBE AC-D.C. CONSOLE MODEL**

The Knight 7 Tube All-Wave A.C.-D.C. Superhet in console model is offered complete with 8" dynamic speaker and Raytheon Tubes. For operation on 110 Volts A.C. or D.C. 40 to 60 cycles. Shown wt. 55 lbs. Code: 1-KE.

A9806. Retail Value, $44.50. YOUR PRICE $31.95

**3 FULL BANDS:** 17-555 METERS

**EXPORT MODEL**

Same as A9806, but with meter range of 17 to 52, 52 to 175, and 172 to 555 meters. Code: TRIM.

A9806E. Net. $33.20

A9148, 220 Volt Adapter. For operating the Knight 7 tube A.C.-D.C. from 220 Volts A.C. or D.C. NET 73 s.
A SMASHING HIT!

NEW Knight II TUBE

R.C.A.
METAL TUBES

TUNES THE WORLD
- COVERS 16.4 TO 550 METERS
- WITH VISUAL ELECTRIC EYE
- NEW WAVE BAND INDICATOR
- "FLY-WHEEL" TUNING
- "TELL-TIME" DIAL SCALE

A new 11 Tube Knight A.C. Superhet. Packed with features—packed with value—radio's greatest buy in years—offered as a sensational "Leader" by ALLIED. This marvelous new Knight 11 Tube Superhet with metal tubes gives an altogether new and thrilling kind of radio reception, featuring easy tuning, three band world-wide coverage and high fidelity tonal reproduction. No other 11 tube radio has so many features at the price, so much quality and so much value. The Knight 11 Tube 3 Band Superhet should not be confused with receivers of "skimpy" design and construction. It is the one eleven tube set on the market that literally has everything.

TUNES 3 FULL BANDS. Brings you the world—international Short Wave programs on 16.4 to 55 meters—Short Wave, Amateur, Police, Aircraft and Ship channels on 35 to 180 meters, and powerful coast-to-coast American and Canadian standard Broadcast on 180 to 550 meters. Tuned powerfully, sharply, dependably.

NEW 11" MAGNA-SPAN DIAL. Radio's most amazing dial—with every new and exclusive device for simplified tuning—Electric Eye, visual Wave-Band Indicator, fly-wheel dialing, "tell-time" tuning, with minute-hand station selector, etc.

METAL TUBE CIRCUIT. Powerful, super-efficient—R.C.A. and Hazeltine licensed. Every tube works; every tube contributes to develop the amazing power, keen selectivity and high fidelity tone which is consistently evident in Knight 11 performance.

BEAUTIFUL CONSOLE. The Knight 11 is presented in a new rolled-top console with front and top of one piece vertically-striped walnut. Has attractive rounded, shaped pilasters and beautiful Roman-style shaped grilles. Style finds a new, rich expression in this gorgeous console. Dimensions: 38 1/2" high, 23 1/2" wide, 13 3/4" deep.

NEW VITA-TONE SPEAKER. Full giant 12 inch size. More sensitive, more powerful, more faithful—the secret of the full rich tone-depth of Knight 11 performance.

7 WATTS OUTPUT. The use of 2—6F6 metal tubes in a mighty power output stage, develops a pure undistorted output of seven watts, which is splendidly reflected in the flawless, rich tonal depth of the Knight 11.

MORE FEATURES. Full-action Automatic Volume Control; Continuously Variable Tone Control; 3 gang rubber-floated condensers; 16 tuned circuits; H.F. Pre-amplifier; 1 Mw. sensitivity; 8 K.C. selectivity, etc.

CONSOLE MODEL COMPLETE

The Knight 11 Tube, 3 Band Superhet is offered complete in the beautiful console cabinet illustrated, with full 12 inch Vita-Tone Dynamic Speaker and 1-XK7, 1-TQ4, 1-6H6, 2-6CC, 2-6E6, 1-5Z3 genuine R.C.A. Metal Tubes and 1-6G5 R.C.A. "Electric Eye" tube. For operation on 110 Volts, 60 cycles, A.C. Shipping wt., 75 lbs. Code: GOLD.

AbD54. Retail Value, $46.45. YOUR PRICE

EXPORT MODEL

The Knight 11 Console Model, as described above but with special universal transformer for operation on 115, 130, 150, 230, 250 Volts, 40-60 cycles. A.C. Shipping wt., 75 lbs. Code: KNOW.

AbD54E. Retail Value, $49.45. YOUR PRICE

$46.45

$49.45
WORLD-WIDE AC SUPERHET

EXCLUSIVE!

FIVE FEATURES

11" MAGNA-SPAN DIAL
- FULL A.V.C. • VARIABLE TONE CONTROL
- R.F. PRE-AMPLIFIER • 3 GANG CONDENSER
- 7 WATTS POWER OUTPUT • PHONO JACK
- 16 TUNED CIRCUITS • NEW METAL TUBES
- GIANT 12" VITA-TONE SPEAKER

The Knight 11 Tube, 3 Band A.C. Superhet with 11 inch Magna-Span Dial and Metal Tubes is a wonderful combination of value, beauty and power performance. Packed with more advantageous features than can be found in any other eleven tube set built today. The Knight 11 gives complete mastery of everything on the air. Tuned 16 to 45 meters and 55 to 180 meters for all foreign, Amateur, Aircraft, Police and Ship broadcasts. Tuned powerful standard for operation on 1150 and Canadian Broadcast between 180 and 550 meters. The Knight 11 is dependable and consistent because it embodies radio's finest tuning system, quality components and skilled workmanship. Never before in radio history has an 11 tube receiver of such superior quality been sold at so low a price.

A POWERFUL METAL TUBE CIRCUIT

The R.C.A. and Hazeltine vacuum tubes in the new Knight 11 Tube A.C. Superhet is a real revelation in vast power, exceptional sensitivity, and high fidelity tone. The latest generation of R.C. metal tubes in this circuit have been developed with exceptional efficiency as follows: 6K7 as R.F. Pre-Amp.; 6A8 as 1st Det.-O.C. 6K7 as 2nd I.F.; 6B6 as Diode Det. and A.C. 6C5 as phase inverter; 6C5 as 1st Audio; 2-6F6 as powerful push-pull power output stage. This colossal power is ably handled by the powerful tone-sensitive 12" Vita-Tone Speaker. The use of the new metal tubes increases sensitivity and gives better distance results, especially in the Short Wave channels; these tubes are perfectly silent and very quiet and stable in operation. They actually develop 13 tube efficiency by multi-focusing and by the heavy-duty 3 gang condenser, R.F. pre-amplifier and tuned circuits, assure uniformly powerful and dependable performance on each band. Full-automatic Wave-Select Volume Control means freedom from fading and distortion and the built-in Continuously Variable Tone Control permits the correct adjustment of tonal response to have the tone emphasis as desired. A phono jack is provided. All new and advantageous radio development has been incorporated in the circuit design of the Knight 11 to make it the finest eleven tube radio receiver ever offered.

K N I G H T 1 1 T U B E C H A R G E S S M O D E L

The Knight 11 Tube A.C. Superhet is offered also in de luxe chassis form. Supplied with giant 12" Vita-Tone Speaker. Complete with 3-6K7; 1-6A8, 1-6H0, 2-6C5, 3-6F6, 1-623 and 1-605 genuine R.C.A. tubes. For 110 Volts, 60 cycle A.C. Shipping wt. 38 lbs. Code: GAIN.

$35.95

RETAIL VALUE, $72.00

YOUR PRICE.

EXPORT MODEL

The Knight 11 Tube Chassis as described above, but with special universal transformer, for operation on 110, 120, 125 and 250 volts, 40-60 cycles, A.C. Shipping wt. 39 lbs.

$38.95

RETAIL VALUE, $77.50

YOUR PRICE.

NO OTHER RADIO OFFERS SO MUCH VALUE

FLYWHEEL TUNING

A marvelous new tuning feature which makes tuning the exact station tuning possible. Permits direct tuning knob to be turned fast or slow as desired. A simple action of the knob causes the spinning flywheel to rotate in the exact degree required. Just turn the knob and go. There’s no “beep” or “thump” when you’re tuned in wrong. A true flywheel dial tuning makes tuning so simple it’s fun. No need to learn. It reduces the time and effort required, making tuning so easy it’s fun. Another big Magna-Span dial feature is a constantly rotating cyclic dial which makes return to popular stations as easy as possible.

ELECTRIC TUNING EYE

Contributes to perfect visual station finding. The eye is enlarged as well as the ear. The "Easy Eye" is designed as a long stroke valve for the "Eye" tube in the dial, it is actually a cathode for which you are tuned in perfectly. This eye plays on the outside of the detector, and on the dial. It is a special eye that shows outward stations, which other eye digital indicators as if you have tuned into the station in perfect. The "Electric Eye" works effectively on all signals, weak or strong.

POWERFUL NEW VITA-TONE 12" SPEAKER

The chassis of the new Knight 11 A.C. Superhet is a masterpiece of quality radio building. It is constructed of the finest materials exclusively, and is built to exacting standards of performance. The chassis measures 19 3/4" long, 9" deep and 9 3/4" high. It is entirely rubber-mounted for stable operation. A 12" giant Vita-Tone Dynamic Speaker is included together with the 11" Magna-Span dial and escutcheon. There is no finer eleven tube radio chassis built today.

WAVE-BAND INDICATOR

An automatic wave-band indicator is incorporated in the exclusive Knight Magna-Span Dial. It shows the band in use at a glance and magnifies tuning system. The Magna-Span dial is always easy-to-tune and easy-to-read by clear-cut, clean, solid, pure tone of the waves. The four bands are arranged in order of size and are calibrated in kilocycles against all international standard frequencies. Wires and foreign rules are entirely transparent. The pilot light indicates and popular channels are marked for quick reference. The Knight 11 is the world’s fastest-to-tune radio.
3 FULL BANDS
The Knight 5 tunes 17 to 555 Meters for Foreign and Domestic Short Wave and 54 to 172 Meters for Police, aviation and amateur phone signals. 17 to 555 for all American and Canadian Standard Broadcast. Tunes everything that goes on the air.

6 INCH DIAL
Each band is individually colored and fully illuminated. The three scales — upper is calibrated in known broadcast band reception; two lower scales are calibrated in megacycles for tuning foreign and domestic Short Wave.

NEW METAL TUBES
The new Knight 5 uses the high output new metal tube 16-H6 and 16-X7. These tube types give greater stability and efficiency especially in Short Wave. They increase K. G. gain; they operate more quietly.

3 WATS OUTPUT
The Knight 5 is packed with power. It delivers an undistorted 3 watts output, which is 50% greater than the full 1.5 watts handled by any other Dynatonic in any price bracket. This result is a splendid quality of tone before damaged in a radio at so low a price.

Knight
TUBE
5-3 BAND
A. C. SUPERHET
WITH METAL TUBES

Here is a new Knight 5-Tube All-Wave full sensitive, selective band receiver packed with new and advantageous features never before offered in a set at so low a price. Built to the highest standards of performance and beauty, it is a receiver everyone can afford. This powerful performer tunes continuously from 17 to 555 Meters, covering foreign and domestic Short Wave; 54 to 172 Meters, Police and Aviation; and amateur phone between 52 and 172 meters; and powerful long-distance radio reception in the Canadian standard broadcast programs between 172 and 555 meters. Features: 1. A.G. tube in detector circuit for easy tuning on every band; 2. Continuously variable tone control for bass or treble; 3. Large 6-5/8 inch electro-dynamic speaker with the ability to reproduce tone accurately at any volume level; automatic volume control to prevent fading and distortion and to assure uniform power; heavy-duty rubber-footed tuning condenser shaper tuning; full 3 watts power output; separate coils for each band; 16 tuned circuits, including two of the newest metal tubes, used in the most renowned R. C. A. and Baseline licensed superhet circuit for actual 3 tube efficiency. This new Knight 5 is unquestionably a splendid answer to the widespread demand for a quality A. C. Superhet at a low price.

A WORLD OF POWER
The new Knight 5 develops full three watts output from the perfect superhet circuit. The new super-efficient Pentode Power Output Tube (6F6) is largely responsible for this unusual power. The triple-purpose 75 volt rectifier effectively handles the automatic volume control action, preventing fading and blaring, keeping up the volume at a uniform level even when tuning weak as well as strong signals. The latest Raytheon tubes are used throughout the circuit as follows: 6AG7 as Detector and Oscillator; 6K7 (metal) as I F. Amplifier; 75 as Detector; A. V. C. and 1st Audio; 6F6 (metal) as Power Pentode; and 80A as Power Rectifier. This tube combination assures actual seven-tube power and efficiency.

TUNE AT ITS FINEST—WORLD-WIDE RANGE
Wide-range tonal fidelity is always evident in the performance of the new Knight All-Wave 5. The special 6F6 Pentode stage develops a flawless 3 watts output which is faithfully handled by the heavy-duty 6-5/8 inch electro-dynamic speaker. Tone Control provides for the accentuation of either bass or treble as desired. The clear, rich tone of the Knight 5 puts new meaning in radio enjoyment. The Knight 5 Superhet brings you a world of radio entertainment. And anyone can tune this receiver easily and accurately. The large 6-5/8 inch illuminated speaker and six-watt head amplifier drive light and accurately calibrated for easy program logging. The ultra-selectivity of the circuit itself is phenomenal. The special twin type tuning condenser is rubber-cushioned to assure complete freedom of mechanical motion and long-lasting stations. 11 tuned circuits are employed for maximum selectivity.

TRUE BEAUTY
The Knight 5 is built into a remarkably attractive table model cabinet. The front panel is of carefully matched and selected, attractively grained walnut, featuring a pleasing new roll-top effect enhanced by beautifully matched veneers and streamlines. The entire cabinet is carefully hand-rubbed in a soft, attractive finish. It measures 17 inches high, 15 inches wide, and 9 inches deep. This beautiful table model cabinet will harmonize with any interior and enhance the appearance of the home.

AMAZING SENSITIVITY
The Knight World-Wide 5 covers all the popular Short Wave and standard broadcast bands dependably, and effectively, with continuous All-Wave Range. There are no "dead" spots on the dial of the Knight 5—the air is alive with local and distant stations easily heard. The selectivity of the Knight 5 will amaze and delight you. Special individual tubes are used for each of the three bands assuring maximum efficiency; a newly developed 12 inch high speaker is trimmed to the correct tuning ranges, accurately calibrated and perfectly balanced. The unique features of this circuit are evident in the high sensitivity, the selectivity and the very clean, clear, rich, realistic tone quality. These features are generally found only in costly modern superhet sets.

SET COMPLETE
The Knight 5 Tube All-Wave Superhet is offered in the attractive table model cabinet, illustrated, complete with 6-5/8 inch Electro-dynamic speaker and 16X7, 16X6 and 16X5. For operation on 110 Volts, 60 cycles, A. C. shipping weight, 20 lbs. Cost: $185

$16 85

COMPLETE WITH RAYTHEON TUBES

All Wave
17-555
METERS

$16 85
A 19 WONDER RADIO $99.50
WITH Exclusive Features for only
WITH RCA TUBES

THE Lincoln
DE LUXE
19 TUBE
SUPERHET

NEW MAGNA-SPAN DIAL

AMAZING NEW CIRCUIT

The circuit used in the Lincoln 19 Tube 3 Band Superhet is a product of the long experience of some of the country's leading radio engineers. The latest type tubes are used in all parts of the circuit. In the R.F. tuner — 6AK7 as R.F. Pre-amplifier; 6AS8 as Det. 6F7 as 1st I.F.; 6F7 as 2nd I.F.; 616 as Diode Det.; 6FS as Audio Amp.; 2—59's as parallel full power rectifiers; 6714 as Automatic Tone Control; 6X59 as automatic variable control. The Audio Amplifier: 59 as 2nd Audio; 42 as Triode driver; 6F7 as Automatic Bass Compensation; 4—45's as Class "AB" push-pull output stage; 5745 as power rectifier; 60 as bias rectifier. All vital circuits are thoroughly shielded. An oversize, shielded Underwriters' Approved power transformer is used. Tuner size: 10"x 9"x 4-1/4". Amplifier: 20"x 10"x 7-1/2".

2-12" VITATONE SPEAKERS

CHASSIS MODEL
The Lincoln 19 Tube 3 Band Superhet is available in chassis form, less cabinet. Includes dual dreadnaught R.F. Tuner and Audio Amplifier chassis; 2—12 inch Vita-Tone Dynamic Speaker and complete set of R.C.A. Tubes, 11 inch Magna-Span dial escutcheon and knobs are included. For operation on 110 Volts, 60 cycles A.C. Shop wts. 70 lbs. Code: WELL. A9855. Retail Value $165.00. $7500. YOUR PRICE ONLY...

AMERICA'S FINEST RADIO RECEIVER
America's most powerful and most beautiful radio. A magnificent new instrument into which every known circuit development, every worthwhile feature known to radio science has been incorporated. Absolutely the finest radio money can buy, built for the discriminating purchaser who wants the best. The new Lincoln 19 Tube De Luxe A.C. Superhet is the product of the finest efforts of radio engineering. It is the supreme development in a radio instrument capable of providing the listener with the world through those powerful bands. Tuned 16 to 55 meters for world-wide Short Wave broadcasts; 55 to 160 meters for Short Wave Police, Amateurs, Ships and Commercial signals; 180 to 550 meters for all Standard Broadcast and upper Police channels. A performer without a peer—distinguished for its power, its tone and its beauty. Offers both extreme sensitivity and magnificent power and radio's simplest tuning arrangement. The R.F. Tuner chassis uses genuine R.C.A. metal tubes for signal pickup; the Audio Amplifier chassis uses glass type tubes for a mighty output of full 30 watts. 2-12" Vita-Tone speakers are provided. More than 20 exclusive features are incorporated. The console in which the 19 Tube Lincoln is housed is a genuine, massive creation with rolled top and front of selected beauty-butterfly-grained birch walnut. Front panel slopes slightly to give convenient angle of vision to dial and controls. Upper platters are semi-rotated and combine in one piece from front to side; have marquetry inlay. Lower platters each have burl grille. Large center grille is surrounded for better tonal depth and is covered with pleated silk grill cloth. The entire console is hand-rubbed to a high plane finish. Dimensions: 45" high, 28" wide, 15" deep. A9856. Retail Value $225.00. YOUR PRICE, ONLY $99.50
Knights 8 Tube A.C. SUPERHET

$29.95
WITH RAYTHEON TUBES

Here is a marvelous new Knight 8 Tube A.C. Superhet with new features and new style—a distinctive receiver that tunes everything on the air. Covers 17 to 555 meters in three full bands for continuous all-wave reception. Brings you all new concept of radio enjoyment featuring easy tuning, world-wide coverage and hi-fidelity. New important developments you can see and touch. De luxe R.C.A. and Hazeltine licensed Superhet circuit incorporates every worthwhile new refinement for super radio performance. Develops actual 10 tube efficiency through use of latest tubes and tube types. Full 15 watts output assures abundant reserve audio power smoothly handled by the full new type Vit-R-Tone Electro-dynamic speaker. Big 9" color dial, always easy to read! Includes "clock scale" for Tell Time tuning. Flywheel dialing, distinctive color for each wave-band. No other 8 tube radio gives you so much enjoyable performance at so low a cost. The Knight 8 brings the whole wide world of radio into your home—faithfully, dependably, brilliantly.

ALL-WAVE RANGE

Tour the world with the Knight 8. Wave range on these full bands covers everything broadcast. Tunes 16.6 to 55 meters for World-Wide foreign Short Wave programs; 52 to 172 meters for interesting Amateur, Police, Ship and Airplane conversations; 172 to 555 meters for powerful American and Canadian Standard Broadcast. A flick of the dial and you can travel "round the world". Your own program is brought in clearly and enjoyably.

SUPERB TONAL QUALITY

Rich hi-fidelity tone is assured by the use of the new full-size Vit-R-Tone Electro-dynamic speaker. The 6FG6 output stage develops full 15 watts outputing plenty of reserve power at all times. Both voice and music are reproduced with vital realism. Variable tone control permits you to emphasize bass or treble notes as desired. Bass compensation accentuates bass notes properly for balanced tonal response. The luxurious tone of the Knight 8 will meet with the approval of every radio listener.

KNIGHT 8 TUBE CHASSIS

The Knight 8 Tube All-Wave Superhet as described above is also offered in de luxe chassis form. Ideal for use as a replacement chassis in the finest cabinet. Features: 11 tuned circuits, 3 gang bar tuning capacitor, separate coils on each band, A.V.C., variable Tone Control, bass compensation, etc. Supplied with a full 12" heavy-duty Vit-R-Tone Dynamic Speaker. Measures: 12" long, 10" high, 7 1/2" deep. Complete with 2-6K7, 1-6AG6, 1-6N6, 1-6FG6, 1-6F66, 1-60506 and 1-5Y3 Raytheon octal glass tubes. For operation on 110 Volts, 60 cycle A.C. Shipping weight: 18 lbs. The Knight 8 Tube is a chassis of the year. Code: GOOD. A9016, Retail Value: $44.95. YOUR PRICE: $27.45.

POWERFUL SUPERHET CIRCUIT

The Knight 8 is built around a de luxe new Superhet circuit with every advanced development. Has new 3 gang bar construction tuning condenser; 11 tuned circuits; separate coils for each band; R.F. on broadcast. Full automatic controls, variable tone control, bass compensation. When the tunes full, music volume control. Provide uniform noise-free volume and proper accentuation of every volume level. Uses newest Raytheon octal glass tubes as follows: 6K7G as R.F.; 6AG6 as Det-Dec.; 6K7G as I.F.; 6N6 as 2nd Det-A.V.C.; 655G as Hi-Gain Audio; 6FG6 as Power Stage; 6GS as Electron Tube; 5Y3 as rectifier. Efficiently engineered for highest selectivity and sensitivity.

EASY TO TUNE

Quick, accurate tuning is always yours with the Knight 8. The giant 9" color dial is clearly calibrated and fully illuminated. Flywheel dialing gives variety speed to station selector. You can tune with vernier accuracy or you can scan the tuning knob so that the pointer actually dose at the desired program. The Knight 8 makes you to tune stations instantly. When dark se-for of eye is narrowest you are perfectly tuned in. "Clock scale" on dial provides for quick "Tell Time" reference tuning.

HANDSOME TABLE CABINET

The Knight 8 Tube All-Wave A.C. Superhet is admirably presented in a splendid new "haydown" type table cabinet. Features attractive roll-top finish with front face and top of one piece matched striped walnut. Has beaded, reeded side panels and speaker grille of graceful design. Hand-rubbed to a high finish. This beautiful cabinet will harmonize perfectly in any setting. Dimensions: 22" long, 12 1/2" high, 10" deep.

SET COMPLETE

The Knight 8 Superhet is supplied in the table cabinet illustrated with the following tubes: 2-6K7, 1-6AG6, 1-6N6, 1-6FG6, 1-6F66, 1-60506 and 1-5Y3. For operation on 110 Volts, 60 cycle A.C. A remarkable radio value at our low price. Shipping weight, 25 lbs. Code: FINE. A9097, Retail Value: $59.95. YOUR PRICE: $29.95.
LOW-COST BATTERY RADIO

Knight
5 TUBE
BATTERY
SUPERHET

$16.95
WITH
RCA
TUBES

NEW OVAL AIRPLANE DIAL
"ON-OFF" INDICATOR
LOW BATTERY DRAIN
P.M. DYNAMIC SPEAKER
BATTERY SPACE IN CABINET
FULL A.V.C. ACTION
NEWEST TUBES
ATTRACTIVE CABINETS
NEW SUPERHET CIRCUIT

Operates on 3 Volt Dry "A" - 2 Volt Storage Battery or Air Cell

A wonderful value in a new powerful, low-priced, economically-operated five tube farm radio that is capable of strong reception, sharp selectivity and true-to-life tone quality. Tunes 175 to 550 meters, covering some Police Signals in addition to American Broadcast reception. Equipped with the newest large oval Airplane Dial which features an exclusive visual "on-off" indicator. The dial is calibrated directly in kilocycles and is extremely easy to tune. LOW DRAIN. The Knight 5 is one of the most economical farm radios made today. The very latest low-drain tubes are used in this new and Haushalter licensed Superhet circuit as follows: 10C6 as Mod.-Disc.; 54 as I.F.; 1F6 as Det., A.V.C., 1st Audio; 33 as Power output; 2K1 as Current amplifier when used with a 3 Volt "A" battery, "B" battery drain is only 14 M.A.; "A" battery drain is only .5 Amps. Operates from either a 3 Volt Dry "A" battery, a 2 Volt Storage battery or an Eveready Air Cell. Our listing offers the Knight 5 for economical operation with a 3 Volt Dry "A" battery. (If desired with Air Cell, add $1.32.)

CIRCUIT FEATURES. Full Automatic Volume Control is incorporated for noise-free reception with uniform volume on all stations. Type 33 low-drain tube achieves flawless volume which is handled without distortion by the heavy-duty 6 inch permanent magnet dynamic speaker. You will enjoy the performance of the Knight 5. It is the finest battery radio that can be built at low cost.

5 TUBE CONSOLE

The Knight 5 Tube Battery Superhet is offered in the Console Cabinet shown at left with 8" P.M. Dynamic Speaker and S.R.G.A. Tubes, less batteries. Measures: 38" x 22" x 11½". Shipping weight, 46 lbs. Code: C1C1Y.

A9826. Retail Value, $27.95. YOUR PRICE $19.95


DE LUXE 6 TUBE DUAL-WAVE MODEL

The Knight 6 Tube 2 Volt type Superhet, similar in design to 5 tube model described above, incorporates an additional wave-band and other improvements. Tuning 38-150 meters and 175-550 meters for actual band utility, covering all standard Broadcast, Police Calls, some Amateur and Airplane channels, and the popular 49 meter Short Wave band on which many foreign stations are heard. Includes new oval airplane dial, visual "on-off" indicator, Tone Control, full A.V.C. Powerful circuit incorporates newest low-drain tubes as follows: 1C6 as Mod.-Disc.; 54 as I.F.; 1F6 as Det., A.V.C., 1st Audio; 33 as 2nd A.F.; 19 as 3rd A.F.; 5M1 as voltage regulator. Always economical to operate because of extremely low battery drain. Other features: high sensitivity; splendid distance reach; flawless tone output. All vital circuit components are thoroughly shielded. Heavy duty tuning condenser is employed for selective, stable performance. Available in both table and console cabinets. Console cabinet has front face of matched stump walnut enhanced by fluted pilasters. Table cabinet shown above, has space for all batteries. The Knight 6 is comparable in performance to the finest all-electric radios.

5 TUBE TABLE MODEL

Knight 5 Tube Battery Superhet in "lay-down" table cabinet of modern design with front of choice walnut. Complete with 8" P.M. Speaker and R.G.A. Tubes. Less batteries. Size: 18" x 18" x 11½". Has space for all batteries. Shpg. wt., 18 lbs. Code: RACE.

A9828. Retail Value, $16.95. YOUR PRICE $9.95


DE LUXE 6 TUBE DUAL-WAVE MODEL

The Knight 6 Tube 2 Volt type Superhet, similar in design to 5 tube model described above, incorporates an additional wave-band and other improvements. Tuning 38-150 meters and 175-550 meters for actual band utility, covering all standard Broadcast, Police Calls, some Amateur and Airplane channels, and the popular 49 meter Short Wave band on which many foreign stations are heard. Includes new oval airplane dial, visual "on-off" indicator, Tone Control, full A.V.C. Powerful circuit incorporates newest low-drain tubes as follows: 1C6 as Mod.-Disc.; 54 as I.F.; 1F6 as Det., A.V.C., 1st Audio; 33 as 2nd A.F.; 19 as 3rd A.F.; 5M1 as voltage regulator. Always economical to operate because of extremely low battery drain. Other features: high sensitivity; splendid distance reach; flawless tone output. All vital circuit components are thoroughly shielded. Heavy duty tuning condenser is employed for selective, stable performance. Available in both table and console cabinets. Console cabinet has front face of matched stump walnut enhanced by fluted pilasters. Table cabinet shown above, has space for all batteries. The Knight 6 is comparable in performance to the finest all-electric radios.

6 TUBE CONSOLE

The Knight 6 Tube Battery Superhet is offered in the beautiful Console Cabinet pictured at left with 8" permanent magnetic dynamic speaker and 6 R.C.A. low-drain tubes. Less batteries. Measures: 38" x 22" x 11½". Shipping weight, 48 lbs. Code: CATE.

A9841. Retail Value, $32.95. YOUR PRICE $24.95


6 TUBE TABLE MODEL

Attractive table model of winning design, as illustrated, complete with 8" permanent magnetic dynamic speaker, R.C.A. tubes. Less batteries. Measures: 18" long, 18½" deep, 11½" high. Shipping weight, 18 lbs. Code: COOL.

A9839. Retail Value, $51.50. YOUR PRICE $32.95

Page 11
Rurlpower DE LUXE MODEL

Low Cost 6 VOLTS LIGHT & POWER PLANT

Electricity for Everyone

This new DeLuxe Rurlpower 6-12 volt plant has been developed to fully use all equipment required by the light and power plant user. It charges both 6 volt and 12 volt storage batteries and develops 150-250 watts of direct current. It also has push-button self-starting feature. Will also start battery fully charged all the time for RPO and for 8 volt electric lights; has direct motor power take-off for driving many farm appliances. Enjoy the full convenience and comfort of electric light and power. Extra power makes the Rurlpower ideal for heavy-duty use. You can use a number of light bulbs and operate radio full time. Charges batteries for auto, tractor, etc. can be driven from pulley attachment. Eliminate forever the annoyance of bailing batteries away for down batteries and the expense and inconvenience of having them ready. Rurlpower is compact, dependable, and efficient. Rurlpower is built to stand up under heavy loads. Generator is especially designed for this unit. Generators of operation is starting; one quart of gasoline or equivalent in gasoline for the plant. Economically solves the light, radio, phone and power problem of many rural homes.

DELUXE MODEL SPECIFICATIONS

Every worthwhile new mechanical development is incorporated in the 1937 Rurlpower DeLuxe unit. New Lauson "Smoothflo" 4-cylinder engine vertical type 6 H.P. engine is air-cooled and has electric push-button self-starting; also has mechanical auxiliary starter. 1 A 2350 R.P.M. develops 600 watts direct current 6 volt or 12 volt. Generator is 6-15 volt shunt-wound for high efficiency and has self field control knob to regulate output for battery being charged, thus preventing overcharging. Generator is fully enclosed and protected; also has exclusive circuit-breaker and circuit-breakers completely eliminate the possibility of short circuits. Batteries connected in series or parallel can be charged at same rate. Ideal for both small and large farm appliances. Pulp feed has capacity of one quart of gasoline, sufficient for 2 1/2 hours of operation on one gallon of gasoline; engine crank-case holds 1 quart of oil. Quick-in, quick-out adapter indicates rate of charge. Weight only 30 lbs.

A 10034. Complete DeLuxe Gas Engine and Generator as described, with battery, charger and complete instructions. Shipping weight, 60 lbs. List, $54.95. YOUR PRICE, $35.75.

NEW Rurlpower WINDCHARGER

The most reliable windcharger made today. Newly perfected design will charge even 6 volt storage battery. Costs nothing to operate—you get power from the air. Airflow is charging in a 7/16" by 1" by 1" pipe per wind. Propeller and generator are self-adjusting to wind velocity. Automatic control. Governor controls speed of propeller. Has simple pull-down wire starter. Made to last, no limit to battery life. EXCLUSIVE NEW FEATURES: Charges 6 or 2 volt storage batteries, both rate up to 16 amps. Has new, specially de-

A 10030. Rurlpower Gyroscopic Generator complete with parts ready to mount; includes 6 foot tower. Propeller Tooth. Ammeter on panel. Cut out Battery clips, etc. Complete instructions. Weight 75 lbs. YOUR NET PRICE, $975.00.

CHARGES ANY STORAGE BATTERY

6 VOLTS STORAGE BATTERIES

Especially designed for use with Rurlpower units. Heavy-duty types, with oversize plates. Ideal for farm service and to their high current storage capacity. A 10021. Plate. For radio and not more than 1-25 or 2-15 watt lamps. 12 lbs. NET, $10.45. A 10024. Glass JAR DELUXE TYPE. Unusually heavy plates insure reliable operation over extended periods. Plated cell indicates gravity test at all times.ations. May be charged as storage batteries. Complete instructions. Weight 14 lbs. YOUR NET PRICE, $1945.00.
Knights 6 Tube
6 Volt All-Wave
BATTERY SUPERHET

3 FULL BANDS: 17-555 METERS
- Low 1.25 Amp. Drain
- 6½" 3-Color Dial
- Full A.V.C. Action • Variable Tone Control
- New P.M. Dynamic Speaker • Push-Pull Output

A new continuous All-Wave 6 Tube Knight 6 Volt Battery Superheterodyne that leads the field. Combines all the advantages and convenience of all-electric radio operation with thrilling All-Wave coverage and an economy of operation never before attained in a battery receiver. Operates entirely from a single 6 volt storage battery, does not require "B" or "C" batteries—DRAWS ONLY 1.25 AMPERES. Costs less to operate than any other battery radio; simply requires inexpensive charging of 6 volt "A" battery. (See opposite page.) Eliminates batter and extra expense. Ideal for rural homes, summer cottages and isolated locations. Tunes 17-555 meters on three continuous wave bands. Covers 17 to 52 and 52 to 175 meters for thrilling Short Wave reception of foreign programs, amateurs, airplanes and police calls. Tunes 175 to 555 meters for unusually powerful standard Broadcast reception. Presented in an attractive table cabinet with low and new roll-top effect. 15½ x 12½ x 8½ inches. Maintain constant volume; has continuously Variable Tone Control for bass or treble plug-in vibrator; has a giant 6½" Illuminated Airplane Dial with 15 to 1 vernier tuning ratio. Uses the latest low-drain tubes for extra efficiency; rubber-mounted tuning condenser; 11 tuned circuits; high-gain Hitz-wound coils, etc. A powerful 6 inch Permanent Magnet Dynamo speaker, equal to the finest electro-dynamic types, handles full volume without distortion for highest fidelity.

COSTS PRACTICALLY NOTHING TO OPERATE

"BATTERY-MISER" The Knight 6 Tube All-Wave 6 Volt Battery Superhet is amazing for economy; it is veritably a "Battery Misier". Does not require "B" or "C" batteries. Draws only 1.25 Ampers in operation from any six volt storage battery. With average daily use this receiver saves from $12 to $25 per year on the cost of "B" and "C" batteries. Will operate approximately 70 hours on one charge from 100 ampere-hour storage battery. THE KNIGHT 6 TUBE 6 VOLT SUPERHET IS IDEAL FOR USE WITH THE NEW R.U.L.P.O.W.E.R G.A.S ENGINE OR WIND-CHARGER UNITS DESCRIBED ON PAGE 12.

BEAUTIFUL 6 VOLT CONSOLE MODEL
The Knight 6 Tube 6 Volt Battery Superhet is also offered in the attractive console model illustrated at the left. Beautifully designed and built. Center panel is of matched figured walnut enhanced by a rolled top and gracefully fluted pilasters. Size: 39½" high, 23½ wide, 19½ deep. Furnished with full 8 inch P.M. Orthovox speaker. An outstanding 6 Volt Radio value featuring: All-Wave coverage; 6½" Airplane Dial; 1.25 Amp. drain; multi-function tubes; rubber-mounted condenser; plug-in type built-in vibrator "B" and "C" power supply; 11 tuned circuits, etc.

LESS "A" BATTERY

YOUR PRICE $37.50

CHASSIS MODEL ONLY
The Knight 6 Tube 6 Volt All-Wave Superhet is also offered in chassis form. Furnished with large 8 inch Orthovox speaker. Chassis size 8½ x 11½. Makes an ideal replacement chassis for obsolete battery radios.

LESS "A" BATTERY

YOUR PRICE $25.45

ESTA "A" BATTERY
Ideal for use with the Knight 6 Volt receiver. A genuine Vesta Storage Battery. 100 Ampere hour type. Heavy-duty, solid leak-proof construction. Has thick plates and carefully sealed cells. Built for long, enduring service. A real value. Wt. 40 lbs.

YOUR PRICE $44.50

32 VOLT MODELS
The Knight 6 Tube All-Wave Superheterodyne is also available in an efficient All-Electric 32 Volt model. Operates directly from any 32 volt console and chassis models. Write for complete description and illustrations.
SPECIAL CONTROL MOUNTING KITS

A9647. TYPE A. Universal control which adapts tuning mechanism of Knight 6 Tube Auto Radio to fit the steering wheel column on any car or to fasten to the lower edge of the dash instrument panel.

A9648. TYPE B. Custom control for mounting on dash panel of cars equipped with ash tray compartment. When ordering, be sure to specify make, model and year of car, indicating whether de luxe or standard.

NET EACH 95c

FORD 1935-36

CHEVROLET 1936
and PONTIAC 1936

PLYMOUTH

DODGE

OLDSMOBILE
**KNIGHT SUPPRESSORS**

Sturdy, efficient carbon type suppressors for use on any automobile engine. Heat- and moisture-proof. Resistance element enclosed in polished bakelite case except Fig. "G" which illustrates new type for Ford V8. This unit acts as distributor suppressor.

- A6690. A. Spark Plug Type...
- A6691. B. Distributor Type...
- A6692. C. Cable Type...
- EACH...
- SET OF 5...
- SET OF 7...
- 12c...
- A6995. D. Special 50,000 ohm Ford V8 Brush Type. .NET 12c

**AUTO RADIO FILTERS**

Single capacitors

Metal-cased o m e as a t e n sers for use on generators, ammeters, horns, lights, etc. to eliminate noise.

- A2492. 1/4 MFD. Round metal container 1/2"x1/2"...
- FOR horn. EACH...
- 15c...

- A2493. 1/4 MFD. Round metal container 1/2"x1/2"...
- FOR coil. EACH...
- 19c...

- A2494. 1 MFD. Round container 1 1/2"x1 1/2"...
- Single lead with lug...
- FOR generator. EACH...
- 24c...

- A2495. 1 MFD. 1 1/4"x3 1/4"...
- Heavy duty for auto radio noise and spark plug suppressor eliminator...
- FOR generator. EACH...
- 32c...

- FORD V8 CONDENSER

Especially designed to fit the new Ford V8 distributor head. Special metal bracket assembly of after unit exactly 1 1/2" long which holds the bakelite distributor head in place. Required for Ford V8 ears shipped with Auto Radios. A6921. NET 27c

---

**QUALITY REPLACEMENT VIBRATORS**

**MALLORY**

Famous for their high quality construction and absolute dependability. Mallory replacement vibrators are exact duplicates of original units. They are installed and require no changes in the circuit. We carry a complete stock of all Mallory vibrators to serve you faster. When ordering, state either mfrs. name number, or make and set. Write for free Mallory Vibrator Replacement Booklet.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ARVIN</td>
<td>15, 25, 35, 45, 1st Ser.</td>
<td>206</td>
<td>A4551</td>
<td>2.65</td>
<td>A4521</td>
<td>2.65</td>
</tr>
<tr>
<td></td>
<td>10, 20, 25, 35, 40, 2nd Ser.</td>
<td>202</td>
<td>A4552</td>
<td>2.65</td>
<td>A4522</td>
<td>2.65</td>
</tr>
<tr>
<td>ATWATER KENT</td>
<td>424, 534</td>
<td>206</td>
<td>A4554</td>
<td>3.09</td>
<td>A4532</td>
<td>3.23</td>
</tr>
<tr>
<td></td>
<td>660, 776</td>
<td></td>
<td>A4555</td>
<td>3.09</td>
<td>A4532</td>
<td>3.23</td>
</tr>
<tr>
<td>BOSCH</td>
<td>422 (Cond. &amp; 3rd Ser.)</td>
<td>271</td>
<td>A4561</td>
<td>3.23</td>
<td>A4532</td>
<td>3.23</td>
</tr>
<tr>
<td></td>
<td>524A, 634-634A</td>
<td>253Y</td>
<td>A4562</td>
<td>3.26</td>
<td>A4530</td>
<td>3.26</td>
</tr>
<tr>
<td></td>
<td>150 (1st Series)</td>
<td>210</td>
<td>A4563</td>
<td>3.38</td>
<td>A4533</td>
<td>3.38</td>
</tr>
<tr>
<td>MOTOROLA</td>
<td>34, 50, 60, 90</td>
<td>294</td>
<td>A4553</td>
<td>2.65</td>
<td>A4530</td>
<td>2.65</td>
</tr>
<tr>
<td></td>
<td>77</td>
<td>230</td>
<td>A4572</td>
<td>3.38</td>
<td>A4548</td>
<td>3.38</td>
</tr>
<tr>
<td></td>
<td>55, 65A</td>
<td>231</td>
<td>A4573</td>
<td>3.38</td>
<td>A4548</td>
<td>3.38</td>
</tr>
</tbody>
</table>

---

**RADIANT**

**PHILCO**

810...

ALL OTHERS...

4AC VICTOR...

5M, 6M, 6M2...

M107...

STEWARD WARNER...

R112, 1121, 1125, 1129...

R118, 1171, 1172, 1181...

UNITIZED MOTORS...

393845, 409045...

ZENITH...

460, 462, 650HD...

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILCO</td>
<td>810</td>
<td>300P</td>
<td>2.35</td>
<td>A4577</td>
<td>2.35</td>
<td></td>
</tr>
<tr>
<td>GLAHAN</td>
<td>810</td>
<td>300P</td>
<td>2.35</td>
<td>A4577</td>
<td>2.35</td>
<td></td>
</tr>
<tr>
<td>RCA VICTOR</td>
<td>5M, 6M, 6M2</td>
<td>253</td>
<td>A4530</td>
<td>2.65</td>
<td>A4533</td>
<td>2.65</td>
</tr>
<tr>
<td>SIERRA 112, 1121, 1125, 1129</td>
<td>286S</td>
<td>A4570</td>
<td>2.36</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIERRA 118, 1171, 1172, 1181</td>
<td>286S</td>
<td>A4570</td>
<td>2.36</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNITIZED MOTORS</td>
<td>393845, 409045</td>
<td>273C</td>
<td>A4565</td>
<td>2.32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZENITH</td>
<td>460, 462, 650HD</td>
<td>292</td>
<td>A4552</td>
<td>2.65</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**EASY TO INSTALL**

Installation is quickly made. Entire stream- lined assembly is firmly welded and is vibration-proof. There are no springs, wire etc., to rattle or lose. Has self-seal connection for antenna lead-in. Completely insulated. 40ft. long x 3/4" wide. Weight 71/2 lbs. A9141. YOUR PRICE...

$1.47

**CARFO AUTO AERIAL**

A new development in antenna design. N o n- directional; gives better reception for greater efficiency. Easy to install; rubber vacuum cups attach aerial securely to car. Has pure copper base and is of one-piece construction.

A9548. Wt. 6 oz. finish. NET...

$3.53

A9549. Same as above but in a polished copper finish; can be used to match color of car. NET...

$2.94

**TOBE AUTO POLY AERIAL**

Consists of a telescoping rod, insulated mounting bracket and lead-in. Comes pre-wired and assembled and can easily and instantly be attached to the rear bumper bracket of any car. Insulated from motor noises; has more effective signal pickup. Full height is 8 ft.; telescopes to 3 ft.

A9543. NET...

$1.73

**CHRYSLER**

**DE SOTO DE LUXE**

**HUDSON AND TERRAPLANE**

**STUDEBAKER DICTATOR**
Knight 5 TUBE A C SUPERHET
With MULTI-PURPOSE All Metal TUBES

- ALL-WAVE TUNING RANGE
- FIVE R.C.A. METAL TUBES
- AUTOMATIC VOLUME CONTROL
- VARIABLE TONE CONTROL
- GIANT VERNIER TUNING DIAL
- 3 GANG TUNING CONDENSER
- 6½” DYNAMIC SPEAKER
- NEW LOW-BOY CABINET

POWERFUL METAL TUBE SUPERHET CIRCUIT

The deluxe Knight 5 incorporates the latest high-gain superheterodyne circuit, using 5 genuine R.C.A. metal tubes resulting in higher efficiency, greater stability, quieter operation. The tubes used are: 6Q8 as 1st Det.-Dec.; 6R7 as L.F.; 6G7 as Diode-Det. A.V.C.; 6F6 as Pentode output; 5W4 as rectifier. This combination attains actual 5 tube efficiency. The 6F6 Metal Pentode develops full 3 watts output. 10 kilocycle selectivity is consistently attained. Three-gang rubber floated condenser and R.F. pre-selector assure maximum performance on all three bands. Other features are: Full A.V.C., Tone Control, 11 tuned circuits.

ALL-WAVE RANGE

Thrilling world-wide all-wave radio entertainment is yours with the Knight 5. Its tuning range covers three full bands with powerful reception of Short-Wave foreign programs from 18 to 52 meters. For Police, Aviation, and Amateur signals and 175 to 550 meters for powerfullongdistance reception of all American and Canadian standard broadcasts. Employing 5 new multi-purpose metal tubes in the latest R.C.A. licensed superhet circuit. Has a fully illuminated 3 color 6¼” airplane dial which makes tuning easy and accurate. Outstanding features are: Continuously Variable Tone Control for personal tone selection. Automatic Volume Control for smooth, noise-free operation, 3 gang heavy-duty rubber floated condenser for added stability; 6¼” Electro-dynamic speaker, 11 tuned circuits, etc.—all making for greater refinement and enjoyment of radio reception.

STRIKING BEAUTY

Everyone will admire the graceful table cabinet of the Knight 5. Tastefully designed in the new lowdown style; top and front are rolled from a single piece of choice vertically grained American walnut. Hand-rubbed to a lustrous piano finish. Corners are attractively routed. The speaker grille is pleasingly proportioned while the dial-plate is simple and clean-cut. Dimensions: 18” long, 9½” high, 5¾” deep. Fits in almost any room: table, mantel, bookshelf, etc. Truly a cabinet to delight the eye—the ideal radio for any setting.

SPLENDID TONE

Life-like rendition of both voice and music at any volume level is a significant feature of this 1937 Knight. The pure 3 watts output is flawlessly handled by the heavy-duty 6½” dynamic speaker. From a whisper to full volume, you get tonal response at its finest. The tone of the Knight 5 is consistently brilliant in richness and fidelity. Each program—domestic or foreign—is reproduced with uniform clarity. Even the most critical radio listener will heartily endorse the life-like reproduction of the Knight 5.

SET COMPLETE

The new Knight 5 tube A.C. Superhet is offered complete with 1-6Q8, 1-R7, 1-6G7, 1-6F6 genuine R.C.A. metal tubes. For operation on 110 Volts, 60 cycle A.C. Shipping weight, 20 lbs. Code: S1NG. Retail Value: $95.00.

A9887
YOUR PRICE $19.95


YOUR PRICE $22.45

ALL-WAVE: 8-550 METERS
### Radiotron - Knight - Raytheon

**Neon Glow Lamps**

Genuine GE neon gas lamps. Useful in many types of test equipment. Serve as short or long-life indicators, strobe lights, luminators, etc.; will light many other purposes. Both electrodes glow on AC; only negative glows on DC. These lamps are also ideal for use in the night-time lighting of electrical circuits, etc. Very low current drain. For 115 volt operation.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>YOUR NET PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A4</td>
<td>$0.58 $0.80 $0.73</td>
</tr>
<tr>
<td>1B4</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>1C6</td>
<td>$0.88 $1.11 $1.73</td>
</tr>
<tr>
<td>1F6</td>
<td>$0.88 $0.80 $0.73</td>
</tr>
<tr>
<td>12A5</td>
<td>$0.88 $0.55 $0.43</td>
</tr>
<tr>
<td>2A6</td>
<td>$0.55 $0.55 $0.49</td>
</tr>
<tr>
<td>2B2</td>
<td>$0.68 $0.68 $0.61</td>
</tr>
<tr>
<td>6A7</td>
<td>$0.68 $0.68 $0.61</td>
</tr>
<tr>
<td>6C8</td>
<td>$0.55 $0.55 $0.49</td>
</tr>
<tr>
<td>6D9</td>
<td>$0.52 $0.52 $0.43</td>
</tr>
<tr>
<td>6E6</td>
<td>$0.55 $0.55 $0.49</td>
</tr>
<tr>
<td>669</td>
<td>$0.52 $0.52 $0.43</td>
</tr>
<tr>
<td>7A1</td>
<td>$0.40 $0.37 $0.33</td>
</tr>
<tr>
<td>7B1</td>
<td>$0.37 $0.37 $0.33</td>
</tr>
</tbody>
</table>

**Standard Edison Base**

- **A6450:** 2 watt, 3/4 in. dia., split-base electrode.
- **A6451:** 1 watt, 1 in. dia., split-base electrode.
- **A6452:** 0.5 watt, 0.5 in. dia., split-base electrode.

**Canalalbe Base**

- **A6454:** 1/2 watt, 1/4 in. dia., 0.5 in. dia., split-base electrode.
- **A6456:** Round bulb, 1/4 in. dia., spiral electrode.

**Extra Discounts**

On all orders for 25 or more RCA or Raytheon tubes. 5% per cent discount on orders of 25 to 100; additional 10% discount. Knight tubes are quoted at rock-bottom net prices.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>YOUR NET PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>V99</td>
<td>$0.58 $0.56 $0.49</td>
</tr>
<tr>
<td>X99</td>
<td>$0.68 $0.66 $0.61</td>
</tr>
<tr>
<td>W011</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>WX12</td>
<td>$0.88 $0.80 $0.73</td>
</tr>
<tr>
<td>W74</td>
<td>$0.88 $0.80 $0.73</td>
</tr>
<tr>
<td>W76</td>
<td>$0.94 $0.90 $0.81</td>
</tr>
</tbody>
</table>

**Metal Type Tubes**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>YOUR NET PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6A8</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6C6</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>6F6</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>6G6</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>6J7</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6K7</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6L6</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6M7</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6N7</td>
<td>$0.88 $0.80 $0.73</td>
</tr>
<tr>
<td>5W4</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>6S4</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6Y5</td>
<td>$0.68 $0.66 $0.61</td>
</tr>
<tr>
<td>6Z5</td>
<td>$0.68 $0.66 $0.61</td>
</tr>
</tbody>
</table>

**Octal Glass Tubes**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>YOUR NET PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5V4G</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>5X4G</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>5Y4G</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>640G</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>650G</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>660G</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>670G</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>680G</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>690G</td>
<td>$0.59 $0.55 $0.49</td>
</tr>
<tr>
<td>697G</td>
<td>$0.73 $0.68 $0.61</td>
</tr>
<tr>
<td>6N7G</td>
<td>$0.88 $0.80 $0.73</td>
</tr>
<tr>
<td>7A1G</td>
<td>$0.37 $0.37 $0.33</td>
</tr>
<tr>
<td>7B1G</td>
<td>$0.37 $0.37 $0.33</td>
</tr>
<tr>
<td>7N1G</td>
<td>$0.37 $0.37 $0.33</td>
</tr>
<tr>
<td>7N2G</td>
<td>$0.37 $0.37 $0.33</td>
</tr>
</tbody>
</table>

**Genuine Sparton Radio Tubes**

For use in the older model Sparton sets using 3 volt tubes, for which some may be substituted.

- **TYPE 495**
  - **A1055:** 445A, Power Amp. List $1.45, NET.
  - **A1056:** 485A, Power Amp. List $1.05, NET.

- **TYPE 498**
  - **A1057:** 482B, Power Amp. List $1.85, NET.
  - **A1058:** 482B, Power Amp. List $1.85, NET.

**Genuine Kellogg Type 401 A.C. Tubes**

- **A1061:** For use in last audio stage. Heater Volts, 3, heater Amperage, 3 ma. Maximum plate volts, 150.

**Rathenon**

The original Rathenon BH full-wave rectifier used in many "B" eliminators as well. Will deliver full rated output and give dependable long life. Rated at 350 volt RMS at 1 ma, 125 M.A. maximum.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>YOUR NET PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4010</td>
<td>$2.33</td>
</tr>
</tbody>
</table>

**Rathenon BH Rectifier**

List price, $4.85, NET.

**Radiotron Corporation, 833 W. Jackson Blvd., Chicago, Ill. 17**
Knight 8 WATT High Gain “Little Giant” SOUND SYSTEM

A new high quality low-cost full 8 Watt Sound System which utilizes all of the advantages of the latest metal tube for superb reproduction and for full rated output. Ideal for smaller installations where limited sound coverage is desired. Excellent for small orchestras, for churches, clubs, stores, demonstration rooms, call systems, etc. The high-gain amplifier permits the direct use of the newest type of crystal microphone for unusually fine fidelity. A high grade 8½ inch electro-dynamic speaker handles the full watts output without distortion. The complete Knight 8 Watt Sound System includes:—Knight “Little Giant” 8 Watt High-Gain Amplifier:—Astatic Dual-diaphragm Crystal Microphone with 25 foot cord and polarized plug:—1—8½ inch dynamic speaker with 25 foot cord and polarized plug:—kit of Raytheon metal tubes and complete operating instructions. A complete operating test is made of each system before shipment.

NEW CRYSTAL MIKE
The Knight 8 Watt High-Gain Sound System uses the new Astatic Dual-diaphragm non-directional Crystal Microphone. The built-in pre-amp stage makes its direct use possible without additional external amplification. The Astatic Crystal Microphone features exceptionally fine frequency response; will pick up sound from any angle; reduces “feed-back” to a minimum.

LATEST METAL TUBES
The Knight 8 Watt high-gain amplifier used in the system employs a powerful three stage circuit utilizing the newest metal tubes to the fullest advantage as follows:—1—6GT as crystal mike preamplifier;—1—8NT as electronic mixer and driver;—1—6J6 Electron Beam Power tube as power output;—1—2TA as rectifier. This modern tube line-up assures absolute rated output and minimum distortion. Full 8 watts is always available.

HIGH-GAIN CIRCUIT
The Knight 8 Watt Sound System has input for high-impedance phonograph as well as for the crystal microphone supplied. Separate volume controls are provided for phonograph and microphone, permitting blending and mixing action. Tone Control is also included. Frequency response is essentially flat from 45 to 10,000 cycles. Gain is 90 db. for crystal microphone. Field current for the dynamic speaker is supplied by the amplifier: an extra speaker jack is provided.

SYSTEM COMPLETE
The Knight 8 Watt High-Gain Sound System includes the Little Giant Amplifier described above, a high grade full 8½ inch dynamic speaker with 25 foot 4 conductor cord and plug attached, an Astatic Dual-diaphragm Crystal microphone with 25 foot cable and plug, attractive Microphone Banquet stand, a kit of Raytheon metal tubes, and complete operating instructions. For operation on 110 Volts, 60 cycles, A.C.

AMPLIFIER ONLY
The Knight 8 Watt High-Gain Amplifier is offered separately at an attractive low price. $13.50. 6½ x 5 x 7 inches. Weight: 8½ lbs. Has built-in mike and phone mixer. Uses 1—6GT, 1—6NT and 1—2TA tubes with 26V rectifier. Has excellent gain of 90 db. with essentially flat frequency response from 50 to 10,000 cycles. Supplies field current for one 1,000 ohm dynamic speaker: output is from plate of 6LS. Input is for crystal microphone and high impediments magnetic pickup. For 110 volts, 60 cycles, A.C.

A9908: 8 Watt High-Gain Amplifier only—List.................. $14.95
YOUR PRICE............................................. $13.50
A9908: Amplifier Screen Cover, Net. .................. .88

A9909: 8 Watt Standard “Little Giant” SOUND SYSTEM

An outstanding new inexpensive carbon microphone sound system ideally suited for small installation where limited coverage is desired. Very suitable for use in store demonstrations, small halls, churches, clubs, rooms, call systems, etc. Comes to you complete, ready to set up quickly and easily. No external batteries or mixers are required: microphone transformer and current supply are built in. Output is full eight watts with remarkably true fidelity. The complete Knight 8 Watt Sound System includes the Little Giant 8 Watt Standard Amplifier, a high quality full 8½ inch dynamic microphone equipped with 25 foot 4 conductor cord and plug, a high grade 2 button carbon microphone with 25 foot 3 conductor cable and plug, attractive Microphone Desk stand, a kit of Raytheon tubes and complete operating instructions. The Knight 8 Watt Sound System comes to you complete, with all cables and plugs attached for easy and quick installation.

METAL TUBES—BUILT-IN MIXER
The amplifier used in this Knight 8 Watt System utilizes the fullest advantage of the newest perfected metal tubes for maximum power at low cost. A 6GT voltage amplifier tube and a 6J6 Beam Power output tube provide a high Power Metal Tube 8 Watt system output. A 5Z4 tube is used as rectifier. The complete Knight 8 Watt Sound System has essentially uniform frequency response from 50 to 10,000 cycles. VHF level is minus 23 db. Excellent tonal fidelity is always evident, with full range output. A variable Tone Control is provided. The Knight Little Giant 8 Watt Sound System is provided with a double button carbon microphone. Also has provision for high impedance phone pickup. Equipped with internal volume controls for both microphone and phonograph which permit effective blending and fading action. MICROPHONE CURRENT IS AUTOMATICALLY SUPPLIED BY THE AMPLIFIER. No external batteries or mixers are required.

COMPLETE SYSTEM
The Knight 8 Watt Standard “Little Giant” Sound System includes the Little Giant Amplifier, a high grade full 8½ inch dynamic speaker with 25 foot 4 conductor cord and plug attached, a good quality double-button carbon microphone with 25 foot 4 conductor cable and plug, attractive 8 inch microphone desk stand, a kit of Raytheon metal tubes, and complete operating instructions. For 110 Volts, 60 cycles, A.C.

$21.95

AMPLIFIER ONLY
The Knight 8 Watt Amplifier is offered here separately. Compactness designed; measures 12x6x7½ inches. Weight: 8 lbs. Has built-in microphone transformer and current supply; with mike and phone mixer. Uses 1—6GT and 1—6J6 metal tubes and 5Z4 metal rectifier. Has gain of 65 db. with essentially flat frequency response from 50 to 10,000 cycles. Supplies field current for one 1,000 ohm dynamic speaker. Output is from plate of 6LS. Input is for single or double-button carbon microphone and high impediment magnetic pickup. For 110 Volts, 60 cycles, A.C.

$11.85

A9908: 8 Watt Amplifier only. List, $24.50.
YOUR PRICE............................................. $21.95
A9908: Amplifier Screen Cover (for tubes) ............ .88

A9907: Amplifier Screen Cover (for tubes) ............ .88

Knight 18 Watt High Gain Sound System

18 Watt System with Crystal Microphone

An exceptional value in a new low-cost complete Knight 18 Watt Sound System using the latest dual-diaphragm type crystal microphone. A quality system with innumerable applications. Will materially increase the business and profits of orchestras, dance halls, night clubs, restaurants, ball parks, race tracks, and side shows, etc. will also serve effectively for speech and music reinforcement and for public address use in churches, schools, halls, at political rallies, for ballyhoo and advertising purposes, etc. The new Knight 18 Watt High Gain System includes: 1—Knight 18 Watt Amplifier; 2—12 inch Knight Dynamic Speakers with 30 feet cords and plugs; 1—Astatic Dual Diaphragm Crystal Microphone; 25 ft. of special crystal microphone cable with polarizer plug; 1—De lux chrome plated stem microphone floor stand and a complete matched set of Raytheon tubes. The entire system has been designed for simple installation and operation. It can be assembled and operated properly by anyone, without complication.

Powerful Low-Priced System

The Knight 18 Watt High-Gain System develops full rated output, with admirable fidelity, free from distortion. Four high-gain stages are employed using the latest tubes: 1—6GI, 2—6AS, 2—635 and 1—522. The two 635 tubes in push-pull assure greater gain with less distortion than any other equivalent tubes. Two giant Knight 12 inch Auditorium Dynamic Speakers adequately handle the output of the amplifier, giving wide-range faithful reproduction. The amplifier supplies all field current for the operation of these speakers. The complete Knight 18 Watt High-Gain System includes: 1—Knight 18 Watt Amplifier; 1—Astatic dual-diaphragm Crystal Microphone; 25 feet of special crystal microphone cable and polarized plug; 1—De lux chrome plated stem floor stand; and 2—12 inch Knight dynamic speakers with 30 feet cords and plugs. Supplied with Raytheon tubes and instructions. Per 110 volts 60 cycles A.C.

A9915. List. $115.00. YOUR PRICE $63.85

Amplifier Only

The Knight 18 Watt High-Gain Amplifier is available separately as an ideal nucleus for powerful low-priced systems. Has input for crystal microphone and phone. Features 4 high-gain stages using 1—635 as mike preamp; 1—6AS as voltage amp, and electronic mixer; 1—66A as phase inverter and driver. 2—66A as p. o. power output stage; 1—522 as rectifier. Has built-in electronic mixer with individual controls for mike and phone. With tone control. Has built-in field excitation for 2,000 ohm dynamic speakers; output is universal. Operates at 50 and 100 ohms. Amplifier measures 17 3/4 x 7 3/4 x 17 3/4. For 110 volts, 60 cycles A.C.

A9916. Knight 18 Watt Amplifier, less tubes. List. $57.56. YOUR PRICE $27.95

A9964. Raytheon Tube Kit. List. $4.67

A9919. Amplifier Screen Cover. Attractive perforated steel shield cover. NET $1.95

See Pages 23-35 of our large 152 page catalog for a complete listing of Amplifiers and Sound Systems ranging from 5 to 60 watts, including School and Institutional Systems. Call Systems, etc. We can supply everything in the Public Address field.

Knight 18 Watt Sound System with Velocity Microphone

The Knight 18 Watt High-Gain Velocity Microphone Sound System is offered to meet a growing demand for ultra high-quality wide-range amplification. This system is essentially the same as that described above, but it is furnished with a high quality velocity microphone. It achieves full coverage and brilliantly realistic tonal output, making it ideal for use by musicians, singers, dramatic artists, churches, orators, etc., for beautiful reinforcement of both voice and instruments. This complete Knight 18 Watt System includes: 1—Knight 18 Watt High-Gain Amplifier; 1—High-grade Velocity Microphone; 25 foot rubber-covered shielded microphone cable and plug; 1—Knight stationary-bronze finished microphone floor stand; 2—12 inch Knight dynamic speakers with 30 feet cords and plugs. Complete with Raytheon tubes and full instructions. Operates on 110 volts, 60 cycles, A.C. (Each Knight 18 Watt Sound System is completely tested before shipment so that it measures fully up to the high standards of tone and power performance of which it is capable.)

A9917. Complete Velocity Microphone System. List. $122.00. YOUR PRICE $67.50

4 High Gain Stages - Electronic Mixer

Knight 20 WATT High Gain MOBILE-PORTABLE SOUND SYSTEM

AVAILABLE NOW FOR OPERATION ON 6 VOLTS D.C. & 110 VOLTS, A.C.

An entirely new powerful Public Address System designed for versatile performance. Operates directly and entirely from a simple 6 volt storage battery. Limited current is not available, or may be used on 110 Volts A.C. current simply by adding the inexpensive power pack listed below at right. Has truly universal application for mobile or temporary installations both indoors and outdoors, no matter what the current limitations may be. Will cover large crowds with wonderful power and excellent fidelity. Compact and portable. May be simply and quickly installed or changed from car to car or from one place to another. Features a powerful 20 watt new high-gain circuit for direct operation of a high quality Astastic Dual-diaphragm Crystal Hand Microphone as well as phonograph to act as an amplifier.

COMPACT—PORTABLE—COMPLETE

The complete Knight 20 Watt Mobile-Portable System consists of: 1—20 Watt High-Gain Amplifier, high grade dynamotor, single-speed electric phone motor, good quality magnetic pickup and control panel all self-contained in a single compact steel cabinet with carrying handle; 2—new type 12 inch Permanent Magnetic Dynamic Speakers with 10 foot cords and polarized plug; 1—New type Astastic Dual-diaphragm Crystal Hand Microphone with 6 foot cord and polarized plug. Designed to operate directly from a single 6 volt storage battery, but equipped with receptacle for quick connection to special 110 Volt A.C. power pack described below at right, to permit efficient operation from any 110 Volt 60 cycle A.C. line. The powerful 20 Watt High-Gain Amplifier uses four new type tubes in an efficient 4 stage circuit with a gain of 165 db. Tubes used are: 6L6-3, 6L6-2, and 5-G6. The amplifier has an essentially flat frequency response from 50 to 10,000 C.P.S.

BUILT-IN MIXER—NEW CRYSTAL MIKE

The built-in control panel conveniently located on the top face of the steel cabinet carries separate volume controls for the microphone and phonograph pickup, permitting blending and "mixing" of voice or music as desired. Also includes tone control as well as "on-off" switch and built-in's-eye. Polarized receptacles are provided for plugging in microphone, speakers, "A" cable and 110 Volt A.C. power pack. The built-in speaker incorporated in the 20 Watt High-Gain amplifier permits the direct use of a new type Astastic Dual-diaphragm Crystal Hand Microphone. The use of this new microphone assures exceptional fidelity of voice reproduction and an outstanding quality of tone never before possible in a mobile sound installation.

COMPLETE 20 WATT SOUND SYSTEM

The Knight 20 Watt High-Gain Mobile-Portable System is offered for operation from a 6 Volt storage battery only (110 Volts, 60 cycles A.C. power pack is listed below), complete as follows: 1—20 Watt High-Gain Amplifier, mixing panel, and phonograph in steel cabinet, with 2—12 inch Permanent Magnet Dynamic Speakers with cords and plugs, Astastic Crystal Hand Microphone with cord and plug, and complete operating instructions. Cabinet measures 11.875x8x10 inches. Ship wt., 45 lbs.

A9920. Complete 6 Volt 20 Watt System. List Price, $240.00. YOUR PRICE, less tube... $119.50

A9965. Raytheon Tube Kit... $33

A9921. SPECIAL PLUG-IN 110 VOLT 6 CYCLES A.C. POWER PACK. Permits complete operation of the Knight 20 Watt Mobile-Portable Sound System from any 110 Volt, 60 cycles A.C. line. With rectifier tube. List, $25.00. YOUR PRICE... $129.95

10 WATT MOBILE SOUND SYSTEM

A moderately-priced medium-power compact Mobile Sound System designed to operate entirely from a single 6 volt storage battery. Delivers full 10 watts output for good coverage from sound cars and trucks. Consists of: 10 watt amplifier with built-in vibrator "D" supply, hand-wound sprung phono-phonograph motor, high quality magnetic pickup, and control panel built into a compact sturdy steel case: 1—2 Button Hand Microphone with 6 foot cord and polarized plug; 1—12 inch 6 volt dynamic speaker with 10 foot cord and polarized plug. Amplifier has individual volume controls for phonograph and microphone, master "on-off" switch and polarized receptacles for plugging in microphone, speaker, and "A" cable. Absolutely portable for quick installation. The efficient 3 stage amplifier uses 1—79 and 2—6AS7 tubes, with 84 rectifier; has a gain of 65 db, and a frequency response essentially flat, from 60 to 10,000 C.P.S. Total drain is only 6.75 amps. The complete system includes: amplifier and phonograph built into steel cabinet, 12x13x10 inches; 1—12 inch Dynamic speaker with 10 foot cord and plug; 1—2 Button Hand Microphone with 6 foot cord and plug; Instrunctions, wt., 18 lbs.

A9900. List, $127.50. YOUR PRICE, less tube... $62.75

A9962. Raytheon Tube Kit... $72.72
Knight PORTABLE SOUND SYSTEMS

18 WATT HIGH-GAIN SYSTEM

An entirely new, completely portable full 18 watt public address system of exceptional power and wide-range fidelity. Uses the new type dual-diaphragm Astatic Crystal Microphone. Designed especially for use by orchestras and lecturers, for demonstration purposes, funeral parlors, churches, political meetings, etc. Complete in every detail. Unusually portable, cordless and convenient. Entirely self-contained in a single carrying case. 9 1/4 x 18 1/4 x 18 1/2 inches. Weighs only 45 lbs. complete. The Knight 18 Watt Portable Sound System is also arranged for phonograph input. (See page 23 for suitable portable phonographs.) It is provided with individual volume controls for phonograph and microphone, permitting blending or fading in any degree desired. Tone control for bass or treble emphasis is also incorporated. For value, completeness, readiness for operation and highest tonal fidelity, the Knight 18 Watt Portable Sound System is unrivalled.

WITH NEW DUAL-DIAPHRAGM MIKE

The new dual-diaphragm Astatic Crystal Microphone is used in the Knight 18 Watt Sound System. This high quality microphone is non-directional, picking up all frequencies equally. It has an exceptionally fine frequency response from 50 to 10,000 C.P.S. The four stage amplifier develops a remarkable high gain of 115 db, to utilize the crystal microphone to fullest advantage. Frequency response is essentially flat from 50 to 10,000 C.P.S. The full 18 watt output from the circuit is assured by the use of the following tubes: 1—G86, 2—6BA, 2—6B5, 1—526.

SYSTEM COMPLETE

The complete Knight 18 Watt Portable Sound System includes: 1—18 watt high-gain amplifier; 1—dual diaphragm crystal microphone mounted on 10 inch banquet stand with 25 foot cable and polarized plug; 1—12 inch Knight dynamic speaker with 30 foot cable and plug. Entirely self-contained in a single sturdy carrying case. Complete with tubes and instructions. For operation on 110 Volts, 60 cycles A.C.

$64.50

YOUR PRICE COMPLETE

$64.50

COMPLETE 8 WATT HIGH-GAIN SYSTEM

The complete Knight 8 Watt High-Gain Portable Sound System includes: 1—Knight 8 Watt high-gain amplifier; 1—Crystal Microphone mounted on a single case, 8 1/4 x 13 1/8 x 10 1/2 inches. Weight complete is only 24 lbs. The complete system can also be had with a de luxe floor stand instead of banquet stand at $32.50 additional.

$44.35

YOUR PRICE COMPLETE

$44.35

COMPLETE 8 WATT HIGH-GAIN SYSTEM

The complete Knight 8 Watt High-Gain Portable Sound System includes: 1—Knight 8 Watt high-gain amplifier; 1—Crystal Microphone mounted on a single case, 8 1/4 x 13 1/8 x 10 1/2 inches. Weight complete is only 24 lbs. The complete system can also be had with a de luxe floor stand instead of banquet stand at $32.50 additional.

$27.35

YOUR PRICE COMPLETE

$27.35

8 WATT STANDARD SYSTEM

A compact new portable sound system delivering a full output of 8 watts. Uses the genuine new metal tubes throughout. Exceptionally well-suited for small orchestras, demonstration purposes, publicity, schools, political rallies, etc. Every model is a single case, 8 1/4 x 13 1/8 x 10 1/2 inches. Weight only 24 lbs.

The Knight 8 Watt Standard Portable System has input for phonograph as well as microphone. Separate volume controls permit individual volume controls for microphone and phonograph to permit "mixing" action. Also includes tone control, Microphone transformer and current supply are built into the amplifier. Full eight watt power and low hum and distortion are assured by the use of the amazing new 6L6G Electron Beam power tube. Complete system includes: 1—8 watt metal tube amplifier; 1—high quality carbon microphone in standard with 25 foot cord and polarized plug; 1—12 inch Knight dynamic speaker with 25 foot cable and plug—all in a single unit carrying case. Uses 1—6G7, 1—6L6, 1—554 metal tubes. For 110 volts, 60 cycles A.C. A wonderful value in a complete, compact full 8 watt portable system.

$27.35

YOUR PRICE COMPLETE

$27.35

See Pages 33-35 of our large 152 page catalog for a complete listing of Knight Amplifiers and Sound Systems ranging from 8 to 60 watts, including School and Institutional Sound Systems, Call Systems, etc. We can supply everything in the T.V. field. Write us first!
JENSEN DYNAMIC SPEAKERS
MODEL PM5-C
A new line of Precision Matched Networks. This net type dynamic speakers and amplifiers for fidelity and power are designed. No field energy or any other kind of amplification. We recommend 10 to 15 watts per speaker, 2 ohm to 10,000 ohms. Use a transformer. If you have any questions about these speakers, contact us.
A9675. MODEL. For use in 150 ohm line, 150 ohm, deep. SPECIFY output tube. NET $5.73
10 INCH MODEL PM10-C
Same as above, especially suited for receivers and for use in public address installations. Specify output tubes.
A9676. Your Price $7.94

KNIIGHT AUDITORUM DYNAMIC SPEAKERS
Ruggedly built, powerful 12 inch Auditorium Dynamic Speakers designed to reproduce the highest quality sound, with the best fidelity. Ideal for any type of amplifier, and when used in combination with Public Address Systems, will handle 10 to 15 watts of power without distortion. This speaker has a piece one-piece pressed cone with a metal voice coil and a 3-inch voice coil. The cone is 15 inches, and the voice coil 2 inches. The cone is 12 inches in diameter, and is supplied with a 15-inch long voice coil. 3 ohm impedance. 1.5 inch, 5,000 volt impulse. NET $5.95
A9460. 6 Volt Field, 15 ohms. A.G. $8.75

PORTABLE MODELS
The Knight Auditorium Speakers are available in 110 volt, 60 cycle, and 40 cycle models. NET $8.75

ALUMINUM BAFFLE
Deluxe Model
Ruggedly built of heavy duty aluminum. With weatherproof, light weight, portable. Correctly designed. Flared 16 oz. dia. 9 1/2 long. Filled 9 oz. 10 inch deep. Felt lined to eliminate reverberation. Supplied with windshield cover and protective metal mesh. For speakers smaller than 12 inches, use reducer rings listed below. NET $8.82
A10293. EACH MODEL

FLARE TYPE BAFFLES
Semi-directional, weatherproof baffle horns, finished in brilliant aluminum. Will improve the frequency response, increase the efficiency, and direct the sound distribution of an any dynamic or magnetoelectric speaker. Easily 30 oz. deniable. Supplied with or without 14 foot lead cord. Housing case aids in directing sound forward for large area coverage, or for reducing acoustic feedback. Type A is for speakers with 10 to 12 inch horns. Type B is for 7 to 8 inch horns, 10 to 12 lbs. 10 lbs. 5 hours. Supplied with a 24 inch cord. With speaker housing case aids in 1 to 8 minutes with a socket wrench or a pair of pliers.

A9647. Case only, Less Speaker. NET $3.15

SHURE CRYSTAL MICROPHONES
A high grade line of new type crystal microphones. Note for high quality sound reproduction. Extensively used for all types of P.A. work requiring exceptionally fine tonal quality. No noise required.

Ultra Wide-Range Crystal Mikes
New Shure microphones providing reproduction from 40 to 10,000 cycles, with response fidelity that will rival the best. Here is a microphone that will do it all. New type crystal mounting provides the highest output level consistent with good fidelity; single curve line. The crystal is rigidly mounted on a 10-inch diameter full plastic frame and has been designed with the most rigid and efficient, acoustically correct design. Diaphragm is protected even when the microphone is used by an internal screen. Crystal is moisture-sealed; scientifically designed acoustic network provides the best possible tonal balance and space-time displacement. Available in 3 different types. Made in the USA and a very stable 27 inch lead cord for mounting are supplied with 7 feet of shielded rubber-covered cable. NET $14.70
A7717. 702A. Spherical semi-directional type. 9 1/4 overall length. With 1 1/2 inch diameter, nickel plated miniature rubberized finish with chrome trim. Shug. wt. 1 lb.
A7716. 700A. Semicircular type. Swivel arrangement for tilting microphone. NET $12.50
A7716. 700B. Grill type case, rubber black screen cover for chrome trim. Shug. wt. 1 lb.
A7716. 700C. Semicircular type. Swivel arrangement for tilting microphone. NET $12.50

LOWEST PRICES—HIGHEST QUALITY—BEST SERVICE
KNIGHT MICROPHONES
TWO BUTTON

A7652...$2.95
A7643...$3.50

An outstanding value. Frequency response from 45 to 7000 C. Impedance 200 ohms per button. Incl. 24' of 18 gauge speaker wire. Case...$4.30

Stands Without Rings
Same stands as above but without microphone ring. Cord goes through the hollow stem and base. 100 ft. wire, 17 lb.

Model A1070...$1.65
Model A1071...$1.45

WEATHERPROOF MICROPHONE CABLE

Crystal Microphone Cable

Weatherproof Microphone Cable

Heavy rubber jacket over tinned copper shielding. Ideal for outdoor and heavy duty sendee. Statuary bronze. With 65' ring and 8 springs for $2.30.

No. Cond. Per Ft...100 Ft...
A3813...4c 3.75

Model K

Packard Automatic Record Changers

Model R

Mechanism only, less case, will play eight 10" records automatically on one side, 12" records manually on the other. Complete set for $13.75.

No. Cond. Per Ft...100 Ft...
A2498...2d 6c 5.60

WEBSTER HIGH FIDELITY MAGNETIC PICKUP

Plays both 78 and 33⅓ R.P.M. Records. 100-7000 C.S.S.

A1008...$4.95
A2991...$5.65

ASTATIC PIEZO CRYSTAL

The finest pickups available today. Have a brilliance of reproduction not found in any pickup. Very low distortion, highly sensitive. A1007. Without Volume Control...

Goveror-controlled induction type pickup. Operates quietly. With 10 inch turntable and head. All metal construction. A1008. 100-5000 C.S.S. $7.00

GREEN FLYER PHONO MOTORS

Governor-controlled induction type pickup. Operates quietly. With 10 inch turntable and head. All metal construction. A1007. 100-5000 C.S.S. $7.35

AMPERITE VELOCITY MICROPHONES

A complete line of high quality ribbon-velocity microphones. Modern stream-line construction; acoustically designed. Unexcelled for quality and fidelity of reproduction. Swivel brackets thread to 1/4-20 with stock adapters. 12" or 16" models. A2270. Model RB, For voice or music, Range 50-7000 C.S.S., 200 ohms; output 54 db. Low switch...

A2271. Model RS-H. As above but with high impedance output of 2000 ohms. Your Price. $18.91

A2272. Model RB-M. Particularly recommended for high quality speech and music reproduction. Frequency response is from 40-11000 C.S.S. Output 200 ohms; 60 db. High Built-in Switch...

A2273. Model RB-H. Same as Model RB-M above but high impedance output of 2000 ohms output. Your Price. $24.70

A2274. Model RB-DI. Dual impedance type. Ideally suited to theatre stage installations. Frequency range is flat from 40-11000 C.S.S. Low impedance output 2000 ohms. With switch...

A2275. Model RB-HB. Same as Model RB-DI above but high impedance type, 2000 ohm output. Your Price. $26.46

A2268, Model RA, A high quality moderately priced ribbon velocity microphone of typical high quality. Amperite construction. Has unusual time response for both voice and music. Output 200 ohms, 68 db. 8 ft. of cable. A2268, Model RA, A high impedance type for direct connection to tube grid. Output 2000 ohms, 12 ft. of cable...

A2276. 200 ohm Model...

A2277. High Impedance Model...

JUNIOR VELOCITY

Small in size but capable of really high quality performance. Reproduction is lifelike and clear. Frequency response from 60 to 7500 C.S.S. for all voice work. Output 200 ohms, 68 db. Size only 5 1/2 x 5 x 1/2. Wt. 8 oz.

A2277...

EXTERNAL INPUT TRANSFORMER

A2279. Permits use of low impedance velocity microphone with high input impedance input circuit. Has hum blocking winding...

MIKE CONNECTORS

For quick, sure connection of microphone to amplifier. Chrome-finished brass plug for standard type microphone receptacle. With switch...

A1664...4 PRONG...

RECEPTACLES...

A1666...4 CONTACT...

ELECTRIC PORTABLE PHONOGRAPH

Leatherette covered case: 15 1/2 x 11 x 4 1/2. Open is 15 1/2. 15 1/2 in. closed. Plays 78 R.P.M. meter operates from 110 volts 60 cycles A.C. Self starting synchronous type. Magnetic pickup has excellent frequency response. 12" or 16" models. Built-in volume control and needle cup...

A2279...

SINGLE SPEED 78 R.P.M.

Governor-controlled induction type pickup. Operates quietly. With 10 inch turntable and head. All metal construction on 110 Volt 50-60 cycles A.C. Mounting...

A1007...

A1008...$3.95
# RUSH ORDER BLANK

## HOW SHALL WE SHIP?  
- Express  
- Freight  
- Parcel Post  

**Enter Amount of Remittance Here**  
- Paid in Full $  
- Part Paid $  
- C.O.D. $  

If you send currency, be sure to register your letter.

## TERMS  
Our terms are cash with order or C.O.D. New customers should accompany initial order with at least 20% deposit. Our catalog prices are net F.O.B. Chicago or factory. All trade and cash discounts have already been deducted. We give customers the benefit of all reductions taking place after the catalog is printed.

<table>
<thead>
<tr>
<th>Do Not Use This Column</th>
<th>Catalog Number</th>
<th>Quantity</th>
<th>NAME OF ARTICLE</th>
<th>Price Each</th>
<th>Extend Here and Add This Column</th>
<th>Do Not Use This Column</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TRANSPORTATION ALLOWANCE ON ORDERS OF $25.00 OR MORE**  
Make your order $25.00 or more and you may deduct 2% from the total as a transportation allowance. This applies to shipments made anywhere in the United States on all radio merchandise described in this catalog, except National Company merchandise. (Foreign orders excepted.) Whether you desire your shipment to go forward by Express or Parcel Post or Freight the same 2% allowance will be made.

**ON FREIGHT OR EXPRESS ORDERS:**  
If your station has an agent do not send money for shipping charges. If no agent, send money to pay the charges in advance. Charges are the same either way.

**AMOUNT FOR GOODS**  
See (or for Prepaid Freight Note) or Express Charges. Any excess promptly refunded.

**TOTAL AMOUNT ENCLOSED**  
If currency be sure to send by Registered Mail.
HOW TO ORDER FROM THE ALLIED CATALOG

HOW TO SEND MONEY
Postoffice or express money orders, bank drafts, or personal checks are the safest methods to use in sending money. If you send currency, be sure it is wrapped in heavy paper and sent by registered mail.

TERMS
Our terms are cash with order or C.O.D. New customers should accompany initial order with at least 20% deposit. Our catalog prices are net F.O.B. Chicago or factory. All trade and cash discounts have already been deducted.

HOW TO ESTIMATE POSTAGE
On parcel post shipments be sure to include enough money to cover postage and insurance charges. These charges can be easily computed from the zone map, rate chart and insurance chart shown below. Any excess remittance will be promptly refunded.

INSURANCE CHARGES
All parcel post shipments are covered against damage or loss. Insurance costs must be included with postage charges. Allow for insurance at the following rates:
- Up to $5.00 .......... 5c
- $5.00 to $25.00 .... 10c
- $25.00 to $100.00 . . . . . . 15c
- $100.00 to $150.00 . . . 21c
- $150.00 to $200.00 . . . . . . . 26c

C.O.D. CHARGES
C.O.D. charges and money order fees are added to all C.O.D. parcel post shipments. These charges can be saved by sending full payment for the merchandise ordered, plus postage and insurance costs. Any excess remittance will be promptly refunded.

HOW TO ESTIMATE EXPRESS CHARGES
Express shipments
Console sets, Wind-chargers, storage batteries and other merchandise which we indicate as "not mailable" should be shipped by express for greatest safety in handling and for speedy delivery. Express rates include insurance.

Express or Freight
It is not necessary to include express or freight charges with your remittance unless your local station handles only pre-paid shipments. If there is no express or freight station in your town, be sure to mention the closest one.

FOR DISTANCES OF

<table>
<thead>
<tr>
<th>Weight</th>
<th>50 Mi.</th>
<th>100 Mi.</th>
<th>200 Mi.</th>
<th>500 Mi.</th>
<th>750 Mi.</th>
<th>1000 Mi.</th>
<th>1500 Mi.</th>
<th>2000 Mi.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Lbs.</td>
<td>$0.39</td>
<td>$0.44</td>
<td>$0.62</td>
<td>$0.98</td>
<td>$1.29</td>
<td>$1.61</td>
<td>$1.98</td>
<td>$2.39</td>
</tr>
<tr>
<td>10 Lbs.</td>
<td>$0.43</td>
<td>$0.48</td>
<td>$0.66</td>
<td>$0.97</td>
<td>$1.29</td>
<td>$1.61</td>
<td>$1.98</td>
<td>$2.39</td>
</tr>
<tr>
<td>15 Lbs.</td>
<td>$0.47</td>
<td>$0.54</td>
<td>$0.66</td>
<td>$0.86</td>
<td>$1.29</td>
<td>$1.61</td>
<td>$1.98</td>
<td>$2.39</td>
</tr>
<tr>
<td>20 Lbs.</td>
<td>$0.51</td>
<td>$0.61</td>
<td>$0.77</td>
<td>$0.89</td>
<td>$1.03</td>
<td>$1.18</td>
<td>$1.35</td>
<td>$1.53</td>
</tr>
<tr>
<td>25 Lbs.</td>
<td>$0.55</td>
<td>$0.67</td>
<td>$0.87</td>
<td>$1.02</td>
<td>$1.20</td>
<td>$1.35</td>
<td>$1.53</td>
<td>$1.72</td>
</tr>
<tr>
<td>35 Lbs.</td>
<td>$0.63</td>
<td>$0.80</td>
<td>$1.08</td>
<td>$1.29</td>
<td>$1.54</td>
<td>$1.79</td>
<td>$2.05</td>
<td>$2.30</td>
</tr>
<tr>
<td>45 Lbs.</td>
<td>$0.71</td>
<td>$0.93</td>
<td>$1.29</td>
<td>$1.56</td>
<td>$1.88</td>
<td>$2.21</td>
<td>$2.54</td>
<td>$2.83</td>
</tr>
<tr>
<td>55 Lbs.</td>
<td>$0.79</td>
<td>$1.06</td>
<td>$1.50</td>
<td>$1.83</td>
<td>$2.22</td>
<td>$2.62</td>
<td>$3.02</td>
<td>$3.43</td>
</tr>
<tr>
<td>75 Lbs.</td>
<td>$0.95</td>
<td>$1.32</td>
<td>$1.92</td>
<td>$2.37</td>
<td>$2.90</td>
<td>$3.44</td>
<td>$4.08</td>
<td>$4.64</td>
</tr>
<tr>
<td>95 Lbs.</td>
<td>$1.11</td>
<td>$1.58</td>
<td>$2.34</td>
<td>$2.91</td>
<td>$3.58</td>
<td>$4.26</td>
<td>$5.08</td>
<td>$5.89</td>
</tr>
</tbody>
</table>

For Each 100 Lbs.: $1.15  $1.65  $2.45  $3.05  $3.75  $4.47  $6.65  $8.50
ALLIED RADIO CORP.
833 W. JACKSON BLVD.
CHICAGO • ILLINOIS
SECTION 7
MAGNETIC DYNAMIC SPEAKERS REPLACEMENT PARTS

K N I G H T D Y N A M I C S P E A K E R S

8 1/2 INCH
An ideal speaker for coin operated and self-service coin systems. Will handle full volume without overloading or distorting. Correctly aligned voice coil and cone assure maximum efficiency without rattles or objectionable vibration. Voice coil: 1/2" diameter; Impedance: 8 ohms at 400 cycles; Field resistance: 3500 ohms; 5" deep; Weight: 6 lbs; Supplied with output transformer to correctly match output tubes as listed below.
A9358. Single or P. 43, 45, 71A...
A9359. Single 41, 42, 47, 2A5, 6F6...
A9360. P. 41, 42, 47...
A9355. 6F6...
YOUR SPECIAL PRICE...

$4.20

12 INCH DYNAMIC
A9355. Single or P. 43, 45, 71A...
A9356. Single 41, 42, 47, 2A5, 6F6...
A9357. P. 41, 42, 47...
YOUR SPECIAL PRICE...

$1.59

Universal Replacement
12 INCH DYNAMIC
A radically new speaker with Universal field coil and Universal output transformer. Sales: in stock. Universal field coil and Universal output transformer as follows: 2500, 1000, 700, 500, 300, 250, 150, 100, 75, 60, 500, 400, etc. ohms tapped at 400 cycles; will receive speaker with these tapped resistances. Overall dia. 12 1/2".; depth: 7". Universal output transformer matches 400 cycle or push-pull output tubes. Ship weight: 10 lbs. Price: Model 590...
YOUR PRICE...

$4.85

EXACT DUPLICATE FIELD COILS
Popular types are listed below. We can supply any size. Readily available in old coil as sample or give full specifications. We will supply or quote promptly.
Cat. Set or Speaker. Res. YOUR OHMS PRICE
A2900. Apex-60... 11.500... $1.47
A2951. Apex 20A... 11.500... $1.47
A2952. Majestic G1... 3.100... 3.15
A2953. Majestic G3... 2.700... 2.15
A2988. Philco 80, 87, 85... 3.200... 2.05
A2989. Victor RE55, 46... 7.50... 3.00... 2.82

S P E A K E R S H I M S
Celluloid spacers for centering and adjusting speaker voice coils and armatures. Kit includes 4 shims...005: 4 shims...0075: 4 shims...010: 4 shims...
YOUR PRICE...

$3.60

S P E A K E R C O N E C E M E N T
A service necessity. In convenient metal tub containing 3 ounces. No waste. No paste. No setting of cones, paper rings and felts to speaker frames. Prices quoted below. A necessary item in the service man's kit.
YOUR PRICE...

$2.40


8 1/2 INCH MODEL
Ideal for battery use and as an extension speaker in hotel, theater, etc. Large multi-speaker installation, is 8%...5% in. deep. Has extra flexible voice coil and heavy-duty magnet. Will easily handle up to 1/4 watt with audio without distortion. Carefully assembled to insure long life and freedom from rattles and objectionable vibration. DC resistance, 1000 ohms. Shipping wt. 4 lbs.
A9253...
YOUR SPECIAL PRICE...

$1.25

Gothic Cabinet Model
8 1/2" SPEAKER
A fine table model with exclusive Gothic Cabinet with cabinet, 8 1/2", high, 10 1/2" wide, and 4 1/2" deep. Has extra flexible voice coil and heavy-duty magnet and improved armature structure. 1000 ohms. Engineered and equipped with 5 ft. cord.
YOUR PRICE...

$2.98

S P E A K E R C A B I N E T O N L Y
Cabinet only as illustrated above. Has beautiful walnut finish. Will accommodate any speaker not over 8 1/2" in diameter. 11" high, 10 1/2" wide, 6 1/2" deep.
A9445. YOUR PRICE...

$1.40

BOOKSHELF MODEL
A beautiful, modern speaker cabinet equipped with the latest Utah permanent-magnet dynamic speaker. Has "On-Off" switch and volume control. 8 1/2" voice coil carries a large power capacity. Voice coil leads of amplifier or radio set. Available in 3 finishes: 20%"25%"31%". Has hooks for hanging.
A9485. Walnut...
YOUR PRICE...

$7.91

W R I G H T-D E C O S T E R H Y F L U X M A G N E T I C S
A magnetic speaker with new and unique features. Rigidity one-piece pressed steel frame is in new design. Compact assembly allows for rapid installing into existing and new units such as radios, mobile extension speaker systems, etc. Frequency response is unusually good.
A9317. Magnetic...
YOUR PRICE...

$1.96

$2.20

Exact Duplicate Speaker Cones
Duplicate replacement cones accurately designed and carefully constructed to match the originals. One piece seamless material is used; noted for enduring, non-resonant quality. An all sound voice coil is included with each cone. Voice coils are also exact duplicates of the originals in all specifications. For improved tone quality, use these reliable exact duplicates.
If the cone assembly you require is not listed, write for quotation on old cone with deposit. For exact duplicate at a price not to exceed $2.75 for standard types, if no speaker is sent, add $1.00 to price of cone for cleaning and installing.
Catalog No.
For Model...
Dia. In, Price...
0...
1.08
1.18
1.82
1.73
.59
.59

Catalog No. Out Marsh
For Model...
Your Price...

A9291. BCA Pt. No...
A9292. Utah 133...
A9293. Victor...
A9294. Utah 134...
A9295. Utah...
A9296. Philco...
A9297. Philco...
A9298. Utah 133...
A9299. Utah 134...

$1.88
$1.47
$1.18
$1.47
$1.73
$1.82
$1.73

$0.59
$1.18
$1.18
$1.18
$1.18

4.5k 45...75...9

SUPREME 550 DeLuxe RADIO TESTER

Provides complete circuit analysis by proving voltage, current, and circuit analysis as tests from tube sockets in set. Tests all metal and glass tubes. The Supreme 550 DeLuxe Analyzer: 0-7-35-140-350-700-1400 VAC and 1400 MA. D.C. at 1000 ohms per volt: 0-7-35-140-350-1400 VDC at 1000 ohms per volt; 0-14 A. Amperemeter. (output only); 0-2900-20,000-200,000 ohms and 0-2-20 megohms. 0-10 to 0.5 to 15 to 200 to 230 to 350 to 460 DC. Leakage of electrolytic condensers reads directly on meter dial; all electrolytic condensers can be tested at rated working voltage. Only case is removable with removable cover. Size 15½"x14½"x7½" overall. Complete with test leads, probes, cutters, adapters, charts, and full operating instructions. For 110 Volts 60 cycle A.C.

A10254.

$54.83

SUPREME 580 DeLuxe SIGNAL GENERATOR

Has a range of from 90 KC to 90 MC: Fundamental to cover all standard and Short-Wave frequencies from 90 KC to 20 MC; additional frequency coverage is provided for use by harmonics. Has a variable R.F. output which may be frequency-modulated at a constant band width of 24 KC for use in visual alignment of circuits by means of an oscilloscope. Neoprene, shielded glass, or audio oscillator is accurately calibrated from 50 to 10,000 C.P.S., with less than 3% harmonic content. Provides complete with tubes, accessories and full operating instructions. For 110 Volts 60 cycle A.C. operation.

A10252.

$53.85

DAYRAD ALL-WAVE SIGNAL GENERATOR

A direct-reading signal generator of modern design. Covers fully the frequencies from 60 to 60,000 K.C. on a large, easy-to-read scale calibrated directly. 100 output is put in: for other outputs may be put in for modulated signal. Fully shielded; housed in black crystal finish. Complete with tubes. Supp. wt., 12 lbs. For 110 V., 60 cycle A.C.

A9070.

Model 36-M.

$3675

JACKSON TUBE TESTER

Tests all tubes; makes separate diode and rectifier tests, and has special test for pentagrid converter tubes. Readout direct on "Good-Bad" scale. Meter also calibrated in Volts, Ohms and milliamperes for receiver circuit analysis. Meter ranges are direct reading for the following: 0-7-35-140-350-700-1400 VAC; 0-7-35-140-350-700-1400 VDC; 0-7.5-75-150 M.A. D.C.: 0-100-100,000 Ohms. Case measures 15½"x7½"x5½". Supp. wt., 20 lbs.


$395.00

A9933. Model 535C. Counter Model in attractive Metal case.

$435.00

TRIPPLETT MODEL 1181-A PORTABLE LABORATORY TESTER

An absolutely modern tester which combines three instruments in one case for complete circuit analysis. Includes: (1) the precision Model 1151 All-Wave Oscillator for aligned circuits. (2) The Model 1152 Universal Volt-Divider for tube testing. (3) The Model 1153 Universal Volt-Ohm-Milliampere for point-to-point analysis and as output meter: (4) The Model 1154 Free-Point Plug-In Set Tester for free-point and standard point analysis. These three high-quality instruments enable you to make point-to-point tests, standard circuit analysis and overall performance tests on all circuits.

"THREE" TESTING SYSTEMS IN ONE

Quickly and accurately measures voltages, resistances and currents between any two circuit points. Identifies, locates circuit troubles. Overall performance of any set is easily checked by the All-Wave Oscillator and output meter portion of the Volt-Ohm-Milliammeter. Charts are supplied for direct capacity measurement. Meter scales read as follows: 0-1,5-15-750 Volts A.C. or D.C. at 1000 ohm per volt; 0-1.5-15-150 M.A. D.C.; 0-15-150 M.A.; 0-1,500-1,500 meg.; 100-10,000 Ohms. Oscillator has a range of 110 K.C. to 10 M.C. F. free point oscillator has 5, 6, 7, 8, 9, and 10 volt output. All pink or black plugs. A1181-A Tester is a compact complete Professional service test laboratory. Case size: 15½"x7½"x5½". Complete with batteries, adaptors, accessories, and instructions. Supp. wt., 26 lbs.

A99330. List, $372.40

YOUR PRICE.

$372.40

TRIPPLETT MULTI-PURPOSE TUBE TESTER

MODEL 1503

Tests all metal or glass tubes under actual operating conditions. Selects the test condition of all tubes, regardless of types, plainly on the "GOOD-BAD" scale. Neon "Good" test has a neon paper condenser, tests for electrolytic condenser leaks. The meter is calibrated to give the following readings: 0-10-50-50-1000 Volts D.C.; 1000-10,000-100,000 Ohms and 10-50-250-250-1000 Ohms; 0-10-50-250-250-1000 Volts A.C.; 10-50-250-250-1000 Volts A.C.; 0-100-10,000-100,000 Ohms. All Jaquish condenser test. Sensitivity is 1000 Ohms per volt on D.C. and 400 Ohms per volt on A.C. Suitable for counter or portable use. Measures 15½"x7½"x5½". Supp. wt., 25 lbs. For 110 Volts 50-60 cycle A.C. operation.

A99324. List, $70.00.

$45.74

MODEL 1502 POWER OUTPUT TUBE TESTER

A deluxe tube tester similar to Model 1503 above, but intended for tube tests only. Tests all metal and glass tubes quickly and accurately. Neon short and leakage test. English-reading meter scale reads "GOOD" or "BAD." Case measures 15½"x7½"x5½". For 110 Volts 50-60 cycle A.C. operation. Supp. wt., 25 lbs.

A99342. List, $55.00.

YOUR PRICE

$354.20

RANGER FREE-POINT TESTER AND VOLT-OHM-MILLIAMMETER

MODEL 640-740

An entirely new precision service instrument. A combination unit consisting of a Free-Point Tester (Model 640) and a Volt-Ohm-Milliammeter (Model 740). With this combination unit, the service technician, as he is on the job, is able to make all voltage, current or resistance tests, by direct contact through test leads, and all point-to-point tests, by the free-point plug-in method. The meter is a Triplet with a unique plug-in reading: 0-10-50-250-500-1000 Volts A.C. or D.C. at 1000 ohms per volt; 0-1-10-50-250 M.A.: 0-50-250,000 Ohms. The 640 tester may be supplied in any of five cases: D.C. 50% on A.C. Five sockets on the free-point tester handle any type glass or metal tube. Nine pairs of jacks provide quick connection to any part of circuit under test. Furnished in all-steel case, with built-in accessory compartments. Measures 15½"x7½"x5½"x3½." Has handle for carrying. Black electro-enameled finish with silver markings.

A6002. List, $45.00.

YOUR PRICE

$2646.00

SEE OUR 152 PAGE CATALOG FOR ALL LEADING TEST EQUIPMENT LINES

26
READRITE 430 TUBE TESTER

An inexpensive direct-reading tube tester that will accurately indicate the condition of all metal or glass tube types. Operation is extremely simple. Has five sockets which handle all 0, 5, 6, 7, and 8 prong tubes. All metal tubes are accommodated. Separate controls are provided for selecting either direct-reading voltage and tube load. Actual test is made by pressing a single button. The case is well constructed with tube panel and removable cover. Complete with instructions.

For 110 V. 60 cycle A.C. operation.

A2928. YOUR PRICE. $17.64

MODEL 431

Same as Model 420 above, but has a Readrite meter with "Good-Bad" scale in place of the Triplett meter. NET. $14.11

SOLAR CAPACITY ANALYZER

Quickly and accurately determines the worth and capacity of any condenser between .00001 and 70 microfarads. Capacity of condenser under test is shown directly on accurately calibrated color-coded scale. Also measures power factor, and detects defective condensers. Sensitivity so given readings up to 2 microhms. Uses 6E5 as bridge-balancing indicator. No headphones, meters, etc. required. Complete with handle for carrying. Measures 9 ¼ x 27 ¼ x ½. Requires 1 1/4 and 1 1/2 amp. Net. 9 lbs.

A7706. Model CB-1. For 110 Volts, 60 cycle. NET. $18.92

A7099. Model CB-2. For 110-220 V. 25-60 cycle. NET. $23.52

MILLION TUBE AND CONDENSER TESTER

MODEL CN

A newly developed tester packed full of appealing features. Calibrated neon indicator shows emission; checks tubes "Good" or "Bad." Shorts and leakages as high as six microhms may be checked between any elements. May be used also as a resistance indicator, or will check shorted or leaky by means of electrolyte condensers. Neon lamp may be used as resistance indicator for negative alignment. Accurately tests all existing tube types. Complete with eight-foot power cord, in sturdy welded steel case, measuring 7 ½ x 2 x 2 ½. For 110 V. 60 cycle A.C. NET. $9.95

PORTABLE STANDARD VOLT-OHMETER

A practical and convenient pocket-size Volt-Ommeter. Scales calibrated 0-10,000 ohms, and 0-300 volts D.C. Mounted in sturdy metal case 3 inches in diameter; 1 1/4 inches deep. Equipped with six test leads which includes self-contained flash-light cells. Switch is provided for rapid changeover from volts to ohms or vice versa.

A2900. YOUR PRICE. $2.30

PORTABLE SIMPLEX VOLT-OHMETER

An exceptionally compact, pocket-size test unit; calibrated 0-10,000 ohms, 0-300 volts D.C., and 0-10,000 volts. Walnut-finished baffle case contains 40 neon lamps and 20-Lea pin jacks for quick selection of desired scale. Self-contained battery included. Supplied with 30 inch polarizing leads. Complete with instructions.

A2922. YOUR PRICE. $3.23

PORTABLE PRECISION VOLT-OHMETER

An exceptionally fine precision type pocket size volt-ohmmeter with an accuracy of 2% of full scale and a stability of less than 3%. It has 18 volts per volt. Includes D.C. meter and 0-1500 ohms. Tungsten-finished baffle case contains 40 neon lamps and 20-Lea pin jacks for quick selection of desired scale. Complete with instructions. 3 x 2 x 1 ½. With necessary dry-cells included. Equipped with scale-sealed pin jacks; has 39 inch polarized test leads. Complete with instructions.

A2893. YOUR PRICE. $7.78

SEE OUR 152 PAGE CATALOG FOR COMPLETE TEST EQUIPMENT LINES.
### Burgess Batteries

#### Combination Plug-in and Clip Type “A” “B” and “C” Batteries

A world-famous line of batteries carried by all major expeditions in recent years, and designed to be absolutely moisture- and climate-proof. Built to rigid specifications. Meets all industrial and government laboratory requirements. New with plug-in connector as well as Fahrenstock clips. Universal size—5.5 or 11.5 volt—meets all current storage capacity. These batteries are available in packs for home use or with heavy leads. Burgess batteries will age at least 1,000 hours of normal service. New “B” and “C” plug-in packs are ideal for popular battery sets for home use.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1001</td>
<td>21008</td>
<td>45</td>
<td>16</td>
<td>21.00</td>
<td>$2.25</td>
<td>$2.50</td>
<td>$2.17</td>
<td>$1.97</td>
</tr>
<tr>
<td>A1002</td>
<td>22008</td>
<td>45</td>
<td>16</td>
<td>21.00</td>
<td>$2.25</td>
<td>$2.50</td>
<td>$2.17</td>
<td>$1.97</td>
</tr>
</tbody>
</table>

#### Standard “B” Batteries

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1003</td>
<td>10008</td>
<td>45</td>
<td>14</td>
<td>21.00</td>
<td>$2.25</td>
<td>$2.50</td>
<td>$2.16</td>
<td>$1.86</td>
</tr>
<tr>
<td>A1004</td>
<td>30008</td>
<td>45</td>
<td>0.5</td>
<td>0.75</td>
<td>$1.50</td>
<td>$1.75</td>
<td>$1.50</td>
<td>$1.33</td>
</tr>
<tr>
<td>A1005</td>
<td>50008</td>
<td>45</td>
<td>0.5</td>
<td>0.75</td>
<td>$1.50</td>
<td>$1.75</td>
<td>$1.50</td>
<td>$1.33</td>
</tr>
<tr>
<td>A1006</td>
<td>22008</td>
<td>45</td>
<td>0.5</td>
<td>0.75</td>
<td>$1.50</td>
<td>$1.75</td>
<td>$1.50</td>
<td>$1.33</td>
</tr>
<tr>
<td>A1007</td>
<td>40008</td>
<td>45</td>
<td>0.5</td>
<td>0.75</td>
<td>$1.50</td>
<td>$1.75</td>
<td>$1.50</td>
<td>$1.33</td>
</tr>
</tbody>
</table>

#### Standard “C” Batteries

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1018</td>
<td>20008</td>
<td>45</td>
<td>4.92</td>
<td>0.50</td>
<td>$0.63</td>
<td>$0.80</td>
<td>$0.57</td>
<td>$0.50</td>
</tr>
<tr>
<td>A1019</td>
<td>23008</td>
<td>45</td>
<td>4.92</td>
<td>0.50</td>
<td>$0.63</td>
<td>$0.80</td>
<td>$0.57</td>
<td>$0.50</td>
</tr>
<tr>
<td>A1020</td>
<td>55400</td>
<td>45</td>
<td>4.92</td>
<td>0.50</td>
<td>$0.63</td>
<td>$0.80</td>
<td>$0.57</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

### Vesta 6 Volt Storage Batteries

#### 13 Plate

- **A10013**: 60, heavy-duty 700 volt, net 20 lbs. 
  - List Price: $51.75
  - Net Price: $51.25

#### 15 Plate

- **A10015**: 60, heavy-duty 700 volt, net 20 lbs. 
  - Your Special Price: $5.45

### Eveready Air Cell

#### “A” Battery

For use only with 2 volt battery sets. Very economical. Rated at 600 Amp. hours with useful life of about 1000 hours. The A500 is for use with maximum drain of 600 M.A. These plug-in type cells have a capacity of 500 m.A., with a maximum drain of 750 M.A. **Not available.** 

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A10026</td>
<td>8A-500</td>
<td>45</td>
<td>16</td>
<td>21.00</td>
<td>$2.95</td>
<td>$3.25</td>
<td>$2.86</td>
<td>$2.58</td>
</tr>
</tbody>
</table>

#### “B” Battery

- **A10013**: 60, heavy-duty 700 volt, net 20 lbs. 
  - List Price: $51.75
  - Net Price: $51.25

### Tubaflash Light Uni-Cells

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1116</td>
<td>100</td>
<td>6</td>
<td>1/3x1.5</td>
<td>3/4</td>
<td>6.00</td>
</tr>
</tbody>
</table>

### Tubular Flashlight Uni-Cells

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1116</td>
<td>100</td>
<td>6</td>
<td>1/3x1.5</td>
<td>3/4</td>
<td>6.00</td>
</tr>
</tbody>
</table>

### Dry Cell “A” Batteries

Two new 1/2 volt units. Both are smaller than the old No. 6 cell but the 44A is equal to it in capacity. The 44A, the lowest unit, has slightly less current capacity. Both have screw terminals.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1118</td>
<td>5F4A</td>
<td>4/5A</td>
<td>1/4</td>
<td>0.45</td>
<td>0.50</td>
</tr>
<tr>
<td>A1119</td>
<td>6F4A</td>
<td>7/16A</td>
<td>1/4</td>
<td>0.45</td>
<td>0.50</td>
</tr>
</tbody>
</table>

### Tubular Flashlight Uni-Cells

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1116</td>
<td>100</td>
<td>6</td>
<td>1/3x1.5</td>
<td>3/4</td>
<td>6.00</td>
</tr>
</tbody>
</table>

### Dry Cell 5-Volt “A” Batteries

Developed for 2 volt battery sets. Does not require recharging or filling with water ready for immediate use. Provides 400 hours service for each ampere discharge 3 hours daily. 10/36 V, 1/36 A, Wt. 12 lbs. **Not Available.**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A10004</td>
<td>10004</td>
<td>6</td>
<td>1/3x1.5</td>
<td>3/4</td>
<td>6.00</td>
</tr>
</tbody>
</table>

### Dry Cell 5-Volt “A” Batteries

- **A10004**: 6, high-rate homcharger, 600 m.A., 8.5 hours at 10 amp. rate, Wt. 12 lbs. 
  - List Price: $11.47
  - Net Price: $11.00

### Dry Cell 5-Volt “A” Batteries

- **A10004**: 6, high-rate homcharger, 600 m.A., 8.5 hours at 10 amp. rate, Wt. 12 lbs. 
  - List Price: $11.47
  - Net Price: $11.00

### G. E. Tungsten Bulbs

The well known, highly efficient G. E. Tungsten bulb. Used in many standard chargers. Will replace Reelakt bulbs of the same rating. Wt. 1/2 lb. **Not Available.**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A1040</td>
<td>40</td>
<td>3</td>
<td>3/4</td>
<td>0.50</td>
<td>0.50</td>
</tr>
</tbody>
</table>

### Pionier Gas Engine Driven Generators

A sturdy dependable generator for supplying 110 volts A.C. for all purposes where the power demand does not exceed 360 watts. **Not Available.**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A10215</td>
<td>10215</td>
<td>110</td>
<td>5/8</td>
<td>0.50</td>
<td>0.50</td>
</tr>
</tbody>
</table>

### Compact Carter Generators

- **A9213**: Operates from 6 volt battery, delivers 2.5 amp. at 670 W. V. Draws 2.5 amp. 
  - Price: $59.95

- **A9212**: Delivers 180 volts at 30 m.A, tapped at 90 W. Works from 12 volt battery at drain of 2.5 m.A. 
  - Your Price, Either Model: $970
READY TO SERVE YOU!

- ALLIED SERVES YOU BETTER BECAUSE WE ARE 100% RADIO SPECIALISTS
- OUR LOW PRICES SAVE YOU MONEY
- WE CARRY COMPLETE STOCKS ON HAND AT ALL TIMES

You can depend on ALLIED for fastest service, highest quality, greatest value. Our entire organization is keyed to meet your needs—

Skilled radio technicians help you select the equipment you need, accurately and economically—answer your inquiries quickly, personally, expertly!

10,000 selected radio items—the cream of quality radio—tested and approved by expert engineers—assure you of highest quality always—make your radio buying easier and more profitable!

ALLIED'S economical merchandising, tremendous purchasing power and efficient shipping methods bring you the finest values in Radio—quickly and safely—at the lowest prices. You save in time, trouble and money on every purchase when you order from ALLIED!

ALLIED IS READY TO SERVE YOU . . . SPEEDILY AND BEST!
The RME 69 S.S. Superhet

A precision-built receiver that develops exceptional efficiency across a frequency range from 600 to 32,000 Kc. Has two 5 inch illuminated dials, calibrated for accurate tuning. Features: Calibrated tuning meter, crystal filter, built-in modulation monitor and tuned preselector stage, electronically controlled crystal filter, and all major parts subjected to rigid tests; highest quality workmanship throughout. Tubing included with each set, along with all materials used for final laboratory tests. Every RME 69 is adjusted and aligned for perfect performance before shipment. Every crystal filter used for final laboratory tests. Every RME 69 is adjusted and aligned for perfect performance before shipment.

Your Price: $134.90

HALLICRAFTERS SHORT WAVE RECEIVERS

SKY BUDDY

New circuit makes five tubes do the work of eight. Tunes from 18 to 55 meters. In 44 tubes. Features include iron core I.F. transformers; Daico Micro-Vernier dial; 150 volt electrical supply; 110 volt 6BP6, 6DQ5, 6DQ7, and 6EM4, all selected for their performance. Each tube has a built-in ganged plug-in coils; single control tuning; signal generator; meter calibrated in "S" units; volume switch; built-in ganged plugs in coils covering 1.7 to 50 MC. Less speaker and power supply $67.50.

Your Price: $209.00

ULTRA SKY RIDER

Tunes from 3.5 to 53 meters in 5 bands. Features include iron core I.F. transformers; Daico Micro-Vernier dial; 150 volt electrical supply; 110 volt 6BP6, 6DQ5, and 6DQ7, all selected for their performance. Each tube has a built-in ganged plug-in coils; single control tuning; signal generator; meter calibrated in "S" units; volume switch; built-in ganged plugs in coils covering 1.7 to 50 MC. Less speaker and power supply $67.50.

Your Price: $167.70

HAMMELUMD "SUPER PRO"

Hammerlund's finest achievement in a professional receiver. Five wave bands provide continuous coverage from 1.7 to 30 MC; from 30 to 540 Kc. (15 to 560 meters; Main dial is calibrated in millivolts from 2.5, 20 MC, and in kilovolts from 540 Kc. Band change is accomplished by a single position, multiple silver contact switch. Features include: Variable I.F. selectivity by A.V.C. and built-in ganged plug-in coils; single control tuning; signal generator; meter calibrated in "S" units; volume switch; built-in ganged plug-in coils covering 1.7 to 50 MC. Less speaker and power supply $69.50.

Your Price: $119.60

NEW ACR-175 RECEIVER

A new RCA Receiver that will do credit to any Amateur Station. Has every feature of design and construction, including 5 to 600 meters continuous. Has new crystal filter, "Magic Eye" tuning indicator, iron-core I.F.'s, 11 new tubes, 2 I.F. stages, built-in power supply and high-gain preselector, Signal-to-noise ratio is extremely high. New improved A. V. C. and increased band-spread make operation in both medium and long waves easy. Has separate electret-dip control speaker. New type volutet drive tuning control is absolutely free of backlash. RCA ACR-175 is completely built-in, with all metal cabinets. Power transformer operates on 110 volts, 25 to 60 cycles.

Your Price: $119.60

NATIONAL RECEIVERS

NC-100

A new, amazingly efficient 12 tube Superhet for the Amateur or Short-Wave Listener. Capable of extremely high performance over a frequency range of from 300 Kc. to 32,000 Kc. Combines the rapid tuning with the change switch with the high sensitivity of a high performance two-division plug-in coil. Tuning dial has Micrometer worm-gear drive assembly; accurate readings to one part in 850; tuning ratio 50:1. Panel controls consist of: Crystal Diode; Range Selector; Combination Selector; Combined A.C. and D.C. Power Supply; Switch; R.F. gain; Audio output; B.B. Selector; A.C. or D.C. Power Supply; Preselector control switch; Combined A.C. and D.C. Power Supply; Sensitive A.M. and F.M. receiver. Crystals have variable selectivity and phasing controls. Preset stage on all frequencies. Two frequencies: 430 Kc. 440 Kc.; 560 Kc., 570 Kc.; 680 Kc., 690 Kc.; 780 Kc., 790 Kc.; 880 Kc., 890 Kc.; 990 Kc., 995 Kc.; and 1080 Kc., 1090 Kc. Strength of incoming signals may be accurately read by means of calibrated electron-ray tube mounted on front panel and 19" dynamic speaker supplied receives field current from built-in power supply. Cabinet finished in black enamel finish. Size 17" x 13" deep, 9" high. Speaker mounted in a metal cabinet, reinforced with wood, and finished to match the cabinet receiver. Shpg. wt. 25 lbs.

Your Price: $140.60

HRO "SENIOR"

A nine tube Superhet that meets the most exacting requirements. Embodies such desirable features as: Two tuned R.F. stages; crystal filter; crystal filter; ganged plug-in coils; single control tuning; signal generator; meter calibrated in "S" units; volume switch; built-in ganged plug-in coils covering 1.7 to 50 MC. Less speaker and power supply $67.50.

Your Price: $167.70

AB POWER SUPPLY

A01046, Type 5895 6A, Heavy-duty power pack for use with A10046, A10047. Wt. 16 lbs. List: $26.50. NET: $15.90

RCA ACR-136 AMATEUR COMMUNICATION RECEIVER

A self-contained 7 tube Superhet receiver for the Amateur and the Short Wave Enthusiast. Has many desirable features: Beat oscillator, V.C. sensitivity control; Calibrated dial, built-in power supply and dynamic speaker; has smooth band-change switch. RCA ACR-136 has complete with a matched set of R.C.A. tubes consisting of 5-DE6, 1-6SE7, 1-6ES7, and 1-80. For 110 volt, 60 cycles A.C. operation. Wt. 20 lbs. List: $85.00.

Your Price: $114.50

EXTRA COILS

Plug-in coils for A01045, A01046, and A01047. Wt. 6 lbs. List: $26.50. NET: $15.90

See Pages 109-134 of Our Big Catalog for Complete Amateur Listing.
KNIGHT SUPER-GAINER S.W. KIT
Latest design, improved circuit uses 4 all-metal tubes to give 7-W output, 5-W audio, Exceptional sensitivity and selectivity results from the use of regeneration in the first and second detector stages. The new 6L7 mixer tube allows the complete elimination of degaussing between oscillator and first detector, providing extreme increase in sensitivity. Features: Bandspread, high quality dual regeneration control, iron core I.F. transformer, isolating power transformer, all separate and adequate shielding. Complete kit includes punched chassis base and front panel, special shield, tube and coil setup, complete instructions, hardware, etc. Requires 1-6L7, 1-6G2 and 1-567. Use 1-6L7. $14.50

A9505. Complete kit of parts with 80 volt tubes, 30-300, less tubes. NET. $3.40

A9506. Complete kit of parts, 16G2, 6G2, 567 tubes. 10, 20, 40, and 160 meter bands, with adequate overlap for short wave broadcast band coverage. NET. $4.95

A. C. POWER SUPPLY FOR SUPER GAINER
A9507. Complete kit of parts. Output 240 V. D.C. and 63.5 V. at 1.6 A. Kit includes punched chassis base, transformer, chokes, condensers, sockets, cable, wires, diagrams, instructions, etc. Requires 1-6X5, 2-6G7, 1-6G2, 1-6L7, 4-567, 1-124. NET. $39.90

A10230. YOUR PRICE. $39.90

A10231. Browning KIT as above, but metal tube model. Requires 1-6G2, 2-6G7, 1-6L7, 4-567. NET. $41.65

TOBE AMATEUR RECEIVER KIT
Similar to the Browning 35 but designed to cover only the Amateur Bands of 20, 40, 80 meter, and 160 meter bands, with adequate overlap for short wave broadcast bands. Kit contains all necessary parts and diagrams, only tubes, coils, batteries and headphones. Special power supply kit is listed below.

A10235. COMPLETE KIT. YOUR PRICE. $74.90

ELECTRALLOY CHASSIS AND PANELS
Rustproof, non-rusting, non-corroding metal chassis bases. Easy to cut, not sold or soldered. Bases are folded on edges, open bottoms. Requires 1-6X5, 2-6G7, 1-6G2, 1-6L7, 4-567. NET. $0.68

A9556. 7" x 9" x 3". $0.68

A9557. 7" x 11" x 3". $0.75

A9558. 7" x 11" x 3". $0.88

A9559. 10" x 12" x 3". $0.96

A9560. 10" x 13" x 3". $1.23

A9561. 10" x 13" x 3". $1.45

Cut to Size We can punch out panels cut to any size, at 1/4 sq. inch. Minimum order 95c.

KNIGHT 5 METER TRANSCEIVER
TWO-WAY 50-60 MC AMATEUR PHONE KITS
Easy to build and operate; the range is entirely dependable. Uses a single type 19 tube in 127 volt push-pull unity-coupled oscillator, circuit, giving you 100% overlap on HF. For reception the same tube acts as push-pull super-regenerative detector. Simple parts of half-wave rectifier may be used for the antenna. Complete circuit and parts list available at 50 to cover handling and mail orders. Kit contains all necessary parts for building the chassis model shown. Including: transformers, loading coils, samplers, dial, condensers, resistors, insulated socket, hardware, instructions, etc. Complete kit for 500 tubes, 60 vac., and repeat. NET. $5.50

A9656. YOUR PRICE. $5.50

DELUXE PORTABLE KIT
A9654. Same kit as above but includes a compact leatherette-covered carrying case with room for all batteries, handset, etc. NET. $9.32

KNIGHT METAL TUBE DX-ER KIT
An extremely efficient, easy-to-build receiver of modern, up-to-date design. Uses two metal tubes, 6808 127 volt type tubes in 6814-6815. Features full band spread tuning; electron-coupled detector; shielded capsule. Chassis construction; ultra-low-noise, high gain, regulated control; non-critical antenna input. May be used with 1-496 tubes and band-pass f.1.0 for high selectivity. Amplifier 1-6C4, 1-6G4, 1-6L7, 2-6G7, 2-6G8, 2-6G2 and 1-567. Requires 63.5 volts for plate supply. Kit contains all necessary parts and diagrams. Requires 2-496 tubes, coils, batteries and headphones. Special power supply kit is listed below.

A9511. YOUR PRICE. $6.60

A9512. 1-496 metal tube DX-ER. 16 to 195 meters. YOUR PRICE. $1.25

A.C. POWER SUPPLY
A9513. Complete kit of parts for the DX-ER chassis model. Requires 1-496 tube (not included). Chassis, band-pass filter, dial, condenser, oscillator, load, panel, etc., with complete wiring diagram. Necessary accessories are listed below.

A9520. YOUR PRICE. $4.95

A9574. 4 coils, cover 16 to 217 meters. NET. $1.03

A9521. Accessories: 1-250 volt rectifier, 2-496 tubes, 30 tubes, 2 Dry cells, and 2-10 volt "B" batteries. NET. $2.87

A2800. Brand new 2400 ohm headphones. NET. $1.50

Improved Hammarlund Midget Condensers
High quality midget condensors of improved design. Thoroughly insulated with isolating paper. Brass plates 0.025" thick with an 0.025" air gap are securely fastened to the center plate. Wide bearing surfaces for maximum area. Securely fastened to the center plate. Wide bearing surfaces for maximum area. The plates are set apart to allow for good contact. Consult catalog for details. $0.82

NATIONAL R-100 R.F. CHOKE
Ideal for high frequency circuits. Has continuous 4 section universal winding on insulated form. Inductance 25% of capacity 2 mm. Current rating 125 M.A. A6879. 50.00. NET. $3.85

QUALITY POWER SUPPLY MODEL XPC
Delivered at 100 watts D.C. at 65. M.A. rated at 100 and 220 volts. Supplies 2500 watts C.T. at 3 amperes for elements, etc. Requires 1-6L7 tube. Metal chassis finished black. Wired and tested. A9190. YOUR PRICE. $4.95

PHOTO CELL AND RELAY
Contains a sensitive photo-cell and quick acting relay. Can be used to control lights, doors, etc., or as a part of any other apparatus. Suitable light source is listed below. Complete with photo-cell. For 110 volt, 60 cycle. A6860. $4.10

LIGHT SOURCE FOR ABOVE

Black Crystallizing Lacquer
Can be applied to any metal surface with either brush or spray. Protects from minute air drying. A1950. 2 oz. Can. $0.21
A1951. 8 oz. Can. .75
A1953. 1 pt. Can. 1.25

ALLIED RADIO CORPORATION, 833 W. JACKSON BLVD., CHICAGO, ILL. 31
### AMERICAN BELL SENSITIVE HEADPHONES

These unusually sensitive and efficient headphones are the product of one of America's foremost manufacturers, and are noted for fidelity and clarity of tone. Their minimum sensitivity is high, and light aluminum cups make them light in weight. The fine magnet gives added retentivity, D.C. bias is designed with the fine reception made possible with these quality head-phones. Wt., 2 lbs.

<table>
<thead>
<tr>
<th>Model</th>
<th>Ohms</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2807</td>
<td>3,000</td>
<td>$1.25</td>
<td>97c</td>
</tr>
<tr>
<td>A2806</td>
<td>2,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### AMERICAN BELL SINGLE HEADPHONE

A comfortable dependable single unit headphone which is easy to wear. Has a single spring headband which is light and comfortable construction. May be used on any set equipped for phones; also for multi-unit hearing-aids installations. Complete with cord.

<table>
<thead>
<tr>
<th>Model</th>
<th>Ohms</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2813</td>
<td>66c</td>
<td>$66c</td>
<td>79c</td>
</tr>
<tr>
<td>A2814</td>
<td>1,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### BRANDES PHONES

Well known phones of excellent construction, whose quality is recognized everywhere. Extremely sensitive: respond to the faintest signals. Light in weight. Have adjustable headband. Resistance is 2,400 ohms per pair. Wt., 2 lbs.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2800</td>
<td>$1.59</td>
<td></td>
</tr>
</tbody>
</table>

### TRIMM FEATHERWEIGHT PHONES

Of Hearing, etc. The standard phones are for work. The Phones are adjustable. Steel headband has 36% Cobalt steel magnet.

<table>
<thead>
<tr>
<th>Model</th>
<th>Ohms</th>
<th>NET</th>
<th>PER PAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2820</td>
<td>4,000</td>
<td>$5.88</td>
<td></td>
</tr>
<tr>
<td>A2823</td>
<td>2,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SINGLE UNIT FEATHERWEIGHT PHONES

**HEADBAND STYLE**

With adjustable steel headband, ideal for general purpose of Short Wave work and have a 36% Cobalt steel magnet.

<table>
<thead>
<tr>
<th>Model</th>
<th>Ohms</th>
<th>NET</th>
<th>PER PAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A5270</td>
<td>4,000</td>
<td>$5.88</td>
<td></td>
</tr>
<tr>
<td>A5273</td>
<td>2,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### GLASS ENCLOSED CRYSTAL DETECTOR

A dust-proof glass enclosed detector complete. Has sensitive crystal. Standard in design of the crystal sets made. A fast selling item. Shp. wt., 8 oz.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8101</td>
<td>$2.22</td>
<td></td>
</tr>
</tbody>
</table>

### PHILMORE FIXED CRYSTAL DETECTOR

Carefully tested mounted crystal. Sensitivity guaranteed. Fits all standard crystal cups.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1511</td>
<td>6c</td>
<td></td>
</tr>
</tbody>
</table>

### PHILMORE CRYSTAL SETS

#### THE BLACKBIRD

A first quality crystal set presented at the lowest possible price. Requires no tubes or batteries. Delivers programs loud, clear and without distortion. housed in crystal-line dominion metal cabinet with attractive front panel. Employed a detector crystal enclosed super-sensitive crystal detector making possible the best results. Accessories of good quality are listed below.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7050</td>
<td>$1.62</td>
<td></td>
</tr>
</tbody>
</table>

#### LITTLE GIANT

Offers the utmost in entertainment on local stations with the extensive chain programs now being broadcast from stations all over the country. The crystal enclosed in a dust proof glass case helps bring stations in loud and clear. Shp. wt., 2 lbs.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7051</td>
<td>$1.50</td>
<td></td>
</tr>
</tbody>
</table>

#### PHILMORE SELECTIVE

Designed to give the most efficient results. Possesses unusual selectivity. Built with a twisted coil matched with a .0005 Mfd. variable condenser. Very sensitive and easy to tune. Reception is loud and clear. Set has double connection ports making possible the use of any two pairs of headphones at one time. housed in a cradle finish metal cabinet with panel of modernistic design. Wt., 3 lbs.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A838</td>
<td>$2.35</td>
<td></td>
</tr>
</tbody>
</table>

### CRYSTAL SET ACCESSORY KIT

Complete equipment for operating any of the above crystal sets. Consists of a set of good-quality headphones, aerial and ground wire, lead-in strip, lightning arrester, insulators and all necessary parts for a perfect aerial installation. Shp. wt., 4 lbs.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7054</td>
<td>$1.38</td>
<td></td>
</tr>
</tbody>
</table>

### NEW DUPLEX REAL PHONES

Attractive two-way French style telephones that operate on dry cell batteries. Furnished in pairs — ready for use. Only 2 standard dry cells for each set need be added. Practically any home or at work; especially convenient for room-to-room, or house-to-garage telephone. Equally useful in offices, stores, etc. Full instructions for rapid connection. Set consists of 2 Real Duplex of cordless types. Complete with 35 feet of wire. Additional wiring may be added as required. Available in four colors.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A980</td>
<td>$4.12</td>
<td></td>
</tr>
<tr>
<td>A981</td>
<td>$4.12</td>
<td></td>
</tr>
<tr>
<td>A982</td>
<td>$4.12</td>
<td></td>
</tr>
<tr>
<td>A983</td>
<td>$4.12</td>
<td></td>
</tr>
</tbody>
</table>

### ACCESSORIES

- **A150**: Dry Cells for use with Realphones. NET EA., 80.19
- **A1984**: 100 ft. 3 cord. cable for outdoor use. NET., 1.37
- **A1985**: 100 ft. cable for indoor use. NET., 1.37

**MULTIPLE PHONE SYSTEMS**: Write for Serv-U-Phone Literature, showing private telephone systems having from 2 to 10 stations. We also supply many types of private telephone systems using multiple phone units for use in hotels, offices, factories, theaters, hospitals, between house and garage, in the home, etc. Writes to us, furnishing full specifications, and we shall quote to meet your exact needs.

### SENSITIVE MOUNTED CRYSTAL DIAL

Carefully tested mounted crystal. Sensitivity guaranteed. Fits all standard crystal cups.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET EACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>A151</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

### METER TESTED CRYSTAL

Laboratory tested on very sensitive meters. Genuine Galena crystal. Fits all crystal cups.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4150</td>
<td>19c</td>
<td></td>
</tr>
</tbody>
</table>

### DOUBLE PHONE PLUG

Molded of brown bakelite. Nickel plated brass hardware. Takes 5 seconds to attach and is held firmly in place with screws.

<table>
<thead>
<tr>
<th>Model</th>
<th>NET</th>
<th>YOUR PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A6515</td>
<td>19c</td>
<td></td>
</tr>
</tbody>
</table>
CARBON RESISTORS Wire-Wound

OHMITE 10 WATT "RED DEVIL" RESISTORS

For all radio requirements. Wire-wound on low-loss porcelain core with refractory cement which protects wire even at red heat. Will not deteriorate in usage. 3% Tolerance. Efficiency is 100% at rated wattage; will stand temporary overloads of up to 50 watts. Size, 1 1/2 x 1 1/2". With firmly anchored 1/8" tinned leads.

<table>
<thead>
<tr>
<th>No.</th>
<th>Ohms</th>
<th>No.</th>
<th>Ohms</th>
<th>No.</th>
<th>Ohms</th>
<th>No.</th>
<th>Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2181</td>
<td>1</td>
<td>A2222</td>
<td>5000</td>
<td>A2191</td>
<td>25</td>
<td>A2223</td>
<td>10000</td>
</tr>
<tr>
<td>A2182</td>
<td>2</td>
<td>A2224</td>
<td>1000</td>
<td>A2192</td>
<td>30</td>
<td>A2225</td>
<td>15000</td>
</tr>
<tr>
<td>A2183</td>
<td>3</td>
<td>A2226</td>
<td>1500</td>
<td>A2193</td>
<td>40</td>
<td>A2226</td>
<td>20000</td>
</tr>
<tr>
<td>A2184</td>
<td>4</td>
<td>A2228</td>
<td>2000</td>
<td>A2194</td>
<td>50</td>
<td>A2228</td>
<td>25000</td>
</tr>
<tr>
<td>A2185</td>
<td>5</td>
<td>A2230</td>
<td>2500</td>
<td>A2195</td>
<td>60</td>
<td>A2230</td>
<td>30000</td>
</tr>
<tr>
<td>A2186</td>
<td>6</td>
<td>A2232</td>
<td>3000</td>
<td>A2196</td>
<td>70</td>
<td>A2232</td>
<td>35000</td>
</tr>
<tr>
<td>A2187</td>
<td>7</td>
<td>A2234</td>
<td>3500</td>
<td>A2197</td>
<td>80</td>
<td>A2234</td>
<td>40000</td>
</tr>
<tr>
<td>A2188</td>
<td>8</td>
<td>A2236</td>
<td>4000</td>
<td>A2198</td>
<td>90</td>
<td>A2236</td>
<td>45000</td>
</tr>
<tr>
<td>A2189</td>
<td>9</td>
<td>A2238</td>
<td>4500</td>
<td>A2199</td>
<td>100</td>
<td>A2238</td>
<td>50000</td>
</tr>
<tr>
<td>A2201</td>
<td>100</td>
<td>A2240</td>
<td>5000</td>
<td>A2202</td>
<td>150</td>
<td>A2242</td>
<td>60000</td>
</tr>
<tr>
<td>A2203</td>
<td>150</td>
<td>A2244</td>
<td>6000</td>
<td>A2204</td>
<td>200</td>
<td>A2246</td>
<td>70000</td>
</tr>
<tr>
<td>A2205</td>
<td>200</td>
<td>A2248</td>
<td>7000</td>
<td>A2206</td>
<td>250</td>
<td>A2250</td>
<td>80000</td>
</tr>
<tr>
<td>A2207</td>
<td>250</td>
<td>A2252</td>
<td>8000</td>
<td>A2208</td>
<td>300</td>
<td>A2254</td>
<td>90000</td>
</tr>
</tbody>
</table>

List Each, 40¢. YOUR PRICE EACH

NEW IRC INSULATED TYPE "BT" METALLIZED RESISTORS

An improved new resistor design makes these units outstanding and desirable in every way. The metallized resistor element is sealed in completely by a special high voltage insulating material which absolutely eliminates danger of grounding. New size gives unusual convenience. Will handle heavy-duty lengths and is provided. The heavy casing of insulating material makes these new units shock-proof and water-proof. Accurate, durable, safe and the quiet performance of these new type resistors renders them ideal for use in A/C circuits, high gain amplifiers, etc. The resistance element is sealed in against moisture. Leads are effectively bonded to the resistance element. Be sure to specify value desired, when ordering.

STANDARD STOCK RANGES

<table>
<thead>
<tr>
<th>OHMS</th>
<th>OHMS</th>
<th>OHMS</th>
<th>OHMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>750</td>
<td>1000</td>
<td>1500</td>
</tr>
<tr>
<td>100</td>
<td>800</td>
<td>1250</td>
<td>2000</td>
</tr>
<tr>
<td>150</td>
<td>850</td>
<td>1500</td>
<td>2500</td>
</tr>
<tr>
<td>200</td>
<td>900</td>
<td>2000</td>
<td>3000</td>
</tr>
<tr>
<td>250</td>
<td>950</td>
<td>2500</td>
<td>3500</td>
</tr>
<tr>
<td>300</td>
<td>1000</td>
<td>3000</td>
<td>4000</td>
</tr>
<tr>
<td>350</td>
<td>1050</td>
<td>3500</td>
<td>4500</td>
</tr>
<tr>
<td>400</td>
<td>1100</td>
<td>4000</td>
<td>5000</td>
</tr>
<tr>
<td>450</td>
<td>1150</td>
<td>4500</td>
<td>5500</td>
</tr>
<tr>
<td>500</td>
<td>1200</td>
<td>5000</td>
<td>6000</td>
</tr>
<tr>
<td>550</td>
<td>1250</td>
<td>5500</td>
<td>6500</td>
</tr>
<tr>
<td>600</td>
<td>1300</td>
<td>6000</td>
<td>7000</td>
</tr>
<tr>
<td>650</td>
<td>1350</td>
<td>6500</td>
<td>7500</td>
</tr>
<tr>
<td>700</td>
<td>1400</td>
<td>7000</td>
<td>8000</td>
</tr>
<tr>
<td>750</td>
<td>1450</td>
<td>7500</td>
<td>8500</td>
</tr>
<tr>
<td>800</td>
<td>1500</td>
<td>8000</td>
<td>9000</td>
</tr>
<tr>
<td>850</td>
<td>1550</td>
<td>8500</td>
<td>9500</td>
</tr>
<tr>
<td>900</td>
<td>1600</td>
<td>9000</td>
<td>10000</td>
</tr>
<tr>
<td>950</td>
<td>1650</td>
<td>9500</td>
<td>10500</td>
</tr>
<tr>
<td>1000</td>
<td>1700</td>
<td>10000</td>
<td>11000</td>
</tr>
<tr>
<td>1050</td>
<td>1750</td>
<td>10500</td>
<td>11500</td>
</tr>
<tr>
<td>1100</td>
<td>1800</td>
<td>11000</td>
<td>12000</td>
</tr>
<tr>
<td>1150</td>
<td>1850</td>
<td>11500</td>
<td>12500</td>
</tr>
<tr>
<td>1200</td>
<td>1900</td>
<td>12000</td>
<td>13000</td>
</tr>
<tr>
<td>1250</td>
<td>1950</td>
<td>12500</td>
<td>13500</td>
</tr>
<tr>
<td>1300</td>
<td>2000</td>
<td>13000</td>
<td>14000</td>
</tr>
<tr>
<td>1350</td>
<td>2050</td>
<td>13500</td>
<td>14500</td>
</tr>
<tr>
<td>1400</td>
<td>2100</td>
<td>14000</td>
<td>15000</td>
</tr>
</tbody>
</table>

24¢

KNEIGHT CARBON RESISTORS

The finest carbon resistors you can buy at any price. Use these highest quality units with confidence in any R.F. or Audio circuit. Knight Carbon Resistors are of solid molded construction permanently bonded, with solid cross-section, impermeable to moisture, quiet in operation, non-inductive; have low temperature coefficients; are mechanically strong. They will carry 100% overload without being permanently affected. Tinned soft-drawn copper leads are "copper-bonded" by oxygen welding process to the solid resistor base. Each resistor is RMA Color Coded. The tolerance of each and every Knight Carbon Resistor is held within ±6% (average close to 5%) by automatic testing machines.

<table>
<thead>
<tr>
<th>Resis. OHMS</th>
<th>1/2 WATT</th>
<th>1 WATT</th>
<th>2 WATT</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>1/4514</td>
<td>1/4515</td>
<td>1/4516</td>
</tr>
<tr>
<td>150</td>
<td>1/4517</td>
<td>1/4518</td>
<td>1/4519</td>
</tr>
<tr>
<td>200</td>
<td>1/4520</td>
<td>1/4521</td>
<td>1/4522</td>
</tr>
<tr>
<td>250</td>
<td>1/4523</td>
<td>1/4524</td>
<td>1/4525</td>
</tr>
<tr>
<td>300</td>
<td>1/4526</td>
<td>1/4527</td>
<td>1/4528</td>
</tr>
<tr>
<td>350</td>
<td>1/4529</td>
<td>1/4530</td>
<td>1/4531</td>
</tr>
<tr>
<td>400</td>
<td>1/4532</td>
<td>1/4533</td>
<td>1/4534</td>
</tr>
<tr>
<td>450</td>
<td>1/4535</td>
<td>1/4536</td>
<td>1/4537</td>
</tr>
<tr>
<td>500</td>
<td>1/4538</td>
<td>1/4539</td>
<td>1/4540</td>
</tr>
<tr>
<td>550</td>
<td>1/4541</td>
<td>1/4542</td>
<td>1/4543</td>
</tr>
<tr>
<td>600</td>
<td>1/4544</td>
<td>1/4545</td>
<td>1/4546</td>
</tr>
</tbody>
</table>

RMA Color Coded

2 WATT

1 WATT

1/2 WATT

KNIGHT CARBON RESISTOR KITS

EACH KIT CONTAINS 24 POPULAR VALUES

These handy Knight Resistor Kits contain 24 Knight Carbon Resistors of the most popularly used values will save you time and money. Values not listed may be quickly obtained by combining 2 or more units. Each Kit is packed in a handy, durable container of a convenient size to fit in your tool kit, or for handy use on your service bench.

KITS CONTAIN EACH OF:

<table>
<thead>
<tr>
<th>OHMS</th>
<th>OHMS</th>
<th>OHMS</th>
<th>OHMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>90</td>
<td>100</td>
<td>110</td>
</tr>
</tbody>
</table>

1/2 WATT KIT

Consists of one each of the above resistors in 1/2 watt size.

YOUR PRICE...

$1.25

1 WATT KIT

Consists of one each of the above resistors in 1 watt size.

YOUR PRICE...

$1.05

HANDY R.M.A. COLOR CODE GUIDE

A handy pocket-size color-coding guide with rotary discs which show how and what colors of resistors according to standard R.M.A. color code. Gives resistance value quickly and easily; eliminates filing.

AS1019

YOUR PRICE...

$0.90

FREE with order for Knight resistor kit or 24 assorted Knight resistors.

ALLIED RADIO CORPORATION, 833 W. JACKSON BLVD., CHICAGO, ILL.
### DE LUXE AERIAL KIT
A fine aerial kit value. Makes an efficient antenna. Kit contains 70 ft. of 200 strand copper wire, lead-in wire, Ground Lead-in wire, 2 Porcelain Insulators, 2 Snap-on Insulators, 1 Sleeve for Insulator, 1 Strap Type Ground Clump, specify color. 30 lbs.

- **Price:** $63c

### STANDARD AERIAL KIT
Includes all materials for an efficient "Marine Type" antenna for use with any set. Consists of: 50 ft. of .026 stranded copper wire, 25 ft. of rubber-covered lead-in wire, 2 Porcelain Insulators, 2 Snap-on Insulators, 1 Strap Type Ground Clamp. Specify color. 4 lbs.

- **Price:** $37c

### AERIAL WIRE VALUES
Exceptionally high quality hard drawn copper wire. Has very little "memory". Enamelled wire will not corrode and has high tensile strength. Excellent for all aerial requirements - All-Wave, Short-Wave, VHF etc. Single, double or cage type.

#### 7x26 STRANDED
- **A4338.** 50 ft. $9c
- **A4339.** 100 ft. $17c

#### 7x22 STRANDED
- **A4335.** 50 ft. $10c
- **A4336.** 100 ft. $29c

### ALL-PURPOSE LEAD-IN WIRE
**RUBBER COVERED LEAD-IN WIRE**
Solid Wire
- **A4375.** 50 ft. $0.05
- **A4376.** 100 ft. $0.10
- **A4377.** 100 ft. $0.20
- **A4378.** 100 ft. $0.30

Stranded Wire
- **A4379.** 50 ft. $0.05
- **A4380.** 100 ft. $0.10
- **A4381.** 100 ft. $0.20
- **A4382.** 100 ft. $0.30

### HANDYCORD LAMP CORD
Rubber-jacketed flexible cord; each conductor is No. 18 stranded copper wire, separately insulated in tough rubber sheath that splits exactly down center when pulled apart.

- **A4310.** Brown, 10 ft. $1.25
- **A4311.** White, 10 ft. $1.25
- **A4312.** Black, 10 ft. $1.25

### MAGNET WIRE ON SPOOLS
Highest grade obtainable. Ideal for winding armatures and solid coils, receiver and x-mitter coils, transformers, chokes, etc. Continuous length on each spool. Standard B & F gauge. We can supply magnet wire in all sizes in larger quantities than listed below. Write for prices.

#### PLAIN ENAMELED
- **A3526.** 14 gauge, 0.026 lb. $0.36
- **A3527.** 16 gauge, 0.016 lb. $0.33
- **A3528.** 18 gauge, 0.014 lb. $0.28
- **A3529.** 20 gauge, 0.012 lb. $0.25
- **A3530.** 22 gauge, 0.012 lb. $0.24
- **A3531.** 24 gauge, 0.011 lb. $0.22

#### DOUBLE COTTON
- **A3532.** 14 gauge, 0.026 lb. $0.36
- **A3533.** 16 gauge, 0.016 lb. $0.33
- **A3534.** 18 gauge, 0.014 lb. $0.28
- **A3535.** 20 gauge, 0.012 lb. $0.25
- **A3536.** 22 gauge, 0.012 lb. $0.24
- **A3537.** 24 gauge, 0.011 lb. $0.22

#### DOUBLE SILK
- **A3546.** 14 gauge, 0.026 lb. $0.36
- **A3547.** 16 gauge, 0.016 lb. $0.33
- **A3548.** 18 gauge, 0.014 lb. $0.28
- **A3549.** 20 gauge, 0.012 lb. $0.25
- **A3550.** 22 gauge, 0.012 lb. $0.24
- **A3551.** 24 gauge, 0.011 lb. $0.22

### CELANISE WRAPPED FILAMENT LEAD WIRE
Celanese-Wrapped Filament Lead Wire
Developed especially for use in heavy-duty filament circuits. No. 14 conductor made up of 41 strands of No. 30 tinned copper wire. Has double-wrap Celanese braid insulation. Available in red or black.

- **Price Each:** $38c

### PUSH-BACK HOOK-UP WIRE
**SOLID TINNED COPPER CORE**
Double cotton-covered, with paraffin treated damp-proof braiding which pushes back easily. Solid tinned copper jacket in either single-wire, double-wire or cage type.

#### 25 FOOT ROLLS
- **A3560.** Black PER 100 ft. $1.00
- **A3561.** Red PER 100 ft. $1.00
- **A3562.** Green PER 100 ft. $1.00
- **A3563.** Yellow PER 100 ft. $1.00
- **A3564.** Blue PER 100 ft. $1.00

#### 1000 FOOT SPOOLS
Solid push-back wire as described above in 1000 ft. continuous roll in any color listed. Available in colors listed. Specify color when ordering.

- **Price:** $3.05

### COTTON BRAID OVERALL
- **A3565.** Black PER 100 ft. $0.50
- **A3566.** Red PER 100 ft. $0.50
- **A3567.** Green PER 100 ft. $0.50
- **A3568.** Yellow PER 100 ft. $0.50
- **A3569.** Blue PER 100 ft. $0.50

### WOVEN SHIELDING OVERALL
Tightly woven overall shielding of 30 strands of No. 18 conductor. Insulated with rubber jacket. Any length.

- **Price:** $3.00

### SHIELD AND RUBBER JACKET OVERALL
Heavy rubber jacket over tinned copper shielding. Ideal for outdoor and heavy duty service.

- **Price:** $3.30

### CORD SET
A high grade 110 volt cord for use on radios, lamps, fans, amplifiers, etc. 6 foot cord with rubber plug.

- **Price:** $15c

### NOTE
Our complete 152 page catalog shows the largest selection of wire and aerial equipment available anywhere. We are the largest buyers of radio values, it's true, It pays to do your radio buying 100% from ALLIED.
New Tobe Window-Pole Antenna

- LOW NOISE PICKUP
- HIGH EFFICIENCY
- EASY TO INSTALL & INCONSPICUOUS
- ADJUSTABLE TO TWO POSITIONS

A new, convenient, and highly efficient antenna. Can be quickly installed on any window-sill or eaves. Surpassing more than ample pickup for any modern receiver and results in excellent signal-to-noise ratio. Model of collapsible design, constructed of special-steeled tubing. Can be mounted vertically or horizontally. Comes complete with lead-in and insulating. Comes complete with lead-in and insulating bracket. Includes 6 pieces of absorbent insulating. $1.15

ALSO AVAILABLE:
- No. 46 DOUBLE SYSTEM...
  - A new doublet type cage antenna designed for noise-free Short-Wave reception. Ideal for use with any All-Wave or Broadcast set. Comes complete with 25 ft. twisted twin lead-in. Each cage has 5 spacer rings and contains 100 ft. of wire. Should be used with an All-Wave coupling for maximum efficiency. Weight, 1 lb. $2.65
  - No. 25 DOUBLE SYSTEM...
    A noise-reducing aerial for use with all receivers where space is at a premium. Only 3 ft. long. Each 5 ft. cage contains 25 ft. of wire, connected to 25 ft. of twisted pair weather-proof lead-in wire. Includes 2 antenna insulators and instructions for installation. Weight, 1 lb. $1.76

Top Noise Rejector

New Tobe variable impedance-matching antenna unit designed for use with any Doublet antenna regardless of design. Background noise is absolutely eliminated by matching antenna to receiver. Quickly adjusted by means of knob on top. Improves Short-Wave reception. Weight, 1 lb. $1.47

Miller All-Wave INEMOISE Filter

An effective filter designed to eliminate troublesome line noise. Incorporates both inductive and capacitive filtering for sure results. Condensers are oil-filled. 60,000 cycles in a series of noise-laterally wound type. Simple to install; just plug filter cord into receiver and turn on. No need to break into filter; requires no adjustment. Assures noiseless reception from your radio. Will not affect waviness. Line cord and plug attached. For 110 volt use. $2.35

Bud Interference Filter

A highly serviceable filter that does away with "men-made interference" such as that caused by belts, refrigerators, etc. Each unit is skillfully designed by means of cord and plug supplied. As a capacity filter, there is no danger of damage. Built into a neatly finished, all-bakelite box. Shipping wt., 1 lb. $1.47

New Doublet ARRESTER

Two arresters combined in one unit. May be used indoors or outdoors for any two wire-lead-in or transmission line. Black porcelain with weather-proof. Weight 1 lb. $18.00

Bud Arrestor

An efficient lightning arrester which gives full protection against lightning hazard. Also insures instant protection against static charges. Underwriters’ approved. Absolutely dependable and effective. Proof of brown porcelain construction. $25.00

For further listings of antenna equipment, see our complete 152 page catalog. Write for this great book if you haven’t a copy. It’s free.
VOLUME CONTROLS

KNIGHT UNIVERSAL VOLUME CONTROLS

A dependable line of efficient volume controls. Durable; very quiet in operation. Incorporates special resistance element on bakelite base. Smooth contact action assures quiet operation. Rated at one watt. Cast-in, shaft extends 1¼ in. molded-in. Code: A = Antenna control, U = Antenna and "C" bias, G = Volume control. No Potentiometer, T = Tone control or audio shunt. These units are also adaptable for other circuit applications.

WITHOUT SWITCH

WITH SWITCH

No. Ohms.
A9660 1000 A
A8661 2000 A
A9662 3000 A
A9664 5000 A
A9665 10000 U
A9666 25000 U
A9667 75000 U
A9668 100000 U
A9670 500000 U
A9691 1 meg. U

No. Ohms.
A9873 1000 A
A988 3000 A
A989 5000 A
A990 10000 U
A991 25000 U
A992 75000 U
A993 100000 U
A994 500000 U
A995 1 mg. U

PRICE EACH

LESS SWITCH

WITH SWITCH

WITH SWITCH

PRICE EACH

28c

40c

UTAH-CARTER "Midget" Controls

POTENTIOMETERS and RHEOSTATS

Exremely compact. Precise setting. Will not "go out" wire - wound, only 1/4" dia. and 3/8" dia. Deep back of panel. Tapes 1/4" wide. No contact wear. Beautiful hole mount. Easy to install. May be used for all radio requirements. Ideal where space is at a premium. Large knobs make soldering easy.

UTAH-CARTER "Baby" Controls

A new type volume and tone control, measuring only 1" in diameter. Supplied only as switch. Not as sensitive as standard shaft; 1/8" bushing. Dissipates 1 watt. Ideal for replacement of standard shaft.

FILTRAMATIC TONE CONTROLS


CRL POWER Rheostats

For many commercial applications. Complete all insulation assures maximum life. Treated asbestos insulation.

NEW ELECTRAD STANDARD VOLUME CONTROLS

The latest and finest Electrode Lab standard of Volume Controls. Smooth, quiet, and long-lived. Unaffected by moisture. Contact shoe is self-wiping type increasing smoothness and quietness with use. Engraved in molded bakelite case, 1/2" thick, 1/2" dia. With metal end cover and long 1/2" dia. aluminum shaft. New type convertible power switches (described below) may be easily added. All controls mounted "W" are wired for volume control.

List, each $1.47

Power Switches for Electrode Controls


ELECTRAD TAPER CHART

Shows you how to select proper standard control center and cathode bias control, G = Cathode series control. A = Antenna control, Shunt or Ant, and bias control. 0 = Voltage divider, E = Amplifier, and G = Gait, D = Audio Shunt and tone control, F = Audio with tone control, C = Audio Shunt. H = Antenna Cathode heavy current control.

FREE VOLUME CONTROL GUIDE

Latest edition. Valuable 100 page listing of all receivers for which Electrode controls are made. Free with order for one or more Electrode controls. A4249. Free with order.
EXACT DUPLICATE ELECTROLYTIC CONDENSERS

A complete line of exact duplicate condensers for practically every replacement need. These condensers are the same in electrical and physical characteristics as the originals which they represent size, appearance, mounting holes, color-coded leads and capacity ratings. Many are available in leading standard size exact duplicate for many other sets are also available. Send in old unit with descriptive information and model of receiver and we will duplicate it at an attractive price.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Part No.</th>
<th>Model</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A580</td>
<td>24005</td>
<td>ATWATER-KENT</td>
<td>0.033</td>
<td>8.80</td>
<td>$0.98</td>
</tr>
<tr>
<td>A581</td>
<td>24050</td>
<td>ELMONT (Freshman)</td>
<td>0.067</td>
<td>8.88</td>
<td>$0.98</td>
</tr>
<tr>
<td>A585</td>
<td>C-520-C</td>
<td>CROSLEY</td>
<td>0.002</td>
<td>5.65</td>
<td>$0.10</td>
</tr>
<tr>
<td>A590</td>
<td>W23801</td>
<td>95, 163</td>
<td>8.85</td>
<td>6.85</td>
<td>$0.99</td>
</tr>
<tr>
<td>A591</td>
<td>W38578</td>
<td>53, 147</td>
<td>7.86</td>
<td>6.86</td>
<td>$0.99</td>
</tr>
<tr>
<td>A592</td>
<td>W46001</td>
<td>166, 170B</td>
<td>5.93</td>
<td>7.93</td>
<td>$0.99</td>
</tr>
<tr>
<td>A606</td>
<td>W3000A9</td>
<td>175, 5VI</td>
<td>8.88</td>
<td>1.10</td>
<td>$0.99</td>
</tr>
<tr>
<td>A615</td>
<td>KC-50</td>
<td>EMERSON</td>
<td>0.68</td>
<td>0.70</td>
<td>$0.20</td>
</tr>
<tr>
<td>A617</td>
<td>GGC-137</td>
<td>32</td>
<td>8.16-5.5</td>
<td>1.21</td>
<td></td>
</tr>
<tr>
<td>A621</td>
<td>27151</td>
<td>GRONOW</td>
<td>8.8</td>
<td>1.29</td>
<td></td>
</tr>
<tr>
<td>A622</td>
<td>23091-1</td>
<td>670, 67A</td>
<td>8.8-18.12</td>
<td>1.88</td>
<td></td>
</tr>
<tr>
<td>A626</td>
<td>6014U1-6</td>
<td>B52, M34</td>
<td>3.3</td>
<td>0.44</td>
<td></td>
</tr>
<tr>
<td>A629</td>
<td>6015U5</td>
<td>100</td>
<td>0.01-4.0</td>
<td>0.84</td>
<td></td>
</tr>
<tr>
<td>A635</td>
<td>A407</td>
<td>INTERNATIONAL</td>
<td>4.1</td>
<td>4.10</td>
<td>$0.41</td>
</tr>
<tr>
<td>A642</td>
<td>A477</td>
<td>MAJESTIC</td>
<td>4.1</td>
<td>4.10</td>
<td>$0.41</td>
</tr>
<tr>
<td>A643</td>
<td>4713</td>
<td>213 Series</td>
<td>1.15</td>
<td>1.15</td>
<td>$1.15</td>
</tr>
<tr>
<td>A645</td>
<td>4277</td>
<td>221 Series</td>
<td>0.021</td>
<td>0.021</td>
<td>$0.90</td>
</tr>
</tbody>
</table>

KNIHT ALUMINUM COATED CARDBOARD CONTAINERS

Popular replacements for A.C.-D.C. or midget and receiver. Containers are of aluminum-coated cardboard. Spade lug soldered for mounting. All leads emerge from bottom. Containers available in 6 and 7 volt sizes.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2738</td>
<td>500</td>
<td>13/32</td>
<td>90c</td>
</tr>
<tr>
<td>A2741</td>
<td>475</td>
<td>1/4</td>
<td>90c</td>
</tr>
<tr>
<td>A2740</td>
<td>500</td>
<td>1/4</td>
<td>90c</td>
</tr>
<tr>
<td>A2745</td>
<td>250</td>
<td>13/32</td>
<td>90c</td>
</tr>
</tbody>
</table>

LOW VOLTAGE ELECTROLYTICS

A2742 8-8-8 200 1" 70c
A2743 8-14 200 1 70c
A2744 15-10 200 1 90c
A2745 10-15 200 1 90c

KNIHT CARTRIDGE CONDENSERS


<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Size</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7915</td>
<td>.001</td>
<td>4 6c</td>
<td>.06</td>
</tr>
<tr>
<td>A7916</td>
<td>.001</td>
<td>6 6c</td>
<td>.09</td>
</tr>
<tr>
<td>A7921</td>
<td>.001</td>
<td>12 6c</td>
<td>.13</td>
</tr>
<tr>
<td>A7922</td>
<td>.001</td>
<td>20 6c</td>
<td>.13</td>
</tr>
<tr>
<td>A7923</td>
<td>.001</td>
<td>40 6c</td>
<td>.13</td>
</tr>
<tr>
<td>A7924</td>
<td>.001</td>
<td>100 6c</td>
<td>.13</td>
</tr>
</tbody>
</table>

KNIHT CONDENSERS

Dry electrolytics mounted in round aluminum containers. Standard stud and nut mounting. With insulated wire leads. Recommended for 500 D.C.; working volts, 450 D.C.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3650</td>
<td>25 x-5</td>
<td>30c</td>
</tr>
<tr>
<td>A3651</td>
<td>25 x-5</td>
<td>36c</td>
</tr>
<tr>
<td>A3652</td>
<td>25 x-5</td>
<td>42c</td>
</tr>
<tr>
<td>A3653</td>
<td>25 x-5</td>
<td>56c</td>
</tr>
<tr>
<td>A3654</td>
<td>25 x-5</td>
<td>66c</td>
</tr>
<tr>
<td>A3655</td>
<td>25 x-5</td>
<td>86c</td>
</tr>
<tr>
<td>A3656</td>
<td>25 x-5</td>
<td>72c</td>
</tr>
</tbody>
</table>

MULTIPLE VOLTAGES

Popular replacements. Absolately dry, round aluminum containers. Each section is sealed. All negative terminals are grounded to can. Positive leads are bound with insulated tags at top. Upright only. Wg. V. 450; peak V. 550.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3660</td>
<td>8-8</td>
<td>$0.70</td>
</tr>
<tr>
<td>A3661</td>
<td>5-5</td>
<td>$0.88</td>
</tr>
<tr>
<td>A3662</td>
<td>3-3</td>
<td>$0.88</td>
</tr>
<tr>
<td>A3663</td>
<td>2-2</td>
<td>$1.04</td>
</tr>
<tr>
<td>A3664</td>
<td>1-1</td>
<td>$1.44</td>
</tr>
<tr>
<td>A3665</td>
<td>3-3</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

DRAWN ALUMINUM RECTANGULAR CONTAINERS

Multiple section direct electrolytics in seamless drawn aluminum containers. Moisture-proofed. Soldered and completely insulated from one another. Two terminal lugs are provided for each section. Wgk. V. 600; D.C. peak voltage 750. D.C. voltages are 2½ INCH CONTAINERS 3½ INCH CONTAINERS 4½ INCH CONTAINERS 6½ INCH CONTAINERS 7½ INCH CONTAINERS

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Size</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3666</td>
<td>4 6c</td>
<td>$0.58</td>
<td></td>
</tr>
<tr>
<td>A3667</td>
<td>6 6c</td>
<td>$0.68</td>
<td></td>
</tr>
<tr>
<td>A3668</td>
<td>8 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3669</td>
<td>10 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3670</td>
<td>12 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3671</td>
<td>14 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3672</td>
<td>16 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3673</td>
<td>18 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3674</td>
<td>20 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3675</td>
<td>22 6c</td>
<td>$0.70</td>
<td></td>
</tr>
<tr>
<td>A3676</td>
<td>24 6c</td>
<td>$0.70</td>
<td></td>
</tr>
</tbody>
</table>

A3677     | 26 6c | $0.70 |

Knight Bathtub Condensers


<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7773</td>
<td>1 1/2</td>
<td>100</td>
<td>20c</td>
</tr>
<tr>
<td>A7774</td>
<td>1 1/2</td>
<td>100</td>
<td>20c</td>
</tr>
<tr>
<td>A7775</td>
<td>1 1/2</td>
<td>100</td>
<td>20c</td>
</tr>
</tbody>
</table>

STYLE B

Compact, throughly impregnated. Has lug connections. Metal case measures 11/16" x 11/16".

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7776</td>
<td>1 1/2</td>
<td>100</td>
<td>20c</td>
</tr>
<tr>
<td>A7777</td>
<td>1 1/2</td>
<td>100</td>
<td>20c</td>
</tr>
</tbody>
</table>

Knight Waxied Uncased Repair Sections

Wax-dipped: designed for replacement use in filter break or repair work. Compact; high dielectric resistance. 6" color coded leads are of heat-proof push-back wire.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7931</td>
<td>.001</td>
<td>400</td>
<td>7c</td>
</tr>
<tr>
<td>A7932</td>
<td>.001</td>
<td>600</td>
<td>7c</td>
</tr>
<tr>
<td>A7933</td>
<td>.001</td>
<td>800</td>
<td>7c</td>
</tr>
<tr>
<td>A7934</td>
<td>.001</td>
<td>1000</td>
<td>7c</td>
</tr>
</tbody>
</table>

SPARTON TUBULAR REPAIR CONDENSERS

Exact duplicate 400 volt units for Sparta converters. Slotted mounting lugs. Solid or fan case.

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7940</td>
<td>.001</td>
<td>400</td>
<td>.50c</td>
</tr>
<tr>
<td>A7941</td>
<td>.001</td>
<td>600</td>
<td>.50c</td>
</tr>
<tr>
<td>A7942</td>
<td>.001</td>
<td>800</td>
<td>.50c</td>
</tr>
<tr>
<td>A7943</td>
<td>.001</td>
<td>1000</td>
<td>.50c</td>
</tr>
</tbody>
</table>
# AEROVOX ELECTROLYTIC CONDENSERS

## ROUND METAL CAN DRY ELECTROLYTICS

Adapted to all radio filter circuits.dot 100% hermetically sealed. Type E-5 is 525 Volt Surge, 450 Volt DC working. Type E-6 is 600 Volt Surge, 500 Volt DC working. Provided with clamping lug for easy mounting. Safety voltage ratings assure you of trouble-free life. Will handle filter requirements of practically all radio receivers.

### Type E-5 Upright

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>102</td>
<td>4</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.80</td>
</tr>
<tr>
<td>105</td>
<td>4</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.80</td>
</tr>
<tr>
<td>144</td>
<td>4</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.80</td>
</tr>
<tr>
<td>180</td>
<td>4</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.80</td>
</tr>
<tr>
<td>306</td>
<td>4</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.80</td>
</tr>
<tr>
<td>475</td>
<td>4</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.80</td>
</tr>
</tbody>
</table>

### Type E-6 Upright

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>311</td>
<td>8</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.90</td>
</tr>
<tr>
<td>313</td>
<td>8</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.90</td>
</tr>
<tr>
<td>315</td>
<td>8</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.90</td>
</tr>
<tr>
<td>316</td>
<td>8</td>
<td>1/32</td>
<td>x</td>
<td>4/8</td>
<td>$0.90</td>
</tr>
</tbody>
</table>

### Type G Inverted

Standard size, single section inverted mounting condensers, with negative lead grounded to can. 525 V. D.C. surge and 600 V. D.C. surge listed below. Can dia. 1 3/8".

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>801</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
<tr>
<td>802</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
<tr>
<td>803</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
<tr>
<td>804</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
</tbody>
</table>

### Type 2G Inverted

Double section inverted mounting condensers. Negative grounded to can. 525 volts surge, 600 volts D.C. working.

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
<tr>
<td>101</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
<tr>
<td>102</td>
<td>12</td>
<td>626</td>
<td></td>
</tr>
</tbody>
</table>

### Type I-Inverted

Similar to type G above, but with negative terminal insulated from can. Maximum permissible surge voltage is indicated below. Diameter of aluminum can, 1 3/4 inches.

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1327</td>
<td>4</td>
<td>660</td>
<td></td>
</tr>
<tr>
<td>1328</td>
<td>4</td>
<td>660</td>
<td></td>
</tr>
</tbody>
</table>

### ULTRA-COMPACT TYPE GL5s Inverted

An ultra-compact metal can electrolytic for general replacement purpose. Use of wire space is at a premium. Sections are insulated from can. Equipped with four flexible leads. Has threaded hard-rubber stem for inverted mounting. Particularly adapted for use in 525 volt MAX. SURGE or 250 VOLT MAX. SURGE applications.

#### 525 Volt MAX. SURGE

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Size</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1226</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
<tr>
<td>1227</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
<tr>
<td>1228</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
<tr>
<td>1229</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
</tbody>
</table>

#### 250 Volt MAX. SURGE

<table>
<thead>
<tr>
<th>No.</th>
<th>Mfd.</th>
<th>Size</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1232</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
<tr>
<td>1233</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
<tr>
<td>1234</td>
<td>4</td>
<td>1 1/2</td>
<td>$0.60</td>
</tr>
</tbody>
</table>

### COMPACT CARDBOARD DRY ELECTROLYTICS

Extremely small electrolytic units. May be used for replacement of electrolytic filters in radio sets or for general laboratory installations. Non-leaking, non-corrosive: absolutely dry. Wax packing assures long life even through wide range of ambient conditions. Flexible leads are provided for very circuit requirements.

#### TYPE PBS-5

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1237</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.38</td>
<td></td>
</tr>
<tr>
<td>1238</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.38</td>
<td></td>
</tr>
<tr>
<td>1239</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.38</td>
<td></td>
</tr>
<tr>
<td>1241</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.38</td>
<td></td>
</tr>
<tr>
<td>1242</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.38</td>
<td></td>
</tr>
</tbody>
</table>

#### TYPE PBS-2

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1243</td>
<td>8</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.48</td>
<td></td>
</tr>
<tr>
<td>1244</td>
<td>8</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.48</td>
<td></td>
</tr>
<tr>
<td>1245</td>
<td>8</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.48</td>
<td></td>
</tr>
<tr>
<td>1246</td>
<td>8</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.48</td>
<td></td>
</tr>
<tr>
<td>1247</td>
<td>8</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.48</td>
<td></td>
</tr>
</tbody>
</table>

#### Type "P" Electrolytics

Sturdy, wax-filled units; compact, and conservatively rated. Flexible leads are securely bonded. Unaffected by humidity.

#### 525 Volt MAX. SURGE

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1360</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.56</td>
<td></td>
</tr>
<tr>
<td>1361</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.56</td>
<td></td>
</tr>
<tr>
<td>1362</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.56</td>
<td></td>
</tr>
<tr>
<td>1363</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.56</td>
<td></td>
</tr>
</tbody>
</table>

#### 600 Volt MAX. SURGE

<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1364</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.62</td>
<td></td>
</tr>
<tr>
<td>1365</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.62</td>
<td></td>
</tr>
<tr>
<td>1366</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.62</td>
<td></td>
</tr>
<tr>
<td>1367</td>
<td>4</td>
<td>5 x 3/8</td>
<td>5/8</td>
<td>$0.62</td>
<td></td>
</tr>
</tbody>
</table>

### Tubular Electronics

Light and compact; will serve many bypass and filter requirements. In cardboard tube containers. Completely insulated. Capacitor section is sealed. Wire leads are securely riveted to capacitor tube. Excellent for replacement on mounted space in original construction work.

<table>
<thead>
<tr>
<th>Stock</th>
<th>No.</th>
<th>Mfd.</th>
<th>Volts</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1262</td>
<td>400</td>
<td>450</td>
<td>1 x 3/8</td>
<td>$0.24</td>
</tr>
<tr>
<td>1263</td>
<td>400</td>
<td>450</td>
<td>1 x 3/8</td>
<td>$0.24</td>
</tr>
<tr>
<td>1264</td>
<td>400</td>
<td>450</td>
<td>1 x 3/8</td>
<td>$0.24</td>
</tr>
</tbody>
</table>

### Metal Can Wet Electrolytics


<table>
<thead>
<tr>
<th>Stock</th>
<th>Cap.</th>
<th>Mfd.</th>
<th>Dia.</th>
<th>Ht.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>1295</td>
<td>4</td>
<td>1 1/4</td>
<td>x 1/4</td>
<td>$0.50</td>
<td></td>
</tr>
<tr>
<td>1296</td>
<td>4</td>
<td>1 1/4</td>
<td>x 1/4</td>
<td>$0.50</td>
<td></td>
</tr>
<tr>
<td>1297</td>
<td>4</td>
<td>1 1/4</td>
<td>x 1/4</td>
<td>$0.50</td>
<td></td>
</tr>
<tr>
<td>1298</td>
<td>4</td>
<td>1 1/4</td>
<td>x 1/4</td>
<td>$0.50</td>
<td></td>
</tr>
<tr>
<td>1299</td>
<td>4</td>
<td>1 1/4</td>
<td>x 1/4</td>
<td>$0.50</td>
<td></td>
</tr>
</tbody>
</table>
### NEW REDUCED LOW PRICES

Precision-built transformers which conform exactly to our exacting requirements in specifications of physical and electrical characteristics. They are thoroughly tested to assure correct operation. Easily and quickly interchangeable. No retinning or reconditioning is necessary. Through close contact with Stancor, we can supply Exact Duplicate Power Transformers for practically any set of conditions. These exact duplicate transformers may also be used in old model sets for which no replacements have been available.

Send for your FREE copy of the Stancor Exact Duplicate Transformer Listings. Refer to it often and it will save you time, money and trouble. You will find it extremely valuable in your work. The following listing contains a complete list of exact duplicate power transformers for our standard radio sets—duplicates which fit perfectly in every detail.

<table>
<thead>
<tr>
<th>Models</th>
<th>No.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL-AMERICAN</td>
<td>MOHAWK</td>
<td>A1501</td>
</tr>
<tr>
<td>D. H.</td>
<td>A1501</td>
<td>2.79</td>
</tr>
<tr>
<td>DESATURATE</td>
<td>M5</td>
<td>A1503</td>
</tr>
<tr>
<td>55, 55C (late)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70 series</td>
<td>A1507</td>
<td>3.41</td>
</tr>
<tr>
<td>82, 85</td>
<td>A1509</td>
<td>3.41</td>
</tr>
<tr>
<td>84</td>
<td>A1610</td>
<td>3.41</td>
</tr>
<tr>
<td>BRUNSWICK</td>
<td>10</td>
<td>A1513</td>
</tr>
<tr>
<td>KB Series</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9CS, 5CS</td>
<td>A1516</td>
<td>3.20</td>
</tr>
<tr>
<td>CLARION</td>
<td>AC40</td>
<td>A1532</td>
</tr>
<tr>
<td>AC60</td>
<td>A1536</td>
<td>2.56</td>
</tr>
<tr>
<td>55A, 55V, 55S</td>
<td>A1566</td>
<td>3.88</td>
</tr>
<tr>
<td>120</td>
<td>A1520</td>
<td>2.50</td>
</tr>
<tr>
<td>120C</td>
<td>A1524</td>
<td>2.56</td>
</tr>
<tr>
<td>120B</td>
<td>A1528</td>
<td>2.56</td>
</tr>
<tr>
<td>120C200</td>
<td>A1531</td>
<td>2.56</td>
</tr>
<tr>
<td>120C300</td>
<td>A1535</td>
<td>2.56</td>
</tr>
<tr>
<td>120C400</td>
<td>A1538</td>
<td>2.56</td>
</tr>
<tr>
<td>120C480</td>
<td>A1541</td>
<td>2.56</td>
</tr>
<tr>
<td>CROSLEY</td>
<td>45-8, 44-8, 48-8, 50-8</td>
<td>A1536</td>
</tr>
<tr>
<td>45-8, 44-8, 48-8</td>
<td>A1537</td>
<td>3.18</td>
</tr>
<tr>
<td>KNOTT</td>
<td>AC32</td>
<td>2.50</td>
</tr>
<tr>
<td>AC50</td>
<td>A1534</td>
<td>2.56</td>
</tr>
<tr>
<td>B60</td>
<td>A1536</td>
<td>2.56</td>
</tr>
<tr>
<td>B60C</td>
<td>A1537</td>
<td>2.56</td>
</tr>
<tr>
<td>B60C, 55A</td>
<td>A1543</td>
<td>2.47</td>
</tr>
<tr>
<td>B60C, 55A</td>
<td>A1543</td>
<td>2.47</td>
</tr>
<tr>
<td>MAJESTIC</td>
<td>51, 52 (un-mounted)</td>
<td>A1550</td>
</tr>
</tbody>
</table>

### NEW STANCOR HALF-SHELL REPLACEMENT TRANSFORMERS

A new group of high-grade compact power transformers, designed to meet all requirements for superior flush-mounting replacement. Ideal for replacement purposes in midset and mangle type receivers: also useful in amplifier and receiver construction. These transformers are constructed of the best quality materials; superior design and workmanship result in appearance that makes them highly valued. Uniformly wound coils and proper insulation assure long trouble-free performance. A metal safety label allows momentary peak-current drain without damage to transformer. Available in eight popular sizes, for use with 2.5 or 6.5 volt tubes. For 110 volt 60 cycle A.C. operation.

### 4 OR 5 TUBES—2.5 VOLTS

<table>
<thead>
<tr>
<th>Type</th>
<th>No.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2770</td>
<td>A1235</td>
<td>$1.32</td>
</tr>
<tr>
<td>P2771</td>
<td>A1236</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

### 5 TO 6 TUBES—2.5 VOLTS

<table>
<thead>
<tr>
<th>Type</th>
<th>No.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2669</td>
<td>A1237</td>
<td>$1.32</td>
</tr>
<tr>
<td>P2772</td>
<td>A1238</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

### 4 OR 5 TUBES—6.3 VOLTS

<table>
<thead>
<tr>
<th>Type</th>
<th>No.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2771</td>
<td>A1239</td>
<td>$1.32</td>
</tr>
<tr>
<td>P2772</td>
<td>A1240</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

### 4 OR 5 TUBES—6.3 VOLTS

<table>
<thead>
<tr>
<th>Type</th>
<th>No.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2669</td>
<td>A1237</td>
<td>$1.32</td>
</tr>
<tr>
<td>P2772</td>
<td>A1238</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

### 7 TO 10 TUBES—6.3 VOLTS

<table>
<thead>
<tr>
<th>Type</th>
<th>No.</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2669</td>
<td>A1237</td>
<td>$1.32</td>
</tr>
<tr>
<td>P2772</td>
<td>A1238</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

### STANCOR TUBE CHECKER TRANSFORMER

For replacement in standard tube testers or for use in medium-valve type radio tubes. A small transformer, 105, 115, 120 volts, 60 cycle A.C. operation. Secondaries tapped at 1.0, 1.5, 2.0, 3.0, 4.0, 6.3, 7.5, 10 and 25 volts. Supplies the correct filament voltage for all types of tubes. Strap mounting type with long flexible leads.

### GENERAL PURPOSE CHOKE

A reliable listing of high quality choke units which may be used for either direct or plate coupling. Generally rated and generously insulated. Strap mounting type.

### 44 OHM 500 WATT TRANSFORMER

For replacement in medium-size sets. Standard 44 ohm, 500 watts. Strap mounting type.

### ACME STEP-DOWN TRANSFORMER

Will reduce fine voltages of 220-240 volts, 50/60 cycle to 110-120 volts for operation of radio sets, amplifiers, etc., and will safely handle devices consuming up to 200 watts. Supplied with 1 foot cord, plug, and receptacle. Weight: 7 lbs.

### ACME VARIABLE VOLTAGE ADJUSTERS

A unique, efficient device for maintaining proper operating voltage. It is a source of annoyance. Adaptable for step-up or step-down action. Available in 150 volt, secondary and 6 volt, secondary 145 volt, secondary and 6 volt, secondary 385 volts, 385 volts, and 385 volts. With variometer and 6 ft. cord plug. Weight: 7 lbs.
**THORDARSON COUPLING TRANSFORMERS FOR EVERY PURPOSE**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Primary</th>
<th>Secondary</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11041</td>
<td></td>
<td>T6315</td>
<td>D</td>
<td>56, 37, 27, 964, 30, etc.</td>
<td>200 or 50 Ohms</td>
<td>$2.75</td>
</tr>
<tr>
<td>A11042</td>
<td></td>
<td>T8226</td>
<td>D</td>
<td>56, 37, 27, 964, 30, etc.</td>
<td>500 or 125 Ohms</td>
<td>2.75</td>
</tr>
<tr>
<td>A11045</td>
<td></td>
<td>T6510</td>
<td>D</td>
<td>200 or 50 Ohms</td>
<td>Single Grid</td>
<td>$2.75</td>
</tr>
<tr>
<td>A11047</td>
<td></td>
<td>T6371</td>
<td>D</td>
<td>200, 400, 600 or 800 Ohms</td>
<td>Single Grid</td>
<td>4.40</td>
</tr>
</tbody>
</table>

**MICROPHONE COUPLING TRANSFORMERS**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Primary</th>
<th>Secondary</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11055</td>
<td></td>
<td>T5750</td>
<td>D</td>
<td>D.B. Mike 200-4 or 200-Ohms</td>
<td>Single Grid</td>
<td>$2.25</td>
</tr>
<tr>
<td>A11056</td>
<td></td>
<td>T5873</td>
<td>D</td>
<td>D.B. Mike 200-4 or 200-Ohms</td>
<td>Single Grid</td>
<td>2.25</td>
</tr>
<tr>
<td>A11058</td>
<td></td>
<td>T5947</td>
<td>A</td>
<td>80-Ohm, 6-12 Trans. Microphone</td>
<td>200 Ohms</td>
<td>2.25</td>
</tr>
</tbody>
</table>

**OUTPUT COUPLING TRANSFORMERS**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Primary</th>
<th>Secondary</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11060</td>
<td></td>
<td>T6120</td>
<td>C</td>
<td>Universal 2A3, 2A5, 45, 47, 50, etc.</td>
<td>500 Ohms</td>
<td>$3.50</td>
</tr>
<tr>
<td>A11061</td>
<td></td>
<td>T6126</td>
<td>C</td>
<td>Universal 2A3, 2A5, 45, 47, 50, etc.</td>
<td>750 Ohms</td>
<td>3.50</td>
</tr>
<tr>
<td>A11062</td>
<td></td>
<td>T7071</td>
<td>C</td>
<td>Universal, Single or PP output tube</td>
<td>1 to 200 Ohms</td>
<td>1.18</td>
</tr>
<tr>
<td>A11063</td>
<td></td>
<td>T7074</td>
<td>C</td>
<td>PP2A3 or 46 or Class &quot;AB&quot;</td>
<td>4, 8, 15 or 500 Ohms</td>
<td>4.00</td>
</tr>
<tr>
<td>A11071</td>
<td></td>
<td>T7034</td>
<td>C</td>
<td>PP2A3 Class 4, 2A3, Class &quot;AA&quot;, or 20 Ohms</td>
<td>4, 8, 15 or 500 Ohms</td>
<td>4.00</td>
</tr>
<tr>
<td>A11074</td>
<td></td>
<td>T7600</td>
<td>C</td>
<td>1-19 or T750, 40 Class &quot;C&quot;</td>
<td>4, 8, 15 or 500 Ohms</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**LINE TO SPEAKER**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Primary</th>
<th>Secondary</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11075</td>
<td></td>
<td>T6408</td>
<td>C</td>
<td>500 Ohms</td>
<td>Universal Voice Coil</td>
<td>$3.90</td>
</tr>
<tr>
<td>A11076</td>
<td></td>
<td>T3811</td>
<td>B</td>
<td>500 or 250 Ohms</td>
<td>4 to 15 Ohms</td>
<td>4.20</td>
</tr>
</tbody>
</table>

---

**THORDARSON TRANSFORMERS**

**KNIIGHT TRANSFORMERS**

**UNIVERSAL AUDIO**

A compact audio unit for use in any AC or DC set of amplifier. Supplies 6 universal coupling brackets. Sizes 2x2xaha x2aha. Shpg. $75c.

**UNIVERSAL OUTPUT**

A1144T Cupe practically any power tube, single or push-pull, to any dynamic or magnetic microphone. Universal mounting bracket. Sizes 2x2xaha x2aha. Shpg. 2 lb.

**STANDARD AUDIO**

Ideal replacements. Open transformers. Mg. cts., 3", Shpg. wt. 2 lb.

**A1147 31, Straight Audio, 1 plate to 1 grid, Pull input, 1 plate to 2 grids.**

**A1149, 3-1, Push-Pull Isolating stage. 2 plates to 2 grids.**

**LINE ETCH**

Universal Output Transformer. A heavy-duty, unshielded output transformer for universal application. Will accurately match a single or push-pull output to any speaker voice coil. 2x2xaha/1.

**TRANSMITTERS FOR NEW 6L6 TUBES**

**OUTPUT TRANSFORMER**

**FILTER CHOSES**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Primary</th>
<th>Size</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11062</td>
<td></td>
<td>T5071</td>
<td>B</td>
<td>Universal for 4 or 5 tube midget set.</td>
<td>24x1x1/4&quot;</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

---

**TRANSFORMERS FOR NEW 6L6 TUBES**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Ratio</th>
<th>Size</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11121</td>
<td></td>
<td>R109</td>
<td>A</td>
<td>1-3 24x1x1/4&quot;</td>
<td>$1.75</td>
<td>$1.03</td>
</tr>
<tr>
<td>A11122</td>
<td></td>
<td>T5736</td>
<td>D</td>
<td>1-4 24x1x1/4&quot;</td>
<td>$2.25</td>
<td>$1.22</td>
</tr>
<tr>
<td>A11123</td>
<td></td>
<td>T5737</td>
<td>D</td>
<td>1-4 24x1x1/4&quot;</td>
<td>$2.25</td>
<td>$1.22</td>
</tr>
<tr>
<td>A11124</td>
<td></td>
<td>T5738</td>
<td>D</td>
<td>1-4 24x1x1/4&quot;</td>
<td>$2.25</td>
<td>$1.22</td>
</tr>
</tbody>
</table>

---

**PUSH-PULL INPUTS**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Ratio</th>
<th>Size</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11125</td>
<td></td>
<td>R103</td>
<td>A</td>
<td>1-3 14x2x3/4&quot;</td>
<td>$2.25</td>
<td>$1.32</td>
</tr>
<tr>
<td>A11126</td>
<td></td>
<td>T7619</td>
<td>D</td>
<td>1-4 14x2x3/4&quot;</td>
<td>$2.25</td>
<td>$1.32</td>
</tr>
<tr>
<td>A11127</td>
<td></td>
<td>T7741</td>
<td>D</td>
<td>1-4 14x2x3/4&quot;</td>
<td>$2.25</td>
<td>$1.32</td>
</tr>
<tr>
<td>A11128</td>
<td></td>
<td>T7742</td>
<td>D</td>
<td>1-4 14x2x3/4&quot;</td>
<td>$2.25</td>
<td>$1.32</td>
</tr>
</tbody>
</table>

---

**FILTER CHOSES**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Fig.</th>
<th>Primary</th>
<th>Size</th>
<th>List</th>
<th>NET</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11116</td>
<td></td>
<td>B</td>
<td></td>
<td>22</td>
<td>$2.35</td>
<td>$1.50</td>
</tr>
<tr>
<td>A11117</td>
<td></td>
<td>T7507</td>
<td></td>
<td>16</td>
<td>$2.00</td>
<td>1.28</td>
</tr>
<tr>
<td>A11118</td>
<td></td>
<td>T7508</td>
<td></td>
<td>16</td>
<td>$2.00</td>
<td>1.28</td>
</tr>
<tr>
<td>A11119</td>
<td></td>
<td>T7514</td>
<td></td>
<td>16</td>
<td>$2.00</td>
<td>1.28</td>
</tr>
<tr>
<td>A11120</td>
<td></td>
<td>T7515</td>
<td></td>
<td>9.5</td>
<td>$1.90</td>
<td>1.26</td>
</tr>
</tbody>
</table>

---

**For further listings of transformers, see our complete 152 page catalog—Radio's Most Complete Supply Guide. This book is free. Send for it.**

---

**ALLIED RADIO CORPORATION, 833 W. JACKSON BLVD., CHICAGO, ILL.**
SOLDERING IRONS & TOOLS

**KNIGHT SOLDERING IRON**

**55 WATT MODEL**
A well-designed high-quality Knight 55 watt iron suitable for every service. Pan up doesn’t show on the heating wire or heating element in a ceramic tube. Heats up quickly and stays hot. Two types of tips are supplied with the iron to handle the work from the tin tip to the tip of the tinning chisel. Tips are ¾ inch and 1¾ inch in diameter. 1¼ inch long. The well-shaped heat tip melts the tin even when the iron is continuously used. Equipped with 5 ft. heater cord and rubber plug. Two tips included. This Knight is an out standing iron at our price.
A7001. Your Special Price... 65c

**100 WATT KNIGHT SOLDERING IRON**
A high-quality all-purpose iron. Has ¾ inch diameter removable (screw-on) copper tip. With black insulated handle and 6 foot heater cord.
A7635. Your Special Price... 97c

**VASCO SOLDERING IRON**
A new easy-to-handle iron in two popular sizes. Designed for all types of soldering and radio work. Metal parts are chrome-plated. Special shielding finishes separate the hot and cool parts of the handle. Has removable ¾ inch tip. Equipped with cord and plug. Underwriters’ Approved. Specs: wt., 1 lb.
A2200. 70 WATT SIZE... $2.65

**100 WATT VASCO IRON**
A heavier, larger iron with four times the size of the 70 watt above. May be used for heavier work. Length overall, 14½”; 9½” tip.
A2202. Your Price... $4.23

**CIRCLE CUTTERS**
Designed to cut large holes accurately and easily. Can be used in slow-speed drill presses or hand-powered drill sets. Builders, service men, carpenters, plumbers, sheet metal workers, etc. Type No. 5 is for heavy-duty work; Type No. 2 is a standard cutter; junior type for light work on softer materials. These tools may be used for cutting holes in wood, bakelite, hard rubber, plastic, 10’ sheet metal, etc.
A5130. No. 2, Cuts holes 1 to 4 inches in diameter.... $1.10
A5131. No. 5, Cuts holes 1 to 5 inches in diameter.... $1.88
A5132. Extra cutters for No. 2 and No. 5 tools, NET EACH... 24c

**MORRIS COIL WINDER**
This improved universal solenoid winding machine will wind Honeycomb, Spinolite, W.B., Solenoid coils, etc. in different diameters and will handle wire of different diameters accurately. Has recorder with adjustable pointer for counting number of turns. An ideal machine for the experimenter or small factor. Will pay for itself quickly. Specs: wt., 4 lbs.
A5052. Set of 4, 47c9.... 435c

**SPECIAL LONG NOSE SIDE-CUTTING Pliers**
These well-fitted, and are ground to a clean, easy cut 6 inches long. Perfectly useful in electrician’s job and repair work. A quality tool at a low price.
A7805. Your Price... 39c

**KESTER QUALITY SOLDERING IRON**
Rosin—Acid—Aluminum

Three types of solder compounded of the highest grades of tin and lead available. Fluxing assures perfect permanent joints free from corrosion. Widely used by servicemen. A Class “A” Solder, the finest in the trade. A set consists of \$1.80.
A6179. 1 lb. Spool.... $1.80
A6178. 15c. Per Tin.... 17c

**KESTER SOLDERING PASTE**
A new improved soldering paste. Does a clean, non-corrosive job of soldering. Excellent for radio work.
A6181. 10 oz. For $1.05. PER TIN...

**HI-HEAT BLOTORCH**
This heavy-duty blow torch assures perfect results. Features flame control, metal and radio gun, and pilot burner. Self-cleaning type. Will not lose pressure or fuel. Generates flame pattern, full, fixed, or filled drip-cuts. Produces a 2000° F. flame. Tank is of heavy duty construction. Height 7½ inches; diameter at base 3 inches. Two models are available, either for alcohol or for gasoline line.
A6224. Type 104. Uses gasoline. $1.03
A6623. Type 105. Uses alcohol. $1.18

**SPIN-TYPE SOCKET WRENCHES**
A complete assortment of high-grade hexagonal socket wrenches for every radio requirement. Sockets are of hardened tool steel designed to grip tightly. Shank are of cadmium-plated heavy steel with ribbed wood handles. Easy to grasp and use. Offset type is handy for reaching into tight places. Sizes below will handle all standard nut sizes used in radio work.

**HANDY SCREW DRIVER SET**
A popular kit of three screwdrivers in the most useful sizes. Comes in convenient leatherette holder for shop wall mounting. Each screwdriver insulates handle and finger guard. Blades measure ½", ¾", and 2½". Each...
A5186. NET PER SET... 38c

**FLEXIBLE SHAFT SCREW DRIVER KIT**
A screwdriver that will eliminate a lot of knifed knuckles. Special flexible shaft allows its use in many awkward places where a regular screwdriver couldn’t reach. Has insulated and molded plastic screwdriver, molded molded handle.
... NET PER SET... 88c

**7 IN. SOLDERING IRON HOLDER**
A sturdy, soldering iron holder measuring 7 inches long. Useful in the shop, garage, or service work. Prevents burns, scalds, or damage to soldered or burned surfaces.
A2206. Your Price... 12c

---

SEE OUR 152 PAGE CATALOG FOR COMPLETE TOOL LISTING.
TIP JACKS
A2026. Fig. A. Nickel-plated tip jack requires a minimum of 14" mounting space. Bronze springs grip phone or speaker cord tip. Ideal for phone sockets. Per Doz. $1.60. NET EACH. $1.40.

A2025. Fig. B. Heavy springlashes with positive action. Solid compact type for limited space. Includes 1/4" mounting hole. Will fit all standard tip jacks. Pull nickel-plated. Per Doz. $1.20. NET EACH. $1.00.

INSULATED TYPE
New type snap-in contacts for smooth action. Insulated head and shoulder washer. Ideal for use with metal chassis or panels for headphone or speaker output, or any other equipment. Per Doz. $1.60. NET EACH. $1.40.

IMP PLUGS
A2027. Fig. A. Aidget plug with screw-on solderless connections. Fits all standard tip jacks. Per Doz. $1.40. NET EACH. $1.20.

A2032. Fig. C. RED. Per Doz. $1.40. NET EACH. $1.20.

A2033. Fig. D. BLACK. Per Doz. $1.40. NET EACH. $1.20.

TWIN JACKS
LAMINATED TYPE
A4060. SPEAKER. Per Doz. $1.40. NET EACH. $1.20.

A4062. PHONO. Per Doz. $1.40. NET EACH. $1.20.

A4064. Type A. 10 FOR 55c. EACH. 6c.

EBY JUNIOR BINDING POSTS

MUELLER BATTERY CLIPS
A6000. Type A. 5" long, 5 amp., 14 gauge wire. Per Net. 10c. Box of 10. $1.00. Box of 40. 6c.

A6005. Type B. Per Net. 12 FOR 8c.

GRID CLIPS
Screw contact spring clips. Type A. 5" long, 5 amp., 14 gauge wire. Type B is for new metal tubes. Per Doz. 3c. NET EACH. 2c.

A2048. Fig. A. New type plug, with tin-plated spring brass plug-in group, ideal for use with all types of tubes and tins. Per Doz. 38c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.

A2049. Fig. B. Nickel-plated jack to fit above plug. Complete with lug and nut. 9/10" long. Per Doz. 39c. NET EACH. 32c.
PILOT LIGHT SOCKETS

Various Pilot light sockets for all radio requirements. High quality construction. Carefully assembled with silver-plated lugs for easy soldering. Spring contacts in the socket keep lamp firmly in place. These sockets may be mounted in different positions to suit individual needs for all pilot light requirements. Used extensively by high-grade radio manufacturers. Wat., 1 oz.

A6380... Type A... EACH... $0.05
A6382... Type B... EACH... $0.05
A6386... Type C... Bayonet Shell Type... $0.05
A6379... Similar to type D, but mounting clip reversed...
10 Lots 42c.
100 Lots $3.70. NET EACH... $0.05

JEWELLED Pilot Light Brackets

A very popular pilot light bracket with a realistic jewel window. The socket mounted on the bracket takes regular pilot bulbs. Requires a single hole mounting for use as indicator on power relays, relay racks, test instruments, etc. Lets you know when equipment is in operation. Complete with jewel...

A6383... YOKE. GROMMET. PRICE...

PHOSPHOR BRONZE DIAL CABLE

The 42 Strand Cable is made up of 6 individual cables each consisting of 2 strands of phosphor bronze wire wound together in a single layer. The 16 Braided Cable is made up of 16 strands of fine bronze wire wound together in a single layer. 10 BRAIDED NET...

A6070... 3 ft. $0.20
A6076... 20 ft. $0.72
A6078... 50 ft. $1.39
A6076... 100 ft. $5.60

LITTLEFUSES

Designed especially for the protection of delicate test instruments. Littlefuses are so constructed as to break down the current long before the equipment is harmed. Widely used in 1 1/2" wide. May be used as A.C. or D.C. Fuse is glass enclosed. Choose your equipment with littlefuses...

Max. Stock Ammp. Load Price

A6230 1/100 10... $0.32
A6232 1/100 12... $0.34
A6233 1/80 100... $1.00
A6234 1/60 100... $1.00
A6235 1/40 100... $1.00
A6236 1/20 100... $1.00
A6237 1/10 100... $1.00
A6238 1/5 100... $1.00
A6239 1 1000... $1.00
A6240 2 2000... $1.00

BAKELITE KNOBS

MODERNISTIC TYPES

A6201 1/4" across including Pointer... 4 7/8" high. 3/4" hole. Set screw in side. Modernistic design...

A6202 1 1/4" Dia. Octagon Pyramid Top. Walnut finish. Set screw in side...

A6203 1 1/4" Dia. Octagon Flat Type. Walnut finish. Set screw in side...

POINTER KNOB

Attractive, tapered black bakelite knob with white arrow pointer stenciled on face. 1 1/4" base...

2 TONE KNOB

2 tone effect and well proportioned. Appropriate for all models. Smooth, polished finish...

PIERCE KNOB

A6206 1 1/4" Dia. Octagon Flat Type. Walnut finish. Set screw in side...

LITTLEFUSE MOUNTINGS

Blk moulded bakelite mounted on black bakelite terminal. 1 1/4" base...

For instrument littlefuses...

Single hole mount...

PER DOZ., 9c EACH...

A6205 1/32" Panel type mounting...

A6230 1/16" etc. each...

A6232 1/16" etc. each...

A6234 1/8" etc. each...

A6235 1/4" etc. each...

A6236 1/2" etc. each...

A6237 1" etc. each...

A6238 2" etc. each...

A6239 4" etc. each...

A6240 8" etc. each...

KURZ KASCHE VERNIER DIAL

Polished black bakelite dial of pleasing appearance and finish. Translucent surface. Knob reads 0-100-0. Has smooth, positive friction drive vernier action; no back lash. Available in three sizes. Each size 1/2 to 1/4" shaft. Ideal for Short Wave receivers, transmitters, meters, and any other equipment requiring a smooth, free-running action. Easy to mount. 4 inch dial housing is 9" long. In size 6 to 1 ratio, Wt. either size, 4 oz.

A6264... Black, 5"...

A6265... Brown, 4 1/2"...

A6266... White, 4 1/2"...
LARGE LOW-LOSS RIBBON COIL FORMS

Well-designed plug-in coil forms of moulded bakelite. Have eight-ribbed surface for high-loss coil winding; 1" diameter with 2 1/4" space for easy handling. Listed in four colors.

COLOR
Black
Brown
Red
Green

PROPRION
A263
A263
A263
A263

PROPRION
A263
A263
A263
A263

PROPRION
A263
A263
A263
A263

PROPRION
A263
A263
A263
A263

17¢ 1¢


Bakelite Ribbed Type

Genuine moulded bakelite, 1 1/2" high, used in short-wave interference filters and tuning condensers for band-pass and band-stop filters. Uniform precision-spaced windings for high efficiency. Proportions as standard parts. Coils are for use with 140 mmf. condensers.

4 PRONGS—2 WINDBINGS


A5576. Ultra Short Wave Coil. One coil covers 9.5 to 21 meters. List: $0.75. NET: $0.60.

Rim Type Plug-In Coils

Rim type coils, high efficiency, space-saved coils for short-wave receiver bands, having 140 mmf. condensers. Forms are m o o o t h b a k e l i t e, 1 1/2" in diameter and 2 1/4" high; have rim-ends for easy handling.

4 PRONGS—2 WINDINGS

A5565. Short Wave Coil Kit. 4 coils cover range 16 to 217 meters. List: $1.65. NET: $1.40.

A5566. Broadcast Coil Kit. 4 coils cover range 160 to 550 meters. List: $1.50. NET: $1.20.

A5567. Ultra Short Wave Coil. Covers range 9.5 to 21 meters. List: $0.50. NET: $0.40.

R.F. CHOKES


Unshielded
A6688
A6689
A6690
A6691

Shielded
A6692
A6693
A6694
A6695

1¢
1¢
1¢
1¢

1¢
1¢
1¢
1¢

1¢
1¢
1¢
1¢

3¢
3¢
3¢
3¢

BAND-SWITCHING COILS

A new band switch which gives complete coverage from 16 to 160 meters. No plumbing-in; band changing is simply accomplished by switching. Units are easily mounted and require only 1/4" shaft. With 4 prong for easy mounting.

A6661. List: $4.25. YOUR PRICE $2.50

UNIVERSAL PRECISION GANGL CONDENSER

These universal condensers serve every replacement or original gang condenser. One gang condenser is equivalent to 2 or more or 3 gang units for attaining 4, 5, or more ganged sections. Either end may be used as front, providing either clockwise or counter-clockwise rotation is a matter of choice. The terminal parts are made of brass. Clockwise: condenser closes to the right. Threading: 4 1/2 mmf. Each.

TRF A5259. $1.03 A5258. $1.50

 REPLACEMENT MAJESTIC I.F. TRANSFORMER COILS

Designed to replace the original coils in various Majestic receiver models. Will fit in original Majestic shield case with no change. Wound of double-coated enamelled wire on paper condensers and cans. M. W. no. Part No. Model NET EACH
50 A1754 15 15, 15, 15 500 A1701 8284 15, 15, 15 150 A1702 10283 15, 15, 15 150 A1703 7181 Primary coil used as I.F. transformer. In Models 250, 300, 310, 400, 620 and 800.

Rim Type Forms

Smooth moulded bakelite; low-loss, high strength, dielectric strength. Universal use. Moulded rim handle for easy grip. 1 1/4" diameter and 31/2" high. Fit standard tube sockets. Mechanically and electrically; strongly electrically; strongly efficient.

No. Propr. No. Propr.
A1930 6 1933 78 (750)
A1931 7 1934 75 (750)

18¢
18¢

THREE CIRCUIT TUNERS

Main and secondary, and variable tickler windings. Covers 200 to 370 meters with 350 or 500 mmf. condensers. M. W. no. A1701. For 500 mmf. Our Price $7.35.

DE-JONG BAND-SPREAD CONDENSERS WITH AIRPLANE DIAL

New band spread tuning unit with one dial control. Main condenser drives points of other points. One knob controls both sections and 4 1/4" shaft. 1/4" shaft. $6.17

TRF 700-740, 3 gang. 420-480. Our Price $6.69

DE-JONG BAND-SPREAD CONDENSERS WITH AIRPLANE DIAL

NEW PRECISION SINGLE CONDENSERS

General purpose single unit type condensers of high quality. Bakelite insulation assures low-loss. Features bits, half-wave front bearing and bronze bushing. 1 1/4" shaft. 1 1/8" long. Measure: 1 1/4" neck. Clockwise: condenser closes to the right. 1 1/4" shaft. 1 1/8" long. Measure: 1 1/4" neck. Condenser bushing: 1 1/2" shaft. 1 1/8" long. Measure: 1 1/4" neck.

A6276. $85 each. A6268. $1.25 each. A6246. $1.25 each. A6251. $1.25 each.

CONDENSER COUPLINGS

Insulated flexible shaft coupling. Permits tandem operation of several similar condensers. For 3/8" shafts.

A2615. 21¢ each.

SHFT FITTINGS FOR EVERY PURPOSE

Split Bushing Coupling

21¢ each.

COUPLINGS AND EXTENSIONS

Couplings are designed for extending shafts of volume controls, condensers, etc., for ganging single units, even when shafts are on different planes. Per 50 units $9.00. STOCK NO. 1122.

SIZE
Brass and fibre shafting

For extensions or replacements, 1/4" dia.

A2000. 1/8" brass. 1/16" long. EACH 1¢
A2001. 1/16" brass. 1/16" long. EACH 1¢
A2002. 1/16" brass. 1/8" long. EACH 1¢
A2003. 1/16" brass. 1/16" long. EACH 1¢
A2004. 1/16" brass. 1/8" long. EACH 1¢
A2005. 1/16" brass. 1/16" long. EACH 1¢
A2006. 1/16" brass. 1/8" long. EACH 1¢
A2007. 1/16" brass. 1/16" long. EACH 1¢

Brass and Fibre Shafting

For extensions or replacements, 1/4" dia.

A2008. 1/8" brass. 1/16" long. EACH 1¢
A2009. 1/16" brass. 1/16" long. EACH 1¢
A2010. 1/16" brass. 1/8" long. EACH 1¢
A2011. 1/16" brass. 1/16" long. EACH 1¢
A2012. 1/16" brass. 1/8" long. EACH 1¢
A2013. 1/16" brass. 1/16" long. EACH 1¢
A2014. 1/16" brass. 1/8" long. EACH 1¢
A2015. 1/16" brass. 1/16" long. EACH 1¢

Split Bushing

For increasing shaft diameter from 1/4" to 1/8" 1/4" I.D. - 1/8" O.D. 1/2" long. 5¢ each.
VACUUM COFFEE BREWER

This new vacuum type coffee maker produces delicious, amber clear coffee. Double filter system captures fumes from coffee, makes it's own "just right," and the maximum number of cups per pound. Made of polished, full-fit, high-resisting glass with "partial" "Ever-Kool" handle, and "Snap" filter holder. May be used on top stove, electric stove, or any open flame. Illustrated with single-burner electric stove which is listed separately below. Base is finished in triple-plated chrome, with long-life heating element; supplied with cord set. For 110-125 volt, A.C. or D.C.

A10136.
7 CUP MODEL.
YOUR PRICE.
A10137.
ELECTRIC
STOVE.
YOUR PRICE.
A10138.
ELECTRIC
STOVE.
YOUR PRICE.

INDICATOR WAFFLE IRON

A modernly designed waffle iron of the new Lowboy type. Future southerland indicator shows exactly when grid wire is baking temperature. Heating element is completely enclosed and sealed against air and moisture for long trouble-free service. Gold-tone, non-stick grids; trim heat-proof bakelite handles. Finished in beautiful high chrome; durable, easy to clean, non-tarnishing. Complete with Underwriters' Approved cord set with unbreakable rubber plug. Real value at this exceptionally low price.

A7648. YOUR PRICE.

NEW SAMSON VISIMATIC IRON

- MEAT IS ADJUSTABLE FOR EVERY FABRIC
- KEPT AT PROPER TEMPERATURE BY THERMOSTAT CONTROL
- MOSTADJUSTABLE SWITCH ELIMINATES NECESSITY FOR DISCONNECTING IRON

A very attractive automatic iron incorporating revolutionary new features in iron construction. Heat control knob is set at the strength of the iron, while the soluble strength of the fabric. Heat unit is embedded in Steel Rock; the sole plate is the largest ever built for home use. Complete with 6 foot cord and rubber plug. Underwriters' Approved.

A10304. Same as above except 600 watts and without automatic control feature. YOUR PRICE.

A10305. YOUR PRICE.

NEW SAMSON PANELLED IRON

Attractive, gracefully designed, and so perfectly balanced that ironing is done with a minimum of effort. Sturdily made, the 14" unit is embedded in steel rock which seals it from air and moisture and maintains its heat level with a minimum of current. Large beveled sole plate and tear proof heat-secure, quick ironing and ease in getting around buttons. Paned enamel handle is shaped to hand and prevents hand and wrist strain. 600 watts. 8 x 8 x 2.

A10301. YOUR PRICE.

HOT DONUT HOT WATER HEATER

Hot water at a jiffy, when you want it. 110 volt A.C. or D.C. or both; simply plug cord into any 110 volt A.C. or D.C. Going. Inexpensive and portable, valuable to travelers and tourists. Finished in bright chrome to add a key to your;$6.45

A9161. YOUR PRICE EACH.

PER LOTS OF 10.

NEW AUTO FLIP TOASTER

Has specially designed toasted chamber. Bread is toasted evenly over entire surface. Heating element is made of finest nichrome ribbon wound on selected mica; suspension mounting allows easy cleaning. When flip button is turned, toast is turned automatically when done; lower sections can be kept warm on top cover. Chevron perforated for non-tarnishing. Shop, bottom and end pieces are beautiful, oven-proof, heat-resisting bakelite. Complete with cord set.

A7647. YOUR PRICE.

TRI-MATIC 3 SLICE TOASTER AND CANAPE SET

A smart new service that has many outstanding features. 3 slice toaster is full automatic; toasts 3 slices as perfectly as 1; switch turns off current in unused empty chambers when 1 slice is being toasted. Auxiliary heating unit keeps toast "piping hot" after toast is current; 1 unit is not. Beautifully finished in gleaming, chromium and silver. For use on any current from 105 to 125 volts A.C. or D.C. Complete with 6 foot cord and rubber plug. Gracefully shaped fluted crystal glass Canape tray has platinum trimmings.

A10302. Complete with 3 slice triomatic toaster and tray.

A9160. YOUR PRICE.

MIRACLE FOOD MIXER

APPROVED BY GOOD HOUSEKEEPING INSTITUTE. A modern, high quality electric food mixer designed and constructed for long lasting service. Has many exclusive features. Will mix, whip, stir, or beat all types of batters, pastry, dough, salad dressings, eggs, cream and many other foods; also equipped with juicer extractor. Powerful three horsepower universal motor operates on 110 volts A.C. or D.C.; three speeds take care of foods requiring fast or slow mixing. Motor tilts back to drain beaters, for easy removal. Lift-off bowl base revolves to permit easy mixture. Finished in buff enamel. Complete with 1 large and 1 small mixing bowl, 1 juice extractor and 3 beaters; 1 pair plated beaters and 1 beverag mixer. Underwriters' approved rubber covered cord.

A9164. YOUR PRICE.

VIDRIO ELECTRIC MIXER

An efficient little labor-saving assistant for the housewife. It beats, whips and mixes, swiftly and smoothly. For making salad dressings, merengue and countless other foods. Motor is sturdy and dependable. Portable motor driven head may be used anywhere. Detachable beater is very easy to clean. Glass measured-capacity jar holds 1 cup. For 110 V. 60 cycles; complete with cord and plug. A very inexpensive, dependable electric beater that will find its uses in every kitchen. Worth many times our price.

A1043. YOUR PRICE.

LOT OF 6, YOUR PRICE EACH.

QUALITY AUTOMATIC 3-HEAT ELECTRIC PAD

A high grade Underwriters' Approved with grommet and insulation. Automatic double-therving, positively maintains heat over heating. Heat range selected by four position bakelite switch installed in Rayon covered cord; with rubber plug. For 110 V. A.C. or D.C. 55 watts. Thor- ughly insulated.

A7638. YOUR PRICE.

LOT OF 3, YOUR PRICE EACH.

OUR PRICES ARE ALWAYS LOWER — WE WILL NOT BE UNDERSOLD
ELECTRIC KITCHEN CLOCK
A smart, well made clock designed to harmonize with the attractive kitchen. Metal case is 7" in diameter, white dial has large, easy-to-read figures. Fitted with an extra crystal and chrome bezel. Entire movement is sealed to keep out greasy vapors and dust. Available in ivory or green enameled finishes. For 110 volt, 60 cycle A.C.

A10305. IVORY. YOUR PRICE EACH. $1.91
A10307. GREEN. YOUR PRICE EACH. $1.91

ADCO SAFETY HEAT-FAN
The modern safety heater that blows the hot air—circulates it through the whole room—instead of routing it on one small spot. Heat shielded motor, air-cooled casing. Tilts back through 30 degrees so that heat can be directed as desired. Has long-life 1,000 watt heating element. A10306. Construction with attractive green Morocco finish. 15" high, 5" deep and 12" wide. 110 Volts A.C.

A10306. NET. $6.37

NEW HAVEN ELECTRIC TIME SWITCH CLOCK
Serves as a high grade electric clock keeping accurate time and also as an automatic control. Will switch radio on or off at a pre-determined time; also controls lights, night lights, fans, window shades, etc. Easily adjusted. A10150. List. 37.50. YOUR PRICE EACH. $4.77

POCKET FLASHLIGHT
Invaluable to the service man. Throws a concentrated spot of light into dark corners of engine compartments. Fits 2 dry cells. 3½" long, 2½" wide. 1.9215. YOUR PRICE. 28¢
A1160. Complete with bracket and bulb. NET. 28¢
A1161. Extra bulb. NET. 7¢
A1162. Extra 2 cell bulb. NET. 7¢

Major Bowes Amateur Home Broadcasting Microphone
A sensation at parties, at home, wherever there is a radio. Helps develop "Mike" technique. This real single button microphone for home use is sensitive, reproduces with a clear tone and with pleasing volume. Easy to connect, no rewiring necessary. Simple instructions are furnished. Complete with permanently connected equipment. Can be switched to cut radio programs on and off. Metal case is 5½" high by 4" wide. Finished in black and gold. Complete with 20 foot rubber covered cord.

A6790. NET. $194

MODERN TABLE LAMP
An attractive table lamp of modern design combining pleasing appearance with soft even diffusion of light. An ideal reading lamp that harmonizes well with all types of room furnishings. Overall height is 16½" with colored parchment shade 10½" in diameter. Decorated shade is celluloid-wrapped. Equipped with standard edition switch. Complete with 6 foot silk-covered cord and plug.

A9162. TABLE LAMP. LESS BULB. IN LOTS OF 6. $105

U. S. AUTO COMPASS
With Built-in Compensator
A handsome, efficient compass, tells at a glance the direction in which you are driving, useful during touring or when hunting or camping in unfamiliar territory. Especially helpful at night. Case is of attractive black bakelite with chrome fittings. Built-in compensator assures accurate readings. With vacuum-cup and bracket for windshield or overhead mounting.

A2948. IN LOTS OF 6. EACH. $1.35

BURGESS LANTERN
An unusually practical search-light type lantern. Designed to stand up under hard usage. Provides a penetrating, well-distributed light; focusing adjustment allows variation of light beam from a sharply focused spot to a broad beam. Carrying handles are detachable from silver lacquer. Requires 4 No. 2 Uni-Cells; may be operated with only 2 cells if full brilliance is not needed. 2½" x 2½" x 9½". 1112. YOUR PRICE. $1.00

AIRMETER TELLS HUMIDITY AND TEMPERATURE
For your health and comfort, know the condition of the air you breathe. The Airmeter tells at a glance the relative humidity and air temperature with marked accuracy. Chrome case with black dial face and contrast color filled figures and pointers. Size 9¼" x 3½".

A3967. YOUR PRICE, EACH. IN SINGLE LOTS. EACH. 67¢

Signal Twin Wireless Code Practice Set
An ideal, inexpensive practice set for those who wish to learn the code. Ten keys, 25 pages practice sheets, in attractive Maroon and Gold display boxes. Complete with instructions in this book. A7790. PRICE EACH. $2.03

LEARN WIRELESS CODE
A practical, scientifically designed set, invaluable for learning wireless code. Consists of two complete "stations," each equipped with a key, buzzer and easy-to-read code plate marked on it. Standard type of rack, attractively finished. 75 feet of wire supplied for inter-connecting the stations; may be operated up to 1,000 feet apart by additional wire. Operate with standard dry cells, listed elsewhere in this book. Complete with instructions. A10150. NET. $1.91

INDICATOR MULTIPLE FUSES
- Fuses in 1.
- Indicator Gloses When Fuse Blows.
- Turn to Key Engages New Fuse.

New improvement in fuse design. Contains 6 links; has neon light indicator. When fuse blows neon light glows permitting its easy location; no more guessing. A turn of the knob as top of fuse engages new link. Fuse has six links. Underwriters approved. A6795. 10 Amp. A6798. 15 Amp. A6796. 20 Amp. A6797. 30 Amp. PRICE EACH MULTIPLE FUSE. 25¢

A1124. Same as above, but smaller; requires 3½" x 2½" x 1¾". NET. 36¢
A1117. Burgess No. 2 Uni-Cell, 6¢

AUTO TROUBLELAMP
Every motorist, mechanic, garage, service station, etc., will find countless uses for this new utility Drop Light. Heavy duty 15 ft. cord, durable rubber handle and nylon boot. Equipped with cadmium plated clips to attach to any 6 or 12 volt batteries; square lamp guard with reflector protects bulb and concentrates light upon object. Ideal for trucks, tow cars, farm machines, etc. A9154. 6 Volt. WITH BULB. A9155. 12 Volt. WITH BULB. NET EACH. IN LOTS OF 6. EACH. $1.30

A6790. NET. $1.20
A Sensational Hit!

Knight 5 TUBE A.C. SUPERHET

Here's the Radio Sensation of the year—a new Dual Wave Knight 5 Tube A.C. Superhet that is literally packed with value! No other set at this price has half as many features. No other set at this price has so much built-in quality, such big power and fine tone, such good looks. Check these features for yourself—they prove that only ALLIED can give you radio's Outstanding Value!

* TUNES 2 FULL BANDS. The Knight 5 tunes from 43 to 150 Meters to bring in Short Wave police, aviation and amateur 'phone, as well as actual thrilling foreign reception on the popular 49 meter foreign Short Wave band. The second band covers from 175 to 550 Meters and tunes the upper police channel and the entire range of American and Canadian standard Broadcast stations. These two bands actually give you three band utility because they cover the most important Short Wave and Broadcast channels.

* BIG 2½ INCH VERNER DIAL. It's easy to tune the Knight 5. The big, fully illuminated 3½ inch airplane dial is accurately and clearly calibrated. It shows two easy-to-read scales, the upper calibrated in kilocycles for standard broadcast tuning, the lower marked in kilocycles for Short Wave tuning. All important Short Wave bands are clearly designated in meters. Double-ended pointers and vernier action assure quick, positive station logging. Another big Value Feature!

* 6 INCH DYNAMIC SPEAKER. A full-size 6 inch Electro-dynamic speaker is used in the Knight 5. It faithfully reproduces the fine total output of the circuit with flawless fidelity at either full volume or at a whisper. You'll enjoy the life-like re-creation of the whole range of voice and music, the reproduction of each program with stirring realism and vitality. Another exclusive Value Feature!

* LATEST CIRCUIT. The Knight 5 assures you of the most recent radio improvements because its circuit is licensed by R.C.A. and Baseline and utilizes the latest developments from these world-famous laboratories. Latest type tubes are used throughout as follows: 6A7 as 1st Det.-Osc.; 6D6 as I.F. Ampl.; 7S as Diode Det.-A.V.C.-1st Audio; 46 as Pentode; 60 as rectifier. Actually achieves 8 tube efficiency. Includes rubber-foamed tuning condenser for greater stability; has 8 tuned circuits for maximum selectivity and automatic volume control to prevent blaring and to maintain uniform volume.

* BEAUTIFUL "LOW-BOY" DESIGN. The Knight Dual Wave 5 is presented in a beautiful laydown type cabinet with pleasing rolled top design. The top and front are one panel bent of selected vertically-grained walnut. Measures 10 x 14 x 8 inches.

* A $30 VALUE. The Knight Dual Wave 5—Radio's Sensational Hit—is offered in the beautiful cabinet illustrated above, complete with Raytheon tubes. For operation on 110 volt, 60 cycle, A.C. Code: KEEH. Shipping weight, 10 lbs. Retail Value, $30.00

OUTSTANDING BEAUTY

FOR THE FUTURE, $13.95

RCA & HAZELTINE LICENSED

COMPLETE WITH RAYTHEON TUBES

43-150 METERS
175-550 METERS
2 Thrilling Bands
with 3 Band Utility
AUTOMATIC VOLUME CONTROL
8 TUNED CIRCUITS

FOREIGN RECEPTION
Tunes 49 Meter Band

5½ INCH DIAL
Vernier Dial for Accurate Tuning

FULL 6 INCH DYNAMIC SPEAKER
for Beautiful Tone