

SUPPLIERS TO

INDUSTRY • JOBBERS

BROADCASTING STATIONS
SERVICEMEN

ELECTRONIC ENGINEERS
AMATEURS

UNIVERSITIES & SCHOOLS



A WORLD OF ELECTRONIC SUPPLIES

Catalogue

1958

Universal Electric Co.

THE ELECTRONIC SURPLUS HOUSE OF CANADA

DISTRIBUTORS OF

RADIO - TELEVISION - ELECTRONIC AND RADAR COMPONENTS

1432 ST. LAWRENCE BLVD. MONTREAL P.Q. TEL. VI.5-2691 VI.5-4403

RECORD CHANGERS

Four Speed Autochanger *the*



MONARCH U A 8

A logical development of the well-known Monarch UA 6 Record Changer, the UA 8 is designed to play the new 16-2/3 rpm "Talking Books" in addition to 33-1/3, 45, and 78 rpm records. Important new features include: provision for manual play, a neutral position which disengages the drive, adjustable stylus pressure and the reduction of rumble and wow to negligible proportions.

Magidisk selection intermixes ten 7", 10", and 12" records of the same speed.

Ten record capacity at any speed including the New 16 rpm records.

Pick-up automatically brought to rest and motor switched off after the last record. Neutral position disengages pulley when changer is not in use giving reliable speed control.

Diecast aluminium pick-up arm is rigid and resonance-free, and designed to accept most standard Canadian, British and American cartridges.

Stylus pressure is adjustable to fit specific cartridges.

9" heavy steel turntable is carefully tooled to eliminate wobble. It rotates on a ball-bearing race ensuring smooth operation.

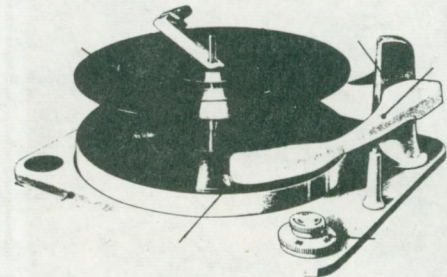
Four pole dynamically balanced motor gives constant power and eliminates electronic Hum.

Reversible dual sapphire styli with extended frequency range cartridge.

"Wow" has been reduced to less than 1%.

Exquisitely styled with a beautiful Polychromatic finish.

Dimensions: Height 5-5/16" — Depth 2 1/2" — Length 12 5/8" — Width 10 3/4".



This unit used by Canadian Manufacturers in all their finest units.

\$28.50 *The finest Monarch yet!*

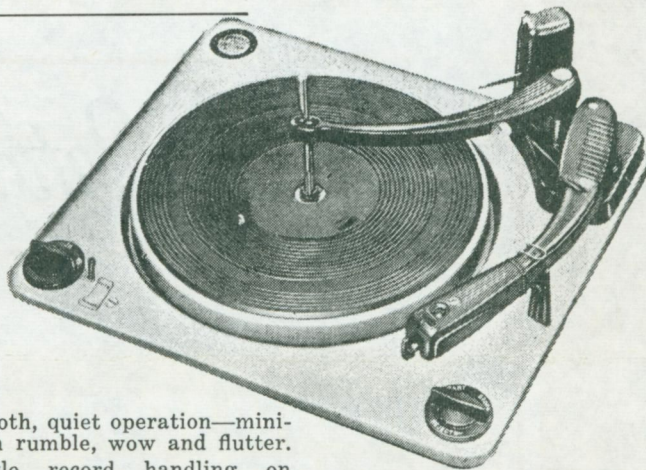
Collaro

CHALLENGER

4-Speed Record Changer
for 78, 45, 33 1/3 and 16 2/3 rpm.

FEATURES and SPECIFICATIONS:

- MANUAL and AUTOMATIC operation at all speeds.
- Automatically INTERMIXES 7, 10 and 12-inch records in any order.
- Rapid CONSTANT change cycle regardless of record speed.
- INTERCHANGEABLE plug-in shell for standard cartridges.
- Heavy, 4-pole motor — dynamically balanced.
- Smooth, quiet operation—minimum rumble, wow and flutter.
- Gentle record handling on straight spindle.
- Automatic shut-off after last record — idlers disengage in 'off' position.
- Rubber-matted turntable — RIM-WEIGHTED for flywheel action.
- SINGLE KNOB speed selection.



Complete
With
Cartridge

\$32.50

PHONOMOTOR TURNABLE 60 CYCLE

This is a 4 speed phonomotor and turntable assembly complete with speed-change over lever. Grooved rubber mat on turntable to cushion records. Turntable is die-cast metal with special 45 RPM centre hole adaptor. Speed positions include neutral position which eliminates flats on rim drive wheel. Motor is attached to turntable on grommet suspension hardware. Motor also a 25 volt tap for single tube amplifiers. Ideal replacement for single or multiple speed phonographs. Easy to install, efficient in operation.



T.U.9 unit.

Complete Assembly **\$6.95**

SPECIAL FOR 25 CYCLE USERS

Easily installed 45 R.P.M. record changer, It will play up to ten records at one loading. Trouble free mechanism assures fast, efficient and quiet record changing. A.C. line cord and phono-cord with plug are included with each unit, which is ready to be connected to any radio or amplifier. Base plate size 10" x 7". Overall height 6-3/4". Controls consist of two switches On/Off and reject. Available only for 115 V. 25 Cycles.

Your cost..... **\$7.49 EA.**

45 R P M CHANGER



The Goldring

Phono Pick-up Cartridges

Variable-Reluctance CARTRIDGE No. 500

A New High Fidelity Pick-Up Cartridge
with twin styli for standard and long-playing records.

TECHNICAL SPECIFICATION

No. 500 CARTRIDGE:—

Type : Magnetic variable-reluctance turn-over cartridge.

Styli : (1) .0025 in. rad. sapphire for 78 r.p.m. (green).

(2) .001 in. rad. sapphire for microgroove (red).

Normal tracking pressure : 7 grams.

Lateral compliance : Not less than 3×10^{-6} cm/dyne.

Effective mass at stylus tip : 3.5 milligrams.

Output (average) : 3.2 mV per cm/sec.

D.C. resistance : 1,500 Ω .

Impedance : 3,800 Ω .

Recommended Load Resistance : 50,000 Ω .

Frequency response : Substantially linear from 20 to 20,000 cps.

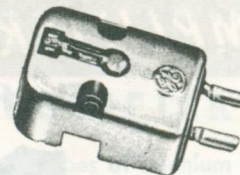


\$5.50

THE GOLDRING No. 500
CARTRIDGE

will fit all standard arms having
1/2" fixing-centres for the cartridge
bracket.

\$2.75 ea.



G-E VARIABLE RELUCTANCE CARTRIDGES SINGLE PLAY MODELS

The low mass of the moving system of these cartridges results in very low record wear, and gives smooth performance without resonance peaks to 15,000 cycles. Intermodulation distortion is negligible. Proven performance corresponds to that of the triple-type cartridges.

CARTRIDGE Model RPX-046: This is a broadcast cartridge with lower impedance to properly match professional broadcast equalizers. Less stylus. \$2.95 each

CARTRIDGE Model RPX-040: This is a standard reluctance cartridge with impedance 3270 Ohms at 1000 cycles. Together with a single play sapphire stylus.....\$2.75 each.

TURNOVER CERAMIC CARTRIDGES FOR 78, 45 & 33-1/3 RPM



SHURE Model WC24 Ceramic replacement cartridge.

This turnover cartridge features a standard type mounting assy. And has two osmium styli .001" and .0027".

It replaces SHURE #PC41, PC72V, and WC22AB cartridges. Response to 7000 cps. Net Wt. 4 1/2 grams.

Your Cost \$2.75 each

Your cost \$2.75 ea.

HGP CARTRIDGE Model 37.

This is the standard replacement cartridge for the MONARCH BSR and the HF 100 Record changer and player respectively. Fitted with dual sapphire styli for 78 RPM and Microgroove records, it is equipped with a turn-over lever and mounting bracket with 1/2" fixing centres.

Your Cost \$4.60 each.

Your cost \$4.60 ea.

BROADCASTER STYLI

Replacement sapphire styli for the HGP Cartridge employed on the MONARCH BSR changer.
Standard 78 RPM stylus \$1.15 each. — Long Playing Stylus \$1.15 each.

B.S.R. PHONO ACCESSORIES B.S.R.

Ivory plastic pick-up arm moulding. Manufacturer's replacement for the arm used on the BSR UA-6.

PICK-UP ARM MOULDING

Your cost \$1.15 ea.

THE ACOS REPLACEMENT ARM

The ACOS tone arm is beautifully styled for the best in appearance and performance. Counter-balanced for correct pressure, it pivots smoothly insuring easy tracking. A clearly marked turn-over cartridge with a frequency range of 30-11,000 Cycles gives Hi-fidelity reproduction. The cartridge is fitted with two cantilever sapphire styli for standard and long-playing records. Available in ivory only. Fits any record player

\$4.75 EA.



T.C.8H

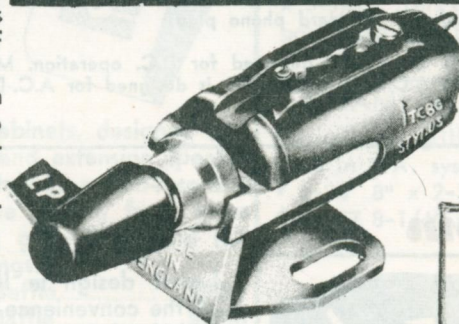
The TC8H is a crystal cartridge recently designed to meet the increased demand for a high output turnover type cartridge which is suitable for use with low gain amplifiers which are incorporated into a vast range of small and medium sized record players.

Modern styling, foolproof turnover mechanism and technical excellence are all combined to create a functional cartridge for pleasant listening.

Flat response + #3db up to 7000 cps. Output at 1000 cps at 1.2 cm/sec. 9 volts.

\$3.00 ea.

TURNOVER CRYSTAL CARTRIDGES



T.C.8M

The TC8M is a high fidelity cartridge which has been designed to give maximum listening pleasure from the finest in high fidelity installation to the simplest phono amplifier. The microgroove and 78 RPM styli cantilever mounted are easily replaced. Good and clear reproduction is assured because of low intermodulation distortion and natural frequency response.

Flat response + 3db up to 12,000 cps. Output at 1000 cps at 1.2 cm/sec. 3 volts. \$3.00



Special highly balanced arm fitted with TC8H or TC8M cartridge with easily adjustable styles pressure. Complete \$4.75

STYLI

The styli in both the TC8M and the TC8H are easily and quickly replaced by the simple loosening of the retaining screw.

STYLUS TC8G (standard) for both cartridges \$1.25 each

STYLUS TC8R (lp) for both cartridges \$1.25 each



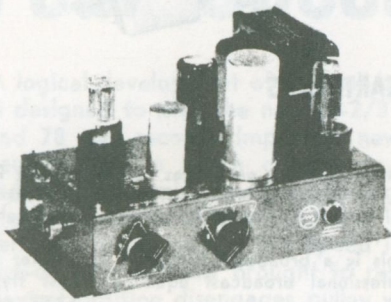
SEMI-AUTOMATIC PHONO PICK-UP ARM

This is a versatile semi-automatic arm equipped with a Hi Fi cartridge and dual styli. Automatic mechanism returns pickup arm to rest position at end of record and shuts off the player's motor.

Complete \$7.40

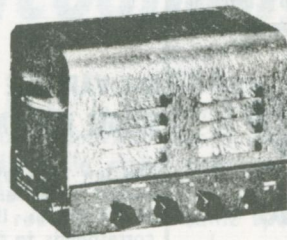
AMPLIFIERS

The finest in Amplifiers at the lowest prices



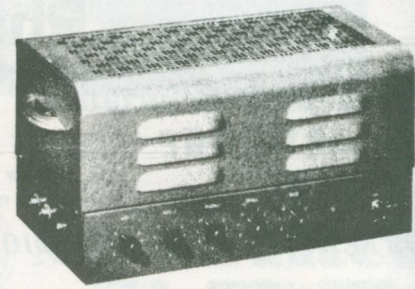
MODEL AT1 **\$20.00**

POWER OUTPUT: 4.5 Watts
 Peak Power 6 watts
 FREQUENCY RESPONSE: 80 - 9000 Cycles
 Gain: 70 db.
 INPUTS: Hi Gain Microphone & Phono
 CHANNEL IMPEDANCE: 500,000 Ohms
 CONTROLS: Volume, Tone, Power Switch
 OUTPUT IMPEDANCE: 4 and 8 Ohms
 POWER CONSUMPTION: 23 Watts
 Operating Voltage: 117 Volts 60 Cycles
 TUBES: 6SL7, 6V6GT, and 5Y3GT.
 DIMENSIONS: 9 1/2" long 4 1/2" wide, 5" high.
 FINISH: Beige.
 SHIPPING WEIGHT: 4 1/2 lbs.



MODEL AT2 **\$40.00**

POWER OUTPUT: 10 Watts at 2% distortion.
 PEAK POWER: 14 watts.
 FREQUENCY RESPONSE: 80 - 10,000 Cycles.
 GAIN: 110 db on microphone
 80 db on Phono
 INPUTS: High gain Microphone and Phono.
 INPUT IMPEDANCE: 500,000 Ohms each.
 CONTROLS: Microphone, Phone, Tone and
 Power Switch.
 OUTPUT IMPEDANCE: 4 and 8 Ohms.
 POWER CONSUMPTION: 60 Watts.
 OPERATING VOLTAGE: 117 Volts, 60 Cycles.
 TUBES: Two 6SL7's, 6AT6, Two 6V6GT's and a
 5Y3GT.
 DIMENSIONS: 10" long, 6" wide, 7 1/2" high.
 FINISH: Dark brown chassis, cream cover.
 SHIPPING WEIGHT: 9 1/2 lbs.



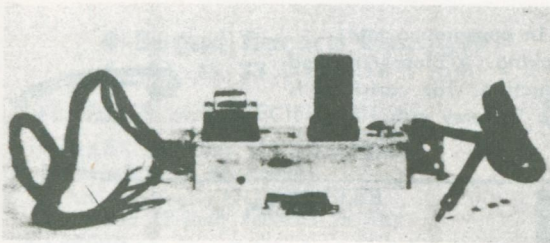
MODEL AT50 **\$67.50**

POWER OUTPUT: 25 Watts at 2% distortion.
 PEAK POWER: 30 Watts.
 FREQUENCY RESPONSE: 50 - 14,000 Cycles.
 GAIN: 112 db on Microphone
 80 db on Phono.
 INPUT CHANNELS: Two high gain microphones
 One phono.
 INPUT CHANNEL IMPEDANCE: 1 Meg ohm ea.
 CONTROLS: Two Microphone Controls.
 One Phono Control
 Treble, Bass,
 Toggle Power Switch.
 OUTPUT IMPEDANCES: 4, 8, 15, 250, and 500
 Ohms.
 POWER CONSUMPTION: 105 Watts.
 OPERATING VOLTAGE: 117 Volts at 60 Cycles.
 TUBES: Two 6SL7's, Two 6L6G's, 6AT6, 5U4G.
 DIMENSIONS: 16" long, 8" wide, 8 1/2" high.
 FINISH: Dark brown chassis, light cream cover.
 SHIPPING WEIGHT: 20 lbs.

PRE-AMPLIFIERS

R.C.A.

PRE-AMPLIFIER
 CERAMIC PICK-UP
 CARTRIDGE KIT

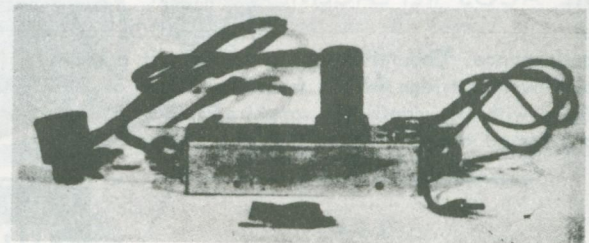


MODEL RK-137-1

\$3.49 EA

- 1—A new TITONE ceramic pick-up cartridge with stylus.
- 2—A compact, ready to mount pre-amplifier with one 6SQ7 tube.
- 3—Shielded phono lead with standard phono plug.
- 4—Detailed installation instructions.

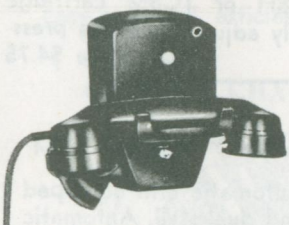
The Model RK-137-2 is specifically designed for D.C. operation. Model RK-137-1 with an added feature of an A.C.-D.C. transformer is designed for A.C.-D.C. operation.



MODEL RK-137-2

\$2.95 EA

The Famous Duocom



DUO-COM may be used as a desk phone or wall mounted... is compact and modern in appearance... operates for more than a year from a single 6-volt battery... complete installation instructions in each carton.

Latest design in INTERCOMMUNICATION SYSTEMS with all the convenience and privacy of a telephone. Easy to install and simple to operate these units can be placed on your desk or mounted on the wall. No dialing, no press-to-talk keys, no warm-up. Frees telephone lines for outside calls, relieves switchboards. Direct, instant contact with other phone. Ideal for the store, home, farm or office. No maintenance costs since you have no tubes or complex circuits to contend with.

TWO COMPLETE UNITS

YOUR COST
\$27.50



GUARANTEED P. M. LOUDSPEAKERS For Listening Pleasure

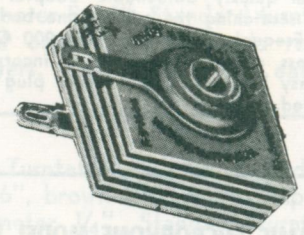


| MODEL TYPE | SPEAKER SIZE | PRICE |
|---------------|--------------|--------|
| UE - 4 | 4" | \$1.49 |
| UE - 5 | 5" | \$1.59 |
| UE - 6 | 6" | \$2.19 |
| UE - 8 | 8" | \$3.25 |
| UE - 10 | 10" | \$3.95 |
| UE - 12 | 12" | \$4.95 |
| OVAL SPEAKERS | | |
| UE - 46 | 4" x 6" | \$1.95 |
| UE - 57 | 5" x 7" | \$2.35 |
| UE - 69 | 6" x 9" | \$3.19 |

SELENIUM RECTIFIERS

A standard range of popular sizes and types of selenium rectifiers for every radio and T.V. replacement need. Provides dependable long-life service. Max input rms volts 130. Federal, Mallory, Sarkes Tarzian.

| M.A. - D.C. | PRICE |
|-------------|--------|
| 65 | 0.85 |
| 75 | 0.90 |
| 100 | \$1.10 |
| 150 | \$1.25 |
| 200 | \$1.35 |
| 250 | \$1.45 |
| 300 | \$1.50 |
| 350 | \$1.75 |
| 500 | \$2.25 |

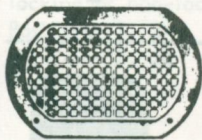


AUTOMOBILE SPEAKER KIT

Rear seat Automobile Speaker Kit which consists of one 6" x 9" ready to mount high quality loudspeaker, panel mounted switch-over assembly, pointer knob, hook-up wire and installation hardware. Includes wiring instructions.

Complete Kit \$4.85

AUTO GRILLES



Heavy Plastic Grille as in fig. 1, available in Red, Green, Blue, Grey.

Grey metal grille matching most car interiors, as in Fig. 2.



Fig. 1

Each \$1.45

Fig. 2



SPEAKER GRILLE CLOTH

A new pattern of a durable loose-weave grille cloth. Ideal for custom-built high fidelity speaker enclosures or for modernizing older cabinets.

Type 8 — Dark Brown - with large Diamond Pattern.

Type 9 — Mottled Tan - Chose woven.

Type 10 — Light Brown with Diamond Pattern.

Type 11 — Chocolate Brown with light diamond pattern.

52" wide.

\$1.60 per yard

T.V. GRILLE CLOTH ASSORTMENT

Consists of eight pieces of T.V. grille cloth pre-cut in most frequently required sizes. All shades of brown and beige with gold fleck and woven patterns. Sizes range from 25" x 15" to 14" x 12".

Per assortment \$3.25

GRILLE CLOTH ASSORTMENT:-

An ideal assortment for the serviceman or the amateur. Consists of six different pieces ranging in size from 23" x 13" down to 8-1/2" x 5-1/2". This assortment comes in attractive brown shades with gold threads or flecks on an ivory-beige background.

per assortment \$1.00

ORNAMENTAL GRILLES:-

Heavy metal grilles, for use over regular grille cloth or screening. Used in P.A. systems, on baffles, juke boxes etc.

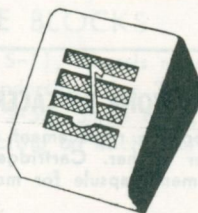
R-96 8" x 2-1/2", gold finish

15¢ each

R-157 8-1/4" x 4", gold finish

15¢ each

SLOPING FRONT SPEAKER BAFFLES



A series of modern, streamlined speaker cabinets, designed and constructed for sound system installations and extension speaker use. These cabinets feature compact styling, a non-resonant speaker cushion and fine craftsmanship. The sloping front gives full directional effect, while the matching grille cloth and the light wanut finish blend with any surroundings.

| | | | |
|----------------|---------------------------|-----------------|--------|
| 6" Baffle..... | \$2.50 | 10" Baffle..... | \$5.50 |
| 8" Baffle..... | \$3.50 | 12" Baffle..... | \$6.50 |
| UE - 4B | 4" Sp. Baffle Combination | | \$4.70 |

CONE & VOICE COIL ASSEMBLIES

| CONE SIZE | VOICE COIL DIA. | PRICE |
|-----------|-----------------|--------|
| 4" x 6" | 9/16" | \$0.30 |
| 5" x 7" | 3/4" | .40 |

RADIO AND PHONO CABINET COVERING MATERIAL

LEATHERETTE:-

Maroon Alligator pattern leatherette, 39" wide

40¢ yd.

Brown Alligator pattern leatherette, 39" wide

40¢ yd.

Leatherette in tweed designs, 38" wide, available in red, green, blue and brown shades

30¢ yd.

COW HIDE:-

Brown-Beige Cow Hide, 51" wide

90¢ yd.

MICROPHONES

DYNAMIC MICROPHONES

DYNAMIC MICROPHONE MODEL DM-10

New, specially priced 'pencil' type dynamic microphone. The Assembly includes a topple-Proof heavy metal stand and a quickly detachable adapter holder felt lined to avoid scratching the microphone body and giving a secure grip. Frequency response 60-15,000 Cycles. Microphone has noiseless on/off sliding switch incorporated into its body for easy hand control. Adapter plug and five feet of lead included.



Your Cost \$19.00

DYNAMIC MICROPHONE MODEL DM-8

CALRAD'S Model DM-8 pencil type dynamic microphone is designed either for mobile use or for desk-mounting on/off sliding switch insures efficient control. Frequency response is 50 to 15,000 Cycles; with clear voice or music reproduction. Impedance is 50,000 ohms. Includes standard 5/8" swivel adapter, two point connector and six foot length of microphone Lead. Grey finish.



Your Cost \$17.00

HIGH IMPEDANCE DYNAMIC MICROPHONE MODEL 600-D

Uni-directional, all-purpose microphone with eight feet of standard shielded microphone cable. Widest range frequency response, 50,000 ohm impedance. Light gray finish, adjustable tilt. Individually boxed as all CALRAD products.



Your Cost \$15.50

HIGH IMPEDANCE CRYSTAL MICROPHONE MODEL 400-C

A low-priced multi-purpose microphone with an adaptable tilt-mount, and a standard 5/8" tap for a table or floor stand. Assembly includes five feet of shielded microphone cable. Sturdy construction, wide frequency response and crisp voice reproduction. Light green glossy finish.



Your Cost \$7.20

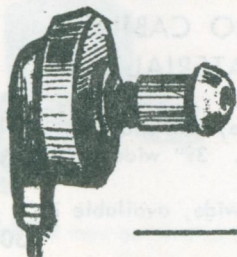
OMNI-DIRECTIONAL CRYSTAL MICROPHONE

MODEL 500-C

This is a dual element, high impedance omni-directional microphone for professional or amateur use. The microphone is mounted on a free-tilt bracket which is equipped with a 5/8" tapped attachment for stand mounting. Four foot length of shielded microphone cable. Chrome finish.



Your Cost \$12.10



SPECIAL HIGH OUTPUT—FOR LOW POWER CIRCUITS

This is a high power dynamic earphone designed specifically for low output inherent in most transistor circuits. Excellent reproduction combined with sensitivity make this earphone one of the most widely used in remote radio and TV listening. Extensive application in sub-miniature and miniature receivers, portables and a variety of transistorized circuits. Three foot length of light dual lead with miniature pin plugs. Available in 15 ohms or 2,000 ohms.

Your Cost \$2.20

CRYSTAL MICROPHONES

HAND CARBON MICROPHONE MODEL 63-L

This is a hand microphone specially designed for mobile application. Used extensively on taxi, police and other commercial mobile radios. Rugged construction with clear voice response, heavy duty switch for push-to-talk performance. Equipped with a wall or panel mounting bracket.



Your Cost \$6.75

HAND CRYSTAL MICROPHONE MODEL 50-C

High Impedance crystal microphone with on/off switch. Good frequency response with excellent reproduction.

Your Cost \$6.50



SLIM CRYSTAL MICROPHONE MODEL #100-C

High Impedance slim 'pencil' type crystal microphone. Equipped with on/off switch and shielded microphone cable.

Your Cost \$7.60



LAPEL CRYSTAL MICROPHONE MODEL M-28

High Impedance lapel type crystal microphone. With lapel clip and five feet of light gray shielded microphone cable. Microphone is circular with 1/2" body diameter. Metallic gray finish.

Your Cost \$3.80



CRYSTAL MICROPHONE MODEL M-127

Standard low priced crystal microphone. Sturdy construction, good frequency response, extremely handy, lends itself to a variety of radio and electronic applications.

Your Cost \$5.50



MICROPHONE REPLACEMENT CARTRIDGE MODEL C-3

Microphone replacement cartridge, crystal type with heavy rubber washer. Cartridge diameter 2-1/8". Standard replacement capsule for most crystal microphones.

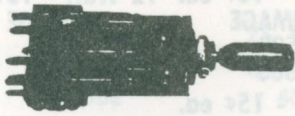
Your Cost \$3.00



NOTE—All CALRAD Microphones are sealed in light plastic bags for protection against moisture or humidity when in storage. Factory sealed for your satisfaction.

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

LEVER ACTION TELEPHONE KEYS



WESTERN ELECTRIC Type 479
Position 1, Nil, non-locking
Position 2, 1A, locking.
Less mounting plate.
2AGU

Our # H-4
\$1.85 each.

WESTERN ELECTRIC Type 479
Position 1, 1A non-locking
Position 2, 1A non-locking
With mounting plate.
D=161893-BC

Our # H-4-B
\$2.75 each.

WESTERN ELECTRIC Type 479,
Position: 1, 1B locking
Position: 2, 1B, 1A locking with
mounting plate.
479-EP

Our # H-2-B
\$2.50 each.

AUTOMATIC ELECTRIC Type 2 way,
locking or non-locking
Positions: 1, 2A
Positions: 2, 2B
#H-70278-3

Our # H-1
\$2.35 each.

AUTOMATIC ELECTRIC Type 2 way,
locking or non-locking.
Position: 1, 1A
Position: 2, 1A
Less escutcheon plate.
H-70860-1

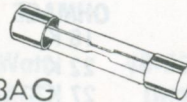
Our # H-2
\$2.50 each.

DRAWER SLIDES

Triple section drawer slides widely used for mounting record changers in custom-built Hi Fi systems, record storage drawers etc. Made of durable, heavy-gauge cold-rolled steel which is corrosion resistant. Inter-locking sections are all mounted on chromed ball-bearings for easy sliding. 18" when in 'closed' position, 22" when extended. Sections are tapped for mounting of drawer on slide and for mounting slide in cabinet or furniture piece.

\$1.25 each

Fuses



FUSES TYPE 3AG

| AMP. | VOLTS | DIMENSIONS | PRICE |
|------|-------|----------------|--------|
| 1/8 | 250 | 1-3/16" x 1/4" | 6¢ ea. |
| 1/4 | 250 | 1-3/16" x 1/4" | 6¢ ea. |
| 1/2 | 250 | 1-3/16" x 1/4" | 6¢ ea. |
| 3 | 250 | 1-3/16" x 1/4" | 6¢ ea. |
| 5 | 25 | 1-3/16" x 1/4" | 6¢ ea. |

In lots of 25 5¢ each

HEAVY DUTY FUSES

| AMPS | VOLTS | DIMENSIONS | MAKE | PRICE |
|--------|-------|-----------------|------|-------|
| 1/10 | 250 | 1-15/16" x 1/2" | B | 15¢ |
| 1/2 | 250 | 1-15/16" x 1/2" | B | 15¢ |
| 6/10 | 250 | 1-15/16" x 1/2" | B | 15¢ |
| 8/10 | 250 | 1-15/16" x 1/2" | B | 15¢ |
| 1 | 250 | 1-7/16" x 3/8" | GE | 20¢ |
| 2-8/10 | 250 | 1-15/16" x 1/2" | B | 25¢ |
| 3-2/10 | 250 | 1-15/16" x 1/2" | B | 25¢ |
| 1 | 5000 | 5" x 3/4" | L | 40¢ |
| 1 | 1000 | 2 3/4" x 3/4" | L | 25¢ |
| 3 | 3000 | 4-9/16" x 5/8" | B | 40¢ |
| 3 | 5000 | 5" x 3/4" | B | 45¢ |
| 5 | 600 | 4-5/8" x 3/4" | GE | 25¢ |

Symbols: B-Buss, L-Littlefuse, GE-General Electric.

FUSE EXTRACTOR

POST: Panel mount fuse extractor post with escutcheon plate for 3AG fuses 25¢ each

FUSE BLOCKS

Type S-11, Chassis mount, with terminal lugs on the underside. For 3AG and 4AG fuses. 10¢ ea.
Type S-50, Small base, top mount solder lugs projecting on each side. For 3AG and 4AG fuses 10¢ ea.

FUSE CLIPS

| | |
|--------------------------------|----|
| #1 - 0-30A., 250 V. 1/2" fuse, | 2¢ |
| #2 - 0-30A., 250 V. 5/8" " | 3¢ |
| #3 - 0-30A., 600 V. 3/4" " | 4¢ |
| #4 - 0-60A., 600 V. 1" " | 5¢ |

Fuse clips are made of high quality bronze, with ears to prevent slip-thru.

Accessories

TURNTABLES

TYPE 11 Turntable diameter 8", depth 7/8", brown felt covering, spindle diameter 5/32". Standard turntable used on 3-speed portable record players. 50¢ each.

TYPE 12 Turntable diameter 9", depth 9/16", brown felt covering, spindle diameter 1/4". Standard turntable used on 3-speed portable record players. 60¢ each

TYPE 14 Turntable diameter 9 3/4", depth 5/8", dark maroon felt covering, 3/8" opening for automatic record changer spindle. 3/4" whitmetal shank with 24 tooth gear for automatic changer control. Turntable weight is 2 1/2 lbs. 75¢ each

PRE-PUNCHED METAL CHASSIS

TYPE 101 Miniature pre-punched brass chassis. Dimensions are 5-5/8" x 3" x 3/4" deep. 10¢ each

TYPE 102 Portable radio pre-punched brass chassis. Dimensions are 7 1/2" x 2-3/8" x 1-3/8" deep. 10¢ each

TYPE 103 Standard mantel radio pre-punched metal chassis. Dimensions are 10 1/2" x 4 1/2" x 1 3/4" deep. 20¢ each

TYPE 104 Standard mantel radio pre-punched metal chassis. Dimensions are 11" x 4 1/2" x 2" deep. 20¢ each

TYPE 105 Standard mantel radio pre-punched metal chassis. Dimensions are 11-1/16" x 4 1/2" x 1 3/4" deep. 20¢ each

TYPE 106 Standard TV pre-punched metal chassis. All cutouts for power X'former, picture tube etc. Dimensions are 17 1/2" x 17" x 2 1/2" deep. \$1.00 each

IT'S EASY TO ORDER BY MAIL!



from

Universal

RESISTORS

OHMITE



KOOLOHM

Heavy Duty

20-25-50-75-100-160-200 WATT RATINGS



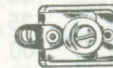
MALLORY

| 22 Watt OHMAGE | 26 Watt OHMAGE | 40 Watt OHMAGE | 48-50 Watt OHMAGE | 75-78 Watt OHMAGE | 90-100 Watt OHMAGE |
|---------------------------|---------------------------|---------------------------|----------------------|---------------------------|--------------------------------|
| 35¢ | 40¢ | | 50¢ | 75¢ | \$1.00 |
| 3000 | 50 | 9000 | 40 | 44 | 200 Var. |
| 5300 | 2250 | 10K | 90 | 4000 | 990 Var. |
| | 6750 | 15K | 100 | 8000 | 5000 Var. |
| 24 Watt OHMAGE | 30 Watt OHMAGE | 18833 | 150 | 80 Watt OHMAGE | 150-160 Watt OHMAGE |
| 35¢ | 45¢ | 20K | 200 | 75¢ | \$1.00 |
| 3350 | 50 | 25K | 400 | 900 | 10 |
| 100K | 250 | 30K | 1250 | 2650 | 25 |
| 25 Watt OHMAGE | 500 | 40K | 2000 | 30K | 1500 |
| 40¢ | 750 | 60K | 2500 | 100K | |
| 13.5 | 1000 | 75K | 3000 | 200K | 200 Watt OHMAGE |
| 75 Var. | 1500 | 100K | 5000 | 85 Watt OHMAGE | \$1.00 |
| 500 | 1900 | | 6000 | 80¢ | 15 |
| 1100 | 2000 | 34 Watt OHMAGE | 7500 | 25 | 30 |
| 5000 | 2500 | 45¢ | 15K | 100 | 30 Var. |
| 20K | 3000 | 2000 | 18833 | 125 | |
| | 4000 | 5000 | 30K | 500 | |
| | 4000 Var. | 6000 | 40K | 750 | |
| | 5000 | 10 Meg | 75K | 1000 | |
| | 6000 | | 100K | 4000 | |
| | 8000 | | 200K | 5000 | |
| | 8250 | | | 7500 | |
| | | | | 13K | |
| | | | | 15K | |
| | | | | 20K | |
| | | | | 75K | |

CENTRALAB



TRIMMERS



| MMFD CAPACITANCE | TYPE | MMFD CAPACITANCE |
|---------------------|--------|---------------------|
| 5-30 | Single | 20-70 |
| 5-50 | | 20-330 |
| 30-65 | Dual | 20-400 |
| 5-50 | | 50-500 |
| 5-90 | Dual | 40-65 |
| 5-90 | Single | 40-70 |
| 10 | Single | 40-75 |
| 10-40 | Single | 50-350 |
| 10-60 | Single | 50-400 |
| 10-40 | | 55-350 |
| 15-30 | Dual | 70-500 |
| 10-80 | Single | 110-560 |
| 10-100 | Single | 100-450 |
| 10-125 | Single | 150-500 |
| | | 150-650 |
| | | 250-700 |
| 12-160 | | 60-250 |
| 20-200 | Dual | 70 |
| 20-200 | Dual | 100-700 |
| 20-250 | Dual | 125-700 |
| 25-125 | Dual | 300-700 |
| 50-250 | Single | 300-800 |

PADDERS

TYPE
Single
Single

Dual
Single
Single
Single
Single
Single
Single
Single

Dual
Single
Single

Single
Single
Single
Single

DISC
ERIE & CENTRALAB
TRIMMERS

| TYPE | PRICE |
|------------------------------|----------|
| 3-13 N300 | 25¢ |
| 4-30 N500 | 25¢ |
| 5-30 NPO | 25¢ |
| 7-45 N650 | 25¢ |
| 5-50-30-65 Dual-650 | 45¢ |
| Trimmer Strips 5 trimmers | Erie |
| Four of 5-50 MMF - One 30-65 | 75¢ each |
| MMF on bracket. | |

AIR TRIMMERS

| TYPE | PRICE |
|-----------------------|-------|
| 2.5 — 6 Dual | 45¢ |
| 4.5 — 18 | 25¢ |
| 10-100 (Special Type) | 25¢ |
| 25 MMf (Screw Type) | 25¢ |
| 25 MMf (2 1/4" Shaft) | 35¢ |
| 75 MMf (Screw Type) | 25¢ |

"JOHNSON"

TYPE "M" MINIATURE AIR VARIABLES:-

| CAT. # | MAX. CAP. | MIN. CAP. | LENGTH | PRICE |
|---------|-----------|-----------|----------|-------|
| 160-110 | 19.6 | 2.7 | 1-11/64" | 39¢ |

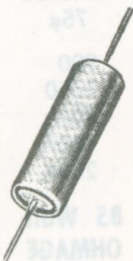
All single padders and Trimmers are 15¢ each, Dual are 22¢ each, those marked with an asterisk are disc. type and are priced at 25¢ each.

TUBULAR CAPACITORS

| 100 W.V.D.C. 6¢ | |
|-----------------|-----|
| MFD | MFD |
| .01 | .05 |
| .02 | .1 |
| .022 | .22 |
| .047 | .47 |



| 200 W.V.D.C. 7¢ | |
|-----------------|-----|
| MFD | MFD |
| .0025 | .12 |
| .005 | .15 |
| .01 | .22 |
| .015 | .25 |
| .018 | .27 |
| .025 | .33 |
| .03 | .47 |
| .047 | .5 |



| 400 W.V.D.C. 8¢ | |
|-----------------|----------|
| MFD | MFD |
| .0022 | .033 |
| .003 | .082 |
| .0033 | .1 metal |
| .0047 | .15 |
| .0082 | .2 |
| .01 | .22 |
| .015 | .25 |
| .02 | .27 |
| .025 | 1 |



| 600 W.V.D.C. 10¢ | |
|------------------|-------|
| MFD | MFD |
| .001 | .008 |
| .0015 | .0082 |
| .002 | .015 |
| .0022 | .02 |
| .0027 | .022 |
| .0033 | .03 |
| .004 | .035 |
| .0047 | .1 |
| .005 | .15 |
| .0056 | .2 |
| .0068 | .25 |
| .007 | |

1 MFD
600 V
18¢



| 1000 W.V.D.C. 12¢ | |
|-------------------|------|
| MFD | MFD |
| .0047 | .01 |
| .006 | .022 |
| .008 | .027 |

| 1600 W.V.D.C. 15¢ | |
|-------------------|------|
| MFD | MFD |
| .0035 | .006 |
| .004 | .01 |
| .005 | .022 |



DRY ELECTROLYTIC CAPACITORS

TUBULAR CAPACITORS

EVERY CONDENSER
100% GUARANTEED

"TWIST-PRONG" DRY ELECTROLYTICS



| Mfd | Working Volts | Price |
|--------------|----------------|-------|
| 10/30 | 350/350 | 40¢ |
| 10/150 | 350/50 | 50¢ |
| 10/10/40/10 | 400/400/200/50 | 70¢ |
| 10/40/10/10 | 400/200/200/50 | 65¢ |
| 10/80/10/10 | 500/350/350/50 | 70¢ |
| 15/15 | 300/300 | 45¢ |
| 15/15 | 450/450 | 50¢ |
| 15/15/15 | 450/450/450 | 55¢ |
| 16/16 | 400/400 | 50¢ |
| 20/20 | 450/450 | 55¢ |
| 20/80/80 | 350/250/250 | 50¢ |
| 20/80/10/10 | 500/350/350/50 | 60¢ |
| 25 | 300 | 45¢ |
| 25/25 | 50/50 | 40¢ |
| 25/100 | 450/50 | 50¢ |
| 40/20/20 | 300/250/25 | 55¢ |
| 40/40 | 250/250 | 65¢ |
| 40/90/50 | 450/150/150 | 65¢ |
| 50 | 25 | 25¢ |
| 50 | 250 | 35¢ |
| 50/50 | 350/400 | 50¢ |
| 70 | 350 | 50¢ |
| 80 | 350 | 50¢ |
| 80/20/10/100 | 400/400/400/50 | 50¢ |
| 100/100/100 | 35/35/35 | 50¢ |
| 125/125 | 150/170 | 75¢ |
| 500 | 15 | 65¢ |
| 500 | 30 | 75¢ |
| 2000 | 16 | 80¢ |

MOLDED TUBULAR CAPACITORS



| Mfd | Working Volts | Price |
|-------|---------------|-------|
| .001 | 600 D.C. | 12¢ |
| .0015 | 600 " | 12¢ |
| .0022 | 200 " | 9¢ |
| .0033 | 400 " | 11¢ |
| .0033 | 600 " | 12¢ |
| .0039 | 600 " | 12¢ |
| .0047 | 400 " | 11¢ |
| .01 | 200 " | 10¢ |
| .01 | 400 " | 11¢ |
| .01 | 600 " | 12¢ |
| .022 | 200 " | 12¢ |
| .022 | 600 " | 14¢ |
| .033 | 200 " | 12¢ |
| .047 | 600 " | 14¢ |
| .082 | 200 " | 12¢ |
| .082 | 400 " | 14¢ |
| .1 | 600 " | 18¢ |
| .15 | 200 " | 14¢ |
| .47 | 200 " | 16¢ |

CAPACITORS

FP CAPACITORS

| Mfd | Working Volts | Price |
|--------------|----------------|-------|
| 10/5/150 | 350/350/50 | 60¢ |
| 15/10/20 | 350/350/25 | 38¢ |
| 15/25/10/100 | 450/350/350/50 | 50¢ |
| 20/60/160/40 | 300/150/25/25 | 55¢ |
| 20/80/20/50 | 450/200/200/50 | 60¢ |
| 40 | 25 | 25¢ |
| 40/40 | 450/450 | 75¢ |
| 60/10/40 | 400/400/50 | 60¢ |
| 80 | 150 | 50¢ |
| 80 | 400 | 75¢ |
| 80/20 | 400/400 | 75¢ |
| 80/20/30 | 300/300 | 75¢ |
| 80/80 | 250 | 65¢ |
| 150 | 200 | 70¢ |
| 250 | 150 | 75¢ |

ELECTROLYTICS



| Mfd | Working Volts | Price |
|-----------|---------------|-------|
| 2 | 400 | 22¢ |
| 5 | 100 | 25¢ |
| 8 | 450 | 50¢ |
| 10 | 350 | 50¢ |
| 10/10 | 90 | 22¢ |
| 12 | 50 | 20¢ |
| 25 | 25 | 22¢ |
| 30 | 350 | 50¢ |
| 30/100 | 100/10 | 55¢ |
| 40/40 | 150/150 | 69¢ |
| 50 | 250 | 65¢ |
| 80/40 | 150/150 | 69¢ |
| 80/50 | 150/150 | 69¢ |
| 500 metal | 30 | 65¢ |

FEED-THRU CAPACITOR

Type FT feed-thru for ultra high frequency applications.
1000 MMF at 500 V.D.C.W.
20% 10¢ each



CORNELL-DUBILIER METAL CASED TUBULAR
Famous hermetically sealed DEMICON type
feed-thru condenser. Catalogue #TWC4S1,
01 Mfd at 400 V.D.C.W. 80¢ each

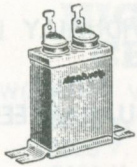
CORNELL-DUBILIER METALIZED CONDENSER
Small size, high quality hermetically sealed SEAL
UP type A. .01 mfd at 400 VDC. 15¢ each.

CALL ON "UNIVERSAL" FOR YOUR REPLACEMENT NEEDS

THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691



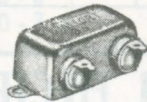
CAPACITORS

OIL FILLED AND IMPREGNATED



OIL-FILLED

| CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE |
|----------|---------------|---------------|--------|
| .02 | 10,000 D.C. | | \$1.75 |
| .1 | 6,000 D.C. | Fast | 60¢ |
| .5 | 600 D.C. | | 75¢ |
| 2 x .5 | 600 D.C. | Aerovox | 50¢ |
| 1 | 500 D.C. | G.E. Pyranol | 50¢ |
| 1 | 600 D.C. | Aerovox | 50¢ |
| 1 | 1000 | Aerovox | \$1.00 |
| 1 | 5000 D.C. | C - D | \$6.00 |
| 2 | 600 D.C. | C - D | 65¢ |
| 2 | 600 D.C. | Aerovox | 65¢ |
| 2 x 4 | 500 D.C. | Jan | \$1.25 |
| 4 | 600 D.C. | Aerovox | \$1.50 |
| 4 | 600 D.C. | Sprague | \$1.50 |
| 4 | 5000 D.C. | Solar | \$9.00 |
| 8 | 600 D.C. | Aerovox | \$2.25 |
| 8 | 1000 | Aerovox | \$2.50 |
| 10 | 600 D.C. | Fast | \$2.50 |
| 10 | 600 D.C. | G. E. Pyranol | \$2.50 |
| 10 | 600 D.C. | Aerovox | \$2.50 |



OIL-FILLED

| CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE |
|----------|-------------------|--------------|--------|
| .67 | 1200 AC (3600 DC) | GE Pyranol | \$1.00 |
| .74 | 750 AC (2200 DC) | GE Pyranol | 90¢ |
| 2 | 660 AC (2000 DC) | GE Pyranol | \$1.25 |
| 2.6 | 440 AC (1250 DC) | Cornell D. | 90¢ |
| 3.5 | 330 AC (990 DC) | Cornell D. | \$1.00 |
| 4 | 660 AC (2000 DC) | Cornell D. | \$2.25 |
| 4.6 | 220 AC (660 DC) | Aerovox | 90¢ |
| 5 | 330 AC (990 DC) | GE Pyranol | \$2.00 |
| 12 | 230 AC (690 DC) | GE Pyranol | \$1.25 |

"BATHTUB" CONDENSERS

| CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE |
|----------|---------------|--------------|-------|
| .1 | 600 DC | Jan | 40¢ |
| 2 x .1 | 200 DC | Aerovox | 25¢ |
| 3 x .1 | 400 DC | Aerovox | 30¢ |
| .25 | 400 DC | Aerovox | 35¢ |
| .25 | 600 DC | Aerovox | 60¢ |
| .25 | 1000 DC | Aerovox | 60¢ |
| 2 x .25 | 400 DC | Solar | 30¢ |
| 2 x .5 | 600 DC | Aerovox | 40¢ |
| .5 | 200 DC | Fast | 25¢ |
| .5 | 600 DC | Aerovox | 40¢ |
| 2 x .5 | 600 | Aerovox | 40¢ |
| 1 | 65 AC | RCA | 25¢ |
| 1 | 600 DC | Cornell Dub. | 35¢ |
| 2 | 400 DC | Aerovox | 40¢ |
| 2 | 600 DC | Aerovox | 60¢ |
| 5 | 50 DC | Sprague | 25¢ |

OIL-IMPREGNATED

| CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE |
|----------|---------------|--------------|-------|
| .03 | 3,000 D.C. | Solar | 50¢ |
| 3 x .3 | 250 D.C. | Jan | 75¢ |
| .5 | 200 D.C. | Jan | 25¢ |
| 1 | 200 D.C. | Aerovox | 20¢ |

MICA TRANSMITTING CAPACITORS



| CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE | CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE |
|----------|---------------|-----------------------|-------|----------|---------------|--------------|-------|
| .01 | 600 | Cornell Dubilier | 25¢ | .005 | 600 | Sangamo | 25¢ |
| .01 | 1200 | Faradon | 35¢ | .0001 | 2500 | | 50¢ |
| .015 | 600 | Aerovox | 25¢ | .00015 | 600 | Sangamo | 25¢ |
| .02 | 1250 | Aerovox | 35¢ | .00015 | 2500 | Sangamo | 50¢ |
| .001 | 600 | Various Manufacturers | 25¢ | .0002 | 600 | Aerovox | 25¢ |
| .001 | 2500 | Sprague | 50¢ | .00022 | 2500 | Solar | 50¢ |
| .0022 | 1200 | Solar | 35¢ | .00027 | 2500 | Sangamo | 50¢ |
| .004 | 600 | Aerovox | 25¢ | .0005 | 600 | Aerovox | 25¢ |
| .004 | 1100 | Sprague | 35¢ | .000047 | 2500 | Solar | 50¢ |
| .004 | 1250 | Cornell Dubilier | 35¢ | .00005 | 1200 | Sangamo | 35¢ |
| .004 | 1200 | Aerovox | 35¢ | .00005 | 2500 | Sangamo | 50¢ |
| .0047 | 1200 | Sangamo | 35¢ | .000068 | 2500 | Sangamo | 50¢ |



LARGE TRANSMITTING MICAS



| CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE | CAPACIT. | WORKING VOLTS | MANUFACTURER | PRICE |
|----------|---------------|--------------|-------|----------|---------------|--------------|-------|
| .0015 | 3000 | Sangamo | 65¢ | .0003 | 5000 | Faradon | 75¢ |
| .0047 | 2000 | Sangamo | 65¢ | .00005 | 5000 | Solar | 75¢ |
| .000225 | 3000 | Solar | 65¢ | .0000625 | 5000 | Solar | 75¢ |

Specials!

LEADING CANADIAN BRAND TUBES

A rare opportunity. We have purchased a large quantity of the finest new tubes. All these tubes have been subjected to a strict JAN inspection. All tubes are of Canadian Manufacture.

| TUBE TYPE | LIST | YOUR COST |
|-----------|--------|-----------|
| 6AG5 | \$2.20 | 91¢ |
| 6AH6 | \$4.20 | \$1.81 |
| 6AK6 | \$2.75 | \$1.14 |
| 6BH6 | \$2.40 | \$1.02 |
| 6BJ6 | \$2.30 | 97¢ |
| 6C4 | \$1.60 | 68¢ |
| 12AT7 | \$2.80 | \$1.18 |

ALL TUBES
INDIVIDUALLY BOXED
FULLY
GUARANTEED

Additional 5% discount on lots of 25 or more.

Special Purpose Tubes

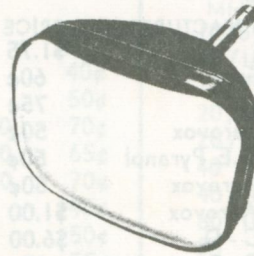
Special purpose tubes for transmitting, radar, laboratory and industrial applications. All these tubes are new, individually boxed and carry our full guarantee.

| TUBE TYPE | PRICE | TUBE TYPE | PRICE |
|-----------|--------|-----------|--------|
| 1A5GT | 90¢ | VR-150 | \$1.00 |
| 1B24 | \$3.75 | 723/AB | \$8.00 |
| 3B7 | \$1.00 | 725/A | \$2.95 |
| CV 125 | \$8.00 | 807 | \$1.75 |
| CV 1092 | 35¢ | 8013 | \$2.25 |

SPECIAL PURPOSE DIODE — Individually boxed special purpose diode. #1N23A at 29¢ each.

OUR GUARANTEE is unconditional for all tubes with the exception of those blown out or shattered by misapplication, and is in force for a period of 90 days after date of purchase.

TV PICTURE TUBES



New Picture Tubes. T.V. Manufacturer's surplus.

| TUBE | PRICE |
|--------|---------|
| 20HP4A | \$18.00 |

"THESE ARE NOT REBUILTS
ALL PICTURE TUBES ARE
GUARANTEED



CATHODE RAY TUBES

Suitable for a variety of applications, ham, industrial and scientific.

| | |
|------------|-------------|
| Type 5FP7 | \$2.50 each |
| Type 5BP1 | \$7.50 each |
| Type 12HP7 | \$9.00 each |

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Mica Capacitors

— AEROVOX SOLAR SANGAMO ELEMENCO — STANDARD MICAS 6¢ EA.

| CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD | CAPACITANCE MFD |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| .1 | .002 | .004 | .00025 | .00045 | .00062 | .000015 | .000045 | .000068 |
| .2 | .0022 | .0047 | .00027 | .00047 | .00068 | .000024 | .000047 | .000075 |
| .01 | .0029 | .0001 | .000275 | .0005 | .00075 | .000027 | .00005 | .000003.3 |
| .001 | .003 | .00012 | .00033 | .00051 | .00082 | .00003 | .000051 | .000005.6 |
| .0017 | .0033 | .00015 | .00039 | .00056 | .00001 | .000033 | .00006 | .000006.5 |
| .0018 | .00375 | .00018 | .0004 | .0006 | .000013 | .000035 | .000065 | .000007 |

SILVERED MICAS CAPACITORS — 10¢ EA.

| | | | | | | | |
|-------|--------|--------|---------|--------|---------|---------|---------|
| .001 | .0082 | .00010 | .000255 | .00047 | .00001 | .00003 | .00005 |
| .0027 | .0001 | .00018 | .00027 | .00056 | .000012 | .000035 | .000051 |
| .003 | .00011 | .0002 | .00033 | .00062 | .000015 | .00004 | .000056 |
| .0033 | .00012 | .00022 | .00039 | .00068 | .000022 | .000043 | .000082 |
| .0047 | .00015 | .00024 | .00043 | .00075 | .000027 | .000047 | .000005 |

TUBULAR CERAMICONS — .08 EA.

| | | | | | | | | |
|-----|----|----|----|-----|-----|-----|-----|------|
| .68 | 12 | 33 | 50 | 100 | 180 | 234 | 330 | 560 |
| .79 | 15 | 39 | 65 | 120 | 200 | 245 | 390 | 680 |
| 4.7 | 18 | 40 | 68 | 146 | 212 | 249 | 400 | 750 |
| 5 | 22 | 43 | 75 | 150 | 220 | 250 | 410 | 1500 |
| 10 | 30 | 47 | 91 | 162 | 230 | 270 | 470 | 4000 |

DISC CERAMICONS — 11¢ EA.

| | | | | |
|-----------------|------------------|------------------|-----------------------|--------------------|
| 47 MMf — 3000 V | 100 MMf — 2000 V | 330 MMf — 1000 V | 2 x 1500 MMf — 1000 V | 5000 MMf — 2000 V |
| 56 MMf — 2000 V | 220 MMf — 3000 V | 470 MMf — 1000 V | 3600 MMf — 2000 V | 10000 MMf — 2000 V |

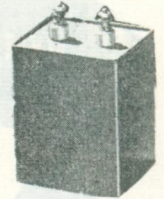
TRANSMITTING CAPACITORS HIGH-POWER MICA CERAMIC-CASED

| MFD. | WORKING VOLTS | MANUFACTURER | PRICE |
|--------|---------------|---------------|---------|
| .001 | 6000 V. | Cor. Dubilier | \$ 9.00 |
| .0024 | 6000 V. | Sprague | \$ 9.00 |
| .0039 | 8000 V. | Sprague | \$10.00 |
| .0062 | 4000 V. | Sprague | \$10.00 |
| .01 | 10000 V. | Sprague | \$12.00 |
| .00036 | 10000 V. | Sprague | \$12.00 |
| .0001 | 20000 V. | Aerovox | \$15.00 |
| .002 | 10000 V. | C & D | \$15.00 |



Kindly write in for other values.

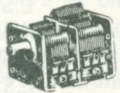
HIGH VOLTAGE



OIL FILLED CAPACITORS

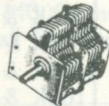
| | |
|--|-------------|
| SOLAR: 4 Mfd. at 4000 Volts..... | \$9.00 ea. |
| .02 Mfd. at 10,000 Volts..... | \$ 6.00 ea. |
| POWER FACTOR CONDENSER FAST OR SOLAR: 240 Mfd. at 230 V.A.C./600 V.D.C. | |
| Our # Type 30719..... | \$20.00 ea. |
| CORNELL DUBILIER: Paper Capacitor Type TK-1503 | |
| 3 Mfd. at 15,000 V.D.C..... | \$35.00 ea. |
| CORNELL DUBILIER: Paper Capacitor Type TK-1200J | |
| .5 Mfd. at 12,500 Volts..... | \$20.00 ea. |

TUNING CONDENSERS



TWO GANG

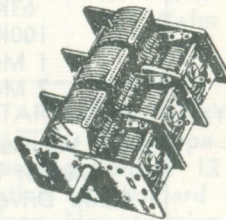
VARIABLE CONDENSERS — 39¢ EACH



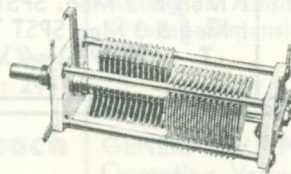
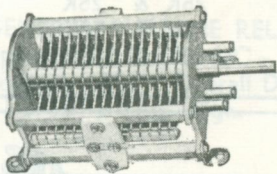
| CAPACITANCE IN MMF | OUR NO. | CAPACITANCE IN MMF | OUR NO. |
|-----------------------|---------|-----------------------|---------|
| 125 - 425 | 0 - 1 | 200 - 420 | 0 - 4 |
| 140 - 430 | 0 - 15 | 250 - 400 | 0 - 11 |
| 150 - 330 | 0 - 53 | 350 - 350 | 0 - 27 |
| 150 - 450 | 0 - 2 | 420 - 420 | 0 - 6 |
| 160 - 350 | 0 - 27 | 450 - 450 | 0 - 20 |
| 185 - 400 | 0 - 18 | 540 - 540 | 0 - 8 |
| 200 - 400 | 0 - 3 | 550 - 550 | 0 - 7 |

THREE GANG VARIABLE CONDENSERS — 49¢ EACH

| CAPACITANCE IN MMF | OUR NO. |
|--------------------|---------|
| 85 - 175 - 400 | 0 - 33 |
| 90 - 200 - 300 | 0 - 26 |
| 100 - 250 - 375 | 0 - 21 |
| 135 - 280 - 450 | 0 - 21w |
| 140 - 250 - 350 | 0 - 36 |
| 400 - 400 - 400 | 0 - 34 |
| 450 - 450 - 450 | 0 - 22 |



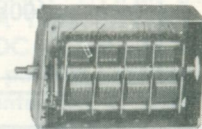
TRANSMITTING CAPACITORS



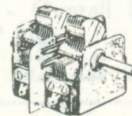
| TYPE | MMF | LENGTH | PRICE |
|--------------------|--------|---------|--------|
| H Dual Section | 51 | 2-3/32" | \$2.00 |
| Single Section | 160 | 6" | 75¢ |
| MC-110776 | 25-700 | 4 3/4" | \$1.00 |
| MC-110874-1 | 30-550 | 4 3/4" | \$1.00 |
| Cardwell 2 Section | 1000 | 13 1/2" | \$3.00 |
| Cardwell 3 Section | 4000 | 12" | \$3.00 |

FOUR GANG VARIABLE CONDENSERS — \$1.50 EACH

| CAPACITANCE IN MMF | OUR NUMBER |
|-----------------------|------------|
| 170 - 170 - 350 - 350 | 0 - 37 |
| 530 - 530 - 530 - 530 | 0 - 38 |



TWO GANG VARIABLE



R F. Section 365 Mmf., Oscillator Section designed to work with 12SA7, 6SA7, ball bearings with ball end thrust adjustment. Factory mounted pulley 2-3/4" in diameter. Tapped mounting holes. Dimensions 2-1/2" x 2" x 1-1/2".

59¢

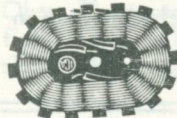
THREE GANG VARIABLE



Each section 365 Mmf. Neat, sturdy construction. Ball bearing ends. Factory mounted pulley, 2-1/4". Tapped mounting holes. Dimensions 4-1/2" x 2" x 1-1/2".

50¢

REPLACEMENT ANTENNA LOOP



Loop Antenna eliminates the need for an outdoor aerial. Insures satisfactory reception in all localities. Overall Dimensions 9 1/4" x 6 1/8". Mounted on square cardboard. Our No. 505-668

20¢ ea.

Other values can be supplied on demand.

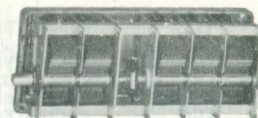
6 and 12 V. VIBRATORS

6 VOLT — 5 PRONG Mallory Type 672C for use on 6 Volt Battery.....\$1.00 ea.
12 VOLT — 4 PRONG Mallory Type G650 for use on 12 Volt battery.....\$1.25 ea.
12 VOLT — 7 PRONG Oak Type V6415 for use with 12 Volt battery.....\$1.00 ea.



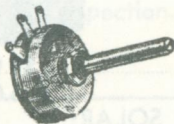
SPECIAL

Single Gang Variable Condenser. 285 Mmf. Shaft diameter 3/8" Overall dimensions 1-7/8" x 3-1/8" x 2-1/4" high Mounting brackets. Special 60¢ each.

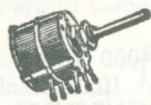


Five Gang Variable Condenser. 525 Mmf per gang, two sections, one of three gangs, one of two gangs. Coupled shaft. Overall length 7-7/8". Shaft 3/8" diameter. Special \$1.25 each.

VOLUME CONTROLS



Single Volume Controls
Short Shaft
Carbon
25¢
OHMAGE
1000
3000
3500
4000
4500
5000
10K
15K T.
20K
25K
50K
100K
150K
300K
500K
2 Meg
3 Meg
5 Meg
10 Meg
20 Meg



Single Volume Controls
Long Shaft
Carbon
35¢
OHMAGE
1000
2000
10K
15K
25K
50K
63K
100K
1 Meg
2 Meg

Single Volume Controls
Midget Type
Screw Driver Shaft
20¢
OHMAGE
5000
20K
100K

Single Volume Controls
Short Shaft
Wire Wound
25¢
OHMAGE

6
30
75
1500
3000
4500
5000
6000
10K
15K

Single Volume Controls
Long Shaft
Wire Wound
40¢
OHMAGE
10
25
750

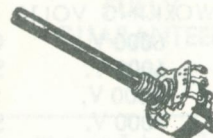
Single Volume Controls
Short Shaft
Wire Wound
4 Watt — 40¢
OHMAGE
2000
10K
15K
20K

VOLUME CONTROLS



Dual Volume Controls
Long Shaft 35¢
OHMAGE
11K & 15K
20K & 100K
25K & 100K
6K & 700K Dual Knob
7.5K & 100K " "
75K & 1 Meg " "
100K & 100K " "
100K & 200K " "
500K & 500K " "

Dual Volume Controls
with switch 59¢
Dual Knobs
OHMAGE SHAFT
25K & 3 Meg SPST M.S.
300K & 800K DPST S.S.
500K & 2 Meg SPST T M.S.
1 Meg & 50K SPST L.S.
1 Meg & 50K DPST L.S.
1 Meg & 2 Meg. SPST L.S.
1 Meg & 3 Meg SPST T M.S.
T — TAPPED — WT



Single Volume Controls
Carbon with switch 59¢
OHMAGE SHAFT
5000 SPST L.S.
10K SPST L.S.
25K SPST L.S.
50K SPST S.S.
50 DPST L.S.
100K SPST M.S.
150K SPST L.S.
500K SPST L.S.
1 Meg DPST L.S.
1 Meg SPST L.S.
1.5 Meg SPST S.S.
2 Meg SPST S.S.
3 Meg SPST L.S.
5 Meg SPST L.S.

Dual Volume Controls
Short Shaft 29¢
OHMAGE
10K & 500K
25K & 25K
50K & 50K
500K & 500K

RHEOSTATS



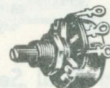
OHMITE RHEOSTATS
All-Porcelain — Vitreous-Enameled
OHMITE, I.R.C., Etc.
Wire Wound



25 WATT

| Ohmage | Amps | Watts | Manufacture | Price |
|---------|------|-------|-------------|--------|
| 25 | 1.25 | 25 | OHMITE | 65¢ |
| 25 Dual | — | 25 | I.R.C. | 75¢ |
| 50 | — | 25 | I.R.C. | 75¢ |
| 270 | — | 25 | — | 75¢ |
| 8.5 | 2.43 | 50 | OHMITE | \$1.25 |
| 350 | .66 | 150 | OHMITE | \$3.25 |
| 750 | .26 | 100 | OHMITE | \$2.75 |
| 25 | 2.00 | 100 | OHMITE | \$2.75 |
| 3000 | .34 | 150 | OHMITE | \$3.25 |
| 4500 | .18 | 150 | OHMITE | \$3.25 |

MIDGET VOLUME CONTROL



MINIATURIZED COMPOSITION ELEMENT CONTROLS
This is a composition element control rated at 0.2 Watts.
OHMAGE - 250K Ohms. Physical dimensions are as follows.
Diameter 5/8". 1/8" Shaft, round screw driver slot. Length of shaft 1/2". Low Loss phenolic housing. Mechanical and electrical rotation of 360°.

Your cost 20¢ each

VARIAC

GENERAL RADIO
200-B VARIAC

One Ampere Model Variac. Supplied with knob. three screw panel mounting type. Voltage rating 115 Volts - 50-60 Cycles. For AC use. This is a small, sturdily built unit, designed for low-power equipment.



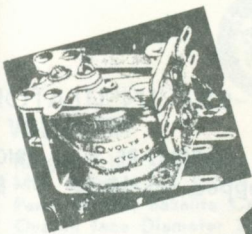
Price \$8.50 each

" SOONER OR LATER EVERYONE COMES TO UNIVERSAL ELECTRIC."

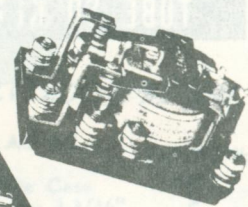
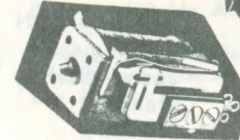
THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691



RELAYS



MICROSWITCH ACTUATING RELAY
Operates on 6 volts DC — Coil 9 Ohms.
Manufactured by Price Bros. Inc. Type 175
Overall Dimensions: 2" x 1³/₈" x 1-5/16".
50¢ each

HEAVY DUTY KEYING TYPE RELAY
Operates on 6 volts DC.
Assembly mounted on heavy insulated base
Leach Relay Co. Type # 202.
Overall Dimensions: 5" x 4" x 2" high.
\$3.00 each

AUTO RELAY
Operates on 6 volts DC — Coil 25 Ohms.
Used as starting relay, conf. vibration.
Manufactured by RBM (USA)
Overall Dimensions: 2" between mounting
centres.
75¢ each

GENERAL PURPOSE RELAY
Operating voltage 6 DC - Coil 160 Ohms.
Contacts SPST - Overall Dimensions: 2 1/2"
x 1-3/16" x 1-3/8" high.
90¢ each

GENERAL PURPOSE RELAY
Operating voltage 12 DC - Coil 75 Ohms.
Contacts SPST (Breaking).
Overall Dimensions: 1" x 5/8" x 1" high.
75¢ each

GENERAL PURPOSE RELAY
Operating voltage 12 DC - Coil 77 Ohms.
Contacts 1 break, 1 make. Overall dimen-
sions: 1 1/2" x 3/4" x 1 3/8" high.
\$1.00 each

GENERAL PURPOSE RELAY
Operating voltage 12 DC - Coil 46 Ohms.
Contacts DPST. Manufactured by Allied
Control. Overall Dimensions: 1 1/2" x 1" x
1 1/2" high.
\$1.00 each

PHILIPS ELECTRICAL RELAY
Type 115092-1 - Operating voltage 12 DC
Coil 140 Ohms. Contacts 4 PDT. Overall
Dimensions: 1 1/2" x 1 1/4" x 1 3/8" high.
\$1.75 each

GENERAL PURPOSE RELAY
Type 16938 - Operating voltage 12 DC.
Coil 140 Ohms. Contacts SPST.
Overall Dimensions: 2" x 3/4" x 1 1/2" high.
\$1.50 each

GENERAL PURPOSE RELAY
Type 16939 - Operating voltage 12 DC.
Coil 140 Ohms. Contacts DPST.
Overall Dimensions: 2" x 1" x 2" high.
\$1.50 each

STRUTHERS DUNN RELAY 17AXX108
Operating voltage 12 DC - Coil 22 Ohms.
Contacts SPST, 24 VDC - 25 Amps.
Overall Dimensions: 2 3/4" x 1 7/8" x 1 3/4"
high. Mounted on bakelite base.
\$1.95 each

GENERAL PURPOSE RELAY
Type CR2791G100 - K4 Relay - Operating
voltage 24 DC - Coil 200 Ohms - Current
Rating 10 Amps - Contacts 4-P:S.T.
Overall Dimensions: 2 1/2" x 1 1/2" x 1 3/4"
high.
\$1.25 each

GENERAL PURPOSE RELAY
Operating Voltage 18-24 DC - Coil 250
Ohms Contacts 2-P.S.T. - Potter & Brum-
field. Type MT-1157-1 - Overall Dimen-
sions: 1 3/8" x 3/4" x 1 1/4" high.
\$2.25 each

GENERAL PURPOSE RELAY
Operating Voltage 18-24 DC - Coil 275
Ohms. Contacts 2-D.P.S.T. - Potter & Brum-
field. Type MT-1156-2 - Overall Dimen-
sions: 1 3/8" x 3/4" x 1 1/4" high.
\$2.25 each

TELEPHONE TYPE RELAY
Automatic Electric Type K-101 - Operating
Voltage 12 DC Min. - Coil 5000 Ohms.
Contacts S.P.D.T. - Overall Dimensions 4"
x 1 1/2" x 1 7/8" high.
\$2.75 each

TELEPHONE TYPE RELAY
Vibrating Reed Type 127-651 - Operating
Voltage 24 DC Min. - Coil 500 Ohms.
Adjustable Time Delay between 1 to 15
secs. Overall Dimensions 4" x 1 1/4" x 2"
high.
\$2.75 each

GENERAL PURPOSE RELAY
C.P. Clare Type A 37556 - Operating
Voltage 60 DC - Coil 3600 Ohms.
Contacts 6 Pole 2 Position - Overall
Dimensions 2" x 1 1/8" x 1 5/8" high.
\$2.75 each

ROTARY TYPE SWITCHING RELAY
R.C.A. Type 115024-1 - Operating Voltage
14 DC. - Action: Momentary, Spring back.
Contacts Shorting
1st Wafer 3 Breaks, 3 Makes
2nd Wafer 3 Breaks, 3 Makes
\$2.50 each

**ROTARY TYPE RELAY WITH WAFER
SHAFT — RCA Type 107711-6**
Operating voltage 12 DC - Continuous
rotation on standard switch wafer shaft
5" long. Non reversing.
\$2.75 each

ROTARY WAFER SWITCHING RELAY
RCA Type 107711-1 - Operating voltage
12 DC - Contacts: 4 wafers with one pole
12 position action on each wafer, all
mounted on 5" shaft. Shaft has room for
approximately five more wafers. On/Off
switch mounted on end.
\$3.75 each

STRUTHERS DUNN RELAY Type 51 AXB
Dual action relay assembly with two coils
operating as follows: 32VDC coil releases
contacts 1 break, 2 makes: 115 VAC coil
returns contacts to normal, 1 make, 2
breaks.
\$3.75 each

SQUARE D HEAVY DUTY RELAY
A.C. Timing Relay, Class 9050, Type R09E
Operating voltage 230 AC - 60 cycles.
Delays occurs after energization, with
knurled slow/fast action adjusting knob.
Overall dimensions, 7" x 3 3/4" x 4" high.
\$12.50 each

**GENERAL ELECTRIC INSTANTANEOUS
OVERCURRENT RELAY TYPE PAC**
Model 12 PAC 11 B 19.
Overall Dimensions 1 1/4" x 3 1/2" x 4" high.
\$15.00 each

TUBE SOCKETS

WAFER SOCKETS:-



| # OF PINS | DESCRIPTION | PRICE |
|-----------|-------------------------|-------|
| 2 | Rectangular | 3¢ |
| 3 | Square Battery Type | 3¢ |
| 4 | Standard | 5¢ |
| 5 | Standard | 5¢ |
| 5 | Octal | 5¢ |
| 5 | Round | 5¢ |
| 6 | Standard | 5¢ |
| 6 | Octal | 5¢ |
| 6 | Round | 5¢ |
| 7 | Square | 5¢ |
| 8 | Octal 1 1/2" between MH | 5¢ |
| 8 | Octal 1-7/8" between MH | 5¢ |

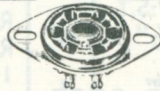
MH — Mounting Holes

MOLDED BAKELITE SOCKETS:-



| # OF PINS | DESCRIPTION | PRICE |
|-----------|---------------------------------|-------|
| 5 | Standard | 8¢ |
| 6 | Type S for 12BQ6, 6BQ6 tubes | 6¢ |
| 6 | Type S for 5Y3, 5W4, 5V4, 5Z4's | 6¢ |
| 6 | Type S for 6SF5, 35Z5, 1B3's | 6¢ |
| 7 | Type S for 6L6, 6F6 tubes | 6¢ |
| 8 | Standard Octal | 8¢ |
| 8 | Loktal | 8¢ |
| 9 | Standard | 8¢ |

PORCELAIN SOCKETS:-



| # OF PINS | DESCRIPTION | PRICE |
|-----------|--------------------------|-------|
| 6 | Type S for 35Z5, 1B3 | 15¢ |
| 7 | Standard | 15¢ |
| 7 | Amphenol Steatite #RSS7L | 15¢ |
| 8 | Standard Octal | 15¢ |

JOHNSON TRANSMITTING SOCKETS:-

Johnson Transmitting Tube Socket. Type 122-247 steatite 7 pin wafer X'mitting socket. Designed to fit such tubes as the 826. 19¢ ea.



Type 122-247 & 237

Johnson Transmitting Tube Socket. Type 122-237 steatite 7 pin wafer X'mitting socket. Designed to fit giant 7 pin base tubes like the 813. 19¢ ea.

MINIATURE TUBE SOCKETS:- (BAKELITE)

| # OF PINS | DESCRIPTION | PRICE |
|-----------|---------------------------------|-------|
| 7 | Wafer type 7/8" between MH's | 9¢ |
| 7 | Wafer type 1" between MH's | 9¢ |
| 7 | Molded, base shield, top mount | 12¢ |
| 7 | Molded, saddle type, bottom mt. | 12¢ |
| 9 | Molded saddle type, bottom mt. | 15¢ |

PRE-FOCUS SOCKET:-

For movie projectors and a variety of other apparatus employing pre-focus type lamps. 25¢ each.

INSULATORS

CYLINDRICAL STEATITE STAND-OFF INSULATORS

| OUR # | HEIGHT | DIAMETER | HARDWARE | PRICE |
|-------|--------|----------|------------------|-------|
| M-1 | 15/16" | 11/16" | Tapped for 10-32 | 8¢ |

CONICAL STEATITE STAND-OFF INSULATORS

| OUR # | HEIGHT | TOP DIA. | BASE DIA. | HARDWARE | PRICE |
|-------|--------|----------|-----------|----------|-------|
| M-6 | 3/4" | 3/8" | 1/2" | 6-32 | 5¢ |

SQUARE STEATITE STAND-OFF INSULATORS:-

| OUR # | HEIGHT | DIAMETER | DUAL HARDWARE | PRICE |
|-------|--------|-----------|---------------|-------|
| M-5 | 1" | 1" Square | Tapped 8-32 | 10¢ |

| OUR # | HEIGHT | BASE DIA. | BASE OPEN | TOP DIA. | TOP OPEN | PRICE |
|-------|--------|-----------|-----------|----------|----------|-------|
| M-10B | 5/8" | 3/4" | 9/16" | 9/16" | 3/8" | 6¢ |
| M-11 | 1" | 1 1/4" | 5/8" | 5/8" | 3/16" | 8¢ |
| M-12 | 1 1/8" | 1 3/4" | 1" | 1" | 1/4" | 12¢ |
| M-14 | 1 3/4" | 2 3/8" | 1-3/16" | 1 1/2" | 5/8" | 15¢ |

RIBBED STEATITE STAND-OFF INSULATORS:-

(With brass inserts)

| OUR # | HEIGHT | INSERT DIA. | HARDWARE | PRICE |
|-------|--------|-------------|----------|-------|
| M-8 | 2 3/4" | 5/8" | 1/4-20 | 30¢ |
| M-30B | 3 1/2" | 1 1/4" | 1/4-20 | 35¢ |

STEATITE FEED-THRU INSULATOR:-

Our # M-18-19, Johnson Part # 10060.
 End diameter: 5/8" Base diameter: 1-1/4"
 Height of top section: 1-3/8" Height of under section: 11/16"
 Height of feed-thru insert: 3/4"



Price 10¢ set.

STEATITE BOWL INSULATOR:-

National Type XS-4 (as per illustration)
 For high voltage lead in purposes. Height 2-3/4"
 Base opening: 3"



XS-4

Price 20¢ each.

STAND-OFF INSULATOR: High Voltage porcelain terminal stand-off insulator. 4-3/8" high, 1-15/16" base diameter. 40/ each



CERAMIC BEAD INSULATORS



CERAMIC BEAD ASSORTMENT

An assortment of 25 high quality ceramic beads used in high voltage insulation, and in transmitting work.....10¢ per asst.



PANEL METERS



VOLTMETER

Range: 0-1.0 Volts D.C.
Mfr: Simpson
Panel Mount, Bakelite Case
Overall face Diameter 3 1/2"
Our Number H-25

Price \$5.00

VOLTMETER

Range: 0-150 Volts D.C.
Mfr: Simpson
Panel Mount, Bakelite Case
Overall Face Diameter 2 1/2"
Our Number H-55

Price \$3.50

VOLTMETER

Range: 0-250 Volts A.C.
Mfr: Sparton
Panel Mount, Bakelite Case
Overall Face Diameter 2 3/4"
Our Number H-55

Price \$4.50

VOLTMETER

Range 0-250 Volts AC/DC
Mfr: Swedish
Panel Mount, Bakelite Case
Overall Face Diameter 3-3/16"
Our Number H-28

Price \$4.50

VOLTMETER

Range: 0-10 KV D.C.
Mfr: Simpson
Panel Mount, Bakelite Case
Overall Face Diameter 3 1/2"
Our Number H-20

Price \$5.00

RELATIVE POWER METER

Range: 0-10 Factors DC
Mfr: Simpson
Panel Mount, Bakelite Case
Overall Face Diameter 3 1/2"
Our Number H-55

Price \$5.50

AMMETER

Range: 0-1 Amps. D.C.
Mfr: Simpson
Panel Mount, Bakelite Case
Overall Face Diameter 3 1/2"
Our Number H-14

Price \$5.50

AMMETER

Range: 0-3 Amps H.F.
Mfr: Simpson
Thermocouple
Clamp Mount, Metal Case
Overall Face Diameter 2 3/4"
Our Number H-22

Price \$2.95

MILLIAMMETER

Range: 0-1 Ma.
Mfr: Sparton
Panel Mount, Bakelite Case
Overall Face Diameter 2 3/4"
Our Number H-31

Price \$4.00

MILLIAMMETER

Range: 0-25 Ma. D.C.
Mfr: Sparton
Panel Mount, Bakelite Case
Overall Face Diameter 2 3/4"
Our Number H-6

Price \$4.00

MILLIAMMETER

Range: 0-50 Ma. D.C.
Mfr: Simpson
Panel Mount, Bakelite Case
Overall Face Diameter 2 3/4"
Our Number H-23

Price \$4.00

MILLIAMMETER

Range: 0-50 Ma. D.C.
Mfr: Simpson
Panel Mount, Bakelite Case
Overall Face Diameter 3 1/2"
Our Number H-26

Price \$5.50

MILLIAMMETER

Range: 0-100 Ma AC/DC
Mfr: Swedish
Panel Mount, Bakelite Case
Overall Face Diameter 3-3/16"
Our Number H-30

Price \$4.95

MILLIAMMETER

Range: 0-100 Ma D.C.
Mfr: Sparton
Overall Face Diameter 2 1/2"
Panel Mount, Metal Case
Our Number H-19

Price \$2.95

MILLIAMMETER

Range: 0-250 Ma
Mfr: Swedish
Panel Mount, Bakelite Case
Overall Face Diameter 3-3/16"
Our Number H-30

Price \$4.95

MILLIAMMETER

Range: 0-300 Ma
Mfr: Bendix
Aluminium case with 15" cord and PL-55 plug
Overall Face Diameter 3"
Our Number H-21

Price \$4.50

MILLIAMMETER

Range: 0-0-1 Ma D.C.
Mfr: Simpson
Overall Face Diameter 3 1/2"
Panel Mount, Bakelite Case
Our Number H-55

Price \$5.50

AMMETER

Range 0-5 Amps. R.F.
Mfr: Simpson
Dims: 4-5/8" x 4-3/16"
Square Panel Mount
Our #PK-1

Price \$7.50

AMPHENOL CONNECTORS

UHF CONNECTOR. Small twin contact, low voltage for RG-22/U and RG-22A/U Cable. Part Number UG-103/U chassis or box type receptacle. Our Number L-45 Price 25¢ ea.



UG-625/U BNC Receptacle. Single contact, low voltage for 50 Ohm RF cables. Our Number L-48 Price 25¢ ea.

UHF, 83 series connectors. Part Number UG-177/U receptacle good for RG-29, 55 or 58/U. Our Number L-35 Price 20¢ ea.



AMPHENOL AN 3057 CABLE CLAMPS

Used to hold insulated or shielded cables securely to connectors or fittings. Relieve stress, twist and strain on solder connections. Part Number AN-3057-10-6 fits shell size #18. Our Number L-54 Price 15¢ ea.



HEINEMANN CIRCUIT BREAKERS

| VOLTAGE | AMP. RATING | PRICE |
|---------|-------------|--------|
| 115 AC | 15 | \$2.00 |
| 220 AC | 35 (2 Pole) | \$2.50 |
| 230 AC | .5 | \$2.50 |
| 230 AC | 2.6 | \$2.50 |

HEINEMANN DC Circuit breaker operating at 24 Volts DC at 35 Amps.

Your Cost \$1.75 each

CUTLER HAMMER CIRCUIT BREAKER

30 Volts at 20 Amps. Single Pole, non trip free, toggle type \$0.45 each.

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691



COIL FORMS



PAPER COIL FORMS:

| LENGTH | DIAMETER | OUR # | TYPE | PRICE |
|--------|----------|-------|-----------|----------|
| 1-5/8" | 3/8" | G-4 | | 10¢ doz. |
| 2" | 3/8" | G-3 | | 10¢ doz. |
| 2" | 3/8" | G-2 | With Lugs | 20¢ doz. |
| 1-1/2" | 5/8" | G-1 | " " | 20¢ doz. |
| 2" | 5/8" | G-5 | " " | 20¢ doz. |

BAKELITE COIL FORMS:

| LENGTH | DIAMETER | OUR # | TYPE | PRICE |
|---------|----------|-------|-----------|----------|
| 1-5/16" | 7/16" | G-6 | | 25¢ doz. |
| 1-5/8" | 1/2" | G-7 | | 25¢ doz. |
| 1-7/8" | 1/2" | G-7 | | 25¢ doz. |
| 1-7/8" | 5/8" | G-8 | | 25¢ doz. |
| 2" | 5/8" | G-9 | | 25¢ doz. |
| 2" | 3/4" | G-10 | | 25¢ doz. |
| 3-1/8" | 3/4" | G-11 | With Lugs | 35¢ doz. |
| 6-3/4" | 2-1/2" | G-12 | | 15¢ each |
| 7-1/2" | 2-1/2" | G-14 | | 15¢ each |

PORCELAIN COIL FORMS:

| LENGTH | DIAMETER | OUR # | TYPE | PRICE |
|---------|----------|-------|---------|---------|
| 1 1/4" | 3/8" | G-27 | Smooth | 50¢ ea. |
| 1-7/8" | 5/8" | G-22 | Smooth | 20¢ ea. |
| 2 1/2" | 3/4" | G-24 | Grooved | 20¢ ea. |
| 3-5/8" | 1" | G-25 | Grooved | 25¢ ea. |
| 2-7/16" | 1 1/2" | G-23 | Grooved | 30¢ ea. |
| 4 1/4" | 1 3/4" | G-27 | Grooved | 45¢ ea. |
| 5-5/8" | 2" | G-26 | Smooth | 50¢ ea. |
| 6 1/2" | 2" | G-26 | Smooth | 55¢ ea. |
| 6" | 4-5/8" | G-28 | Smooth | 75¢ ea. |



RIBBED TYPE COIL FORMS



| LENGTH | DIA. | OUR # | DESCRIPTION | PRICE |
|--------|--------|-------|-------------------------|---------|
| 3" | 1 1/2" | G-18 | 4 Pin Plug-in, Bakelite | 25¢ ea. |

DIAL # R-67

Unbreakable RCA plastic dial. Dial proper dimensions are 1 1/2" long x 4" wide. Standard broadcast band and two short wave bands 120-49m and 41-13m with city names printed below corresponding frequencies. O-40 calibration for micro tuning.

25¢ each

DIAL # R-91-B

Portable radio plastic dial. 7-5/8" long x 1 1/2" wide. Broadcast and two short wave bands 120-49m and 41-13m range.

20¢ each

RADIO DIALS

DIAL # R-88-B

13-5/8" x 4" wide. Broadcast band and 2 short wave bands. Large horizontal numerals for broadcast, smaller numerals for 49m and 25m bands. Phono, Standard, SW-1, and SW-2 switching positions indicated. Circular cutouts for control shafts, one on either side of dial, 9 3/4" centres.

25¢ each

DIAL # R-90-A

12" long x 4 1/2" wide. Broadcast band and one short wave band. Broadcast band, large numerals. Short wave band spreads from 49m to 16m. Dial is straight rectangle with off/tone, volume pm., - bc. - sw., and tuning indicators running along bottom edge of dial to surmount control knobs.

25¢ each

DIAL # R-86

11" long x 4" wide Philips gilt-edges dial. Three bands and 0-100 calibrated volume range. Broadcast band, one short wave band range 5.5-16 Megacycles 50-16m and one short wave band 1.8-5 Magecycles 120-60m with city names printed under Meter frequencies, inter ship communication, and ship to shore communication. Two semi circular cutouts along bottom edge of dial for tone and tuning.

25¢ each

DIAL # R-90-B

10-7/8" long x 4-3/8" rectangular Rogers-Majestic dial. Two short wave bands 49 to 16m and 60 to 120m with equivalent megacycle readings and standard broadcast band.

25¢ each

DIAL # R-91-A

19 1/2" long x 3 1/4" wide Philips gilt-edged dial. Two short wave bands 16-50m and 60-120m and broadcast band with marine communication frequency indicated on middle band. Two semi-circular cutouts at bottom edge of dial for tone volume, range and tuning.

25¢ each

DIAL # R-89

10 7/8" long x 3-3/4" wide rectangular Philips dial. Two short wave bands ranging from 50-16m and 120-60m together with a standard broadcast band. City names are printed in at corresponding frequencies.

25¢ each

DIAL # R-92

Circular metal dial. Diameter 3-5/8". Burnished gold finish, with gold numerals on black background. Numerals cover semi-circle. Brand name 'atom' printed on lower semicircle. Drilled in triangular pattern for mounting screws which are covered by dial knob.

20¢ each



MICROSWITCHES (As illustrated)

S.P.S.T. - Normally Closed.

59¢

CHECK EVERY ITEM!

T.V. INDOOR ANTENNAS

SNYDER

**Directronic
PORTABLE
ANTENNA
3D**

Newest indoor antenna features the famous SNYDER Directronic 6-position beam selector switch. Gives clear picture on every channel — instantly. New criss-cross phasing element gives high variety of circuit arrangements. Aids in impedance matching, ghost elimination and orientation. Two 3-section gold tone brass shafts. Brass plated phasing bar. Snyder 3D

Your Cost \$4.75 ea.



Model 66A

Another addition to the famous SNYDER rabbits ears line of indoor antennas. This antenna brings you all the outstanding features of design and performance of the 3D directronic. Sliding type selector switch allows easy channel change over. Firm orientation on each channel without overlap or ghosting. Full length, easily adjusted three section brass "ears" and phasing element.

Your Cost \$3.85 ea.



THE REGOSPHERE

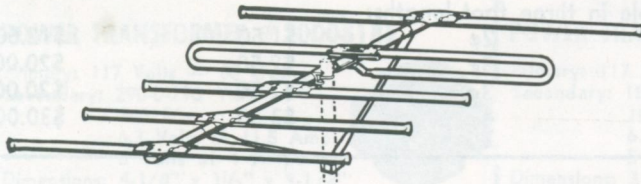
Low priced quality antenna with a heavily weighted base. Highly polished dipoles. Well secured but easily adjusted dipoles. No 'flopping' ears. Aluminum or brass finish. Please specify.

\$1.79 ea.



Snyder

— OUTDOOR — TV ANTENNAS 10 Element Yagi



RY-SERIES

10—ELEMENT ALL-CHANNEL YAGI

Besides highly improved reception on all channels especially in fringe areas this antenna has the following features incorporated into its designs:

3/8" Aluminium Alloy Elements

\$5.75 EA.

Space-Saver Design

Universal U-Clamp fits all masts up to 1 1/2"

Completely Pre-Assembled

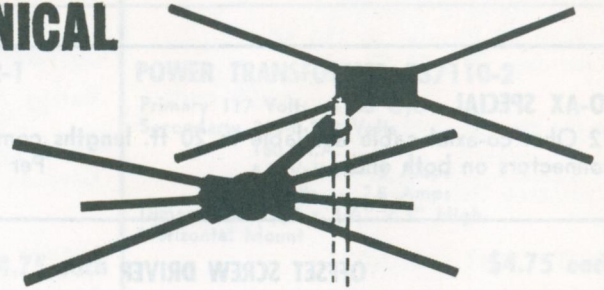
Rugged built to stand up to severe weather conditions.

10 ELEMENT CONICAL

10—HI-TENSIL ELEMENT CONICAL ANTENNA

Model XA-44F is an economical outdoor antenna which excels in general all-channel use and signal getting. Extra sharp directional pattern-high front-to-back ratio reduces noise and interference. Careful matching to standard 300 ohm line for clear single image and maximum signal transfer. Sturdy aluminium construction, corrosion-resistant, equipped with Universal U-Clamp for masts up to 1 1/2", designed for easy Multi-Stacking.

\$4.00 EA.

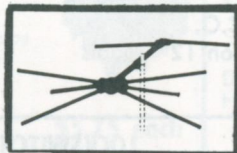


CONICAL T-BAR

8—HI-TENSIL ELEMENT CONICAL ANTENNA

Model AX-512F Consists of eight 3/8" aluminium elements, do wel reinforced and mounted on a molded bakelite insulator. Simple design makes it easy to assemble. Excellent reception, undiminished signal strength on all channels. Features the same Universal U-Clamp which holds the antenna firm on any mast up to 1 1/2" in diameter. Can be stacked for better reception especially in fringe areas.

\$3.30 EA.



STANDARD ANTENNA MAST

This is a standard ten-foot T.V. Antenna Mast. Made of Hi-Grade galvanized steel. Corrosion-resistant finish. Mast Diameter is 1 1/4" with both ends of the mast tapering down to 1-1/8" diameter. It can be assembled into a two or three section antenna from component ten-foot lengths giving the height desired.

\$2.00 per ten ft. length

UNIVERSALS POLICY
THE HIGHEST QUALITY OF MERCHANDISE
AT THE LOWEST PRICES.

Universal Electric Co.

MULTIPLE CONDUCTOR CABLE

- 5 Conductor, stranded tinned copper rubber & cotton covered. Encased in tinned copper braided shield 14¢ ft.
 6 Conductor, cab tire rubber covered, G.R.S., 3/4" diameter. 15¢ ft.
- 10 Conductor power cable cab tire insulation, #10 wire stranded copper rubber covered individual conductors. 20¢ ft.
- 20 Conductor, heavy duty G.R.S. Insulated red and blue point. In 225 ft. coils. Twenty #16 conductors. 25¢ ft.
- 20 Conductor cable. Rubber insulated. Stranded tinned copper with stranded copper centre core, cotton insulated. Outer jacket cab tire. 25¢ ft.
- 21 Conductor cable. Twenty conductors #16, one conductor #18, cab tire rubber jacket. 25¢ ft.

BRAIDED COPPER AERIAL WIRE

- High quality pure electrolytic copper wire properly annealed to assure full flexibility and tensile strength.
- 50 feet on cardboard hank..... 50¢
 100 feet on cardboard hank 90¢


COPPER BRAID

- Copper braid, size 1/16 (16 x 3 x 32)..... 01¢ ft.
 Tinned copper braid (24 x 5 x .005)..... 3¢ ft.
 Braided copper strip, 1" wide..... 22¢ ft.
 Braided copper strip, 1/2" wide..... 18¢ ft.

CO-AX SPECIAL

- 72 Ohm co-axial cable available in 20 ft. lengths complete with connectors on both ends. Per Coil \$1.39

OFFSET SCREW DRIVER

- 
- Specially designed for reaching out-of-the-way screws and for loosening frozen ones.
- forged from fine alloy steel. Length 5 inches. Price 20¢ each

TELEPHONE HANDSET

- 
- Standard telephone handset with both the receiver and the transmitter cartridges. Suitable for intercoms, mobile sets and many other communication applications.
- Handset with capsules..... \$3.95 each

FLEXIBLE VARNISHED TUBING AND SLEEVING

BLACK VARNISHED CAMBRIC

Available in the following sizes:—

| SIZE | 25 ft. | 100 ft. | 1000 ft. |
|-------------------------|--------|---------|----------|
| # 0 | 7¢ | \$6.00 | \$50.00 |
| # 2 | 7¢ | \$6.00 | \$50.00 |
| # 4 | 7¢ | \$6.00 | \$50.00 |
| # 5 | 6¢ | \$5.00 | \$45.00 |
| # 6 | 6¢ | \$5.00 | \$45.00 |
| # 7 | 6¢ | \$5.00 | \$45.00 |
| # 10 | 5¢ | \$4.50 | \$40.00 |
| # 12 | 4¢ | \$3.50 | \$30.00 |
| In three foot lengths:— | | | |
| 2 1/2 mm | 2¢ | \$1.50 | \$10.00 |
| 5 mm | 2¢ | \$1.50 | \$10.00 |
| 6 mm | 3¢ | \$2.50 | \$20.00 |
| 10 mm | 4¢ | \$3.50 | \$30.00 |
| On reels:— | | | |
| 5/16" | 4¢ | \$3.50 | \$30.00 |
| 3/8" | 4¢ | \$3.50 | \$30.00 |
| 7/16" | 5¢ | \$4.50 | \$40.00 |

BLACK SATURATED CAMBRIC

Available in three foot lengths:—

| | | | |
|----------|----|--------|---------|
| 4 1/2 mm | 2¢ | \$1.50 | \$12.50 |
| 6 mm | 3¢ | \$2.50 | \$20.00 |
| 7 mm | 3¢ | \$2.50 | \$20.00 |
| 10 mm | 4¢ | \$3.50 | \$30.00 |

YELLOW VARNISHED CAMBRIC

Available in three foot lengths:—

| | | | |
|---------------|----|--------|---------|
| 9 mm (3/8") | 4¢ | \$3.50 | \$30.00 |
| 11 mm (7/16") | 5¢ | \$4.50 | \$40.00 |
| 13 mm (1/2") | 5¢ | \$4.50 | \$40.00 |
| 15 mm (5/8") | 6¢ | \$5.50 | \$50.00 |
| 25 mm (1") | 7¢ | \$1.50 | \$10.00 |

ASSORTED SPAGHETTI

24 piece assortment. 12" lengths. Various colors and diameters. Shpg. wt., 4 ozs.
 MS-64 25¢

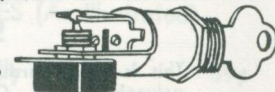


MAGNET WIRE

- #5 Square D.C.C. 50¢ per lb.
 #9 Round S.C.C. 60¢ per lb.
 #14 Square D.C.C. 70¢ per lb.
 #17 Soldereze, on 12" spools 80¢ per lb.

LOCKSWITCH

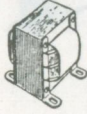
Lockswitch assembly consisting of an SPST toggle switch 5A — 125V. switching device holds key in ON position. Key detachable when switch is ON — 90¢ each.



DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

" SOONER OR LATER EVERYONE COMES TO UNIVERSAL ELECTRIC."

TRANSFORMERS For Radio, Television and Other Electronic Devices



POWER TRANSFORMERS

POWER TRANSFORMER #B513-071

Primary: 117 Volts — 60 Cycles
Secondary: 275-0-275 Volts
250 Ma
6.3 Volts at 9 Amps
5 Volts at 3 Amps
Dimensions: 4 1/2" x 3 3/4" x 2 3/4"
Horizontal Mount



\$5.75 each

POWER TRANSFORMER #337114-2

Primary: 117 Volts — 25/60 Cycles
Secondary: 300-0-300 Volts
185 Ma
6.3 Volts at 5.75 Amps
5 Volts at 4 Amps
Dimensions: 4" x 4 3/4" x 4 1/2"
Horizontal Mount



\$4.75 each

POWER TRANSFORMER #TR-3821

Primary: 117 Volts — 60 Cycles
Secondary: 250-0-250 Volts
100 Ma
6.3 Volts at 3 Amps
5 Volts at 2 Amps
Dimensions: 3-7/16" x 4 1/8 x 2 3/4"
Horizontal Mount

\$4.00 each

POWER TRANSFORMER #94208031

Primary: 117 Volts — 25/60 Cycles
Secondary: 290-0-290 Volts
240 Ma
12.6 Volts at 5.75 Amps C.T.
5 Volts at 4 Amps
Dimensions: 4 1/2" x 3 3/4" x 4-5/8"
Horizontal Mount



\$5.75 each

POWER TRANSFORMER #586034

Primary: 117 Volts — 60 Cycles
Secondary: 250-0-250 Volts
185 Ma
6.3 Volts at 5 Amps
5 Volts at 3 Amps
Dimensions: 3 1/2" x 4 1/4" x 3"
Horizontal Mount



\$5.00 each

POWER TRANSFORMER #340007-4

Primary: 117 Volts — 60 Cycles
Secondary: 150-0-150 Volts
100 Ma
3 Volts at 1 Amps
4 Volts at 1 Amp.
5 Volts at 3 Amps
Dimensions: 4 1/2" x 3 3/4" x 2 1/2"
Horizontal Mount — No End Bells

Special at \$2.50 each

POWER TRANSFORMER #20008182

Primary: 117 Volts — 60 Cycles
Secondary: 290-0-290 Volts
240 Ma
6.3 Volts at 11.5 Amps
5 Volts at 4 Amps
Dimensions: 4-1/8" x 3 1/2" x 3-1/8"
Horizontal Mount



\$5.75 each

POWER TRANSFORMER #337110-5

Primary: 117 Volts — 25/60 Cycles
Secondary: 150-0-150 Volts
185 Ma
6.3 Volts at 3 Amps
5 Volts at 2.5 Amps
Dimensions: 3 3/4" x 4 1/2" x 4"
Horizontal Mount



\$3.50 each

POWER TRANSFORMER #20008031

Primary: 117 Volts — 25/60 Cycles
Secondary: 300-0-300 Volts
95 Ma
6.3 Volts at 4 Amps
5 Volts at 3 Amps
Dimensions: 3 1/2" x 4-1/8" x 3 1/4"
Horizontal Mount

\$3.75 each

POWER TRANSFORMER #LK-450

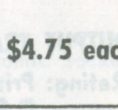
Primary: 117 Volts — 25/60 Cycles
Secondary: 300-0-300 Volts
90 Ma
6.3 Volts at 4 Amps
5 Volts at 3 Amps
Dimensions: 3 3/4" x 4 1/2" x 3 3/4"
Horizontal Mount



\$5.75 each

POWER TRANSFORMER #339842-1

Primary: 117 Volts — 60 Cycles
Secondary: 300-0-300 Volts
150 Ma
6.3 Volts at 4 Amps
5 Volts at 2 Amps
Dimensions: 3 3/4" x 4 1/2" x 3 1/4"
Horizontal Mount



\$4.75 each

POWER TRANSFORMER 337110-2

Primary: 117 Volts — 60 Cycles
Secondary: 260-0-260 Volts
150 M.A.
6.3 Volts — 3 Amps
5 Volts — 2.5 Amps
Dimensions: 4 1/2" x 3 3/4" x 3" High
Horizontal Mount

\$4.75 each

POWER TRANSFORMER #B513-872

Primary: 117 Volts — 25/60 Cycles
Secondary: 260-0-260 Volts
225 Ma
12.6 Volts at 5 Amps
5 Volts at 3 Amps
Dimensions: 4" x 5 1/4" x 4 3/4"
Vertical Mount



\$5.75 each

POWER TRANSFORMER #501-471

Primary: 117 Volts — 60 Cycles
Secondary: 300-0-300 Volts
125 Ma
6.3 Volts at 3 Amps
5 Volts at 2 Amps
Dimensions: 4 1/2" x 3 3/4" x 4 1/4"
Horizontal Mount



\$5.00 each

POWER TRANSFORMER #586-175

Primary: 117 Volts — 60 Cycles
Secondary: 270-0-270 Volts
75 Ma
6.3 Volts at 3 Amps
5 Volts at 2 Amps
Dimensions: 4" x 2 3/4" x 3-3/8"
Vertical Mount



\$3.50 each

POWER TRANSFORMER #B513-871

Primary: 117 Volts — 60 Cycles
Secondary: 250-0-250 Volts
225 Ma
6.3 Volts at 10 Amps
5 Volts at 3 Amps
Dimensions: 3 3/4" x 4 1/2" x 2 3/4"
Horizontal Mount

\$5.75 each

POWER TRANSFORMER #501-572

Primary: 117 Volts — 25/60 Cycles
Secondary: 335-0-335 Volts
100 Ma
6.3 Volts at 3 Amps
5 Volts at 2 Amps
Dimensions: 3-5/16" x 2-7/8" x 4 3/4"
Horizontal Mount

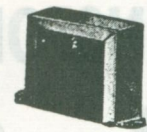
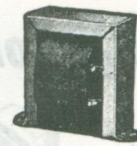
\$4.50 each

POWER TRANSFORMER 337110-4

Primary: 220 Volts — 60 Cycles
Secondary: 300-0-300 Volts
200 M.A.
6.3 Volts — 3 Amps
5 Volts — 2 Amps

\$3.75 each

Replacement FILTER CHOKES OUTPUT TRANSFORMERS



Radio & T.V. Chokes, Output and Filament Transformers

FILTER CHOKE # 21010951

Rating: 1.5 Hrys. — 250 Ma.
Impedance: 740 Ohms

\$1.50 each

FILTER CHOKE # LK-566

Rating: 2 Hrys. — 20 Ma.
Resistance DC: 38 Ohms

40¢ each

FILTER CHOKE # 339103

Rating: 4 Henries at 100 Ma.
Resistance DC: 40 Ohms

60¢ each

FILTER CHOICE # 21010952

Rating: 5 Henries at 125 Ma.
Resistance DC: 40 Ohms

75¢ each

FILTER CHOKE # 576087

Rating: 10 Henries at 65 Ma.
Resistance DC: 60 Ohms

60¢ each

FILTER CHOKE # 503-074

Rating: 10 Henries at 125 Ma.
Resistance DC: 150 Ohms

\$1.00 each

FILTER CHOKE # 94210001

Rating: 10 Henries at 150 Ma.
Resistance DC: 75 Ohms

\$1.00 each

FILTER CHOKE # 501-073

Rating: 12 Henries at 25 Ma.
Resistance DC: 600 Ohms

50¢ each

FILTER CHOKE # 503-073

Rating: 20 Henries at 50 Ma.
Resistance DC: 775 Ohms

75¢ each

OUTPUT TRANSFORMERS

OUTPUT TRANSFORMER # 3

Rating: Push-Pull. 600 Ohm line to Push-Pull grids.
Ratio: 6:1

50¢ each

OUTPUT TRANSFORMER # T0-6

Rating: 8000 Ohms to 3.2 Ohms Voice Coil
Potted type suitable for 6V6.

65¢ each

OUTPUT TRANSFORMER # 505-617

Rating: Push-Pull output, 3500 Ohms to 3.2 Ohms voice coil.

Suitable for 35L6, 50L6, 50C5 tubes.

60¢ each

OUTPUT TRANSFORMER # 503-617

Rating: Primary impedance 5000 Ohms to 3.2 Ohm voice coil. Designed to be used with output tube 25L6GT on Marconi TV set 108.

60¢ each

OUTPUT TRANSFORMER # 586150

Rating: 5000 Ohms to 3.2 Ohm voice coil.
Suitable for use with a single 6F6 tube or its equivalent.

65¢ each

OUTPUT TRANSFORMER LK495-2

Primary: Impedance 5,000 Ohms to 3.2 Ohms Voice Coil. PUSH PULL
Suitable for two 6F6.

65¢ each

OUTPUT TRANSFORMER # 101-186

Rating: Primary: 16 Hys. at 38 Ma
D.C.

Pri. Impedance: 6200 Ohms.
Used on Mercury Auto Receiver.

45¢ each

OUTPUT TRANSFORMER # 130-080

Rating: Pri: 9 Hys. at 38 Ma.
D.C.

Pri. Impedance: 5000 Ohms
Used on Ford-Detrola Auto Receiver.

50¢ each

OUTPUT TRANSFORMER # 507-817

Rating: Pri: 10 Hys. 30 V. 60 Cycle
45 Ma.

Pri. Impedance 6500 Ohms at .038
A D.C. 3.2 Ohm Voice Coil across secondary.

Used on Ford Bendix auto receiver.

35¢ each

AUDIO OUTPUT TRANSFORMER # 10

Rating: Push-Pull to two outputs 10,000 Ohms and feedback winding.

\$1.00 each

AUTO TRANSFORMER # 508-472

Rating: Pri. 8.3 V. @ .75 Amp.

Tap. 6.3 V. @ .85 Amp.

45¢ each

PLATE AND FILAMENT TRANSFORMERS

FILAMENT TRANSFORMER # LK-511

Primary: 117 Volts - 25/60 Cycles.
Secondary: 15 Volts C. apped at 5.75
Amps 6.3 Volts at 4 Amps.
5 Volts at 2 Amps.

Dimensions: 3 3/4" x 3-1/8" x 3-3/4".
Horizontal Mount.

\$3.75 each

FILAMENT TRANSFORMER # LK-570

Primary: 117 Volts - 60 Cycles
Secondary: 15 Volts C. Tapped at 5 Amps
Dimensions: 3" x 2 1/2" x 2 1/4".
Horizontal Mount.

\$1.75 each

FILAMENT TRANSFORMER # 119-743

H.T. Filament Transformer.
Primary: 117 Volts - 25 Cycles - 28 Watts
0.25 Amps.

Secondary: 5 Volts at 2 Amps.
85 Volts - 2 Amps, 4000 V. Test.

Pilot: 5 Volts at 0.25 Amps.
Dimensions: 2-5/8" x 2-3/16" x 5".

Vertical Mount (5" above chassis).

\$2.75 each

FILAMENT TRANSFORMER # TVF-1

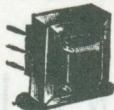
Primary: 117 Volts - 25/60 Cycles.
Secondary: 6.3 Volts at 11 Amps.

Dimensions: 4 1/2" x 4" x 3 1/2"
Vertical Mount.

\$3.25 each

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON
SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

Universal usually has what you require



Universal Electric Co.

REPLACEMENT TRANSFORMERS

T.V. VERTICAL OUTPUT TRANSFORMER #503-608

Rating: Primary Resistance 550 Ohms Max
Primary Inductance at 50V., 60 Cy.
15 Ma DC — 10/1
50 Hys maximum Sec. open
40 Hys Maximum sec. short
Standard four wire vertical output replacement transformer.

\$1.00 ea.

T.V. VERTICAL OUTPUT TRANSFORMER #20008481

Rating: Primary Resistance 1600 Ohms to
4.4 Ohms secondary
2.5 Kilovolts Maximum
Standard replacement for Dumont and other sets,
three wire vertical output.

\$1.00 ea.

AUDIO TRANSFORMERS

AUDIO INPUT TRANSFORMER #119-762

Rating: 30/50/200/250 Ohms to 41,000
Ohms.
Minimum Level 75 db. below 1 milliwatt.
Overall Dim. 2-3/4" x 2" x 5-3/4" high

\$2.00 ea.

AUDIO OUTPUT TRANSFORMER # Q-66

Rating: 125 Ohms phones & 3-1/2 Ohm
speaker.
IND: 85 Hys. at 7.5 mills
Primary: 8686 turns, 43 layers red and blue.
Secondary: #1 - 66 turns 3 layers green &
yellow.
Secondary: #2 - 264 Turns, 6 layers yellow
& black.

\$1.25 ea.

AUDIO HOWLER TRANSFORMER # 97646

Rating: 3.3 Hys. at 0.08 Amps. D. C.
20 Volts - 60 Cycles

\$1.50

UNIVERSALS POLICY
THE FINEST OF MERCHANDISE
AT THE LOWEST PRICES.

FILAMENT TRANSFORMER # 901142

Primary: 0-190/210/230/250 V. 60 Cycles.
Secondary: 10 V. - 2.5 A. C.T.
10 V. - 2.5 A. C.T.
Vertical mount.
Dim. 3-5/8" x 3-1/2" x 4-1/4" high.

\$3.75 each.

L.T. FILAMENT TRANSFORMER

97634

Primary: 100/110/120 Volts 60 Cycles
- 31 Watts.
Secondary: 2.5 Volts - 3 Amps.
Used as conditioning x'former in the PV-
500M.

\$2.00 each.

L.T. FILAMENT TRANSFORMER #119-745

Primary: 115 V. 25 or 60 Cycle
Secondary: 2.5 V - 4 Amps. C.T.
2.5 V - 4 Amps. C.T.
Dim. 2-1/4" x 1-7/8" x 3-1/4" high.

\$1.50 each.

RECTIFIER FILAMENT TRANSFORMER

#119-779

Primary: 115/280 V., 25/60 Cycles
Secondary: 5 V. - 7.5 Amps.
Ins: 5000 V.D.C.W.
12000 V. Test.
Assembly includes Johnson Ceramic Socket,
mounted on the transformer.
Overall Dim. 3-3/4" x 3-1/8" x 7-5/8"
high.

\$3.00 each.

PLATE TRANSFORMERS

PLATE TRANSFORMER # 89325

Primary: 100/110/120 Volts
60 Cycles - 1200 V.A.
Secondary: 1650 V.A. intermittent.
Dim. 8-7/8" x 8-3/8" x 8-7/16"
high

\$12.50 ea.

POWER TRANSFORMER HAMMOND CMC147-040

Rating: Primary 230/115 VAC
Secondary 260-0-260 Volts at 150 Ma
Min.
Filament: 5 Volts at 3 Amps
6.3 Volts at 3 Amps

\$5.75 ea.

TAPPED INPUT FILAMENT TRANSFORMER #5214

Rating: Primary, tapped from 0-120-210-230-
250 VAC
Secondary Filaments:
10/5 Volts at 6 Amps Min.
10/5 Volts at 6 Amps Min.

\$2.75 ea.

HOTPOINT STEP-DOWN TRANSFORMER #70G30G1

Rating: Primary Input 110/220 VAC
Secondary Output 50 Volts at 60 MA
35 Watts.

\$1.00 ea.

SMOOTHING FILTER CHOKE #89379

Rating: 17.5 Hys. - 0.5 Amps.
1200 V. - 60 Cycle ripple

\$5.00 each.

H.T. FILTER REACTOR #119-752

Rating: 15 Hys. Nominal
0.7 Amps. D.C.
2000 V. - 60 Cycle ripple.

\$7.50 each.

REACTOR # 116-767

Rating: 30 Hys. Nominal.
0.10 Amps. D.C.
Resistance: 300 Ohms
370 V. - 120 Cy. ripple.

\$2.00 each.

VIBRATOR TRANSFORMER #5844786

Standard Auto Radio Vibrator Transformer Oper-
ating Voltage 12 D.C.

75¢ each

"UNIVERSAL" HAS
THE FASTEST SERVICE

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON
SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

UNIVERSAL ELECTRIC THE HOME OF GOOD VALUE



MISCELLANEOUS PARTS

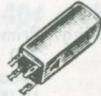
CONVENTIONAL PANEL OUTLET



U/L approved chassis mount AC outlet. Black bakelite body, compact for simple and quick mounting. Two tabs tapped for hardware. Capacity 15A - 125 Volts. Tinned metal lugs for good contact.

15¢ each — 100 - \$12.50

IF TRANSFORMERS



T.V. IF TRANSFORMERS (RCA)

Type # B941661-1, 20 MC, 50¢ each
 Type # P970148-1, 20 MC, 50¢ each
 Type # 941660-1, Video Circuit Trap, 20-30 MC, 50¢ each

MINIATURE AUTO RADIO IF's

Miniature IF's, paired input and output, 265 Kcs, designed for car radios. \$1.00 Pair

STANDARD BROADCAST IF's

Standard broadcast band paired IF's, 456 Kcs. \$1.00 Pair

GRID CAPS



Heavy, well-insulated TV high voltage grid caps. Short length of insulated lead attached to caps.

1/4" Cap 10¢
 3/15" Cap (No lead) 6¢

ION TRAPS



Wooble-pruf ion traps. Easily installed on TV picture tube, gives clear bright image. Provides good grip on tube neck by spring attachment.

35¢ each

CIRCUIT TRAPS

RCA, TV component type # 203L5 Video circuit trap, 4.5 MC.
 Our Number S-44 15¢

VIDEO COIL ASSORTMENT

Assortment of 10 standard RCA, Dumont, G.E., Westinghouse, replacement video linearity coils, peaking coils and video circuit traps. 3.1 and 4.5 meg.

\$1.50 per asst.

KLIXON TYPE ER THERMAL RELAY

Operating in the following manner. Upon closing circuit across rated voltage the contacts move from normal to operating position in about 30 secs. Upon opening circuit return takes 30 secs. Free of magnetic hum or chatter. Contacts 110 Volts AC at 15 Amps, or 220 V. 10 Amps. 1/2 H. Operating coil 110 V. AC & DC 8 Watts. P. Dia. 2 1/2" x 1 1/4" high.

\$2.00 each

SAFETY GLASS

Explosion proof TV safety glass. 1/4" thick, specially manufactured to avoid optical distortion. Available in the following sizes:

12-3/8" x 17 3/4" 50¢ each
 13 3/4" x 17-7/16" 50¢ each
 13-3/16" x 18" 50¢ each
 15 3/4" x 20-5/8" 75¢ each
 15 1/2" x 21-1/16" 75¢ each
 16-9/16" x 21-3/16" 75¢ each

Three sizes of tinted glass recently developed to cut down picture glare.

16-13/16" x 22-3/16" \$1.00 each
 17-5/16" x 22 1/2" \$1.00 each
 20-7/16" x 25 1/2" \$1.00 each

BANANA PLUGS



Standard banana plugs of advanced design. Carefully machined brass studs extend full length of pins for extra strength. Beryllium copper springs, resistant to corrosion, two types, threaded and rivet.

734 - Cad. Plated, rivet type, insert 3/8", overall length 9/16", rivet dia. 1/8" 5¢ each
 # 735 - Cad. Plated, screw mount 6-32, insert length 1/2", overall length 1-1/8" 5¢ each
 # 736 - Nickel Plated, screw mount 8-32, insert length 1/2", overall length 1 3/4" 7¢ each
 # 737 - Silver plated 'Jumbo' type. Threaded 3/8"-32, insert length 1/2", overall length 1-7/8" 10¢ each

Phono Accessories



PHONO CARTRIDGE # CX-308

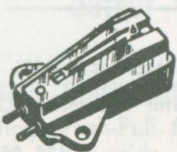
High output phono cartridge designed as a replacement for the

RONETTE. Dual turnover, 3 volt output, low inter-modulation distortion. Crystal cartridge complete with twin styli.

\$3.25 each

PHONO CARTRIDGE # CX-309

Exact replacement for RCA '45' record players. High voltage output. Complete with LP stylus. \$2.50 each



Universal three speed, all-groove needle. 0.002" dia., type 8A, individually packaged. 79¢ each



PHONO CARTRIDGE # W-22

Bending type phono cartridge, replacement for the SHURE W-22. Crystal cartridge, 1 Volt output.

\$3.50 each



LIGHTWEIGHT-CRYSTAL CARTRIDGE

Standard 3-speed phono cartridge. Pin plug connectors, less stylus. \$1.50 each

Microgroove phono stylus. Type # C64MGS. Replacement type stylus for standard LP needles.

Microgroove 0.001". Individually packaged, protected against damage.

79¢ each

STYLUS PRESSURE GAUGE



This is an accurate balance type stylus pressure gauge, depending on no springs for operation. Measures from 0-30 grams. No adjusting is required.

Type PG-21 \$1.49 each

PHONO NEEDLE CHECKER

Phono needle checking pocket microscope. Permits quick examination of phono styli, and easy determination if they require changing. With handy clip for carrying in coat pocket. 3 3/4" long x 1/2" in diameter.

\$1.75 each



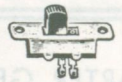
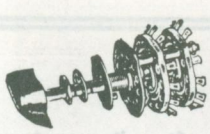
TELEPHONE PICK-UP COIL

Induction telephone pick-up coil. Allows monitoring of telephone conversations for future reference. No tapping or wires or special circuits. Direct to tape recorder.

\$2.50 each

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

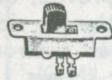
SWITCHES FOR ELECTRONICS



TOGGLE SWITCHES

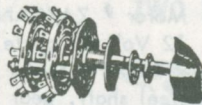
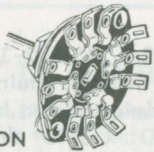
| CONTACTS | DESCRIPTION | PRICE |
|---------------|--|-------|
| S.P.D.T. | Rotary, A.C., 6 Amps. - 125 V.A.C. 3 Amps. - 250 V.A.C. | 25¢ |
| S.P.S.T. | Screw Mount | 35¢ |
| S.P.S.T. | Panel Mount, Spring Back | 25¢ |
| S.P.S.T. | Screw Mount with fork handle | 20¢ |
| S.P.S.T. | On/Off & Momentary, screw mount | 25¢ |
| S.P.D.T. | Screw Mount | 35¢ |
| S.P.D.T. | Heavy Duty, Side screw mount | 40¢ |
| D.P.S.T. | Screw Mount | 45¢ |
| 4 Pole 2 Pos. | Panel Mount | 85¢ |
| 4 Pole 3 Pos. | Panel Mount, Neutral Centre | 90¢ |

SLIDE SWITCHES



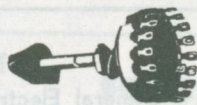
| CONTACTS | DESCRIPTION | PRICE |
|----------|---|-------|
| S.P.S.T. | Plain Slide Switch | 12¢ |
| D.P.D.T. | Plain Slide Switch | 20¢ |
| D.P.D.T. | Equipped with 3/4" shaft for rotary action | 20¢ |
| D.P.D.T. | Equipped with 1 1/4" shaft for rotary action | 25¢ |
| D.P.D.T. | Equipped with 2-5/16" shaft for rotary action | 30¢ |

ROTARY SWITCHES



| DESCRIPTION | SHAFT | OUR # | PRICE |
|--------------------------------|----------|-------|-------|
| S.P.D.T. | 7/8" | N-22 | .25 |
| 1 Pole 2 Pos. with Off pos. | 5/16" | N-23 | .15 |
| 1 Pole 2 Pos. Non Shorting | 2-1/16" | N-34A | .15 |
| 1 Pole 2 Pos. Shorting | 1-13/16" | N-21 | .15 |
| 1 Pole 2 Pos. Shorting | 11/16" | N-20 | .15 |
| 2 Pole 2 Pos. Shorting | 1-9/16" | N-29 | .20 |
| 2 Pole 3 Pos. Enclosed Type | 1/4" | N-28 | .35 |
| 2 Pole 3 Pos. Non shorting SDS | | N-31 | .20 |
| 2 Pole 3 Pos. Shorting | 2" | N-35 | .20 |
| 2 Pole 3 Pos. AC Line Switch | 3/8" | N-37 | .35 |
| 2 Pole 3 Pos. 3-Bank | 1-9/16" | # 139 | .35 |
| 3 Pole 2 Pos. Shorting | 3/8" | N-21B | .15 |
| 4 Pole 2 Pos. Shorting | 5/16" | N-43 | .20 |

SWITCHES FOR SPECIAL APPLICATIONS



- 1 Pole 12 Pos. Metering Switch N/132 — 35¢
- #136 — 2 Pole 3 Position. 3-Bank with extended shaft controlling switching mechanism and 25 MMf variable air trimmer. 50¢ each
- #N-37 — 2 Pole 5 Position. Non shorting wave change switch. Shorts all unused coil terminals to ground. Switch shaft is 9/16". 35¢ each
- #N-46 — 4 Pole 2 Position. Two bank, non-shorting on large mounting bracket. Switch shaft 1 3/4". 25¢
- #N-34 — 4 Pole 5 Position together with DPST AC line switch. Switch assembly consists of 3 banks 50¢

HEINEMANN CIRCUIT BREAKERS

| VOLTAGE | AMPERAGE RATING | YOUR COST |
|-------------------|-----------------|-----------|
| 24 VDC | 35 Amps | \$1.75 |
| 115 Volts 25/60 C | 15 Amps | \$2.00 |
| 220 Volts AC | 35 Amps 2 Poles | \$2.50 |
| 230 Volts AC | 0.5 Amps | \$2.50 |
| 230 Volts AC | 2.6 Amps | \$2.50 |

CUTLER HAMMER CIRCUIT BREAKER

Single pole, non-trip free circuit breaker. 30 Volt at 20 Amps rating. Toggle type. \$0.45 ea.

PUSH-BUTTON SWITCHES

| CONTACTS | DESCRIPTION | PRICE |
|----------|------------------------|-------|
| S.P.S.T. | Normally open, moment. | 35¢ |
| D.P.D.T. | momentary | 45¢ |



MULTIPLE PUSH-BUTTON SWITCH:



8 push button switch our # N-59. Overall dimensions 6-3/4" x 1-7/8" x 1-1/4". Push button shaft length 7/8". 29¢ each.

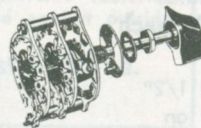
PUSH-BUTTON SWITCH:

Sealed push-button switch, S.P.S.T., normally closed. Container dimensions 1-13/16" x 1-13/16" x 1-1/2". Manufactured by ALLIED CONTROL. Our # N-42-B 50¢ each

TOGGLE SWITCH "SPECIAL":

General purpose S.P.D.T. toggle switch. Heavily insulated bakelite case and contact cover. Overall dimensions 1-5/8" x 1-1/8" x 1-1/8". Panel mounting type. Our # 5C/543 Special.. 30¢ each

SELECTOR SWITCHES FOR TEST EQUIPMENT AND RADIO CIRCUITS



Rotary Switch assortment consisting of five different rotary and selector switches for radio and instrument applications each switch represents a useful arrangement of poles and positions. The assortment includes switches of the shorting and non-shorting variety. \$1.25 per assortment.

"TOUCH-CONTROL" SWITCH

START - STOP - RUN - JOG - SAFETY

Sensitive electric switch operating by the pressure of foot, hand, knee or finger. Pressure anywhere on non-slip plate makes instant contact. Cast-iron case 4" diameter, x 2 1/2" high. Three mounting holes in base. Microswitch circuit normally open. MODEL MC-1 \$4.00 ea.



MODEL MC

UNIVERSAL ELECTRIC THE HOME OF GOOD VALUE

THE UNIVERSAL ELECTRIC COMPANY

CARTER GENEMOTORS:-

Carter Generators for three-way police, taxicab, mobile communication equipment and small aircraft. Simplicity of design, compactness, quick-starting triple insulated winding, static and dynamic balance.

\$5.00 each

| Mfr's Code | Volts in DC | Amps | Volts out DC | Amps |
|------------|-------------|------|--------------|------|
| 415-C | 32 | 3.5 | 400 | .15 |
| 415-D | 110 | 1.0 | 400 | .15 |

Dimensions: 6 1/8" x 4 1/8" x 3 1/2" high. Weight 8 lbs.

CARTER MAGMOTORS:-

Carter Magmotors for marine and aircraft radio receivers, for police and taxicab mobile communications equipment. Widely used in Geophysical and research electronic apparatus. Compact design, eliminates field coils.

\$5.00 each

| Mfr's Code | Volts in DC | Amps | Volts out DC | Amps |
|------------|-------------|------|--------------|------|
| MC-1550 | 32 | 0.5 | 150 | .05 |

Dimensions: 5-5/8" x 3-11/16" x 2 1/2" high. Weight 5 lbs.

DYNAMOTORS:-

Dynamotors manufactured by the Hoover Co. Ltd. to JAN specifications. 6500 R.P.M. continuous duty.

| Mfr's Code | Volts in DC | Amps | Volts out DC | Amps |
|----------------|-------------|---------|--------------|------|
| RCA 107703-501 | 12/24 | 2.7/1.4 | 150 | .085 |

\$5.00 each

MULTIPLE APPLICATION HAYDON MOTOR

115 volt 60 cycle multi-purpose 1 R.P.M. Miniature motor. CSA approved, draws 3.8 watts. Shaft is 1/8" in diameter with flattened side, extends 3/8" beyond motor housing. Motor has a strong pull and is equipped with mounting holes for screws.

Your cost \$1.75 each

PHONO-MOTORS

#122741-3 Single speed 78 rpm, 115 Volts 25 cycle phonomotor. **95¢ each**

#124042-1 Single speed 78 rpm, with neutral position on spindle. 115 V. 25 Cycle. **95¢ each**

#105406-506 Single speed 78 rpm, with idler wheel, mounting plate and turn table spindle. 110 Volts 25 Cycles. **95¢ each**

#24205-2 Two speed, 33-1/3" and 78 rpm, with idler wheel, change over lever switch, neutral position. 115V. 25 Cycles. **95¢ each**

#30620-2 Three speed phonomotor, with idler wheel, complete change-over assembly, and mounting plate. 115 V. 25 Cy. **\$2.00 each**

Idler wheel, with high quality rubber band, and 1/2" spindle. Wheel diameter 2". Standard type used on 11 phonomotors. **25¢ each**

ROBBINS & MYERS MOTORS SPECIAL

SPECIFICATIONS: 1/10 H.P.: 220 Volts Frame 87
3400 RPM - Continuous Duty, 55' C.
0.6 Amps - Winding, Compd.

This is a direct current motor, with a circular mounting plate drilled for four mounting screws or bolts 3 1/2" apart. Shaft extends 1 1/2" beyond motor housing. Shaft diameter is 7/16" and it is threaded to take a 32 nut.

Special at \$7.50 each

MOTORS

Motor # ZA/CAN 5155.

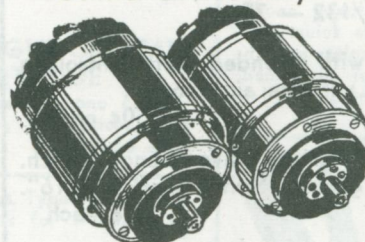
12 Volt 60 cycle. Overall dimensions 2-5/16" x 2-3/8" x 1-3/4". Motor enclosed in anodized housing. Stainless steel shaft, gear train consists of 4 cadmium plated brass gears, driven gear 1" O.D. x 1/4" I.D. x 3/16" thick, with 30 teeth. **\$1.50 each.**

Motor manufactured by the ELECTRIC TAMPER CO. 24 Volts D.C. - 50 Amps. - 4000 R.P.M. - 1.25 H.P. Rating Continuous, SHUNT winding. May be used as generator. Shipping Wt. 35 Lbs. **\$12.50 each.**

Motor manufactured by A.G. REDMOND. 28 Volts D.C. - 0.8 Amps. - 6000 R.P.M. Shipping Wt. 2 Lbs. **\$2.49 each.**

115 VOLT, 60 CYCLE AC SELSYNS

General Electric Selsyn Generators:-

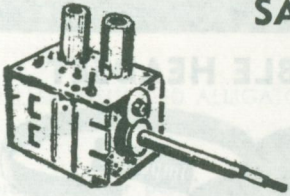


These selsyns work in pairs, operating directly from 115 V 60 Cy. AC. They require no transformers, series resistors or condensers for excellent remote direction of beams, wind vanes, antennas. Plenty of power for direct drive of industrial, laboratory and experimental equipment. Aluminum alloy case 3-3/8" diameter. Shaft allows easy coupling to pointers, drive gears, etc. Model #2J58C1

**MODEL #2J58C1
Set of two \$25.00**

TELEVISION ACCESSORIES

SARKES TARZIAN WHF TUNER

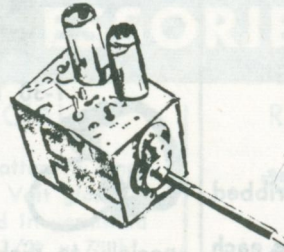


One of the most widely used tuners in the television industry. VHF covers the full spectrum. 3 1/2 and 4" dual and concentric shaft. Excellent gain, noise

factor, image and if rejection. Proven in wide service for its dependability. Suited for fringe areas. Designed for 40MC IF systems. Shipped complete with 6BZ7 RF Amplifier and 6J6 Oscillator mixer.

Your Cost \$9.00 ea.

SARKES-TARZIAN T.V. TUNER



Two Tube Sarkes Tarzian replacement tuner. Short shaft type used on Sylvania TV sets. Dual concentric shafts 1 1/4 and 2" long.

Tubes with shields types 4BQ7A and 5AT8. Superior gain is the desirable feature of this standard tuner. Designed for 45 MC IF systems.

Your Cost \$9.00 ea.

LIGHTNING ARRESTORS



MODEL LA1
This Universal arrestor gives the lowest insertion loss of any arrestor in use to-day. 2" dia. size, made to mount on wall or mast.

Takes all types of transmission line. Open lead type also available.

Your Cost 40¢ ea.

300 OHM TWIN LEAD

300 Ohms T.V. and F.M. Transmission line. Full thickness, resists weather and corrosion. 70 Mil., 20AWG copper strand polyethylene brown. 2 1/2¢ per foot \$18.00 M feet. 100 Mil., 20 AWG copper strand polyethylene, silver, gold. 3¢ per foot \$25.00 M. feet.



PICTURE TUBE SOCKETS

FIG. 1.



FIG. 2.



Half moon socket with five pins designed to fit any standard picture tube. Molded black bakelite, leads average 14" in length Fig. 2 25¢ each.

Standard complete circle picture tube socket. Manufact. by Alden. Five pins, colour coded leads, averaging 14" Black molded bakelite 25¢ each.

Duo-decal socket. For magnetic deflection T.V. and 'scope tubes, such as the 7DP4, 10BP4, 12LP4, 16RP4. Average lead length 12". As in Fig. 1 30¢ each.

T.V. CHEATER CORDS

T.V. safety interlock or cheater cords. High grade heavy twin lead wire with molded plug and receptacle one on each end. Length 6 1/2 feet.

45¢ each



TWO SET COUPLER



For indoor and outdoor use. Solid zinc die cast case. Consists of 2 sets of decoupling coils with 300 ohm input and two 300 ohm output polyethylene insulated coils for long life in any weather. For VHF, UHF and color installation. Permits use of two T.V. sets from one antenna. Zinc case prevents radiation and acts as a regular shield against outside interference.

Your Cost \$2.25 ea.

T.V. SPRING-TYPE GRIP CAPS

T.V. Spring Type Grip Caps for high voltage on T.V. rectifier tubes. Constant contact and pressure insured by spring action. Eliminates slip-off. For 1/4" caps.

15¢ per doz.

T.V. PICTURE TUBE MASKS

Rectangular picture tube masks of standard design. For 17" Picture tube, outside dimensions 18-3/8" x 13".

75¢ each

For 21" Picture tubes, outside dimensions 22" x 16-5/8".

\$1.00 each

HIGH VOLTAGE ANODE LEADS



Second Anode Connector for T.V. Tube Snap button type plug, well insulated by 1 1/2" protective rubber cap. Snaps into opening on side of tube.

Our # F-41-A Black 9" lead 15¢ ea.
Our # F-41-B White 7 1/2" lead 10¢ ea.
Our # 1-53 White 17" Lead side mount 18¢ ea.
Our # 1-48 White 12" Lead 17¢ ea.
Our # 1-48 White 14" Lead clip mount 17¢ ea.

FOCUS COIL

ELAC DUOMAG FOCALISER

Focaliser Type No. FD 12/7. Imported focalizing assembly for 17 and 21" T.V. Picture tubes. Standard Marconi replacement part. Twin adjustment for better and clearer pictures.

Special at \$1.00 each

LAMP TYPE TUNING WANDS

Manufactured by the American Scientific Mfg. Co. Extremely sensitive for getting maximum tuning and R.F. gain. Dimensions: 8 1/4" long x 1/2" diameter.

39¢ each

90° FLYBACK AND YOKE KIT



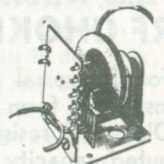
A matched Flyback and yoke kit which can be used as a replacement kit or for the conversion of small size sets to the use of new 90° tubes of most sizes up to 27". For sets employing 1B3GT, 6BQ6 and 6W4 tubes.



Flyback X'Former Our # 20008402 \$1.50 ea.
Deflection Yoke Our # 21011741 \$2.75 ea.
Complete set \$4.00

DUMONT FLYBACK TRANSFORMER - 70°

Part # 20008061
High voltage Output 13 K.V.
B + supply 300
Boost volts 500
Price \$1.50 each



A General Replacement for Most Sets.

DUMONT DEFLECTION YOKE - 70°

Part # 509-783
Used on the TD301
Horizontal Inductance 18.5 mh + 10%
Vertical Inductance 35mh + 10% Dia. 3.156"
Price \$1.75 each.



RADIO Accessories

PHONE PLUGS AND JACKS



Phone plug. Molded bakelite ribbed barrel. Fits all standard jacks.

#24 Black 45¢ each
#24 Red 45¢ each

In-line phone jack. Molded bakelite ribbed barrel. Cable mount type. Fits our #24 plugs or the PL-55. 35¢ each

Mallory type PL-55 plug. Bakelite barrel. PL-55 Black 45¢ each



Insuline single contact open circuit jack. Fits PL-55 or our #24 plugs. 20¢ each

Mallory type A-1 and A-2 Jacks. Single contact. Fits our PL-55 or #24 plugs. 20¢ each



Miniature plug and jack set. Miniature two contact bakelite barrel plug and matching open circuit single contact miniature Jack. Miniature Plug 25¢ each
Miniature Jack 20¢ each

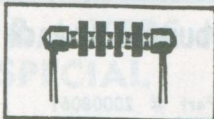


TINIEST OF ALL

SUB-MINIATURE PLUG AND JACK

Subminiature Plug and Jack set. Subminiature bakelite barrel two contact plug and closed circuit subminiature matching jack. Subminiature Plug (Red or Black) 21¢
Subminiature Jack 18¢

SPECIAL 2.5 M.H. RF CHOKE



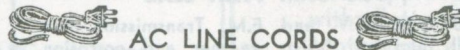
Four universal pie wound sections on an insulated form 2.5 M.H. Inductance, 32 Ohms DC resistance, 150 Ma. Low distributed capacity. Mounted by straight leads or in grid leak clips. 25¢ each

EDWARDS LUNGEN BUZZER
Model 1872, operating voltage 4-24 Volts. Chrome case, equipped with tapped mounting brackets. Adjustable pitch. Dimensions 1 1/4" x 1" x 1/2" hi. 90¢ each



T-30 THROAT MIKE

Designed to be worn around the neck. Consists of two carbon mic buttons fixed in molded rubber throat pieces. Made specially to pick up speech to the exclusion of all outside noises or interference. Can be used with any low gain amplifier. Current drain 100 Ma. Many possibilities in PA Amateur and Experimental work. 98¢ each



AC LINE CORDS

15" line cord with molded rubber side plug. 6¢ each or 50¢ per dozen.
3 foot heavy duty line cord with straight molded rubber plug. 15¢ each or \$1.60 per dozen.
6 foot radio and appliance cords with straight molded rubber plug. 25¢ each or \$2.75 per dozen.



KNIFE SWITCHES

Bakelite base knife switch for radio, TV and electrical applications. Base dimensions are 2-3/8" x 1 5/8". D.P.D.T. Rated for 115-125 Volts. 35¢ each

FLEXIBLE SHAFT ASSEMBLY
Flexible extension shaft 5-3/16" long with standard 5/32" split volume control type end. Flexible portion is 2 3/4" Long 1/4" dia. 20¢ each

CARBON MIC CAPSULE
Portable set microphone capsule. Carbon type. Diameter 1 1/4" x 3/8". 75¢ each

U.T.C. SUB-OUNCER TRANSFORMERS



Sub-Ouncer transformers for ultra miniature equipment. Type SSO-1 Input X'former with impedance ratio 1250:1, Pri. Imp. 200 & 50, Sec. Imp. 250,000 & 62,500 Pri. Res. 13.5 and Sec. Res. 3700, Level + 4 V.U. 75¢ each

SSO-3 Plate to line, Imp. Ratio 1:50, Pri. Imp. 10,000 & 25,000, Sec. Imp. 200 & 500, Pri. Res. 2600, Sec. Res., 35. Level 20 V.U. 75¢ each
Dim: 7/16" x 3/4" x 5/8", Weight .02 lb.

DOUBLE HEADSET



2000 Ohm impedance electromagnetic type headphones. Single spring type head strap with adjustable individual phones. Lightweight with phone cord equipped with phone tips. Individually Boxed \$3.00 each

Monitor crystal or magnetic headset with cord. Fully adjustable, may be used in place of conventional headphones. For tape recorder monitoring, short wave radio or ham listening. Lightweight, wide range and 40" fine cord. \$3.00 each

SUB-MINIATURE PARTS

SUB-MINIATURE TRANSISTOR SOCKETS

Subminiature transistor socket for popular type 3 pin transistors. Copper strip contacts. Ideal for all miniature sets, hearing aids, etc. 10¢ each

Transistor oscillator coil. For matched use with any 455 Kcs I. F. Transformer. Dimensions 3/4" x 3/8" diameter. 50¢ each



Transistor output transformers. Sub-miniature with leads. Colour code of leads on each transformers box.
Type ST11 Input 20,000/1,000 Ohms \$1.75
Type ST21 Input 10,000/2,000 Ohms \$1.75
Type ST31 Input 500 CT/3.2 Ohm VC \$1.75

TRANSISTOR LOOP ANTENNA
A transistor loop antenna with a fixed inductance loop. Frequency range for standard broadcast band when used with a variable condenser of 365 Mmf capacity. \$1.50 each

TRANSISTOR RADIO WHIP
Transistor radio whip antenna. Light chrome plated construction with contact receptable jack. Five section length extended 37 1/2". Complete with plastic carrying case. Collapses to a length of 9". Diameter 1/4". \$2.00 each

RADIO • TV ACCESSORIES

MUELLER INSULATED ALLIGATOR CLIPS



Sturdy clips for positive electrical contacts. For batteries, test equipment transmitting work, and high frequency applications. Strong spring assures a hard bite. Handles 3/4" long.

In Red \$0.15 Ea.
In Black \$0.15 Ea.



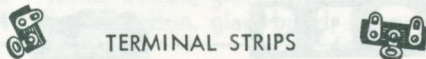
NATIONAL GRID AND PLATE GRIPS

National Grid and Plate Grips are designed to provide a secure and positive contact with the tube cap, yet are easily released by a slight pressure on the spring type ear.

Type # 12 for 9/16" Tube Caps.... \$0.04 Ea.
Type # 24 for 3/8" Tube Caps.... \$0.02 Ea.

GRID CAP ASSY:-

Grid Cap with 3-1/2" Lead
Our # M-43 \$0.15 per Doz.



TERMINAL STRIPS

| NUMBER OF CONTACTS | PRICE |
|-----------------------|-------|
| 1 Contact | 2¢ |
| 1 Contact & 1 Ground | 3¢ |
| 2 Contacts | 3¢ |
| 2 Contacts & 1 Ground | 4¢ |
| 3 Contacts | 4¢ |
| 4 Contacts | 5¢ |
| 4 Contacts & 1 Ground | 6¢ |
| 5 Contacts | 6¢ |
| 6 Contacts | 7¢ |
| 7 Contacts | 8¢ |
| 8 Contacts & 2 Ground | 10¢ |
| 10 Contacts | 10¢ |

ANTENNA AND GROUND STRIPS

Antenna strip, screw type 5¢
Antenna strip & ground terminal 6¢
Antenna & F.M. strip 6¢

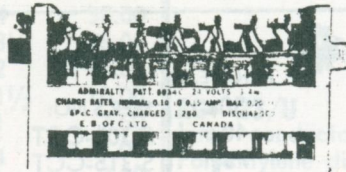
T.V. REPLACEMENT CONTROL PANEL

Consists of four volume controls 250 K, 1500 Ohms Wirewound, 50 K, 100 K, mounted on bracket, with hook-up wire, Used for brightness, width, vertical etc. adjustment on RCA T.V. sets.

Special \$1.00 Ea.

BATTERY SPECIAL

24 Volt EXIDE storage battery 3 Amp. hours. Made up of 12 2 Volt glass cells. Battery is enclosed in varnished wood case 11-1/2" x 4-1/2" x 7" hi. New..Minus acid. \$2.49 ea.



AERIAL INSULATORS

Made of hi quality bakelite, resistant to weather, and able to withstand strain. Overall length 2-1/2"

Your cost 10¢ ea.

EARPHONE LEADS

2 conductor, braided cotton brown, 53" long with loops at ends for connections. Our #G-47 20¢ each.

BARRIER TERMINAL STRIPS

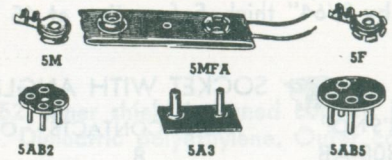


#R-107- Thirteen terminals screws 6-32 x 1/4", brass burnished nickel plate. Overall length 6-1/2" x 1" x 1/2" high. Molded bakelite base, light brown. \$0.75 ea.
#R-128- Twelve terminals, screws 8-32 x 5/16", brass burnished nickel plate. Overall length 7-3/4" x 1-1/4" x 5/8" high. Molded bakelite base, light brown \$1.00 ea.

MAGIC EYE SOCKET ASSEMBLIES

Standard type magic eye socket assemblies. For six pin type tubes, complete with colour coded leads. With four cotton covered leads 10¢ each
With five plastic covered leads. 15¢ each
Magic eye socket assembly for five pin tubes with three, 18" cotton covered leads. 15¢ each

RADIO BATTERY PLUGS



| TYPE | FOR BATTERY | PRICE |
|-------|----------------------|-------|
| 5AB2 | 1-1/2, "A" 63-90 "B" | 3¢ |
| 5AB5 | 6, "A" 90 "B" | 3¢ |
| 5MFAU | 90 V "B" | 6¢ |

BATTERY CABLE Three feet of rubber covered four lead battery cable with four pin "A", "B" battery plug. Used on army WALKIE-TALKIES 15¢ each.

WIRE & BATTERY PLUG ASSY. 35 feet of hook-up wire with 3 battery plugs. Your cost 20¢



JAN TERMINAL BLOCKS

Heavy duty terminal blocks with a black bakelite mounting base and a removable cover which insulates the contacts and protects against shorting. Can be used either as terminal blocks or as couplers. Two terminals, 1 1/4" x 1" x 3/4" high, 5¢ each
Three terminals, 1 3/4" x 1" x 3/4" high, 8¢ each

INSTRUMENT DIAL



Sturdy instrument type indicator. Control shaft has 1:1 ratio veeder type counter is direct reading in 99 revs. and vernier scale permits readings to 1 part in 100 of a single revolution, built in dial lock, and 1/4" drive shaft coupling may be used with multi-revolution. Transmitter controls etc.. or through gear reduction mechanism for controls of fractional rev. Capacitors, in receivers or Laboratory instruments. \$3.50

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

CONNECTORS

ELECTRICAL
CONNECTING DEVICES

ELECTRICAL
CONNECTING DEVICES



"300" SERIES PLUGS AND SOCKETS

The following specification features may be mentioned in connection with the Cinch-Jones Series 300 plugs and sockets. Phosphor bronze 'knife-switch' type sockets make firm contact with both sides of flat plug insert giving sure double contact area. Plugs of one size cannot fit into sockets of another type. Flaw-tested molded bakelite insulation. Formed metal caps together with formed fibre linings. Small prongs are 5/32" wide by 3/64" thick. Safe rating at 45 Volts and 5 Amps. Any higher circuit characteristics permitting.

SOCKET WITH ANGLE BRACKET

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| S-308-AB | 8 | L-49 | 40¢ |
| S-321-AB | 21 | L-35 | 75¢ |

SOCKET, FLARED HOLE IN CAP WITH KEEPERS

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-------------|-----------------|------------|-----------|
| S-310-FHT.K | 10 | L-36A | 50¢ |

PLUG WITH ANGLE BRACKET

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| P-304-AB | 4 | L-41 | 30¢ |
| P-308-AB | 8 | L-49 | 40¢ |
| P-315-AB | 15 | L-30 | 75¢ |

SOCKET CABLE CLAMP IN CAP

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| S-306-CCT | 6 | L-11-26 | 30¢ |
| S-315-CCT | 15 | L-41 | 75¢ |

PLUG WITH FLARED HOLE IN CAP AND LATCH

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|------------|-----------------|------------|-----------|
| P-310-FHTL | 10 | L-36B | 60¢ |

PLUG, CABLE CLAMP IN CAP

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| P-302-CCT | 2 | L-29A | 20¢ |

SOCKET, FLARED HOLE IN CAP

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| S-302-FHT | 2 | L-6 | 20¢ |
| S-303-FHT | 3 | L-34 | 25¢ |
| S-312-FHT | 12 | L-50 | 60¢ |
| S-315-FHT | 15 | L-30B | 75¢ |
| S-318-FHT | 18 | L-28 | \$1.00 |

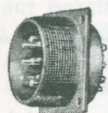
SOCKET, CABLE CLAMP IN END

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| S-310-CCE | 10 | L-29 | 50¢ |

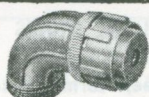
SOCKET WITH ANGLE BRACKET

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------|-----------------|------------|-----------|
| S-310-AB | 10 | L-51 | 50¢ |

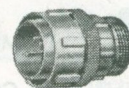
CANNON CONNECTORS



AN3102



AN3108 Plug



AN3106 Plug

INTERCHANGEABLE INSERTS

TYPE "AN" PLUGS (Chassis Mount)

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------------|-----------------|------------|-----------|
| AN-3102A-16S-1P | 7 | L-51 | 60¢ |
| AN-3102A-20-27P | 14 | L-50 | 80¢ |

TYPE "AN" PLUGS (Straight Cord)

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------------|-----------------|------------|-----------|
| AN-3106-14S-2P | 4 | L-43 | 25¢ |
| AN-3106A-18-1P | 10 | L-50A | 60¢ |
| AN-3108B-16-10B | 3 | L-51A | 20¢ |

CHASSIS MOUNT MULTI CONTACT CONNECTOR SET

Twenty-six contact male and female connector set. Both the plug and the receptacle are designed to be mounted on chassis. Each unit is enclosed in heavy bakelite.

Our Number L-24

Price per set \$0.75

SPLIT SHELL CONSTRUCTION

TYPE "AN" RECEPTACLE (Straight Cord)

| MFR'S NO: | NO. OF CONTACTS | OUR NUMBER | PRICE EA. |
|-----------------|-----------------|------------|-----------|
| AN-3106B-20-27S | 14 | L-51 | 70¢ |

RGK

CONNECTORS

RWK

SERIES RGK Cannon Connectors.

Twelve contact male and female right angle type connector set. Chassis type receptacle and 90° cord plug.

Our Number L-18-19

Price per set \$1.00

SERIES RWK Cannon Connectors.

Three contact male and female right angle type connector set. Chassis type receptacle and 90° type cord plug.

Our Number L-16-40

Price per set 50¢

THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691

WIRE and CABLE

Hook-up and Lead Wires

RGU Transmission Line Cables

STRANDED HOOK-UP WIRE

| SIZE | DESCRIPTION | PER FT. | M.FT |
|------|---|---------|----------|
| 4 | Glass braid, green tracer on white | 12 | \$110.00 |
| 6 | Glass braid and cotton covered, red & white | 10 | 90.00 |
| 8 | Glass braid red/green/white | 9 | 80.00 |
| 10 | Glass braid, cotton & plastic covered | 06 | 50.00 |
| 12 | Glass braid blue | 04 | 30.00 |
| 14 | Glass braid, or cotton or plastic covered | 03 1/2 | 25.00 |
| 16 | Glass braid, or cotton or plastic covered | 02 | 15.00 |
| 18 | Glass braid, or cotton or plastic covered | 01 1/2 | 10.00 |
| 20 | Glass braid, or cotton or plastic covered | 01 | 7.50 |
| 22 | Glass braid, or cotton or plastic covered | 3/4 | 7.00 |
| 24 | Glass braid, or cotton or plastic covered | 3/4 | 7.00 |

Note—Wire ranging in size from 14 to 24 is available in the following colours, red, blue, white, black, yellow, green, brown, purple, red/white, black/white, green/white, yellow/white, blue/white tracer. The above applies both to solid and stranded hook-up wire. Choice of cotton, glass braid or plastic covered.

SOLID HOOK-UP WIRE

| SIZE | DESCRIPTION | PER FT. | M.FT |
|------|--|---------|-------|
| 14 | VHR 32, cotton cov. black/red/green, yellow/blue | 03 1/2 | 30.00 |
| 16 | Plastic covered, cotton, tracer | 02 1/2 | 20.00 |
| 18 | Plastic & cotton covered & tracer | 02 | 15.00 |
| 20 | Rubber, cotton, plastic & tracer | 01 | 7.50 |
| 22 | Plastic, cotton, glass braid, tracer | 3/4 | 6.50 |
| 24 | Plastic, cotton, glass braid, tracer | 3/4 | 6.50 |

LITZ WIRE

| SIZE | INSULATION | SPOOL | PRICE LB. |
|------------|---------------------|---------------|-----------|
| 3 x .0028 | Enamel, single silk | 1/4-1 lb. | 1.00 |
| 3 x #42 | Single silk | 1/4-1/2 lb. | 1.00 |
| 5 x .0031 | Double Wound silk | 1/2-1 1/2 lb. | 1.00 |
| 6 x #42 | Single wound silk | 1/4-1/2 lb. | 1.00 |
| 20 x #38 | Double acetate | 1-5 lb. | 1.00 |
| 15 x .0022 | Single silk | 1 lb. | 1.00 |

MAGNET WIRE

| | | | |
|-----|---------------------------|-------------|------|
| #28 | Double acetate insulation | 3-4 lb. | 1.00 |
| #29 | Single cotton covered | 2 lbs | 1.00 |
| #35 | Single glass silk | 1-2 lb. | 1.00 |
| #38 | Single glass silk | 1/4-1/2 lb. | 1.00 |
| #38 | Double acetate | 1/4 lb. | 1.00 |
| #42 | Single glass silk | 1/4-1 lb. | 1.00 |

* All LITZ wire is sold only in single unit spools the average weight of which is listed. Spool charge 15¢

BELDEN INTER-COMM AND SOUND SYSTEM CABLE

TYPE 8738: 22 A.W.G. tinned copper conductor, solid, .015 vinyl plastic insul. 2 conductors cabled, black and red. Tinned copper braid shield, .130" nom. diameter
Per foot 5¢ \$40.00 for M.ft.



RG-11/U

18 A.W.G., black vinyl plastic jacket. Imp. 75 Ohms. Polyethylene plastic insulation, bare copper braid shield. 7 x 26 stranded tinned copper conductor.

14¢ ft. — \$125.00 m.

RG-22/U

Inner conductor two 7/.0152. Inner shield is tinned copper. Nominal impedance 95 Ohms. Dielectric polyethylene. Outer cover standard black vinyl.

10¢ ft. — \$90.00 m.

RG-23/U

Inner conductor two 7/21. Nominal impedance is 125 Ohms. Polyethylene dielectric. Copper shielded.

22¢ ft. — \$200.00 m.

RG-35/U

Inner conductor #9 wire, nominal impedance 71 Ohms, copper shield, armoured cable outside dielectric armour. Max. operating voltage 10,000. Polyethylene dielectric.

23¢ ft. — \$210.00 m.

RG-59/U

22 A.W.G., bare copperweld solid conductor. Polyethylene plastic insulation. Bare copper braid shield. Black vinyl plastic jacket. Nominal impedance 73 Ohms.

6 1/2¢ ft. — \$55.00 m.

FEDERAL TYPE K-14

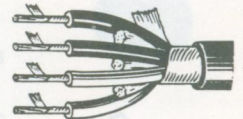
Community TV primary lead-in. #9 AWG soft copper. Polyethylene dielectric, #30 AWG soft copper braid. Grey vinyl jacket. Nominal impedance 71 Ohms. Nom. O.D. .870.

23 ft. — \$210.00 m.

SHIELDED TYPE K-14 CABLE

Similar to Type K-14, except for extra outer tinned copper braid shield. Identical spec.

23¢ ft. — \$210.00 m.



TV LEAD-IN CABLE

Community TV primary lead-in. Soft copper conductor. Polyethylene dielectric. #30 AWG soft copper braid inner shield. Black vinyl jacket.

6¢ ft. — \$55.00 m.



SHIELDED PHONO CABLE

Available in two types. Type 101 consists of single solid inner conductor and tinned copper shield. 3 1/2¢ - per foot

Type 102 — Same as above with insulated black vinyl jacket over shield.

5¢ per foot — \$45.00 m.

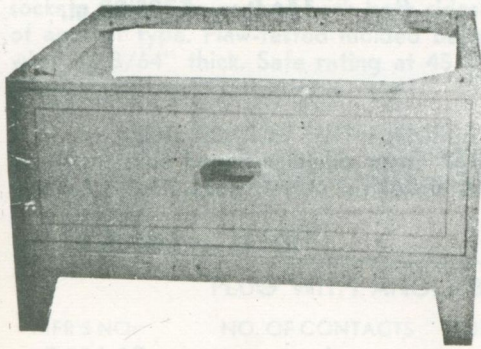


• Individually Cartoned

TELEVISION BASES

• Individually Cartoned

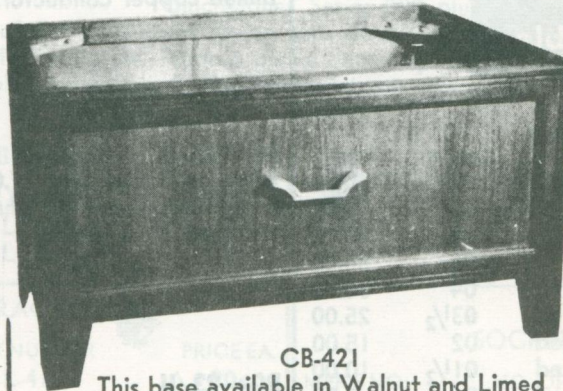
A rare selection of fine cabinets manufactured to the specifications of leading television manufacturers to match late model T.V. cabinet designs. Expert craftsmanship has gone into these bases giving a beautiful finish together with gold-flecked grille cloth which turns a table model T.V. set into an elegant console. For the Hi-Fi enthusiast one of these bases can be easily converted into a combination end-table (and or) speaker cabinet.



CB-121

This base available in LIMED OAK only. Dimensions: 25 1/2" x 20 3/4" x 15" Hi.

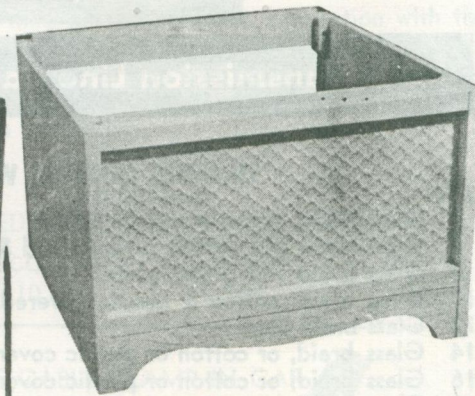
\$3.25 each



CB-421

This base available in Walnut and Limed OAK only. Dimensions: 26 1/2" x 19" x 15" Hi.

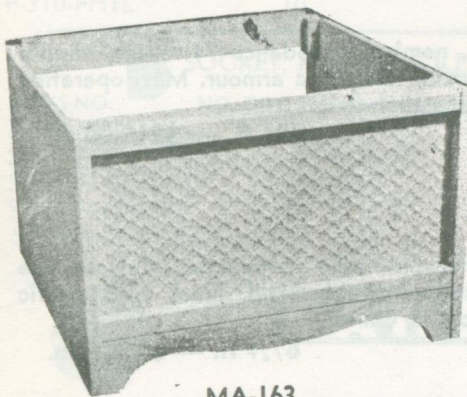
\$3.50 each



CB-178

This base available in LIMED OAK only. Dimensions: 19" x 18 3/4" x 15 1/4" Hi.

\$2.95 each

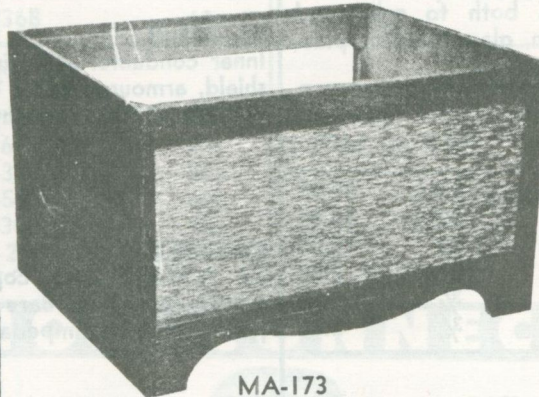


MA-163

This base available in LIMED OAK, WALNUT, and SILVER FOX*.

Dimensions: 19 1/4" x 19" x 15" Hi.

\$2.95 each



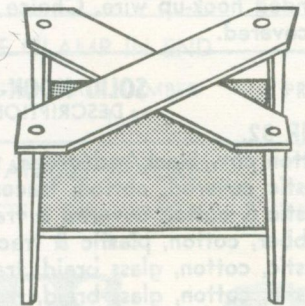
MA-173

This base available in LIMED OAK and SILVER FOX only.

Dimensions: 23 3/4" x 19 1/2" x 15" Hi.

\$3.25 each

*The Silver Fox is a black finish with a silver streak in it.

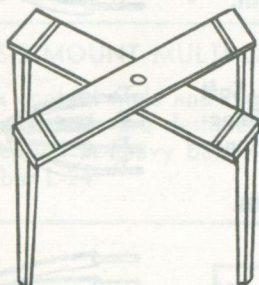


STD-210

This base consists of a crossed-leg table with a stabilizing shelf for magazines or records. Dark Mahogany and Limed Oak only. Dimensions: 19 1/2" x 15 3/4" x 19" Hi.

\$1.99 each

Custom-Styled to Please The Most Discriminating

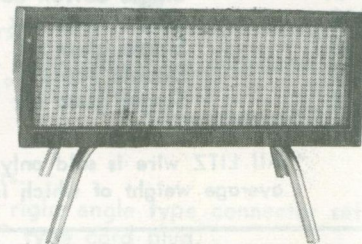


STD-70

This base consists of a cross-leg table for a smaller size T.V. set. Available in Walnut only. Dimensions: 16 1/2" x 16 1/2" x 18 5/8" Hi.

\$1.99 each

RCA VICTOR TELEVISION BASE



CABINET STYLING: Brass swivel legs and richly-textured grille cloth add a luxury touch. Appealingly fashioned in walnut, mahogany or limed oak grained finishes.

DIMENSIONS: 24-1/6" wide, 19 1/4" deep, 15" high. (For 21" sets).

\$4.75

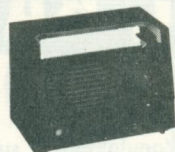
THE UNIVERSAL ELECTRIC COMPANY

REPLACEMENT RADIO CABINETS



#Q-521
Available in dark walnut only. Overall dimensions are 12" x 6 1/4" x 7" high.

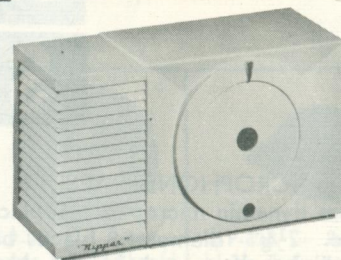
\$1.00



#S-6862
Available in dark walnut, gold edged dial opening.

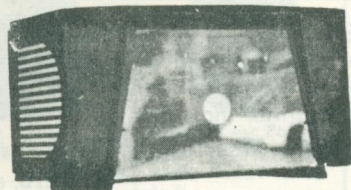
Dimensions are 12" x 7 1/4" x 8 3/4" high.

\$1.00



"Little Nipper" cabinets, available in terra-cotta, ivory and gray, 10 1/4 x 4 1/8 x 5 7/8.

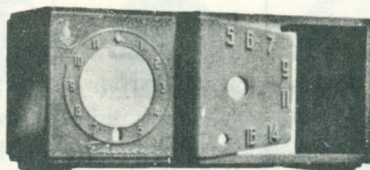
\$1.00



#3
Available in white, yellow, green, red and walnut.

Dimensions are 10 1/2" x 5" x 5-3/8" high.

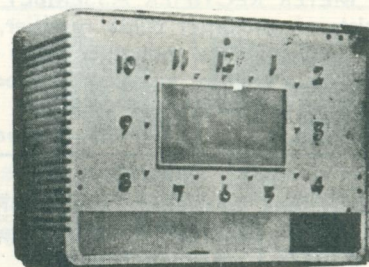
49¢



#4
Available in ivory, green and red. Gold edged station numerals.

Dimensions are 11" x 4 1/2" x 4 3/4" high.

49¢



#7
Dimensions are 10" x 4 1/4" x 6" high. Available in white, ivory, blue and green.

Dimensions are 9-7/8" x 5" x 7 3/4" high.

49¢

RADIO KNOBS - KITS

DIAL KNOBS

#P-86 — Ivory plastic dial knob. Circular, diameter 2 3/4", gold numerals standard broadcast band. Fits knurled 1/4" shaft.

25¢ each

#P-84C — Black plastic dial knob. Circular, diameter 2 3/4", white numerals, standard broadcast band. Fits knurled 1/4" shaft.

25¢ each

#P-85A — Clear plastic knob. Circular, diameter 3-1/8", black numerals, standard broadcast band, gold edged, fits standard 1/2" split type shaft.

25¢ each

#P-85B — Clear plastic dial knob. Circular, diameter 3-1/8", light brown numerals standard broadcast band. Gold edge. Fits 1/4" knurled shaft.

25¢ each

#P-69C — Clear plastic dial knob. Circular, diameter 3-1/8", white numerals, standard broadcast band. Gold edge. Fits standard 1/4" split type shaft.

25¢ each

#P-87A — White plastic dial knob. Circular, diameter 2-3/4", brown etched numerals, standard broadcast band. Fits 1/4" split type shaft.

25¢ each

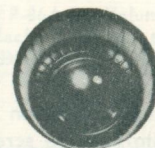


SET #P-57

Consists of a matched pair of radio knobs of brown bakelite.

Knobs fit standard 1/4" control shafts. Plain knurled volume and white Dot Pointer knob spring type.

20¢ per set



SET #P-61

Consists of a matched pair of radio knobs of black bakelite.

Knobs fit standard 1/4" control shafts. Round knurled volume knob and knurled moulded pointer knob. Spring type.

20¢ per set



DIAL KNOBS

P-87C — Portable radio dial knob. Available in maroon, gray and light brown. Gold numerals standard broadcast band. Diameter is 1-7/8", knob shank is 9/16" and the knob fits a 3/16" round shaft. Spring mount. Specify colour.

25¢ each

ASSORTED KNOBS

Service bench assortment of a wide variety of knobs, which includes modern designs and some older types. Fluted, long shank, knurled and pointer knobs in each assortment. Colours black, brown, ivory.

Assortment of 25 knobs \$1.25
Assortment of 100 knobs \$4.75

Universal Electric Co.

SPECIAL BARGAINS!

MICROPHONE CAPSULE

50 Ohm dynamic microphone replacement capsule. 2 1/8" diameter, black bakelite perforated half-case. Mfg. by Northern Electric.

Your cost 39¢ each or 3 for \$1.00

METER RECTIFIER ASSEMBLY

Consists of a copper oxide rectifier, coil, mica, and resistors mounted on a steel bracket as a unit for milliammeter rectification. Our part #ZA/CAN 1997.

60¢ each

BALL BEARINGS

BARDEN ball bearings. Type SR4K2. 2 bore, 1 O.D. Packaged in units of ten. Part #10373-1., ALT. G/G-1.

35¢ each

CANADIAN SKF ball bearing. Type EE-4. Outside diameter 1-1/8", inside diameter 1/2". Individually boxed.

40¢ each

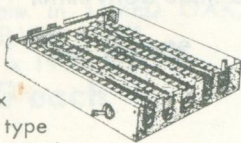
UTILITY CASES

Heavy Duty spare parts or hardware kit box. Made of heavy gauge steel and painted dull army green. Dimensions are 8-3/16" long x 4 1/2" wide x 2 1/2" high. Snap-on type lid is spill proof and is mounted on two sturdy hinges. Ideally suited for your odd parts or as a tool box for small screw drivers etc.

49¢ each

JUNCTION BOXES

Airforce junction box containing 80 screw type terminals, inter-connected and mounted in 5 strips of 16 terminals each. S.P.S.T. toggle switch included. All enclosed in a gray metal case size 10" x 8-1/2" x 2"



\$2.25 Ea.

PROTRACTORS

Chart plotters used in navigation. Can be used as a drafting set. Complete with mounting rod, and assembling hardware. 360 rotation locking knob for desired angle. Suitable for plants, schools, architectural drawing.

\$2.95 Ea.

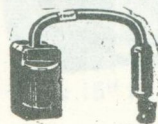
DIODES

DIODES: Manufacturer's surplus General purpose Rogers and GE diodes # G5S6, leads have been shortened by manufacturer for mounting in miniature circuits. SPECIAL 35¢ each or ten for \$3.00

Equivalent to 1 N 34



TELEPHONE ADAPTER ASSEMBLY



Telephone adapter assembly consisting of an adapter receptacle with a built-in UTC miniature transformer matching 2000 ohm to 50,000 ohm impedances. With 6 feet of phone cable and a PL-55 plug.

79¢ each

RCAF OXYGEN REGULATOR TYPE C-2

OXWELD oxygen regulator suitable for air, underwater or industrial application. RCAF Ref. #6D/373. Equipped with large oxygen flow regulator hexagon shaped manual control. Individually boxed by manufacturer. Original packing.

\$4.95 each

BENDIX IGNITION SWITCH

Type EP-E, Bendix Scintilla Ignition Switch Four position, Mag., Batt., Both, and Off. Ignition key is detachable at OFF position.

\$2.49 each

KONDU CONNECTION DEVICES

Kondu fitting part #N-1008, type #15078 coupler plug. Individually packed by Mfr.

\$12.50 each

Kondu fitting part #N-1016, type #3400 coupler plug. Individually packed.

\$12.50 each

PYLET fitting, catalogue #X2100 PEP. Individually packed.

\$2.50 each

VARIABLE R.F. CHOKE

Permeability tuned variable R.F. choke. Rated at 30 M.H., built to JAN spec. Equipped with small mounting plate and two threaded stand-off spacers.

Our #26066 49¢ each

GE RECTIFIER SPECIAL

2" diameter round selenium rectifier, rated at 2 Amp. at 24 volts.

\$2.75 each

COMPASSES

TYPE P4 All-purpose sensitive compass built for aircraft installation. Overall diameter 7 1/2" x 4" high. 360' sub-divided and adjustable direction indicator which can be fixed by-lever attachment. Point suspended cross pointer swimming in alcohol.

\$4.95 each

TYPE P6 Smaller version of the P4. Complete sub-divided 360' circle, adjustable to show direction taken at departure. Fixed position indicated by lever. Overall dimensions are 5 1/2" diameter x 2-7/8" high.

\$4.75 each

AIR CRAFT INSTRUMENTS

ALTIMETERS

ALTIMETER Type SAIL, Ref. #6AA-145, Calibrated 0-20 in 1000 ft. per. Thumb screw face adjustment.

95¢ each

ALTIMETER Type Mark XIII C, Ref. #6A-195, calibrated dual scale 0-30 in 1000 ft. per. Thumb screw face adjustment.

95¢ each

AIR SPEED INDICATOR, Kollsman, Ref. #6AA-304. Calibrated 0-250 M.P.H.

\$2.50 each

OXYGEN CYLINDER PRESSURE GAUGE, General Electric Type L-1, Ref. #60-328. Calibrated 0-1000-2000.

\$2.50 each

OXYGEN REGULATOR, Pioneer Type 2804-1A-A1, Pressure gauge 0-3000 lbs. per sq. inch, with danger zone indicated. Built-in altimeter 0-35 in 1000 ft. per. Knurled knob for oxygen flow control.

\$5.00 each

CURRENT RELAY (Starter Circuit), Auto Lite Type B-8, 24 Volt operation.

\$2.50 each

CYLINDER HEAD THERMOMETER, Sutton Horsley, Range 0-350' C, Ext. Resistance 8 Ohms, Ref. #6AA-487.

\$5.00

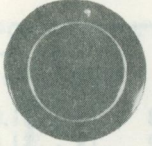

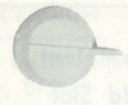

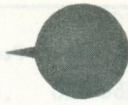
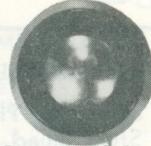
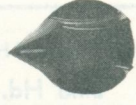


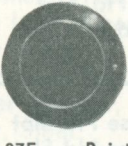













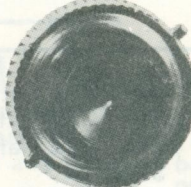










CARB TEMPERATURE METER, Weston, dual pointers giving readings on left and right, range 30-0-50 in degrees Centigrade.

\$3.50 each

NOTE—Instruments are new, individually boxed. Ref. Numbers are RCAF numbers.

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

RADIO AND TELEVISION KNOBS

| | | | | | | |
|---|---|---|---|--|--|--|
|  #P-69A — Pointer, brown bakelite, fits 3/16" split shaft. 10¢ |  #P-60B — Pointer, brown wood, gold inlay. Fits 3/16" split shaft. 10¢ |  #P-65 — Pointer, white plastic. Fits 3/16" shaft knurled type. 10¢ |  #P-74A — Pointer, 7/8" shank, brown bakelite, fits 3/16" shaft. 10¢ |  #P-88A — Pointer, yellow, red & green plastic. Fits 3/16" shaft. 25¢ |  #P-80 — Pointer, brown bakelite, gold inlay, 9/16" shank, 3/16" shaft. 25¢ |  #P-82B — Pointer, black bakelite, set screw type, fits 3/16" shaft. 15¢ |
|  #P-64B — Pointer, brown wood, fits 3/16" shaft. 10¢ |  #P-71D — Pointer, brown plastic, 7/16" shank, fits 3/16" shaft. 10¢ |  #P-87F — Pointer, brown bakelite, 1" shank, fits 3/16" shaft. 10¢ |  #P-70D — Pointer, shank 7/8", brown bakelite, fits 3/16" shaft. 15¢ |  #P-59B — Pointer, brown bakelite, silver inlay, fits 3/16" shaft. 10¢ |  #P-67B — Pointer, instrument knob, set screw type, fits 1/4" round shaft. 15¢ |  #P-67A — Pointer, black bakelite, set screw type. 1/4" shaft. 10¢ |
|  #P-66B — Knob, brown bakelite 1/2" shank, 3/16" shaft. 10¢ |  #P-70E — Knob, black bakelite, fits 3/16" shaft. 10¢ |  #P-56B — Switch knob, brown bakelite, fits 5/32" shaft. 7¢ |  #P-73C — Knob, brown bakelite, 1-1/8" shank, fits 3-16" shaft. 10¢ |  #P-55E — Volume, brown bakelite, 7/16" shank, fits 3/16" shaft. 20¢ |  #P-87D — Knob, gray plastic, 7/16" shank, fits 3/16" shaft. 10¢ |  #P-72A — Knob, brown plastic, 3/4" shank, 3/16" shaft. 10¢ |
|  #P-66D — Knob, brown bakelite, fits 3/16" shaft. 10¢ |  #P-83 Hi quality instrument knob. Moulded black bakelite with precision tooled brass insert tightening around shaft by means of Hexagon head set screw. Sharp black pointer. Fits 3/8" shaft. 75¢ | |  #Q-83 Standard auto radio tuning knob. Chromium plated metal body with black bakelite fingertip control. Fits round 5/32" car radio tuning shaft. 25¢ | |  #P-86A — Volume, black bakelite, set screw type. Fits 3/16" shaft. 10¢ | |
|  SET # 1 Matched set of V knobs for light and dark cabinet finishes. Luminous green numerals. Channel, Volume, On/Off and Fine Tuning. Fits standard TV shafts. 95¢ set |  SET # 2 Matched set of TV knobs for Volume, On/Off, Channel and fine tuning which fit standard control shafts. Set #2 for dark cabinet finishes. Gold inlay numerals. 95¢ set | |  |  | | |
|  #P-88B — Fits stand. TV shaft. Mahogany and blond, Volume, On/Off or Channel specify which. 30¢ |  #P-88D — Fits stand. TV shaft. Blond only for tuning only. Gold inlay. 25¢ |  #P-83B. — Fits stand. TV shaft. Mahogany only, gold inlay, channel or On/Volume — Specify which. 30¢ |  #P-89B — Fits stand. TV shaft. Brown and blond, On/Off and volume. Gold inlay. Give colour. 25¢ |  #P-88E — Fits stand. TV shaft. Brown and blond. Channel, gold numerals. Specify colour. 25¢ | NOTE: All knobs listed in this row on the left are the front part of the Standard TV dual control knob set, and do not comprise the large shaft, fine tuning part. | |



SCREWS



ROUND, SLOT CTSK. FLAT SLOT

CTSK. OVAL SLOT BINDING, SLOT

2-56

| Length | Type of Head | Metal & Finish | Our # | Per C | Per M | Length | Type of Head | Metal & Finish | Our # | Per C | Per M |
|--------|----------------|-----------------|---------|-------|--------|--------|----------------|-----------------|---------|-------|--------|
| 1/8" | Bind Hd. Slot | Steel Cad Plate | 256-020 | .12 | \$1.00 | 5/16" | Fill Hd Slot | Nickel Plate | 256-018 | .12 | \$1.00 |
| 5/32" | Fill Hd Slot | Steel Blued | 256-004 | .12 | \$1.00 | 5/16" | Fill Hd Slot | Brass Cad Plate | 256-022 | .18 | \$1.50 |
| 3/16" | Cheese Hd Slot | Steel | 256-006 | .12 | \$1.00 | 5/16" | Bind Hd Slot | Brass Cad Plate | 256-011 | .18 | \$1.50 |
| 3/16" | Cheese Hd Slot | Steel Cad Plate | 256-012 | .12 | \$1.00 | 5/16" | Ctsk Flat Slot | Brass Cad Plate | 256-014 | .18 | \$1.50 |
| 3/16" | Round Hd Slot | Brass Cad Plate | 256-013 | .18 | \$1.50 | 3/8" | Round Hd Slot | Steel Cad Plate | 256-007 | .12 | \$1.00 |
| 3/16" | Fill Hd Slot | Steel Cad Plate | 256-021 | .12 | \$1.00 | 3/8" | Round Hd Slot | Brass Cad Plate | 256-019 | .18 | \$1.50 |
| 1/4" | Round Hd Slot | Steel Cad Plate | 256-015 | .12 | \$1.00 | 3/8" | Bind Hd Slot | Brass Cad Plate | 256-025 | .18 | \$1.50 |
| 1/4" | Ctsk Flat Slot | Brass Cad Plate | 256-016 | .18 | \$1.50 | 3/8" | Bind Hd Slot | Brass Cad Plate | 256-027 | .18 | \$1.50 |
| 5/16" | Round Hd Slot | Brass Cad Plate | 256-001 | .18 | \$1.50 | 7/16" | Round Hd Slot | Brass Cad Plate | 256-009 | .18 | \$1.50 |

4-40

| | | | | | | | | | | | |
|-------|----------------|-----------------|---------|-----|--------|-------|----------------|-----------------|---------|-----|--------|
| 3/16" | Round Hd Slot | Brass Cad Plate | LM-1 | .20 | \$1.75 | 3/8" | Cheese Hd Slot | Brass Cad Plate | 440-012 | .20 | \$1.75 |
| 3/16" | Cheese Hd Slot | Steel | 440-027 | .15 | \$1.25 | 7/16" | Cheese Hd Slot | brass Cad Plate | 440-023 | .20 | \$1.75 |
| 1/4" | Round Hd Slot | Brass Cad Plate | 440-010 | .20 | \$1.75 | 1/2" | Ctsk Flat Slot | Brass Cad Plate | 440-014 | .20 | \$1.75 |
| 1/4" | Cheese Hd Slot | Brass Cad Plate | 440-021 | .20 | \$1.75 | 1/2" | Round Hd Slot | Steel Cad Plate | 440-006 | .15 | \$1.25 |
| 5/16" | Round Hd Slot | Brass Cad Plate | 440-016 | .20 | \$1.75 | 1/2" | Cheese Hd Slot | Brass Cad Plate | 440-001 | .20 | \$1.75 |
| 5/16" | Round Hd Slot | Steel Cad Plate | 440-011 | .15 | \$1.25 | 1/2" | Flat Hd Slot | Brass Cad Plate | 440-022 | .20 | \$1.75 |
| 5/16" | Flat Hd Slot | Steel Cad Plate | 440-025 | .15 | \$1.25 | 7/8" | Cheese Hd Slot | Brass Cad Plate | 440-017 | .20 | \$1.75 |

6-32

| | | | | | | | | | | | |
|-------|----------------|-----------------|---------|-----|--------|--------|---------------|-----------------|---------|-----|--------|
| 3/16" | Round Hd Slot | Steel Cad Plate | 632-070 | .20 | \$1.75 | 3/8" | Round Hd Slot | Steel Cad Plate | 632-004 | .25 | \$2.25 |
| 3/16" | Cheese Hd Sock | Steel Cad Plate | 524-020 | .20 | \$1.75 | 7/16" | Flat Hd Slot | Brass Cad Plate | 632-074 | .25 | \$2.25 |
| 1/4" | Round Hd Slot | Steel Cad Plate | 632-062 | .22 | \$2.00 | 5/8" | Flat Hd Slot | Brass Cad Plate | 632-021 | .25 | \$2.25 |
| 1/4" | Round Hd Slot | Brass Cad Plate | 632-047 | .22 | \$2.00 | 5/8" | Bind Hd Slot | Steel Cad Plate | 632-018 | .25 | \$2.25 |
| 1/4" | Hex Hd | Steel Cad Plate | 632-068 | .22 | \$2.00 | 3/4" | Flat Hd Slot | Steel Cad Plate | 632-080 | .25 | \$2.25 |
| 1/4" | Bind Hd Slot | Brass | 632-076 | .22 | \$2.00 | 15/16" | Flat Hd Slot | Brass Cad Plate | 632-055 | .25 | \$2.25 |
| 1/4" | Hex Hd | Steel Cad Plate | 632-077 | .22 | \$2.00 | 1" | Bind Hd Slot | Steel Cad Plate | 632-032 | .28 | \$2.50 |
| 1/4" | Ctsk Flat Slot | Steel Cad Plate | 632-079 | .22 | \$2.00 | 1-3/8" | Hex Hd | Steel Cad Plate | 632-012 | .28 | \$2.50 |
| 5/16" | Flat Hd Slot | Nickel Plate | 632-081 | .22 | \$2.00 | 1 1/2" | Flat Hd Slot | Brass Cad Plate | 632-078 | .28 | \$2.50 |
| 3/8" | Hex Hd | Steel | K-25 | .25 | \$2.25 | 1-5/8" | Round Hd Slot | Steel Cad Plate | 632-011 | .30 | \$2.75 |

8-32

| | | | | | | | | | | | |
|-------|---------------|-----------------|---------|-----|--------|--------|----------------|-----------------|---------|-----|--------|
| 3/16" | Hex Hd Slot | Steel Cad Plate | 78785-8 | .25 | \$2.25 | 1/2" | Ctsk Flat Slot | Steel Cad Plate | 520-600 | .28 | \$2.50 |
| 1/4" | Square Hd | Steel Cad Plate | 63486-2 | .25 | \$2.25 | 5/8" | Bind Hd Socket | Steel Cad Plate | 832-032 | .30 | \$2.75 |
| 5/16" | Flat Hd Slot | Steel Cad Plate | 832-001 | .25 | \$2.25 | 5/8" | Hex Hd Slot | Steel Cad Plate | J-32 | .30 | \$2.75 |
| 3/8" | Hex Hd | Steel | 99098-9 | .25 | \$2.25 | 5/8" | Hex Hd | Steel Cad Plate | 832-031 | .30 | \$2.75 |
| 3/8" | Round Hd Phil | Steel Cad Plate | J-17 | .25 | \$2.25 | 7/8" | Cheese Hd Slot | Brass Cad Plate | 832-021 | .32 | \$3.00 |
| 7/16" | Hex Hd Slot | Steel Cad Plate | 99098-1 | .28 | \$2.50 | 1" | Cheese Hd Slot | Brass Cad Plate | 832-002 | .30 | \$2.75 |
| 7/16" | Round Hd Slot | Steel Cad Plate | 574-581 | .28 | \$2.50 | 1 1/4" | Ctsk Flat Slot | Steel Cad Plate | N-37 | .32 | \$3.00 |

10-32

| | | | | | | | | | | | |
|-------|----------------|-----------------|---------|-----|--------|--------|---------------|-----------------|----------|-----|--------|
| 1/4" | Cheese Hd Sock | Steel Cad Plate | 520-010 | .30 | \$2.75 | 1/2" | Round Hd Sock | Steel Cad Plate | 520-020 | .32 | \$3.00 |
| 3/8" | Cheese Hd Sock | Steel Cad Plate | 520-039 | .30 | \$2.75 | 1" | Round Hd Slot | Steel Cad Plate | 1032-015 | .35 | \$3.25 |
| 7/16" | Round Hd Slot | Steel | L-51 | .32 | \$3.00 | 2 1/2" | Hex Hd. | Steel Cad Plate | 1032-014 | .40 | \$3.75 |

12-24

| | | | | | | | | | | | |
|------|--------------------|-----------------|----------|-----|--------|--------|--------------------|-----------------|----------|-----|--------|
| 3/8" | Ctsk. Flat Hd Slot | Brass Cad Plate | 1224-001 | .32 | \$3.00 | 3/4" | Ctsk. Flat Hd Slot | Steel Cad Plate | 1224-004 | .35 | \$3.25 |
| 1/2" | Bind Hd. Slot | Brass Cad Plate | 1224-003 | .32 | \$3.00 | 3/4" | Bind Hd Slot | Steel Cad Plate | 1224-006 | .35 | \$3.25 |
| 1/2" | Ctsk. Flat Hd Slot | Steel Cad Plate | 1224-005 | .32 | \$3.00 | 1 1/4" | Ctsk. Flat Hd Slot | Steel Cad Plate | 1224-007 | .40 | \$3.75 |

THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691

WASHERS

| FOR SCREW # | O. D. | DESCRIPTION | FINISH | OUR NUMBER |
|-------------|-------|---------------------------------|----------|------------|
| #2 | 3/16" | Internal Star Lockwasher, Steel | | 59049-617 |
| #2 | 7/32" | Plain Washer, Brass | | 82278-51 |
| #2 | 5/16" | Plain Washer, Steel | | 986848-1 |
| #4 | 3/16" | Split Lockwasher, Steel | Cadmium | 51955-001 |
| #4 | 1/4" | Internal Star Lockwasher, Steel | Cadmium | LM-K |
| #4 | 1/4" | Plain Washer, Fibre | | 725972-4 |
| #5 | 3/16" | Split Lockwasher, Steel | | 51955-003 |
| #5 | 1/4" | Split Lockwasher, Steel | Cadmium | 51955-006 |
| #5 | 1/4" | Split Lockwasher, Steel | Oxidised | 51955-004 |
| #6 | 1/4" | Internal Star Lockwasher, Steel | Cadmium | L-60-D |
| #6 | 1/4" | Plain Washer, Brass | | N-40-C |
| #6 | 5/16" | Plain Washer, Steel | | M-18 |
| #6 | 5/16" | Plain Shoulder Washer, Fibre | | 57436-24 |
| #6 | 3/8" | Plain Washer, Steel | Cadmium | 57428-4 |
| #6 | 3/8" | Circle Spring Washer, Steel | | 986854-1 |
| #6 | 3/8" | Plain Shoulder Washer, Fibre | | 100472-3 |
| #6 | 1/2" | Plain Washer, Steel | Cadmium | 1-30-B |
| #8 | 1/4" | Split Lockwasher, Steel | | 59048-4 |
| #8 | 9/32" | Split Lockwasher, Steel | Cadmium | 59048-404 |
| #8 | 3/8" | Plain Shoulder Washer, Fibre | | 100472-4 |
| #10 | 3/8" | Wave Washer, Copper | | 7257-400 |
| #10 | 3/8" | Plain Washer, Brass | | K-55-G |
| #10 | 3/8" | Plain Washer, Fibre | | M-33 |
| #10 | 1/2" | Plain Washer, Fibre | | 860618-22 |
| #10 | 1/2" | Plain Washer, Steel | Cadmium | 57428-21 |
| #10 | 1/2" | Wave Washer, Brass | | L-37-A |
| #10 | 5/8" | Plain Washer, Steel | | 540-020 |
| 1/4" | 7/16" | Plain Washer, Bakelite | | 920489-2 |
| 1/4" | 1/2" | Plain Washer, Brass | Cadmium | K-52-A |
| 1/4" | 5/8" | Internal Star Lockwasher, Brass | Nickel | 59049-172 |
| 1/4" | 5/8" | Plain Washer, Steel | Cadmium | 57428-8 |

All Washers

15¢

per

Hundred

\$1.25

per

Thousand


Radio Hardware

Fifty assorted wood screws in all sizes and lengths. Excellent assortment for mounting escutcheons, dial plates, speakers and other radio accessories.



20¢ per asst.

Assorted speed nuts. Fifteen self-locking easily mounted nuts in sizes ranging from #4 to #10.




10¢ per asst.

SNAP-IN TRIMOUNTS
One hundred mounting spuds. Two sizes in each assortment. Used in mounting loop antennas and masonite baffles.




90¢ per asst.

Thirty-six assorted cotter pins for a variety of mechanical uses. Three popular sizes.




15¢ per asst.

Set screws, Assortment of twenty-five frequently used sizes, For knobs bushings, shaft couplers etc.




30¢ per asst.

Assorted terminal lugs. Wide variety for soldering on terminal boards, electrical connections.




Asst. of 100 - 25¢
Asst. of 1000 - \$2.25

Assortment of fifteen expansion and compression springs. For record changers dials, and condenser drums.




30¢ per asst.

Special assortment of popular size rivets and eyelets. Ideal for socket mounting, terminal boards, electrical work. Fifty per assortment.




20¢ per asst.

Tuning slugs. A special asst. of iron core slugs. Used in fine coil tuning on radios and T.V. Twenty-five frequently required sizes.




\$1.00 per pkg

Snap hole plugs. Ten assorted snap hole plugs in three useful sizes.




15¢ per asst.

Assorted metal spacers selected to fit #6, #8, and #10 screws. Brass and steel, plain and cad plated. 100 per pkg




75¢ per pkg.

T.V. spade lug assortment. Fifty spade lugs with plain metal and plastic insulated ends. For wire ranging from #20 to #14 AWG.




30¢ per asst.

Plastic cable clamp assortment. Consists of five types of cable and wire clamps to take heavy co-ax up to the smallest phono lead. Total of 25 clamps.



35¢ per asst.

Dial pointer assortment. Ten assorted dial pointers, straight types and others designed for curved dials. Different lengths and colours to fit most standard dials.



45¢ per asst.

UNIVERSALS POLICY
THE FINEST OF MERCHANDISE
AT THE LOWEST PRICES.



Slotted Head



Slotted Head

HARDENED SELF-TAPPING Sheet Metal Screws

TYPE Z

STEEL SHEET METAL SCREWS: TYPE "Z" (as illustrated)

SIZE 6

TYPE F

| Length | Type of Head | Metal & Finish | Our # | Per C | Per M | Length | Type of Head | Metal & Finish | Our # | Per C | Per M |
|--------|----------------|-----------------|---------|-------|--------|--------|----------------|-----------------|---------|-------|--------|
| 1/4" | Hex. Hd. Slot | Steel Cad Plate | 633-001 | .20 | \$1.75 | 3/8" | Rd. Hd. Socket | Steel Cad Plate | 633-004 | .25 | \$2.25 |
| 1/4" | Hex Hd. | Steel Cad Plate | 633-002 | .20 | \$1.75 | 1/2" | Ctsk Flat Slot | Steel Cad Plate | 633-005 | .25 | \$2.25 |
| 1/4" | Ctsk Flat Slot | Steel Cad Plate | 633-003 | .20 | \$1.75 | 3/4" | Hex Hd. Slot | Steel Cad Plate | 633-008 | .25 | \$2.25 |

SIZE 8

| | | | | | | | | | | | |
|------|------------------|-----------------|---------|-----|--------|------|-----------------|-----------------|---------|-----|--------|
| 1/4" | Round Hd Slot | Steel Cad Plate | 833-002 | .25 | \$2.25 | 3/8" | Hex Hd. | Steel Cad Plate | 833-007 | .25 | \$2.25 |
| 1/4" | Hex Hd. Slot | Steel Cad Plate | 833-003 | .25 | \$2.25 | 3/8" | Bind Hd. Socket | Steel Cad Plate | 833-009 | .25 | \$2.25 |
| 1/4" | Hex Head | Steel Cad Plate | 833-004 | .25 | \$2.25 | 1/2" | Hex Hd. Slot | Steel Cad Plate | 833-011 | .28 | \$2.50 |
| 1/4" | Binding Hd. Slot | Steel Cad Plate | 833-006 | .25 | \$2.25 | 3/4" | Hex Head | Steel Cad Plate | 833-014 | .28 | \$2.50 |

STEEL SELF-TAPPING SHEET METAL SCREWS TYPE F

SIZE 6

| | | | | | | | | | | | |
|------|----------------|-----------------|---------|-----|--------|------|---------------|-----------------|---------|-----|--------|
| 1/4" | Round Hd. Slot | Steel Cad Plate | 634-001 | .20 | \$1.75 | 1/2" | Bind Hd. Slot | Steel Cad Plate | 634-003 | .25 | \$2.25 |
| 1/4" | Hex Hd. Slot | Steel Cad Plate | 634-003 | .20 | \$1.75 | 3/4" | Round Hd Slot | Steel Cad Plate | 634-005 | .28 | \$2.50 |

SIZE 8

| | | | | | | | | | | | |
|------|--------------|-----------------|---------|-----|--------|------|---------------|-----------------|---------|-----|--------|
| 3/8" | Hexagon Head | Steel Cad Plate | 834-001 | .25 | \$2.25 | 3/4" | Round Hd Slot | Steel Cad Plate | 834-002 | .28 | \$2.50 |
|------|--------------|-----------------|---------|-----|--------|------|---------------|-----------------|---------|-----|--------|

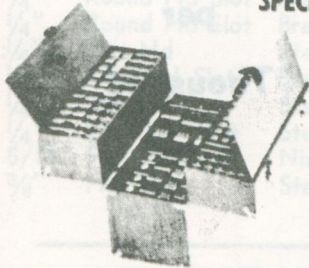
SIZE 10

| | | | | | | | | | | | |
|------|---------------|-----------------|----------|-----|--------|--------|------------|-----------------|----------|-----|--------|
| 1/2" | Round Hd Slot | Steel Cad Plate | 1034-001 | .30 | \$2.75 | 1 1/2" | Hexagon Hd | Steel Cad Plate | 1034-002 | .35 | \$3.25 |
|------|---------------|-----------------|----------|-----|--------|--------|------------|-----------------|----------|-----|--------|

SPECIAL TUBE CADDY

ACCESSORIES

ANTENNA "SPECIAL"



High quality serviceman's tube caddy. Brown or black leatherette finish. Reinforced corners. Dims. 14 1/2" high x 16 1/2" long x 8 1/4" wide. Molded handle. Specify colour.

\$10.75 each

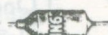
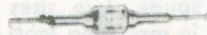


An eight section telescoping antenna for portable sets. Extended length is 54", and it collapses to 10". Made of high quality brass tubing to JAN specification, it has a smooth gray finish. Originally designed for receivers operating at 21 MC.

Special \$1.69 each

DIODES

BROWN ROTOR WIRE



| TYPE | MANUFACTURER | PRICE |
|-------|-----------------------|-------|
| IN34 | Raytheon | 59¢ |
| IN60 | Kemtron | 69¢ |
| IN64 | General Electric | 59¢ |
| IN87G | General Electric | 59¢ |
| G5S6 | General Purpose Diode | 59¢ |

Flat brown polyethylene insulated rotor wire. Individual conductors are highly flexible stranded copper wire, one conductor tinned. Type #645 4 rotor flat — #22 ga. brown, normally on 1 M. ft. reels.

Price 3 1/2¢ per foot, or \$30.00 M. feet

FEATURE VALUES



Type 39001. Flexible Millen Coupling. Special anti backlash design. Serviceable operator torques of six inch-pounds or less. Insulated universal joint. For 1/4" shaft.

.25 Ea.

COIL ASSORTMENT

An assortment of 12 oscillator and Antenna coils for operation with 456 and 462 KC I.F.'s and working with 180 MMF tuning condensers.

\$1.00 per asst.

SUB-MINIATURE PLUG-IN UNITS

For FM Receiver/X'mitter. Each unit consists of one of the following tubes IAD4, 5672 or 5678 together with the corresponding miniature circuitry the whole being no bigger than an ordinary min. tube. The following self-contained circuits-units are available: RF oscillator RF Amplifier, IF Amplifier AF Amplifier and the Output X'Former. With a complete set of these a portable operated receiver can easily be built.

Your Cost 50¢ per unit

PHONE

WIRE

WRITE

THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691

Page 39

CHECK

ALL ITEMS

CAREFULLY



ROUND



TRUSS

RIVETS



FLAT



COUNTERSUNK

| LENGTH | DIA. | HEAD TYPE | METAL & FINISH | DESCRIPTION | OUR NUMBER | PER C | PER M |
|--------|-------|-------------|----------------------|---------------|------------|-------|--------|
| 1/16" | 1/8" | Countersunk | Aluminium | Solid Tubular | 101-058 | .20 | \$1.50 |
| 1/16" | 3/16" | Round | Brown Oxidised | Solid Tubular | 101-101 | .20 | \$1.50 |
| 1/8" | 1/16" | Round | Aluminium | Solid Tubular | 101-053 | .20 | \$1.50 |
| 1/8" | 1/16" | Round | Brass | Solid Tubular | 101-105 | .20 | \$1.50 |
| 1/8" | 1/4" | Flat | Aluminium | Solid Tubular | 101-102 | .20 | \$1.50 |
| 1/8" | 1/4" | Countersunk | Brass | Solid Tubular | 101-106 | .20 | \$1.50 |
| 3/16" | 1/16" | Round | Aluminium | Solid Tubular | 101-041 | .20 | \$1.50 |
| 3/16" | 1/16" | Round | Steel | Solid Tubular | 101-044 | .20 | \$1.50 |
| 3/16" | 1/16" | Countersunk | Aluminium | Solid Tubular | 101-054 | .20 | \$1.50 |
| 3/16" | 1/16" | Flat | Aluminium | Solid Tubular | 101-080 | .20 | \$1.50 |
| 3/16" | 1/8" | Round | Aluminium | Solid Tubular | 101-088 | .20 | \$1.50 |
| 3/16" | 3/16" | Round | Aluminium | Solid Tubular | 101-099 | .20 | \$1.50 |
| 1/4" | 1/16" | Round | Aluminium | Solid Tubular | 101-050 | .22 | \$1.75 |
| 1/4" | 1/8" | Flat | Aluminium | Solid Tubular | 101-049 | .22 | \$1.75 |
| 5/16" | 1/16" | Round | Aluminium | Solid Tubular | 101-036 | .22 | \$1.75 |
| 5/16" | 1/8" | Round | Aluminium | Solid Tubular | 101-064 | .22 | \$1.75 |
| 5/16" | 1/4" | Round | Brass | Solid Tubular | 101-091 | .22 | \$1.75 |
| 9/16" | 1/8" | Flat | Steel | Solid Tubular | 101-034 | .25 | \$2.00 |
| 9/16" | 1/8" | Flat | Steel Cadmium Plated | Solid Tubular | 101-066 | .25 | \$2.00 |

Semi-Tubular

| | | | | | | | |
|-------|-------|-------------|---------------------|-------------------|----------|-----|--------|
| 1/16" | 1/16" | Truss | Brass Nickel Plated | Semi-Tubular | 101-024N | .20 | \$1.50 |
| 1/16" | 1/16" | Truss | Brass | Semi-Tubular | 101-024 | .20 | \$1.50 |
| 1/16" | 3/16" | Round | Brass | Semi-Tubular | 101-107 | .20 | \$1.50 |
| 3/16" | 1/16" | Truss | Steel | Semi-Tubular | 101-014 | .20 | \$1.50 |
| 3/16" | 1/16" | Truss | Brass | Semi-Tubular | 101-019 | .20 | \$1.50 |
| 3/16" | 1/16" | Oval | Brass | Semi-Tubular | 101-097 | .20 | \$1.50 |
| 3/16" | 1/8" | Truss | Steel | Semi-Tubular | 101-030 | .20 | \$1.50 |
| 1/4" | 1/16" | Truss | Brass | Semi-Tubular | 101-018 | .22 | \$1.75 |
| 1/4" | 1/16" | Round | Brass | Semi-Tubular | 101-092 | .22 | \$1.75 |
| 1/4" | 1/8" | Truss | Steel | Semi-Tubular | 101-007 | .22 | \$1.75 |
| 1/4" | 1/8" | Truss | Brass | Semi-Tubular | 101-008 | .22 | \$1.75 |
| 1/4" | 1/8" | Countersunk | Brass | Semi-Tubular | 101-009 | .22 | \$1.75 |
| 5/16" | 1/16" | Truss | Brass | Semi-Tubular | 101-016 | .22 | \$1.75 |
| 5/16" | 1/8" | Truss | Brass | Shoulder Type S:T | 101-003 | .22 | \$1.75 |
| 5/16" | 1/8" | Oval | Brass | Semi-Tubular | 101-103 | .22 | \$1.75 |
| 3/8" | 1/16" | Truss | Steel | Semi-Tubular | 101-026 | .22 | \$1.75 |
| 3/8" | 1/8" | Truss | Steel Lead Plated | Semi-Tubular | 101-002 | .22 | \$1.75 |
| 3/8" | 1/8" | Truss | Brass | Semi-Tubular | 101-006 | .22 | \$1.75 |
| 3/8" | 1/8" | Truss | Steel Cad Plated | Semi-Tubular | 101-013 | .22 | \$1.75 |
| 9/16" | 1/8" | Truss | Steel | Semi-Tubular | 101-029 | .25 | \$2.00 |
| 3/4" | 1/16" | Binding | Brass | Semi-Tubular | 101-033 | .25 | \$2.00 |

RUBBER GROMMETS

| INSIDE DIA. | OUTSIDE DIA. | THICKNESS | OUR # | PER C | PER M | INSIDE DIA. | OUTSIDE DIA. | THICKNESS | OUR # | PER C | PER M |
|-------------|--------------|-----------|-------|--------|---------|-------------|--------------|-----------|-------|-------|--------|
| 3/16" | 5/8" | 3/8" | R-33 | 90¢ | \$8.00 | 1/8" | 1/4" | 3/16" | R-30 | 90¢ | \$8.00 |
| 3/16" | 3/4" | 1/2" | R-33A | 90¢ | \$8.00 | 3/16" | 3/8" | 3/16" | R-30A | 90¢ | \$8.00 |
| 1/4" | 1 1/16" | 1/2" | R-35 | \$1.20 | \$10.00 | 3/16" | 3/8" | 3/8" | R-31 | 90¢ | \$8.00 |
| 1/4" | 1 1/16" | 7/16" | R-37 | \$1.20 | \$10.00 | 3/16" | 7/16" | 1/2" | R-30B | 90¢ | \$8.00 |
| 1/4" | 3/4" | 5/16" | R-36 | \$1.20 | \$10.00 | 3/16" | 1/2" | 3/8" | R-32 | 90¢ | \$8.00 |
| 5/16" | 3/4" | 3/8" | R-34 | \$1.20 | \$10.00 | 3/16" | 5/8" | 5/16" | R-32A | 90¢ | \$8.00 |

RUBBER GROMMET ASSORTMENT: Assortments consist of five sizes of pure gum and black rubber grommets.
 ASST. #68 Consists of twelve assorted rubber grommets..... 18¢ Asst.
 ASST. #69 Consists of thirty assorted rubber grommets..... 35¢ Asst.
 ASST. #70 Consists of one hundred rubber grommets..... \$1.00 Asst.

RUBBER FEET ASSORTMENT: This is an assortment of specially selected rubber chassis and cabinet feet. It consists of twenty four feet, four of each of six different types, which will fit a wide selection of cabinet or chassis sizes. Mostly black rubber, some white. 30¢ per asst.

THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

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NATIONALLY-FAMOUS

CLOCK RADIOS

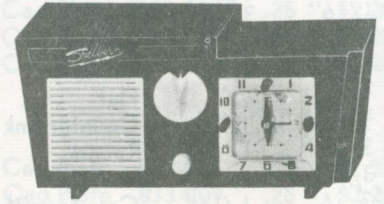
TABLE MODEL RADIOS IN THREE DISTINCTIVE STYLES

VELVET-VOICE RADIOS

SUPER-POWERFUL **CLOCK-RADIO** FEATURES FAMOUS TELECHRON CLOCK-TIMER!

A proven performer featuring the finest in radio entertainment at a price which makes this clock radio a terrific value. A rare combination of long distance reception, extraordinary performance and the most modern cabinet design. An advanced type of superhet circuit with five tubes including rectifier. Cabinet design features sweeping lines and is available in maroon, turquoise, coral, sand, ivory and grey to match any interior decorative scheme. Telechron's self starting clock operates on three positions, on, off, and automatic. Radio can be pre-set twelve hours in advance and will operate an appliance for which an AC outlet is provided of 600 watt maximum rating. CSA approved.

Your cost \$28.95

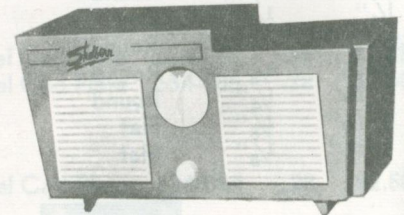


MODEL 55C

UNMATCHED VALUE!

A trim and compact mantel or table radio with all the features of higher priced models. Five tube circuit with conveniently located V-type tuning knob. Well-balanced tonal quality, sensitive volume control. Colours available are maroon, turquoise, coral, sand, ivory and grey. Operates on 117 Volt - 60 cycles. Built-in loop antenna for better and clearer reception. Full approval of Canadian Standards Association.

Your cost \$22.95

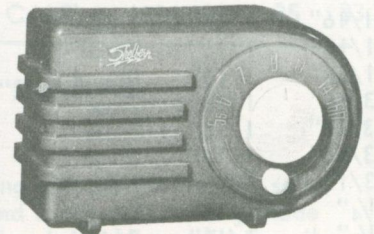


MODEL 55PM

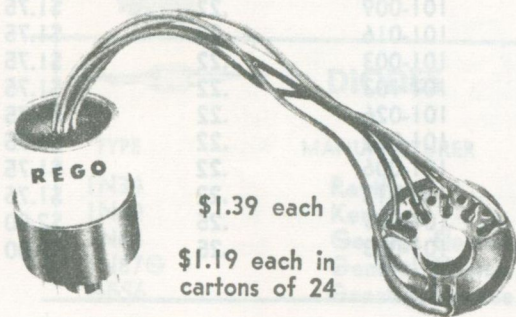
GIANT VALUE!

A small all-purpose radio which has better quality, more power and is priced at much less than comparable sets on the market. Trouble-free, simple four tube design, with a large easy to read dial knob covering fully the standard broadcast band from 550 to 1720 Kcs. Built-in loop antenna for the best reception results and a fine quality speaker matching the radio's fine performance characteristics. Available in the following colours: - White, green, ivory, red, blue, maroon, walnut with different colour knobs perfectly matched for a pleasing two tone effect.

Your cost \$16.00



MODEL 44



\$1.39 each
\$1.19 each in cartons of 24

6 WIRE PARALLEL & SERIES TUBE BRIGHTENERS

FOR PARALLEL CIRCUITS
"MODEL TB6W"

A 6 WIRE PARALLEL
FOR SERIES CIRCUITS
"MODEL TBS"

BE SURE TO SPECIFY
TYPE WHEN YOU ORDER

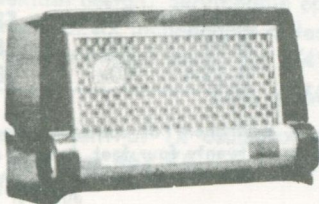
Parallel — Electrastic — Electromagnetic — A 6 wire combination type booster to fit most requirements for condition where a booster is needed. Individually packed in an attractive 2 color box.

FITS ALL SIZE PICTURE TUBES
BRIGHTENS OLD & WEAK PICTURE TUBES
SIMPLE TO INSTALL — PROVEN RESULTS

Servicemen need carry only 1 model to replace the 3 or 4 types needed previously.

INDIVIDUALLY PACKED IN ATTRACTIVE 2 COLOR BOX
24 TO A SHIPPING CARTON

CABINET SPECIAL !

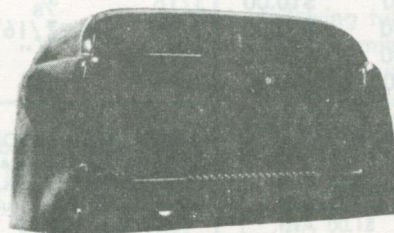


No. 6

Available in maroon only. Dim. Approx 8 3/4" x 4 1/2" x 5 5/8". Less baffle front.

#6 - 39¢

CABINET SPECIAL !



No. 8

Available in dark walnut and ivory. Dim. approx. 12" x 7 3/8" x 5 3/4" high.

#8 - 39¢

"UNIVERSAL" HAS
THE FASTEST
SERVICE



GEIGER COUNTERS



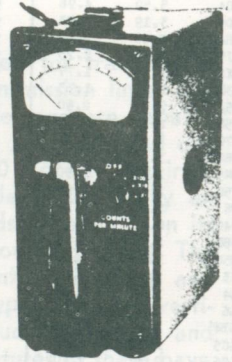
**3 COUNTING RANGES: 0-100;
0-1,000; 0-10,000 CPM**

The WF-10A is a lightweight, compact portable instrument suitable for the amateur prospector. It's as simple to operate as a portable radio. The WF-10A has three counting ranges calibrated at 0-100, 0-1000, and 0-10,000 counts per minute (CPM). The complete unit measures 7³/₄" x 8¹/₂" x 3¹/₂" and weighs only 5 pounds together with all batteries. The WF-10A indicates the presence of radioactivity in three distinct ways: by sensitive meter which registers relative intensity in CPM, by neon light which flickers at the rate at which CPM are being registered, and by light-weight headphone which gives the operator a clear audible clicking signal. The WF-10A is housed in a weatherproof aluminium case which is easily decontaminated by simply wiping it with a damp cloth. The instrument uses widely available portable radio batteries. Approximately 200 hours of intermittent operation are obtained from two 67¹/₂ Volt batteries, and about 50 hours from three 1¹/₂ Volt flashlight batteries. Replacement is simple with schematic diagram provided on inside of case. The WF-10A comes complete with all tubes, carrying strap and headphone. Each unit is equipped with a brochure on the "do's" and "don't's" of prospecting. Individually packed.

\$35.00

RCA
GEIGER COUNTER

WF-10A



- 3-way indication—meter, neon flasher, and headphone
- Supplied complete—ready for prospecting
- Handy zero-reset button
- Easy-to-decontaminate case

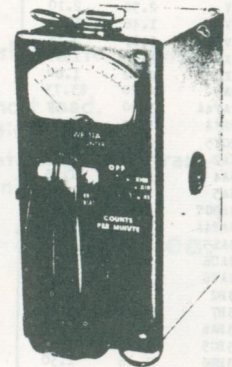
USES EXTRA-SENSITIVE BISMUTH-TYPE GEIGER-COUNTER TUBE

The WF-11A is a wider range Geiger Counter similar to the WF-10A. It is a portable highly dependable unit which employs an extra-sensitive bismuth type counter tube. Operation is as simple as that of a portable radio. The entire instrument is housed in a weather-proof case which is easy to decontaminate by simply wiping it with a damp cloth, and is built to withstand rugged outdoor use required of a prospecting instrument. It gives immediate indication of the presence of radioactive material or mineral in three ways. Relative intensity is registered on a 'counts per minute' meter which has a three multiple scale control and a Zero-reset button allowing for accurate CPM ratings and sample tests. A flickering neon light and a headphone registering sharp clicks are the other two means of detection. Economical operation is obtained from two 67¹/₂ Volt radio batteries and three 1¹/₂ Volt flashlight batteries which give you 200 and 50 hours of intermittent service respectively. The RCA WF-11A is supplied to you complete with all tubes, carrying strap, headphone and a brochure on prospecting compiled by the US Atomic Energy Commission.

\$40.00

WF-11A

- Compact, portable, completely self-contained
- Three counting ranges: 0-200; 0-2,000; 0-20,000 CPM
- Lightweight weather-proof aluminum case



USES EXTRA-SENSITIVE BISMUTH-TYPE GEIGER-COUNTER TUBE IN EXTERNAL PROBE

The WF-14A is an external probe type of geiger counter. It is designed for surface, fissure and drill-hole prospecting. The probe is equal in sensitivity to the built-in bismuth-type geiger counter tube. The WF-14A is simple to operate and is in service with professional and amateur prospectors. Easy to decontaminate by simply wiping the all metal weather-proof case with a damp rag. Three counting ranges, 0-200, 0-2000 and 0-20,000 counts per minute (CPM) which are registered on a CPM-meter equipped with a zero-reset button. Flashing neon light and clicking in headphone give indication of radioactivity. Battery operation giving the same economical service as the WF-10A and the WF-11A. The unit weighs 5 pounds complete, measures 7" x 8¹/₂" x 4¹/₂" and is supplied with external probe and cord, carrying strap, all tubes and headphone.

\$47.50

WF-14A

RCA
GEIGER COUNTER

- Provided with detachable external probe
- Extension cable up to six feet may be added
- 3 counting ranges: 0-200; 0-2,000; 0-20,000 CPM



**BUY THESE SUPER QUALITY ITEMS
at the LOWEST PRICE EVER OFFERED!**

RADIO TUBE PRICE LIST

| Type | 1-5 | 6 and over | Type | 1-5 | 6 and over | Type | 1-5 | 6 and over | Type | 1-5 | 6 and over | Type | 1-5 | 6 and over | Type | 1-5 | 6 and over |
|---------|--------|------------|----------|--------|------------|--------------|--------|------------|---------|--------|------------|----------------|--------|------------|----------------|--------|------------|
| 0A4G | \$2.44 | \$2.17 | 5AN8 | \$2.62 | \$2.33 | 6BP5 | \$1.84 | \$1.63 | 6SA7 | \$1.91 | \$1.70 | 12AW6 | \$2.14 | \$1.90 | 17DQ6A | \$3.22 | \$2.87 |
| 024 | 1.24 | 1.10 | 5AQ5 | 1.50 | 1.33 | 6BP6 | 1.35 | 1.20 | 6SA7GT | 2.10 | 1.87 | 12AX4GTA | 1.84 | 1.63 | 17H3 | 1.24 | 1.10 |
| 024A | 1.65 | 1.47 | 5AS4 | 1.39 | 1.23 | 6BG6G | 4.61 | 4.10 | 6SB7Y | 3.19 | 2.83 | 12AX7 | 1.72 | 1.53 | 18A5 | 2.89 | 2.57 |
| 024G | 1.54 | 1.37 | 5AS8 | 2.51 | 2.23 | 6BG6GGA | 4.61 | 4.10 | 6SC7 | 2.21 | 1.97 | 12A27 | 4.20 | 3.73 | 19AU4 | 2.51 | 2.23 |
| 1A5GT | 1.87 | 1.67 | 5AT8 | 2.17 | 1.93 | 6BH6 | 1.80 | 1.60 | 6SD7GT | 2.81 | 2.50 | 12A27 | 2.17 | 1.93 | 19AU4GT | 2.55 | 2.27 |
| 1A6 | 2.66 | 2.37 | 5AU4 | 2.59 | 2.30 | 6BHH | 2.36 | 2.10 | 6SP5 | 1.87 | 1.67 | 12B4 | 1.95 | 1.73 | 19AU4GTA | 2.51 | 2.23 |
| 1A7GT | 2.17 | 1.93 | 5AV8 | 2.62 | 2.33 | 6BJ6 | 1.72 | 1.53 | 6SP5GT | 1.87 | 1.67 | 12B4A | 2.06 | 1.83 | 19BG6G | 5.10 | 4.53 |
| 1AD4 | 5.59 | 4.96 | 5AW4 | 2.10 | 1.87 | 6BJ7 | 2.10 | 1.87 | 6SP7 | 2.51 | 2.23 | 12B4E | 1.39 | 1.23 | 19BG6GA | 4.61 | 4.10 |
| 1AD5 | 3.19 | 2.83 | 5AZ4 | 1.72 | 1.53 | 6BF8 | 2.06 | 1.83 | 6SG7 | 2.17 | 1.93 | 12B4F | 2.59 | 2.30 | 19B6 | 2.21 | 1.97 |
| 1AH4 | 2.40 | 2.13 | 5BB | 2.62 | 2.33 | 6BK5 | 2.44 | 2.17 | 6SH7 | 2.51 | 2.23 | 12B6 | 1.57 | 1.40 | 19B6GT | 2.59 | 2.30 |
| 1AJ5 | 2.51 | 2.23 | 5BB8 | 2.44 | 2.17 | 6BK7A | 2.59 | 2.30 | 6SJ7 | 1.84 | 1.63 | 12B6E | 1.46 | 1.30 | 19B8 | 2.59 | 2.30 |
| 1AX2 | 1.99 | 1.77 | 5BB8A | 2.62 | 2.33 | 6BK7B | 2.59 | 2.30 | 6SK7 | 1.80 | 1.60 | 12B6G | 1.24 | 1.10 | 24A | 2.51 | 2.23 |
| 1B3GT | 1.95 | 1.73 | 5BK7A | 2.66 | 2.37 | 6BL4 | 4.65 | 4.13 | 6SK7GT | 1.99 | 1.77 | 12B6H | 2.02 | 1.80 | 25BK5 | 2.51 | 2.23 |
| 1B5/25S | 2.92 | 2.60 | 5BQ7A | 2.66 | 2.37 | 6BL4 | 4.65 | 4.13 | 6SL7GT | 2.44 | 2.17 | 12BK5 | 2.51 | 2.23 | 25BQ6GA/25CU6 | 3.37 | 3.00 |
| 1C5GT | 2.40 | 2.13 | 5BR8 | 2.51 | 2.23 | 6BL7GT | 2.89 | 2.57 | 6SN7GTB | 1.72 | 1.53 | 12EL6 | 1.61 | 1.43 | 25BQ6GT | 3.37 | 3.00 |
| 1C7G | 2.66 | 2.37 | 5BT8 | 2.51 | 2.23 | 6BN4 | 1.84 | 1.63 | 6SQ2T | 1.54 | 1.37 | 12EM6 | 2.21 | 1.97 | 25BQ6GTB/25CU6 | 3.07 | 2.73 |
| 1D6GT | 3.86 | 3.43 | 5CG8 | 2.17 | 1.93 | 6BN6 | 2.21 | 1.97 | 6SQ7GT | 1.72 | 1.53 | 12BQ6GA | 3.34 | 2.97 | 25C5A | 1.84 | 1.63 |
| 1DN5 | 1.69 | 1.50 | 5CL8 | 2.40 | 2.13 | 6BQ6GA | 3.19 | 2.83 | 6SR7 | 1.72 | 1.53 | 12BQ6GA/12CU6 | 3.34 | 2.97 | 25C5A | 4.16 | 3.70 |
| 1PF6 | 2.14 | 1.90 | 5DHB | 2.70 | 2.40 | 6BQ6GTA | 2.89 | 2.57 | 6SS7 | 2.21 | 1.97 | 12BQ6GTA | 3.34 | 2.97 | 25C5B | 4.27 | 3.80 |
| 1RF5 | 3.56 | 3.17 | 5J6 | 1.87 | 1.67 | 6BQ6GTB/6CU6 | 2.89 | 2.57 | 6ST7 | 2.32 | 2.07 | 12BQ6GTB | 3.34 | 2.97 | 25C5C | 4.27 | 3.80 |
| 1G4GT | 1.95 | 1.73 | 5R4GY | 3.15 | 2.80 | 6BQ7A | 2.62 | 2.33 | 6SV7 | 3.00 | 2.67 | 12BQ6GTB/12CU6 | 3.04 | 2.70 | 25D6 | 3.22 | 2.87 |
| 1G5G | 2.70 | 2.40 | 5T4 | 4.54 | 4.03 | 6BR8 | 2.44 | 2.17 | 6S27 | 2.21 | 1.97 | 12B7 | 1.91 | 1.70 | 25E6C | 4.16 | 3.70 |
| 1H5GT | 1.80 | 1.60 | 5T8 | 2.59 | 2.30 | 6BS8 | 2.59 | 2.30 | 6T4 | 3.00 | 2.67 | 12B7E | 2.21 | 1.97 | 25F5 | 1.35 | 1.20 |
| 1J5 | 2.02 | 1.80 | 5U4G | 1.39 | 1.23 | 6BS8 | 2.59 | 2.30 | 6T8 | 2.59 | 2.30 | 12B7F | 2.29 | 2.03 | 25L6 | 3.79 | 3.37 |
| 1L4 | 1.91 | 1.70 | 5U4GA | 1.54 | 1.37 | 6B8U | 2.10 | 1.87 | 6T8A | 2.59 | 2.30 | 12B7G | 2.10 | 1.87 | 25L6GT | 1.50 | 1.33 |
| 1L6 | 2.40 | 2.13 | 5U4GB | 1.39 | 1.23 | 6BV8 | 2.32 | 2.07 | 6U5 | 2.02 | 1.80 | 12C5 | 1.54 | 1.37 | 25W4GT | 1.91 | 1.70 |
| 1LB4 | 2.89 | 2.57 | 5U8 | 2.25 | 2.00 | 6BY6 | 1.69 | 1.50 | 6U7G | 2.02 | 1.80 | 12C5/12CU5 | 1.54 | 1.37 | 25W6GT | 2.32 | 2.07 |
| 1L05 | 2.59 | 2.30 | 5V3 | 2.44 | 2.17 | 6BZ6 | 1.54 | 1.37 | 6U8 | 2.02 | 1.80 | 12C8 | 3.64 | 3.23 | 25Z5 | 2.02 | 1.80 |
| 1L06 | 2.70 | 2.40 | 5V4G | 2.10 | 1.87 | 6BZ7 | 2.70 | 2.40 | 6UBA | 2.44 | 2.17 | 12CA5 | 1.65 | 1.47 | 25Z6GT | 2.02 | 1.80 |
| 1L05 | 2.70 | 2.40 | 5V4GA | 2.33 | 2.07 | 6C4 | 1.20 | 1.07 | 6V3A | 3.30 | 2.93 | 12CN5 | 1.54 | 1.37 | 26 | 1.72 | 1.53 |
| 1LE3 | 2.70 | 2.40 | 5V6GT | 1.69 | 1.50 | 6C5 | 1.91 | 1.70 | 6V6 | 3.22 | 2.87 | 12CR6 | 1.69 | 1.50 | 27 | 1.69 | 1.50 |
| 1LH4 | 2.59 | 2.30 | 5W4 | 1.39 | 1.23 | 6C5GT | 1.76 | 1.57 | 6V6GT | 1.46 | 1.30 | 12CT8 | 2.85 | 2.53 | 31 | 2.40 | 2.13 |
| 1LN5 | 2.59 | 2.30 | 5X4G | 1.69 | 1.50 | 6C6 | 2.59 | 2.30 | 6V8 | 3.11 | 2.77 | 12CU5 | 1.54 | 1.37 | 32L7GT | 1.76 | 1.57 |
| 1N5GT | 2.40 | 2.13 | 5X8 | 2.40 | 2.13 | 6C8G | 3.56 | 3.17 | 6W4GT | 1.61 | 1.43 | 12CU6 | 3.34 | 2.97 | 33 | 2.66 | 2.37 |
| 1P5GT | 2.32 | 2.07 | 5Y3G | 1.16 | 1.03 | 6CA5 | 1.84 | 1.63 | 6W6GT | 1.91 | 1.70 | 12CX6 | 1.69 | 1.50 | 35/51 | 2.02 | 1.80 |
| 1Q5GT | 2.51 | 2.23 | 5Y3GT | 1.12 | 1.00 | 6CB5 | 5.10 | 4.53 | 6W7G | 2.36 | 2.10 | 12D4 | 2.10 | 1.87 | 35A5 | 2.29 | 2.03 |
| 1R4 | 2.59 | 2.30 | 5Y4GT | 1.50 | 1.33 | 6CB5A | 5.10 | 4.53 | 6X4 | 1.09 | .97 | 12DB5 | 2.10 | 1.87 | 35B5 | 1.69 | 1.50 |
| 1R5 | 1.76 | 1.57 | 5Z3 | 1.91 | 1.70 | 6CB6 | 1.54 | 1.37 | 6X5GT | 1.27 | 1.13 | 12DK7 | 2.32 | 2.07 | 35C5 | 1.46 | 1.30 |
| 1S2A | 1.54 | 1.37 | 5Z4 | 3.19 | 2.83 | 6CB6A | 1.54 | 1.37 | 6X8 | 2.36 | 2.10 | 12DL8 | 2.59 | 2.30 | 35W4 | .97 | .87 |
| 1S4 | 2.32 | 2.07 | 6A3 | 3.45 | 3.07 | 6CD6G | 4.16 | 3.70 | 6Y6G | 2.40 | 2.13 | 12DQ6 | 3.22 | 2.87 | 35Y4 | 1.84 | 1.63 |
| 1S5 | 1.50 | 1.33 | 6A7 | 2.81 | 2.50 | 6CD6GA | 4.35 | 3.87 | 6Y6GA | 2.40 | 2.13 | 12DQ6A | 2.92 | 2.60 | 35Z3 | 1.84 | 1.63 |
| 1T4 | 1.65 | 1.47 | 6A8 | 2.70 | 2.40 | 6CE5 | 1.69 | 1.50 | 6Y6GT | 3.44 | 2.17 | 12DV8 | 2.89 | 2.57 | 35Z5GT | 1.16 | 1.03 |
| 1U4 | 1.61 | 1.43 | 6A8G | 2.70 | 2.40 | 6CE5/6BC5 | 1.69 | 1.50 | 6ZY5G | 2.17 | 1.93 | 12EA6 | 1.72 | 1.53 | 36 | 2.40 | 2.13 |
| 1U5 | 1.42 | 1.27 | 6A8GT | 2.47 | 2.20 | 6CF6 | 1.84 | 1.63 | 7A4 | 2.14 | 1.90 | 12EG6 | 1.69 | 1.50 | 37 | 1.54 | 1.37 |
| 1V | 2.36 | 2.10 | 6A8A | 1.50 | 1.33 | 6CG7 | 1.69 | 1.80 | 7A5 | 2.44 | 2.17 | 12EL6 | 1.31 | 1.17 | 38 | 1.95 | 1.73 |
| 1V2 | 1.46 | 1.30 | 6AB5/6N5 | 2.59 | 2.30 | 6CG8 | 2.14 | 1.90 | 7A6 | 2.10 | 1.87 | 12EM6 | 2.25 | 2.00 | 39/44 | 2.36 | 2.10 |
| 1V6 | 3.07 | 2.73 | 6A7 | 3.26 | 2.90 | 6CG8A | 2.14 | 1.90 | 7A7 | 2.17 | 1.93 | 12F8 | 1.99 | 1.77 | 42 | 1.87 | 1.67 |
| 1X2A | 2.21 | 1.97 | 6AC5GT | 2.85 | 2.53 | 6CH8 | 2.70 | 2.40 | 7A8 | 2.51 | 2.23 | 12H6 | 1.99 | 1.77 | 45 | 1.99 | 1.77 |
| 1X2B | 2.02 | 1.80 | 6AC7 | 2.62 | 2.33 | 6CL6 | 2.74 | 2.43 | 7AD7 | 4.12 | 3.67 | 12J5 | 1.76 | 1.57 | 46 | 1.76 | 1.57 |
| 2A3 | \$4.20 | \$3.73 | 6AD7G | 3.86 | 3.43 | 6CL8 | 2.36 | 2.10 | 7AF7 | 2.44 | 2.17 | 12J5GT | 1.76 | 1.57 | 45Z5GT | 1.50 | 1.33 |
| 2AP4A | 3.00 | 2.67 | 6AP4 | 3.00 | 2.67 | 6CM6 | 1.84 | 1.63 | 7AG7 | 2.51 | 2.23 | 12J7GT | 2.32 | 2.07 | 47 | 2.51 | 2.23 |
| 2BN4 | 1.84 | 1.63 | 6AP4A | 3.00 | 2.67 | 6CM7 | 1.84 | 1.63 | 7AU7 | 1.72 | 1.53 | 12J8 | 2.59 | 2.30 | 49 | 4.39 | 3.90 |
| 2CY5 | 2.10 | 1.87 | 6AP6G | 2.51 | 2.23 | 6CN7 | 1.69 | 1.50 | 7B4 | \$1.99 | \$1.77 | 12K5 | \$2.02 | \$1.80 | 49 | \$2.36 | \$2.10 |
| 3A2 | 2.59 | 2.30 | 6AG5 | \$1.65 | \$1.47 | 6C08 | \$2.44 | \$2.17 | 7B5 | 1.95 | 1.73 | 12K7GT | 2.21 | 1.97 | 50 | 4.54 | 4.03 |
| 3A4 | 1.72 | 1.53 | 6AG7 | 3.22 | 2.87 | 6CR6 | 1.69 | 1.50 | 7B6 | 2.17 | 1.93 | 12K8 | 2.77 | 2.47 | 50R1 | 2.32 | 2.07 |
| 3A5 | 2.14 | 1.90 | 6AH4GT | 2.29 | 2.03 | 6CS6 | 1.54 | 1.37 | 7B7 | 2.17 | 1.93 | 12K8GT | 2.51 | 2.23 | 50A5 | 2.29 | 2.03 |
| 3A8GT | 4.24 | 3.77 | 6AH6 | 3.15 | 2.80 | 6C87 | 1.91 | 1.70 | 7B8 | 2.32 | 2.07 | 12L6GT | 1.61 | 1.43 | 50B5 | 1.69 | 1.50 |
| 3AP4A | 3.00 | 2.67 | 6AJ4 | 3.75 | 3.33 | 6C05 | 1.69 | 1.50 | 7C4 | 3.22 | 2.87 | 12Q7GT | 2.10 | 1.87 | 50C5 | 1.46 | 1.30 |
| 3AL5 | 1.24 | 1.10 | 6AJ5 | 7.05 | 6.27 | 6C06 | 3.19 | 2.83 | 7C5 | 2.10 | 1.87 | 12R5 | 1.84 | 1.63 | 50CG6 | 2.77 | 2.47 |
| 3AU6 | 1.42 | 1.27 | 6AK4 | 4.99 | 4.43 | 6C07 | 2.10 | 1.87 | 7C6 | 2.17 | 1.93 | 12SA7 | 1.91 | 1.70 | 50L6GT | 1.61 | 1.43 |
| 3AV6 | 1.16 | 1.03 | 6AK5 | 3.34 | 2.97 | 6C07 | 2.17 | 1.93 | 7C7 | 2.06 | 1.83 | 12SC7 | 2.21 | 1.97 | 50X6 | 2.14 | 1.90 |
| 3B2 | 4.01 | 3.57 | 6AK6 | 2.06 | 1.83 | 6C0Z5 | 2.10 | 1.87 | 7E5 | 2.59 | 2.30 | 12SF5 | 1.76 | 1.57 | 50Y6GT | 1.91 | 1.70 |
| 3B7 | 4.99 | 4.43 | 6AL5 | 1.20 | 1.07 | 6D4 | 4.91 | 4.37 | 7E6 | 2.59 | 2.30 | 12SF5GT | 1.91 | 1.70 | 70L7GT | 5.89 | 5.23 |
| 3BA6 | 1.54 | 1.37 | 6AL7GT | 3.60 | 3.20 | 6D6 | 2.36 | 2.10 | 7F7 | 2.89 | 2.57 | 12SF7 | 2.51 | 2.23 | 71A | 1.80 | 1.60 |
| 3BC5 | 1.54 | 1.37 | 6AM4 | 4.42 | 3.93 | 6D6E | 1.61 | 1.43 | 7T7 | 2.44 | 2.17 | 12SG7 | 2.10 | 1.87 | 75 | 2.14 | 1.90 |
| 3BE6 | 1.46 | 1.30 | 6AM8 | 2.17 | 1.93 | 6D6GT | 1.84 | 1.63 | 7P8 | 3.04 | 2.70 | 12SH7 | 2.25 | 2.00 | 76 | 1.27 | 1.13 |
| 3BN4 | 1.84 | 1.63 | 6AN8 | 2.36 | 2.10 | 6DQ6 | 3.19 | 2.83 | 7Q7 | 2.51 | 2.23 | 12SJ7 | 1.84 | 1.63 | 78 | 2.21 | 1.97 |
| 3BN6 | 2.29 | 2.03 | 6AQ5 | 1.46 | 1.30 | 6DQ6A | 2.89 | 2.57 | 7H7 | 2.70 | 2.40 | 12SJ7GT | 1.69 | 1.50 | 79 | 2.36 | 2.10 |
| 3BU8 | 2.14 | 1.90 | 6AQ6 | 1.50 | 1.33 | 6DT6 | 1.42 | 1.27 | 7J7 | 3.37 | 3.00 | 12SK7 | 1.80 | 1.60 | 80 | 1.35 | 1.20 |
| 3BY6 | 1.72 | 1.53 | 6AQ7GT | 2.55 | 2.27 | 6E5 | 2.06 | 1.83 | 7K7 | 2.89 | 2.57 | 12SK7GT | 1.99 | 1.77 | 81 | 4.05 | 3.60 |

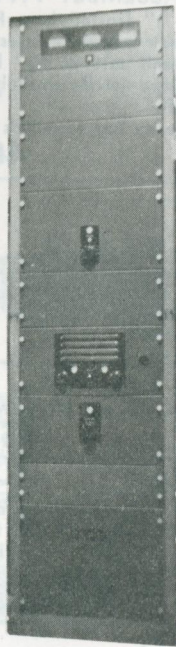
THE UNIVERSAL ELECTRIC COMPANY

The Electronic Surplus House of Canada

1432 St. Lawrence Blvd. • Montreal • Tel. V1ctor 5-4403 - 2691

POWER LINE CARRIER BAYS # R4957C

GENERAL DESCRIPTION: These Power Line Carrier are intended for transmission and reception of voice and telemetering signals over power transmission lines. The bays have a nominal output of more than 50 watts of carrier power and are capable of complete modulation. The frequency range is normally 140 to 200 Kc/s and can be lowered to the lower frequencies in the neighbourhood of 70 Kc/s if required. The outside dimensions are 83-1/8" high x 22" wide x 15 1/4" deep. Generally an additional 4" depth in the front should be allowed for the handset hanging on its mount, when this is required. The rack provides 77" of panel mounting space. The cabinet of the bay is an all steel welded sheet metal cabinet, ventilated at top and rear by louvre openings. All chassis are of the depressed panel type, mounted vertically. Accessibility to all components, preset adjustments to preclude tampering and easy removal of individual panels for inspection are some of the features of these bays.



Front View

DESCRIPTION OF OPERATION: R4957C is normally used for operation in conjunction with Power Line Carrier Communication. The equipment can be used over open wire telephone circuits. The simplest method of coupling the Power Line Carrier to a power line is by means of inductive antenna coupling to the path of transmission. With telephone lines antenna coupling or capacity coupling can be used. The chief factor in the design of this equipment is that it is used for Simplex Operation i.e. press to talk on single frequency.

CONTROL AND OPERATION:

- Local Simplex.
- Remote (telephone switchboard) duplex when terminals are assigned to different carrier frequencies.

OUTPUT COUPLING: Antenna or capacitor fed indoors or by short lead.

ADDITIONAL FUNCTIONS: Telemetering, load control, protective relaying.

PANELS: (Top to bottom) Meter panel, Antenna Tuning Unit, Matching Unit, Transmitter, Modulator, Control Unit, Receiver, Hybrid Unit, Power Unit.

Power Line Carrier Bays # R4957C

\$375.00 ea.

PORTABLE POWER LINE CARRIER

R4958A: This Portable Power Line Carrier Unit is a 5 Watt amplitude modulated crystal controlled radio transmitter, and a 4 tube T.R.F. fixed frequency radio receiver, all combined in a compact portable carrying case and a battery box. It is intended for use by maintenance crews on power lines equipped with power line carrier. Provides constant communication with main stations during repair or inspection.

FREQUENCY RANGE: Any single frequency between 149 and 190 KC.

FREQUENCY CONTROL: 6A quartz plate ensuring high stability.

POWER OUTPUT: The carrier output of the transmitter is 5 Watts and is capable of 100% modulation.

Portable Power Line Carrier

\$115.00 ea.

NOTE: All the above-mentioned equipment the R4957C and the R4958A are shipped with complete description and installation instructions.

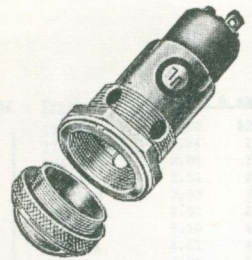
CALL ON "UNIVERSAL" FOR YOUR REPLACEMENT NEEDS

THE UNIVERSAL ELECTRIC COMPANY



Dial and Jewel

PILOT LIGHT ASSEMBLIES



PILOT LIGHT ASSEMBLY TYPE 1

For standard miniature filament type single contact bayonet base bulbs, as in fig. 1. Variable intensity controlled by mechanical dimmer incorporated into assembly. Requires a 5/8" hole in panel for mounting, 1/2" depth behind panel. Dual solder lug contacts. Smooth frosted lens in red or green, please specify.

25¢ each

JAN TYPE PILOT LIGHT ASSEMBLY

JAN type, surface mount panel pilot light assembly. Clear plastic jewel, black bakelite assembly body. For standard miniature screw base bulbs. Surface mounting is tapped for two screws at 1-3/8" centres. Two solder type lugs for contacts. Requires 7/8" hole in panel, 5/8" panel depth.

20¢ each

PILOT LIGHT ASSEMBLY TYPE 2

Features a smooth 1" frosted lens. For 6-6 lamps with double contact bayonet bases. Requires a 1" mounting hole and extend 1/2" behind panel. Screw-on type frosted jewels available in red or clear, please specify.

Two solder type heavy lug terminals for contacts.

40¢ each

DO NOT FAIL TO SPECIFY COLOR OF JEWELS — PRICES DO NOT INCLUDE BULBS.



Bayonet Type Socket Assemblies

ASSEMBLY # F-48-A

Twin lead bayonet base socket assembly, with one 2" lead and one 11" lead. Socket body is insulated.

10¢ each

ASSEMBLY # F-48-B

Twin lead bayonet base socket assembly, with one 2" and one 18" lead. Socket body is insulated.

10¢ each

ASSEMBLY # F-48-D

Twin lead, insulated socket body assembly with two 8 1/2" leads and slip-on type mounting clip.

12¢ each

ASSEMBLY # F-49-A

Single lead bayonet base socket assembly, with a 6" cotton covered lead and a slip-on chassis mounting clip. Bare metal socket.

8¢ each

ASSEMBLY # F-50

Single lead bayonet type base socket assembly with one 8" plastic covered lead, bare metal socket with a slip-on type chassis mounting clip.

8¢ each

ASSEMBLY # F-48-E

Single lead bayonet type socket assembly, with one 9" lead, bare metal socket equipped with a tapped chassis mounting bracket.

8¢ each



ASSEMBLY # F-51-B

2 Leads, 27" Each, Plastic Covered Black Bakelite Insulated Socket. Chassis Mounting Clip.

15¢ each

ASSEMBLY # F-51-C

Two Sockets in series 9" Twin lead between sockets. Overall Lead Length 18" Twin Black Bakelite Insulated Sockets. Chassis Mounting Clips on each socket.

Assembly 20¢ each

ASSEMBLY # F-53

Four Sockets in Series Single Lead, Overall Length 42" 8" between first two sockets, 15" Between Socket 2 & 3 8" Between Socket 3 & 4. Mounting Clip on each socket.

Assembly 25¢ each



Pilot Lamps



BAYONET BASE PILOT LAMP MAZDA 1813

12-16 Volts, .10 Amps — 6¢ each or \$5.00 in lots of 100

BAYONET BASE PILOT LAMP MAZDA 1818

24 Volts, .17 Amps. — 6¢ each or \$5.00 in lots of 100

SCREW BASE PILOT LAMP MAZDA 1446

12 Volts, .20 Amps. — 6¢ each or \$5.00 in lots of 100

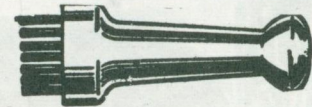
SCREW BASE PILOT LAMP G.E. No. 1487

12-16 Volts, .20 Amps. — 6¢ each or 59¢ in lots of 100 — \$5.75

GENERAL ELECTRIC NEON GLOW LAMP



Lamp number NE-53, watt rating 1/4, circuit voltage 105-125, bulb type T-4 1/2, candelabra bayonet base, with resistance. Packaged in units of ten. — Your cost 25¢ each, or \$2.00 per box of ten.



MINIATURE SOCKET WIRING PLUG

Manufactured by Sebco. Greatest aid in soldering miniature 7 pin sockets, a must for all serviceman.
Price 12¢ ea. - Box of 10 \$1.00

TO OUR CUSTOMERS...

This is our 1958 Catalogue. It has been compiled with one end in view, "Which is the continued satisfaction and interest of all our customers." We have endeavoured to include in these pages those items out of our large stock which are likely to be of the greatest interest to you. May we remind you, that when ordering please print clearly your name and address and give us all the pertinent shipping instructions. Should the latter be lacking we shall ship via the quickest and least costly service. Whenever possible help us to serve you by indicating catalogue page or stock numbers of material required.

DUE TO THE COST OF HANDLING, WHICH IS A LARGE FACTOR ON SMALL ORDERS, IT IS NECESSARY FOR US TO APPLY MINIMUM VALUE OF \$1.00 TO ANY ORDER.

AUTO ANTENNA

"for top performance"



UNIVERSAL ALL PURPOSE AUTO RADIO ANTENNA

This antenna has been designed to meet the requirements of all cars. It features a new swivel type ball joint that can be revolved in an almost complete circle allowing the antenna to be mounted at ANY angle in keeping with modern car styling. The chrome plated brass tubing with three telescoping dipoles opens to 57". Among slip or turn. Quick and easy mounting on fender, cowl and roof. Outstanding reception in any weather . . . anywhere.

Your cost \$2.85

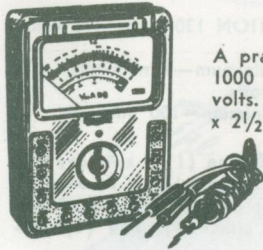
TELEGRAPH PRACTICE SET



Telegraph key and Edwards Buzzer practice set mounted on insulating bakelite base measuring 7 3/4" x 3 3/4". Adjustable tension military practice key hooked up with clear tone buzzer. Operating voltage range between 4 and 12 volts. Buzzer equipped with tone adjustment screw. Individually packed.

Your cost complete set \$1.95 each

NEW POCKET AC-DC VOM MULTITESTER



A practical buy for the serviceman, the amateur or the hobbyist. This is a complete and sensitive multitester equipped with a 1000 volt per ohm rectangular meter. AC and DC ranges. Scales readings cover 0-150 Ma, 0-100K ohms, 0-15, 0-150 and 0-1000 volts. Built in precision resistors accurate to 1%. Accurate microamp movement. Each unit is individually boxed. Dimensions 4" x 2 1/2" x 1 1/4".

\$8.95 each

MINIATURE SPEAKERS

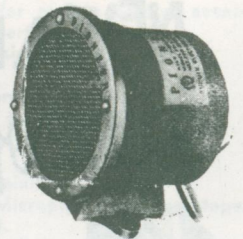
2 1/2" SPEAKER WITH HOUSING

Multi purpose remote speaker. Fully enclosed 2 1/2" extension speaker. Maroon plastic case with grille, built-in miniature plug receptacle and plug supplied with speaker. Can be used as extension or auxiliary speaker for your radio T.V. set, intercomm or record player. Overall dimension 3" x 2 3/4" x 1-3/8". Voice coil impedance is 3.2 Ohms. Each speaker is individually packaged and is wrapped in moisture resistant plastic.

\$3.30 each

TWEETER

High quality imported tweeters for custom built Hi-Fi systems. Crossover at 3000 Cy. Encased in handsomely finished metal. Specifications: Nominal size 3", O.D. 2-7/8" depth 2-9/16", baffle open 2-9/32", frequency range 3000-16,000 Cy., maximum power 20 watts, Voice coil impedance either 8 or 16 ohms. Please specify which impedance you prefer. Models PT-1 & PT-1B.



\$4.95 each

LOW IMPEDANCE PILLOW SPEAKER



The WHISPER pillow speaker is designed to emit no sound waves but conducts directly to the auditory nerves in the brain via the skull. The speaker can be utilized to serve those with impaired hearing or can be placed under the pillow of those with normal hearing allowing them to listen to radio or TV programs without disturbing or awaking others. Hook-up instructions supplied.

2 1/2" diameter **\$3.30**

HIGH EFFICIENCY SUB-MINIATURE SPEAKER

This imported 2" diameter speaker is specifically designed for portable radios and transistor sets. Fully enclosed magnet, tapped frame for easy mounting. Individually packed.

\$3.00 each

TRANSISTOR SET P.M. LOUDSPEAKER

World's smallest speaker. Only 1 1/2" in diameter x 15/16" deep. Ideal for transistor radios and all subminiature circuits or portable sets. Model J-105.

\$2.40 each

MAGNET

Manufactured by Cinaudagraph Corp.

Cat. No. 44-5250
Type 63c525
C.F.S. 5182 Gauss
Weight 10 lbs.



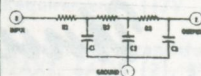
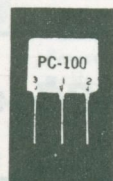
Gap 5/8" Width 5-1/4" max.
Height above mounting base 4-5/8"

Brass mounting base 5/8" high. Width of base 2-1/8" Length of base 3" New manufacturers individually packed used on Radar sets, Etc.

Price \$6.95

PRINTED CIRCUITS

CENTRALAB & ERIE
VERTICAL INTEGRATORS



R₁ = 22K
R₂ = 8.2K
R₃ = 8.2K
C₁ = 2000 mmf.
C₂ = 5000 mmf.
C₃ = 5000 mmf.

PC-100 #100 .35 each
VERTICAL INTEGRATOR #106 .35 each
AEROVOX HI Q
88001671 as used by Dumont and others
HI Q #PA102 35¢
Assortment of 5 — \$1.50

35¢

AMPRO

TAPE RECORDERS

DATA CHART

HI-FI TWO-SPEED
model 758 tape recorder

| TAPE SPEED | 3 3/4 i.p.s. | 7 1/2 i.p.s. |
|--|---|---|
| FREQUENCY RESPONSE | 40-6000 cps. | 40-15000 cps. |
| RECORDING & PLAYBACK TIME (Dual Track) | 600-ft. reel—1hr. 1200-ft. reel—2hrs. 1800-ft. reel—3hrs. | 600-ft. reel—1/2 hr. 1200-ft. reel—1 hr. 1800-ft. reel—1 1/2 hrs. |

AUTOMATIC TAPE TRANSPORT SHUT-OFF Instantly stops tape travel when tape has run completely through recorder or if tape breaks.

ELECTRONIC RECORDING LEVEL EYE Provides a visual "sound" picture of the recording modulation. No guess work. Recording level can be pre-set as "eye" functions on both "stop" and "record" activities.

AUTOMATIC SELECTION LOCATOR Provides split-second accuracy in locating any part of recorded tape program. Insures instant cueing.

HI-FI "TWEETER-WOOFER" SPEAKERS A crossover network system combining two "electronically-balanced" speakers achieves matchless realism through perfect tonal separation. The lower frequencies are reproduced by a 6-in. x 9-in. (elliptical) Alnico-5 "woofer" and higher frequencies by a 3 1/2-in. (round) Alnico-5 "tweeter". **DIRECT-AT-AUDIENCE** speaker location provides "podium presence" tone.

DIMENSIONS: 16 1/2-in. long x 16 1/4-in. wide x 10 1/2-in. high.

CARRYING WEIGHT: 34 lbs.

SHIPPING WEIGHT: 41 lbs.

CABINET Handsomely finished in simulated limed oak peroxolyn plastic with form fitting plastic handle for sale, easy portability.

SPEAKER GRILLE Brass-plated steel basket-weave design with added open area permits full sound flow. All-metal construction provides complete protection for the speakers.

HIGH TORQUE AC MOTOR DRIVE Positive, slip-free drive and take-up with absolute minimum "wow and flutter" (less than 0.3% RMS at 7 1/2 i.p.s. and 0.4% RMS at 3 3/4 i.p.s.)

SIGNAL-TO-NOISE RATIO 45 decibels.

POWER OUTPUT 3 watts at less than 5% distortion.

POWER CONSUMPTION 130 watts, 115 volts, 60 cycles, AC.

(1) Microphones: minimum—4 millivolts maximum—100 millivolts.

(2) Radio-Phono: minimum—100 millivolts maximum—15 volts.

TUBE COMPLEMENT One (1) 6 x 4; one (1) 5879; one (1) dual-purpose 12A x 7; one (1) 6AQ5; one (1) 6C4; one (1) 6E5 (Electronic Eye recording level indicator); one (1) rectifier.

SPECIFICATIONS

Speakers 6" x 9" elliptical Alnico-5 "woofer" and 3 1/2" round Alnico-5 "tweeter." Tape speed—3 3/4 and 7 1/2 inches per second. Response range 40-15,000 cycles per second. Fast forward speed of 72 inches per second; reverse speed 120 i.p.s. Power requirement, 105-120V AC, 60 cycle; amplifier, 3 watts. Cabinet finished in hard-wearing simulated limed oak with form-fitting plastic handles. Speaker grille is brass plated steel for speaker protection. Standard equipment includes microphone.

tone control

Single knob regulates tonal quality of bass or treble response; permits accurate "blending" of in-between tones.

TWO-SPEED CONTROL SWITCH



A simple flick of the switch enables you to enjoy 7 1/2 i.p.s. for "high fidelity" or 3 3/4 i.p.s. for speech or where tape economy is important.

RECORD SAFETY TAB



Prevents accidental tape erasure as "record" key will not operate unless safety tab is unlocked.

COMPLETELY AUTOMATIC SHUT-OFF

Instantly stops reel movement when tape has run completely through recorder or if tape breaks.

FAST FORWARD KEY

Tape travels 72 inches per second—useful for quick forward "skipping" to section desired. Selection Locator indicates when to stop tape travel.

FAST REWIND KEY

Permits rewinding tape at 120 inches per second. Gentle, even tension prevents tape spillage or breakage.

MIXING OR MONITORING

Combine "live" and radio-phono sound for professional effects. Record "voice over" musical backgrounds. Monitor by Recording Level Indicator.

HI-FI "Tweeter-Woofers" SPEAKERS

A crossover network system combining electronically-balanced speakers achieves matchless realism through perfect tonal separation. The lower frequencies are reproduced by a 6" x 9" (elliptical) Alnico-5 "woofer" and higher frequencies by a 3 1/2" (round) Alnico-5 "tweeter." **Direct-at-audience** speaker location provides "podium presence" tone.

ELECTROMAGNETIC Piano-Key CONTROLS



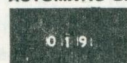
Positive electronic operation—no mechanical linkages. Plainly marked keys are as easy to operate as a "push-button" radio. Just a gentle touch of the finger starts, stops, records, plays back and rewinds instantly—automatically! Interlocked switching makes it impossible to jam mechanism, spill or break tape, or to erase accidentally.

ELECTRONIC RECORDING LEVEL EYE



Provides a visual picture of the recording modulation. No guess work. Recording level can be pre-set as "eye" functions on both "stop" and "record" activities.

AUTOMATIC SELECTION LOCATOR



Provides split-second accuracy in locating any part of recorded tape program. May be reset to zero at any time. Insures instant cueing.

AMPRO FEATURES ADD TO YOUR ENJOYMENT

The Ampro has two speeds: a "voice" speed of 3.75 inches per second and a "high fidelity" speed of 7.5 inches per second, giving up to two hours of recording on a single reel of tape. Its "piano key" controls are "solenoid" operated giving instant start, stop, forward, reverse and record. It has two speakers: a "woofer" for bass notes and a "tweeter" for high notes and there is a crossover network that employs both speakers at certain frequencies. The Ampro shuts off automatically and completely at the end of the tape... there's no chance of having tape spilled all over the room. An automatic selection locator can be set to zero at any time. An electronic eye assures proper recording level.

HIGH FIDELITY SOUND

The Ampro has one of the finest amplifying systems ever incorporated in a tape recorder. It reproduces from 40 to 15,000 cycles per second assuring the owner of true high fidelity sound at undistorted room-filling volume.

Beautiful to Hear...

Simple, Easy to Use...

THE FINEST IN TAPE RECORDERS

Universal Electric Co.

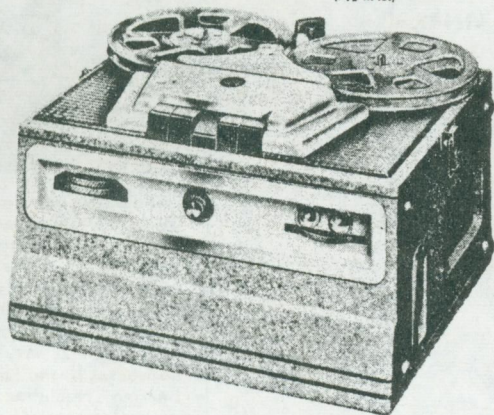
1432 St. Lawrence Blvd. • Montreal • Tel. Victor 5-4403 - 2691

WILCOX-GAY *tape*

Recordio®

first transistorized tape recorders on the market!

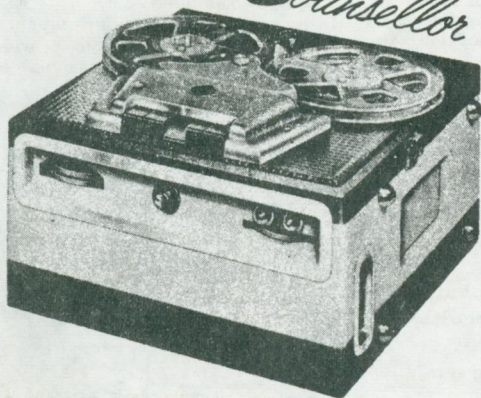
The Prep
(7 1/2 I.P.S.)



MODEL 712

Amplifier: 3 watts output.
Fast Rewind: Rewinds 7" tape in less than 2 3/4 minutes.
Duplicating Tapes: Using two units, exact copies can be made.
Tape Speed: Model 712—7 1/2 I.P.S.
Record Lock Button: Prevents accidental erasure.
Record Monitor Switch: Enables speaker to be switched on in record position.
Remote control socket for remote control accessory:
Instant stop and start.
Detachable A.C. line cord. **\$99.00**
Frequency Response: Model 712—85 to 8500 CPS.
Wow and Flutter: Model 712—.3%
Signal to Noise: 35 db minimum.
Standard Accessories: Microphone, 3" reel tape, 5" empty reel.
Accessories Available at slight extra cost: Remote Control kit. Stereo-Head kit. Roving Speaker.

The Counsellor

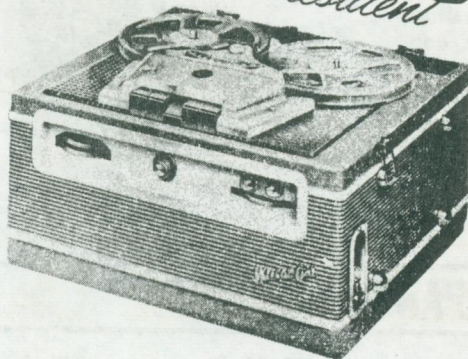


MODEL 732

Size: 14" x 12" x 8".
Weight: Approximately 26 pounds.
Tape Speed: 3 3/4 and 7 1/2 I.P.S.
Speaker: One 4 x 6. **\$120.00**
Reel: Uses 3", 5", 7" reels.
Transistor Pre-Amplifier.
Record Lock Button: Prevents accidental erasure.
Radio-Phono-TV Input Jack: This low level input permits recording from Radio, Phono or TV. Also used as low level constant output.
Microphone: Humi-Seal crystal.
Record Level Indicator: The "Easy View" neon indicator shows at a glance "Normal" or "Distort".
External Speaker Jack: For earphone monitoring or operation of external speaker.
Tone Control: Full range variable control from maximum brilliance to a deep rich bass tone.
Erase: Automatic, positive, exclusive.
Volume Control: Bass and treble compensated for best reproduction.
Public Address System: Speeches or entertainment can be recorded at the same time unit is being used as public address system.

Power Requirement: 117V AC—60 cycle—70 watts.
Amplifier: 3 watts output.
Fast Rewind and Fast Forward: Rewinds 7" tape in less than 2 3/4 minutes.
Duplicating Tapes: Using two units exact copies can be made.
Record Monitor Switch: Enables speaker to be switched on in record position.
Safety catch on reel pan spindle.
Remote control socket for remote control accessory: Instant stop and start.
Tube Complement: Transistor (PNP-2N133), 6AQ5, 12AX7, 6X4.
Detachable A.C. line cord.
Frequency Response: 85 to 8,000 CPS.
Wow and Flutter: .35% @ 7 1/2 I.P.S.—.5% @ 3 3/4 I.P.S.
Signal to Noise: 35db minimum.
Standard Accessories: Microphone, 3" reel tape, 5" empty reel, line cord.
Accessories Available at slight extra cost: Remote Control kit. Stereo-Head kit. Roving Speaker.

The President



MODEL 772

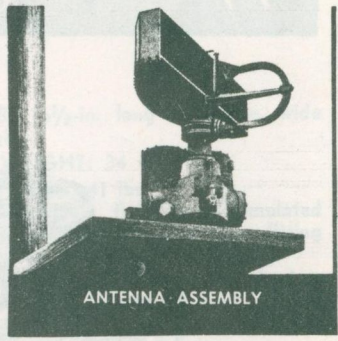
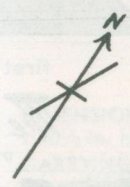
Size: 15 3/8" x 14 11/32" x 9 1/2".
Weight: Approximately 37 pounds.
Speed Selector: 3 3/4 and 7 1/2 I.P.S.
Push-Pull Amplifier: Delivers 8 watts of undistorted output. **\$179.00**
Reels: Uses 3", 5", 7" reels.
Transistor Pre-Amplifier.
Visual Tape Index: Any selection on the tape located quickly by number.
Record Lock: Prevents accidental erasure.
Radio-Phono-TV-Jack: This low level input permits recording from Radio, Phono, or TV. Also used as low level constant output in "play" position.
Microphone: Humi-Seal Hi-Fi crystal.
Two Record Level Indicators: "Normal" and "Distort".
Tone Control: Full range variable control from maximum brilliance to a deep rich bass tone.
Volume Control: Bass and treble compensated for best reproduction.
Push-Pull: Recording and playback.
Power Requirement: 117V AC—60 cycle—110 watts.
Tube Complement: Transistor (PNP-2N133), 6AV6, 12AX7, 6AQ5 (2), 5Y3.
Storage Compartment: Can hold spare reels of tape, microphone, built-in line cord and patch cord

Public Address System: Speeches or entertainment can be recorded at the same time unit is being used as a public address system.
Fast Rewind and Fast Forward: Rewinds 7" tape in less than 2 3/4 minutes.
Duplicating Tapes: Using two units, exact copies can be made.
Fabric Covered Case: Two-tone gray.
Two Speakers: 5 x 7 and Hi Frequency tweeter.
Extension Speaker Jack.
Record Monitor Switch: Enables speaker to be switched on in record position.
Safety catch on reel pan spindle.
Push to talk microphone.
Remote Control socket for remote control accessory: Instant stop and start.
Detachable A.C. line cord.
Roving Speaker: For sound distribution.
Automatic Shut-Off switch.
Frequency Response: 65 to 12,500 CPS.
Wow and Flutter: .3% @ 7 1/2 I.P.S. — .5% @ 3 3/4 I.P.S.
Signal to Noise: 35db minimum.
Standard Equipment: 5" reel tape, empty 7" reel microphone, built-in line cord, Radio-TV-Phono recording cord and roving speaker.
Accessories Available at slight extra cost: Remote Control kit. Stereo-Head kit.



ARPA RADAR TYPE 268

"FOR SHIPS OF
ALL CLASSES
FROM TUGS TO LINERS"



ANTENNA ASSEMBLY

Type 268 Radar Features . .

- "268", through employment of 3 cm. presentation gives unusually sharp definition and high resolution.
- Its effective working range is from 80 yards to 30 miles.
- It is equipped with controls to suppress sea "clutter".
- It has electronic rings which permit accurate range determination—and a mechanical scale for taking bearings.
- All operating controls are at the wheelhouse indicator making for centralized control and simplicity of operation.
- Three to four hours instruction is all that is required to make a proficient operator.
- Duplicate viewing screens make for greater convenience.
- Assemblies are unusually compact and are designed for maximum convenience in maintenance.
- All components are type-approved for serviceability.
- Reliability in performance is proven by extensive experience.
- Cost of installation is substantially lower than any other comparable set offered anywhere.

SPECIFICATION DETAILS

Electrical

| | |
|-----------------------------|---|
| Type of Presentation | —Continuous Plan Position Indicator. 5" diameter, long persistence screen. |
| Operating Frequency | —9345/9405 megacycles. |
| Wave Length | —3.2 cms (X band). |
| Total Drain on Power Supply | —2 H.P. (1.5 KW). |
| Peak Power Output | —30 KW. |
| Pulse Repetition Rate | —500/second. |
| Pulse Length | —0.75 microsecond. |
| Minimum Range | —80 Yards. |
| Maximum Range | —30 Miles. |
| Antenna Speed | —22 R.P.M. |
| Bearing Resolution | —2.0 degrees. |
| Range Resolution | —100 Yards. |
| Antenna Beam Width | —Horizontal—2.5 degrees. Vertical—17 degrees. |
| Range Bands | —6,000 Yards, 30,000 Yards, 60,000 Yards. |
| Range Rings | —Short Range—spaced at 1,000 yard intervals. Long Ranges—spaced at 5,000 yard intervals. |
| Bearing Scale | —Graduated in 1 degree intervals. Bearings taken off ship's head. |

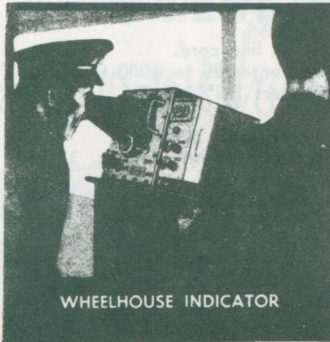
Mechanical

| Unit | Maximum Size | Weight |
|------------------|-----------------|----------|
| Remote Indicator | 13" x 14" x 17" | 78 lbs. |
| Main Console | 38" x 26" x 19" | 526 lbs. |
| Antenna Assembly | 31" x 31" x 25" | 120 lbs. |

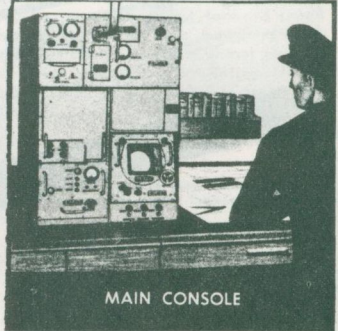
"All radar sets are shipped with complete technical information including instruction manual, circuit diagram, etc."

EXPORT PACKED FOR OVERSEAS SHIPMENT

"268" A Leader in Its Field



WHEELHOUSE INDICATOR

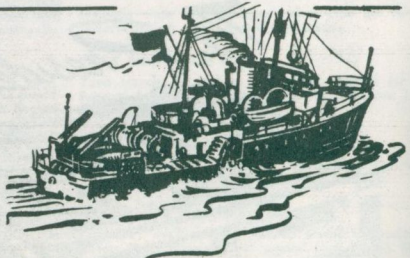


MAIN CONSOLE

The indicator unit is a compact, lightweight assembly designed for mounting in the wheelhouse. This unit is 13 x 14 x 17 inches, about the size of a mantel radio set, weighs only 80 lbs. and fits in snugly even in confined spaces. It contains the viewing screen, all controls required for normal operation and a movable scale graduated in degrees to permit the taking of bearings off the ship's head. The viewing screen gives an exceptionally well defined picture of the area surrounding the ship at all times and under any conditions. In actual tests this set has picked up an object as small as a second class navigation buoy over a range of 80 to 5,000 yds. Controls include "Stop-Start", "Gain Control" (for intensity), "Centre In-out" for close navigation, "Range Rings" and "Range Selection." The "Centre In-out" switch, used with short range, allows the operator to see immediately around the ship's position by enlarging the picture, a valuable feature in the navigation of canals, buoyed channels, or confined harbors. The three standard range bands are 6,000, 30,000 and 60,000 yds. This wide latitude makes provision for all types of navigation from confined areas such as canals to the open sea. Precision marker rings are provided electronically spaced at 1,000 yd. intervals for the short range and 5,000 yds. for the longer range. These rings enable a navigator to compute ranges of objects with accuracy, a particularly valuable feature in coastal operation.

The main console assembly contains the Transmitter-Receiver in a single compact unit. It may be mounted in the chart room, the captain's quarters, or in any other convenient location within 50 ft. of the antenna assembly. A feature of this unit is a duplicate viewing screen making it possible to observe the position of the ship without recourse to the wheelhouse indicator. For convenience, all major components are mounted on five individual chassis which can be readily removed for inspection or servicing, and meters are built into the unit for rapid checking of all important circuits.

An ideal radar installation for passenger and freight vessels, for fishing fleets, Universities, colleges, weather stations, control towers etc. Export packed for overseas shipment. Delivery immediate. F.O.B. Montreal. The complete station \$600.00, a fraction of its original cost.



One of the world finest Radar Set **\$600.00**

We carry a complete stock of spare parts for the above sets.

THE UNIVERSAL ELECTRIC COMPANY

TEL. Victor 5-2691

MONTREAL, P.Q.

1432 St. Lawrence Blvd.