

ELECTRONIC EQUIPMENT

MODEL TS-268/U CRYSTAL RECTIFIER TEST SET

A combination ohmmeter-ammeter designed to measure the electrical characteristics of microwave crystal rectifiers such as IN21 IN23 and many others. The instrument is completely self contained and requires only a single 1½-volt cell for operation. Complete with handbook. New \$14.95
Used \$6.95

BEAM Filter

Highly selective CW audio filter with 6 tuned circuits to peak a signal at 1020 cycles or reject it. The easiest "Q-5'er" to install--put filter phone plug into receiver phone jack and headphone plug into filter jack. Filter selector switch on "Both" cuts out both filters; "Phone" nulls out heterodynes; "Range" peaks single-signal at 1020 cycles with 100 cycles bandpass and 1 kc at 60DB down. Use the Receiver BFO control for vernier tuning. Made by UTC for the Navy.
\$2.95

HARTLEY 217

±5 db 20 TO 20,000

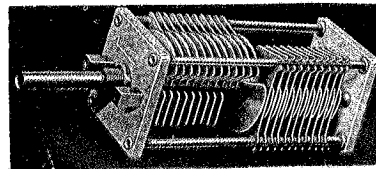
CYCLES!

\$49.50

GENERAL RADIO

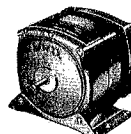
PRECISION LABORATORY POTENTIOMETERS

GR type	214A	10 ohms	\$.95
"	214A	200 "	\$.95
"	471A	10000 "	1.75
"	471A	50000 "	1.75
GR 726P1	- 10:1 Multiplier		1.50
Large General Radio skirted pointer knobs			.50



Split Stator Variable

175 mmfd per section or
350 total. 1750V test.
Ceramic ends.
VC 3 New \$2.95

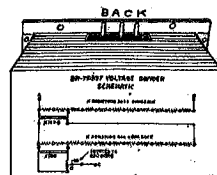
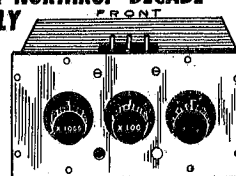


A.C. GEAR

MOTORS

BARCOL Speed Reducer
Barber Coleman PYAZ926T2
115V 60Cy. 48 Watts
60 to 1 gear ratio 60 RPM
Torque- 3 Pound inches
Only \$4.95

LEEDS & NORTHRUP DECADE ASSEMBLY

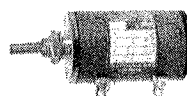


\$24.50

With Dials for Units, 100's and 1,000's. Unit is designated as "BR-711837 Voltage Divider. 5-1/4" x 10" x 5-1/2" overall. Wt. 4 lbs.

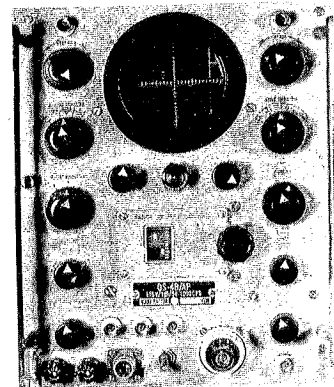
SURPLUS

10 TURN POTENTIOMETERS



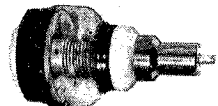
300,000 Ohms 2.95

WIDE-BAND OSCILLOSCOPE



OS4A/AP - \$95.00

JENNINGS UCS VACUUM VARIABLE CAPACITOR



Jennings type UCS
10 to 300 uuf 7.5KV \$37.50

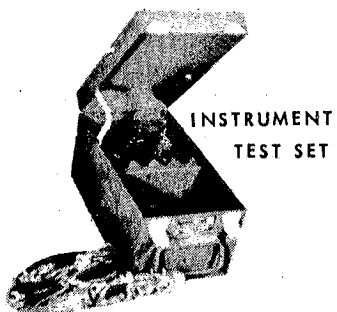
Jennings Type UCS
5 to 200 mmfd 15KV \$22.50

Jennings Type USL
5 to 500 mmfd 5KV \$22.50

ANTENNA TUNER

This unit contains the Jennings UCS 300 uuf. vacuum variable above plus a host of other parts including 2 motors 9 tubes, 10 relays, fan, rotary inductor, stepping switch, etc etc. All for only 10.00 more than the cost of the vacuum variable or --- \$47.50

NEW ADDRESS
ARROW SALES - CHICAGO INC.
7049 W. ARCHER AVE.
CHICAGO, ILL. 60638
PHONE: 586-7441



INSTRUMENT
TEST SET

Type 13669-1-A by Eclipse-Pioneer.
Autosyn instrument field test set in
metal carrying case 5" x 6" x 10".
Complete with all necessary cables
for plugging in various instruments.
Like New. Shpg wt 12 lbs.
Cat. No. 3561PM51..... **\$14.95**



SHORT OUT
ANY FREQUENCY
BETWEEN
180 AND 3400
MEGACYCLES

Wave Trap F-27/UPR tunes to 1/2
wave for f's of 180 to 3400 mc. Dis-
tinguish between actual signal and
spurious responses or harmonics. Has
coax switch to bypass it electrically
without disconnecting it. Calibrated
in mc. with coax cable and two
UG-21/U connectors to mate with
plugs on the trap. New. Shpg wt
7 lbs.
Cat. 2506TJ7..... **\$12.95**



TUNE IN
ANY FREQUENCY
BETWEEN
200 AND 2000+
MEGACYCLES

Tuning Stub TN-87/AP tunes to 1/4
wave for f's of 200 to beyond 2000
mc. Calibrated. With instructions.
Furnishes dc path without loading rf.
Is also excellent line matcher to re-
duce SWR. Connectors are UG-
21/U and UG-23/U. New. Shpg
wt 3 lbs.
Cat. 1006TJ4. Only..... **\$5.95**

LM
FREQUENCY METER



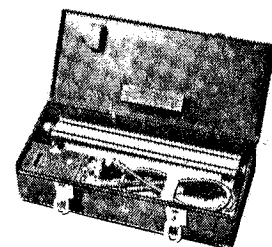
NAVY LM frequency meter
complete with original
calibration book.
Very good cond. **\$49.50**

Some arrived without
the calibration book
but are otherwise
complete and are of-
fered in very good
condition at **\$24.50**

LM power supply-----
Original Navy equipment.
Excellent cond.---**\$24.50**

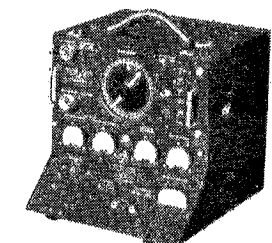
Complete Sets in
New Condition Avail-
able, Please Inquire

SLOTTED LINE TEST SET

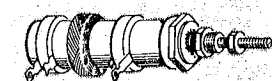


TS-56A/AP. 14.95

RADIO COMPASS TESTER



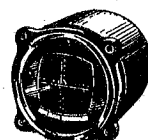
Test Set I-100-A for checking loop-
orienting circuits of Radio Compass
Units BC-433-G and R-5/ARN -7
and the loop motor, autosyn, com-
pensator and indicators of Radio Com-
passes SCR-269-G and AN/ARN-7.
Tests components by substitution of
various parts and by measuring volt-
age and current of components under
test in actual operation. Self-contain-
ed, portable, rapid and dependable.
Excellent Condition. **\$89.50**
Shpg wt 30 lbs.
Cat. No. PM53....



Ceramic coil forms
slug tuned
1/4" or 3/8" 39/ea.

2

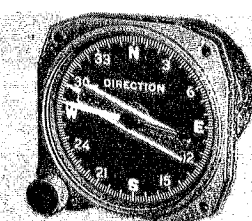
INDICATORS



ID-304/APA (Weston 888)
Cross Pointer Indicator.
New..... **\$4.95**

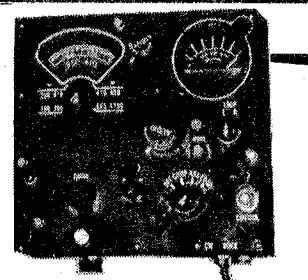


ID-91/ARN. 3" Compass
indicator for ARN-6.



ELECTRIC COMPASS

Same as used with Mag-
nesyn system **\$6.95**



C-4/ARN-7 CONTROL BOX

C-4 CONTROL BOX for ADF/ARN-7.
Complete with tuning meter, knobs and
lamps. Shpg wt 10 lbs.
NEW CONDITION

only... **\$9.95**

GYROS

RATE GYROS
KEARFOTT

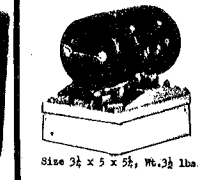
T1901-1A-A

(CN-149/APS45)

Exc. **\$10.00**

SUMMERS GYRO 351A

Range: 1/2"/sec.
Natural Frequency: 2 1/2 cps.
Damping: .7
Rotor Speed: 23,500 RPM
Rotor Angular Momentum: 1.3 x 10⁶ gm-
cm²/sec.
Pickoff: Switch Only
Motor Power: 115V, 400 cy., 3/8
\$10.00



I-82



I-82 AZIMUTH COMPASS INDICATOR.

New \$11.00 Used \$5.50

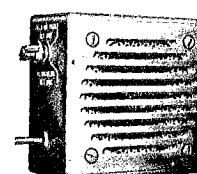
I-81



I-81 AZIMUTH COMPASS INDICATOR.

New \$6.00 Used \$3.00

MILITARY TYPE LOUD SPEAKERS



LS-166/U
LOUDSPEAKER

\$14.95

A 4" diameter PM Water Proof Loud Speaker a
8 OHM Voice Coil; housed in a cast aluminum
case complete with a 8 OHM to 600 OHM Trans-
former, and a five foot connecting cable with
U-77/U Connector. This unit is used with all
GRC & PRC Radio Sets.
LS-166/U

14 volts in - 28 out

DY20/ARN

Converts 14 volts 5.5 A to
28 " 1.5 A

Originally used with the
glide path receiver, this
little gem can be used to
directly power many other
24V equipments right from
the 12 V source on lighter
planes.
New **\$37.50**
Used **25.00**



Size 2 1/2 x 5 x 5 1/2, Wt. 2 1/2 lbs.

I-82



I-82 AZIMUTH COMPASS INDICATOR.

New \$11.00 Used \$5.50

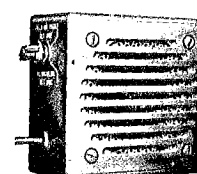
I-81



I-81 AZIMUTH COMPASS INDICATOR.

New \$6.00 Used \$3.00

MILITARY TYPE LOUD SPEAKERS



LS-166/U
LOUDSPEAKER

\$14.95

A 4" diameter PM Water Proof Loud Speaker a
8 OHM Voice Coil; housed in a cast aluminum
case complete with a 8 OHM to 600 OHM Trans-
former, and a five foot connecting cable with
U-77/U Connector. This unit is used with all
GRC & PRC Radio Sets.
LS-166/U

14 volts in - 28 out

DY20/ARN

Converts 14 volts 5.5 A to
28 " 1.5 A

Originally used with the
glide path receiver, this
little gem can be used to
directly power many other
24V equipments right from
the 12 V source on lighter
planes.
New **\$37.50**
Used **25.00**



Size 2 1/2 x 5 x 5 1/2, Wt. 2 1/2 lbs.

AN/CRT-3
RESCUE
TRANSMITTER

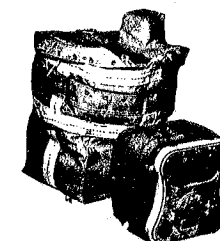
T74/ORT3A

Dual Freq.

500 KC. &

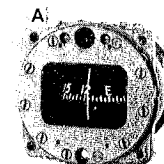
8364 KC.

Transmitter & Bag in excellent
condition. Only **\$37.50**



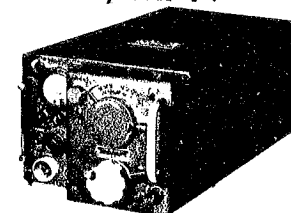
COMPASS

Model B-16 -- Liquid
floated magnetic com-
pass fits standard 3 1/4
inch panel hole and
is ideally suited for
aircraft - boats or
land vehicles.



Guaranteed **\$14.95**

AN/APR-4Y



R 444/APR 4-Y
Late model FM & AM receiver

Exc. cond. **\$79.50**

Tuners:

GV 253/ALR 38 to 1000 MC

\$175.00

TN-1 --- 38 to 95 MC 29.50

TN-2 --- 74 to 320 MC 49.50

TN-3 --- 300 to 1000 MC 39.50

TN-4 --- 1000 to 2000 MC 39.50

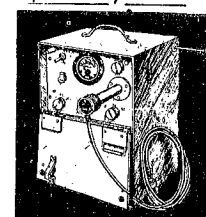
AIRPAX A-589

6V-400 Cycle CHOPPERS

New **\$3.30**



Glide Slope
TS170/ARN



TEST
OSCILLATOR

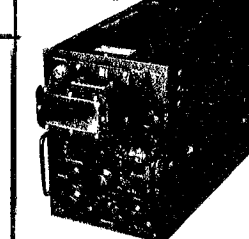
FOR PRE-FLIGHT CHECKING OF
GLIDE SLOPE RECEIVERS
TEST OSCILLATOR TS-170/ARN-5

New **\$25.00**

Used **\$15.00**

LORAN

APN-9

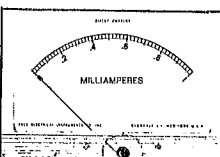


R-65/APN-9 Loran
receiver-indicator
unit

Like new yellow
tagged unused since
overhaul. **\$74.50**

IN21 .19 IN23 .29
IN21A .24 IN23A .39
IN21B .39 IN23B .49
IN21C .69 IN23C .99
IN78 \$1.50

Wide View 100 ma



Directly calibrated 100
ma (1 ma is pictured)
all clear plastic front
3 1/4" by 6" and only 1 1/2"
deep. New **\$6.95**

3

FIXED VACUUM CAPACITORS



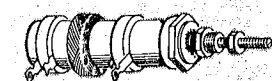
12 mmfd	- 10KV	\$2.50
25 "	10 "	2.95
50 "	5 "	1.75
50 "	7.5 "	2.25
100 "	10 "	3.50
2000 "	3 "	7.50

Silicon Tube Replacement Rectifiers

Sarkes Tarzian S-5019
IN-1239
2800 PIV 500 MA New
\$6.95

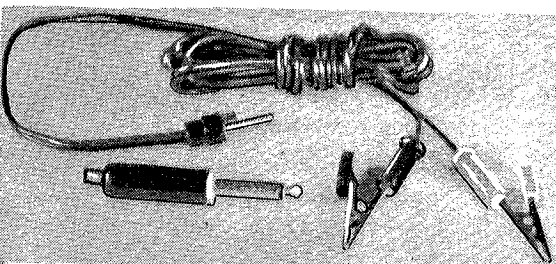
5x4 replacement

5U4 replacement
Also 5AS4, 5BA17, 5AV4
5T4, 5V4, 5Y3, 5Z4.
New
\$3.95



Ceramic coil forms
slug tuned
1/4" or 3/8" 39/ea.

2



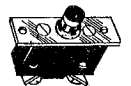
MULTI-PURPOSE PATCH CORD

A most convenient item for anyone doing tape recording work. Use it to take the sound from a speaker to feed the tape machine, to connect a RCA phono plug to regular mike output, etc. Plastic covered cord 6' long with insulated black and red alligator clips at one end and standard phono plug plus adaptor to standard RCA plug at other end. Shpg wt 2 lbs. Cat. No. 260CC110

\$1.59

CIRCUIT BREAKERS

Push to reset: Buttons pop out with overload and show red sides; can be also pulled out manually as an added safety factor. Klaxon, Mechanical Prod., etc



Toggle type: 5A AN3160 10 " 15 "

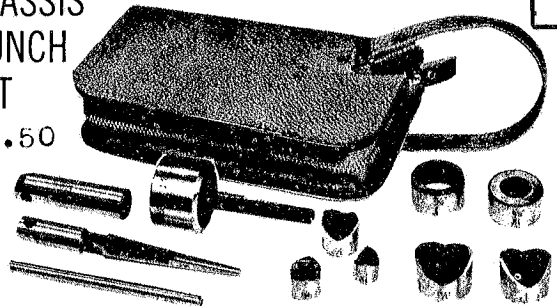
Klaxon PSA-5 Amp TT4 Resets self when cool No manual reset.

Table with 2 columns: Ampage (2A, 5A, 10A, 15A, 20A) and PSM (AN3161P, etc.)

29¢ ea. Any 10 for \$2.50

CHASSIS PUNCH KIT

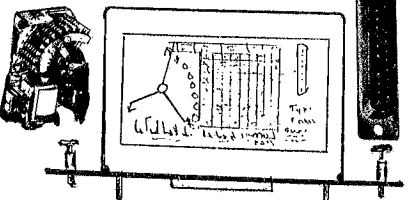
\$8.50



11 piece chassis punch set of carefully machined top-grade steel. Consists of five of the most popular size punches: 1/2", 5/8", 3/4", 1" and 1 1/8"; complete with gripper and accessories. Contained in a tough plastic carrying case with zipper and handle.

NO. CP-110

GOLD PLATED CONTACT STEPPERS



Western Electric #9981908

Telephone rotary switch: 8 level 12 points each (one zero pos.) Gold plated wiper and contacts DP interrupter each pulse DPDT interrupter each eleventh pulse by index wheel Coil 24 to 36 VDC Complete wiring diagram on each cover.

Fully enclosed in 2 1/2" x 3 1/2" x 5" metal screw down cover. Base is 2 1/2" x 6 1/2" with captive screws for fastening to chassis or panel and has three Cannon connectors pictured above. Each connector measures 1/4" x 2 1/4" and has 37 pins.

New \$ 7.50

2-METER OR 220 mc. OSCILLATOR ASSEMBLY

Lucite panel features ceramic socket for a no. 957 acorn tube, two filament chokes, 10uuf variable condenser, and 500 uuf across filament terminals. You connect the variable to plate and grid terminals and tune with two parallel pieces of bus a few inches long from plate and grid, with RF short (.002uf) at far end. This will give you 120-140 mc, depending on the length of your bus wires. The assembly is P/o sig. Gen I-196-B. NEW Shpg wt, 1 lb. Cat. No. C5L

39¢ ea 5 for \$1.50

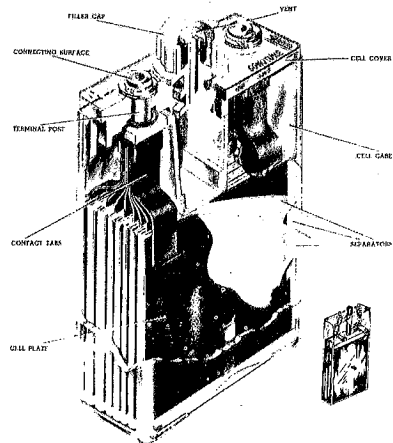
TS-69A/AP 400 to 1000 MC Test Set \$39.50

DIRECTIONAL COUPLER



Micro-match or similar. \$ 7.95

Nickel-Cadmium



Cutaway view of vented sintered-plate battery cell.

Considered a life time battery, they may be recharged indefinitely and may be left charged or discharged with no ill effects. Rate of discharge is many times the rated AH and is almost flat at the rated AH. Four sizes listed below are in good supply at present. Other sizes are on hand in lesser quantity and your inquiry is invited. They are either new as indicated or in excellent gaurteed condition. All are 1.2V

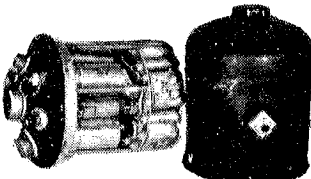
Table with 3 columns: Model (BB-403, BB-423), Capacity (4 amp hour, 7.5 amp hour), and Price (\$1.95, 3.50)

COLLINS P.T.O. LOW FREQUENCY OSCILLATOR - A high stability permability tuned oscillator using a 1625 tube. Covers 200 to 1500KC in 6 bands with a 20 turn dial (100 increments per turn) and turn counting dial. Unit measures 6 1/4" H x 3" W X 9-5/8" L.

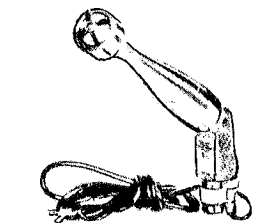


Shipping weight 7 lbs. Excellent Cond. \$8.95 Same as above, except tubes 200 to 600KC in 3 bands. Excellent \$6.50

DRONE RECEIVER

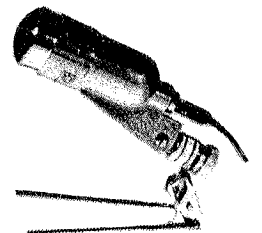


4-tube (57-76MC) receiver with 28 VDC power supply. Controls 5 different servo circuits with 5 tone freq. Each circuit has its own L-C tank and a sealed micro-relay. Uses the following tone frequencies: 300cps for "right" servo, 650 for "left, 955 for parachute, 1390 for "up" servo, 300 cps for "down" servo. Fully enclosed in a removable cover. Like new cond. Complete with tubes, re-lays and 28VDC vibrator power supply Shpg wt 20 lbs. \$9.95 Cat. No. 5061RE50...



HIGH-STYLE DYNAMIC MIKE

Flat 60 to 12,000 cy. 50,000 ohms impedance. Sensitivity -52 db. The streamlined "Cobra" design and satin chrome finish make it ideal for night clubs and PA work as well as for the home. The swivel mount is threaded for standard 5/8"-27 mike stands; has handy on-off switch. It comes individually boxed, complete with cable and standard mike connector. Shpg wt 3 lbs. Cat. 2606MC23. Only. \$9.95



SALTSHAKER DYNAMIC MIKE

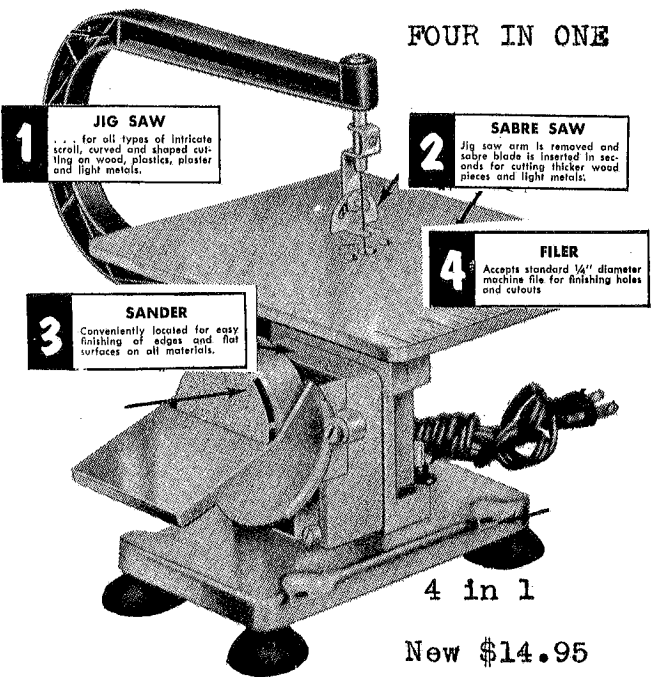
Response 80-10,500cy. In step with the trend toward miniaturization. A delight to see and to use. Chrome grille, stand, and hardware; permo-baked enamel body. Tilts and turns. Easily removed from the base to hold snugly in your hand. Only 4" long. With 6' long highly flexible coax cord. Output: -80 db. High impedance. Shpg wt 3 lbs. Cat. 961MC17. Unequalled value at only \$3.95



SLIM-JIM DYNAMIC MIKE

Response 90-10,000cy. Drawn brass case, baked black, chromed grille; slides into felt-lined chrome tilting - swivel friction clamp. Clamp screws into heavy black cast base with standard 5/8"-27 thread. Slips out of the clamp to hold in your hand. Has handy On-Off snap-slide switch. Comes with mating plug. Output: -78 db. High impedance. Shpg wt 4 lbs. Cat. 1906MC3. Only.... \$8.95

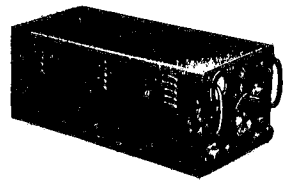
FOUR IN ONE



4 in 1

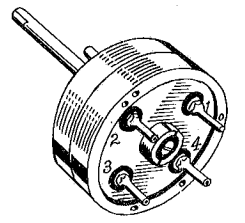
New \$14.95

RD7/APA 23 RECORDER



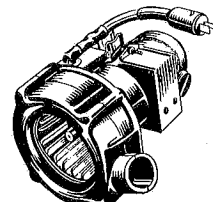
Primarily designed for recording the frequency and time of received signals when connected to a receiver. It can however, be adapted to numerous other uses. Power required: 115 V ac 60 cycles. In excellent condition with all tubes - less recording paper. Shpg wt. 50 lbs. \$27.50

SINUSOIDAL WOBBLATOR



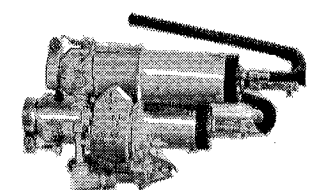
W. E. #D-150734, the PHASE SHIFT capacitor in various radar range units and calibrators, has a long 1/4" shaft in Oilite bearings. Capacity varies from 0.75 to 2.75 pf between 4 plate segments and a 5th terminal to a whole plate. Segments may be paralleled. In a sealed brass shield. New. Less motor. A serialized precision laboratory device at a great bargain. Shpg wt 2 lbs. \$9.95 Cat. 1006CR27. Only.

BLOWER WORKS ON 12 TO 115 VOLTS, AC OR DC



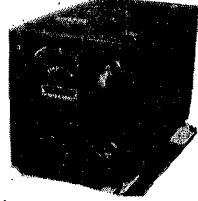
MX-215/APG. Uses a series-wound 28v motor and a No. 2 blower made by L-R Mfg. Co. (Torrington, Conn.) and includes a radio noise filter. It moves approx. 20 cubic ft/minute at 28v, but it BLOWS LIKE ALL HADES on 115 v, 60 cy intermittent duty. We have used it for years around the house to blow out heavy dirt. 7500 RPM at 28v, continuous duty, so you can imagine how fast it turns at 115 volts; but it is dynamically balanced so perfectly that you don't get a vibratory therapy treatment when you hold it. Brand new, made to strict Air Force specs. 5 lb shpg. \$4.95 Cat. 506MO12. A real buy at.

THE HEART OF S-BAND



RT-39/APG-5 cavity assembly includes the Transmit-Receive automatic switch cavity, the transmitter-oscillator cavity, and the receiver's local-oscillator cavity, plus the receptacle for the crystal mixer. All brand new, silver plated and with sleeve adaptors for the two lighthouses. Tuneable 2400 to 3000 mc. Output is 30 mc. Antenna connects to right-angle, rigid coax fitting which conducts one branch to the TR cavity for holding a 1B27 tube, and the other to the transmitter oscillator cavity for holding a 464-A or 2 C43. From the TR cavity the center conductor is capacity coupled to the output of the receiver local-oscillator cavity for holding a 446-B or 2C40, and continues straight up to form a socket for the 1N21B crystal mixer. Both the 2C40 and the 2C43 are manually tuneable. Brand new less tubes and crystal. Shpg wt 6 lbs. \$3.95 Cat. No. 506TXR5....

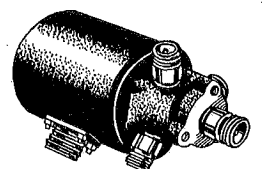
CONVERTER



TN-1B/APR-1 receives and converts 38-80 MC RF to 30 MC IF. Requires 250 V B+, 6.3 VAC. New condition. Shpg wt 35 lbs. \$24.50 Cat. No. 3561CVI.....

Used \$12.50

VHF COAX RELAY CONNECTS CHOICE OF 3 LINES TO A 4TH



Gen. Commun. #3N120RC has 24v Ledex selector, control plug pins, and 4 type N constant-Z coax plugs to enable selection among 3 antennas (for example) to feed a receiver. In heavy sealed shield. Shpg wt 3 lbs. Super value. Cat. 806RY39. Only.... \$7.95

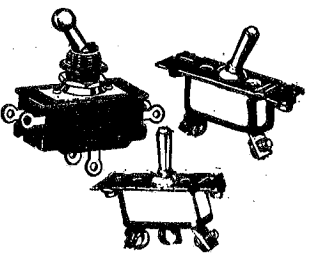
WESTON "PHOTRONIC" CELLS

For light intensity of 20 foot-candles and max. external circuit resistance of 200 Ohms. Produces 4.0 uA (+.3) per ft. candle with a linearity factor of .83 (+.08). Linearity is nearly 1.00 into a 3 Ohm load. Each \$2.50 MODEL 594-YR Matched Pair. \$4.95

TELEPHONE DIAL



Standard West. Elect. Metropolitan (letters & numbers) telephone dial. Example of operation: Pull down on the 9 hole and let go; a switch opens and closes 9 times. Good used. Shpg wt 1 lb. Cat. 206TD1..... \$1.95



SWITCHES

Model Railroader's Favorites:

Double-Pole, — Double-Throw, Center-Off, one-hole mount, toggle switch. Toggle stays at any of the 3 positions. New. Cat. 180SX3. Only 79¢ Get four cheaper. Order Cat. 308SX3X4. Four for 2.95

3-Hole Mounting Toggles

Single-Pole, — Double-Throw, Center-Off, spring loaded. Returns to center Off position when you take your finger off the toggle. A natural for motor-reversing jobs. Cat. 180SX8. Only 49¢

Single-Pole, — Single-Throw, Momentary. Spring-loaded, returns to Off when you take your finger off the toggle. Cat. 180SX4. Only 29¢

Single-Pole, Single-Throw, fixed in either position. Cat. 1180SX6. Only 29¢

Single-Pole, Double-Throw, fixed in either of the 2 positions. Cat. 140SX6. Only 39¢

RADIO CONTROL

MULTI-CHANNEL RADIO CONTROL FOR MODEL PLANES, CARS, BOATS, GARAGE DOORS, GATES, LAWN MOWERS, SELECTIVE CALLING

SET OF 5 TONE FILTERS. Removed from Air-Force Target Drone Receiver and furnished with circuit showing use in modern Air-Force Drone Control, applicable to follow detector stage of any receiver or to use on a line. These 5 sharp filters are fixed at 300, 650, 955, 1390, and 3000 cps. Shpg wt for the set of five is 3 lbs. Cat. 408TFIX5. All five \$3.95

X-BAND

X-BAND SIGNAL GENERATOR

HI-POWER DUMMY LOADS

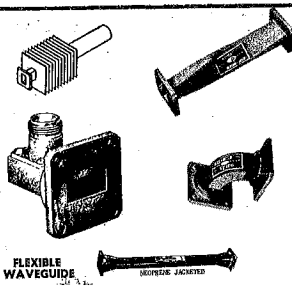
8.2 - 12.4 KMC

Standard "X" Band UG 39/U Flange. This unit will dissipate 500 watts average and 100 KW peak. New \$39.95

Low Power Dummy Load

TS-332/UP \$4.95

"H" - 90° Elbow \$5.95
"H" - 90° Elbow \$5.95
90° Twist \$5.95
Waveguide to Coax (N) adapter \$4.95

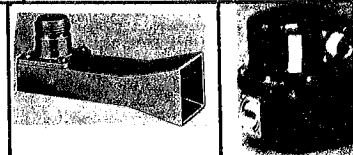


Flexible "X" Band Waveguide with standard UG 39 Flanges

60" \$4.95
42" 5.95
24" 5.95

"X" Band Airtorn Switch

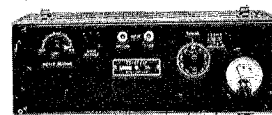
Model 70960 28VDC one input choke flange and two output choke flanges \$24.50



AT 68/UP
"X" Band Horn with type "N" Coax Connector \$5.95

AT 39/UP
"X" Band Horn Antenna \$5.95

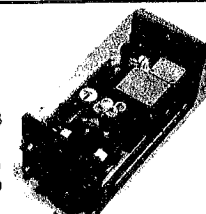
9320-9430 MC ECHO BOX



TS-62/AP \$39.95

Miniature "X" Band Transmitter

T-425/APX Employs L 3028B Magnetron, 829B, etc. Exc. Complete \$19.95
Less 829B \$12.50



X-BAND SIGNAL GENERATOR

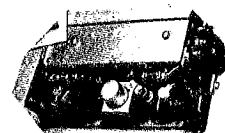
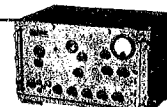


TS-35/AP Exc. \$44.50

TS-120

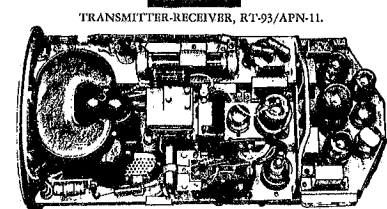
X-Band Test Set

Providing signal Generator, Frequency meter and watt meter functions in the 8500 to 9600 MC range. 115V - 50 to 1000 CPS powered. Exc. \$69.50



AM1244/APX27 Amplifier Converter employs Bomec BL-423, Varian V153/6315, 2-5842, 3-6906, 8NC receptacles and complete circuitry. 4" x 5 1/2" x 10". Shpg wt 10 lbs. \$69.50

RADAR



Complete "X" band radar transmitter and receiver includes 19 tubes of which 2341 is the magnetron. External source of plate and filament voltages is required. Like new condition in an all aluminum housing. \$39.95

RADIO RECEIVER R-266/URR-13



This receiver covers 220 to 400 MC in continuous tuning. Exc. \$149.50 Less outer Cover \$99.50

R 517/PRR 26

This one covers 2 to 8 MC single channel crystal controlled Used \$59.50

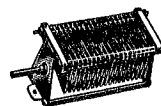
Hallcrafters SX 110
Exc. \$79.50

Heath Mohawk
Exc. \$129.50

National HFS
Exc. \$69.50

National NC 98
Exc. \$69.50

JOHNSON CAPACITORS



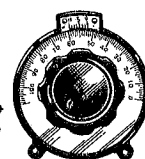
Type 167-161 4.7 - 55 mmfd .69
Type 167-203 Butterfly 5.9 to 65 mmfd .98



New Used
PL 55 Phone Plug .69 .49
PL 68 Mike Plug .79 .59
PL 54 Phone Plug .49 .39
JK 33/34 Jacks for PL 55 & PL 68 .15

PRECISION VERNIER DIALS

8:1 RATIO Precision Dials with heavy black bakelite base and nickel-silver dial plates with deeply etched, clearly legible scales. Molded black knob with fluted grips. Internal parts of phosphor bronze and brass for long life dependability. Calibrated 0 to 100 in 180° rotation. For front-panel mounting. Choice of three sizes: 1 1/2", 2", 2 7/8" and 4". 1 1/2" DIAM. Cat. No. 220DL3-1.5... \$1.29
2" DIAM. Cat. No. 240DL3-2... \$1.89

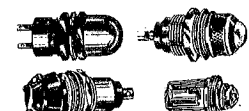


Transistor Amplifier

This board contains transistors, zener, diodes, condensers and resistors. 2N1132, 2N2270, IN 968-B, IN 459 etc.

.49¢ each or 10 for \$4.50

Schematic furnished with order for 10 units only.



Sub-miniature indicator light for T-14 bulbs (327, 328 etc) red jewel.

New 59¢

Single terminal type as removed from equipment. Yellow, white, green or amber

29¢

For edge lighted panels. Removed from equipment.

19¢

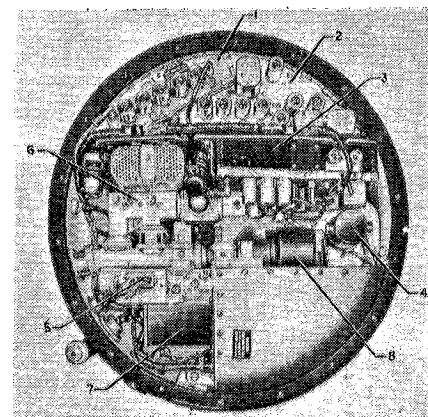
Pilot assembly for standard T-34 lamps (44-47 etc.)

4" amber jewel Unused 85¢ Ten for \$2

4" blue jewel Unused 39¢ Ten for \$3

0-20 Microamps \$1.95

Direct reading, 3 1/2" round



55 KW X-BAND TRANSCEIVER

- 1-F AMPLIFIER
2. RECEIVER
3. AFC UNIT
4. BLOWER MOTOR
5. RELAY BOX
6. MIXER
7. PULSE TRANSFORMER
8. MAGNETRON

9375 + 55 MC, 35-tube transceiver utilizing the latest military circuits. Incorporates the following features: 4J52 magnetron with magnet, 60 MC IF amplifier, 10 MC band pass, 2K25 as local beacon oscillator w/AFC circuit, 2K25 as search local oscillator w/AFC circuit, two-stage 3MC IF amplifier, two-stage 8MC IF amplifier, two-stage anti-jam circuit, automatic pulse-stretching circuit,

video detector and fixed gain circuit, video detector and variable gain circuit, with a range of 5 to 200 miles. IDEAL UNIT FOR TRAINING radar maintenance personnel. Originally used aboard Aircraft for search and navigation. Complete with tubes and magnets. Excel. Cond. Guaranteed. Shpg wt 75 lbs. Cat. No. 1006TXR25... \$99.50



X-BAND RADAR TEST SET

TS-146/UP

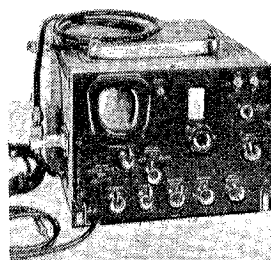
EASY TO OPERATE...PORTABLE... VOLTAGE REGULATED

Freq. Range : 9285 to 9465 MC
Measures: Transmitter output power, Transmitter frequency, Receiver sensitivity, Receiver bandwidth, Tunes Receiver.
Checks: Magnetron pulling, A.F.C. Circuit, Power loss through radome

Good for checking Radar systems in Aircraft and for adjusting units on the bench. External trigger or sawtooth required on all tests except transmitter frequency and power measurements. Wavemeter and attenuator calibrations agree with Kearfott unit. Can also be used as a power source for VSWR measurements of waveguide. Attenuator

dial range to -77dbm can be extended with insertion of additional external attenuation. Complete with all accessories except oscilloscope. Excellent, Guaranteed Condition. Shpg wt 50 lbs. Cat. No. 1006TS146... \$99.50

FIELD TYPE X-BAND SPECTRUM ANALYZER



TS-148/UP. Band 8430-9580 Megacycles. Will check frequency and operation of various X-band equipment such as Radar Magnetrons, Klystrons, TR Boxes. Will also measure pulse width, C-W spectrum width & Q or resonant cavities. Checks frequency of signal generators in x-band. Can also be used as frequency modulated Signal Generator, etc.

\$89.50

Less Pictured Accessory Cables

Tube Sockets



7 pin steatite for 1625, 3AP1 etc. 29¢

Molded bakelite for CRT's 5CP1, 3CP1 75¢

Acorns, octals, octals, 7 pin min. 10¢

Socket adapter: Adapts 832, 829, 5894, 6907, etc, to standard octal base. \$1.00

9 pin min. with tube shield base. 25¢

Oscilloscopes

Tektronix \$249.50

514D OSCILLOSCOPE DC TO 10MC. Vertical deflection sensitivity AC from .03v/cm to 100v/cm p-p; DC sensitivity .3v/cm to 100v/cm p-p. Internal calibration provides .25µs signal delay. Horizontal sweep .01s/cm to .1µs/cm. Sweep magnification variable.

Hewlett - Packard

130 A GENERAL LAB & PROD. TESTING OSCILLOSCOPE HORIZONTAL.

Sweep range 1µsec/cm to 15sec/cm. Calibrated in 21 calibrated ranges, 1-2-5-10 sequence with a vernier permitting continuous adjustment. Vertical amplifier: sensitivity range: 1mv/cm to 50v/cm. Band pass: DC to 300KC. Coupling: AC or DC. Input attenuation: 14 calibrator ranges in a 1-2-5-10 sequence with a continuous vernier adjustable between ranges.

\$195



TDA-2 RTTY Test Scope \$49.50

M A W

Navy portable transceiver 2 way AM or CW radio communications in ten preset crystal channels in the range of 110 to 156 MC. Complete with vibrator power supply.

\$25.00

TUNING FORK

Hill Electronics (Heemco) model FS 73200

800 CPS 28 VDC Input.

Precision frequency source in octal tube based holder.

Unused \$14.95

BERKELEY

1452 DIGITAL PRINTER. Connects directly to any Berkeley 5510, 5571 or 7000 series instrument, prints data in digital form on standard adding machine tape. May be modified to print "Time" or "Code" information simultaneously with data; 6 digits. \$69.50

Collins

Collins Aluminum sub-chassis. This is not a printed circuit board. All items are tied to standoff terminals and have sufficient leads for reuse. Quantities listed are minimal or undetermined.

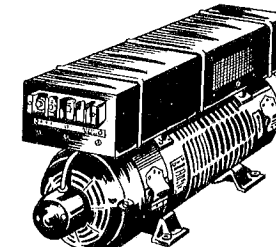
38 tantalum capacitors
12 precision " Also
85 diodes Zeners
8 transistors Jacks
100 precision res. Connectors
85 resistors Teflon ins.

\$2.95

Hewlett - Packard

715A KLYSTRON POWER SUPPLY.

Supply No. 1 (Beam Supply) voltage range: -250 to -400V. Max current 30ma at 200V and 50ma at 400V. Regulation: less than 1%, line or load. Ripple: less than 7mV. Supply No. 2 (Reflector Supply) voltage range: 0 to -900V. Max current 10amps. Regulation ±1%, line or load. Ripple: less than 10mV. Filament supply: 6.3VAC at 1.5 amps. Provides square wave modulation. ... \$69.50



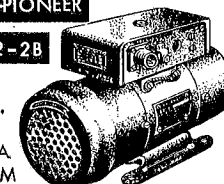
F45-3 JACK & HEINTZ

INPUT 27.5 V.D.C. 150 AMPS
OUTPUT 1/3 PHASE 115-200 VOLTS
400 CYCLES 2250-2500 VA
.9 P.F.
Excellent Condition.
Shpg wt 85 lbs.
Cat. No. AC14... \$95.00

ECLIPSE-PIONEER

12142-2-28

INPUT 24 V.D.C. 14 AMPS
30 VOLT A 12,000 RPM
AC OUTPUT 115 V.A.C. 400 CYCLE
3 PHASE .15 AMPS .3 P.F.
Excellent Condition.
Shpg wt 16 lbs.
Cat. No. AC24. \$175.00

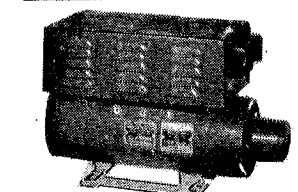


ECLIPSE-PIONEER

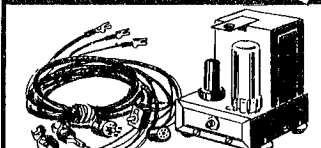
Type 800-1-D.

Input: 24-28 vdc 75 Amps; Output: 115 V, 800 cps, 1 Phase, 10.5 A. Size: 12 1/2" x 4 1/2" x 7 1/2". Voltage and Frequency Regulated. Excellent Condition. Shpg wt 18 lbs. Cat. No. 2306AC13... \$24.50

WINCHARGER 750 VA



Type PU-16. Input: 24-28 VDC. Output: 750 VA of Single Phase at 115 V. Voltage and Frequency regulated, with Radio noise filter. Size: 15 1/2" x 10" x 7 1/2". Excellent Condition. Shpg wt 45 lbs. Cat. No. AC18... \$35.00



6 VOLT RADIART VIBRAPACK SUPPLIES 300 V DC, 90 MA

Radiart 6821A (RCA MI-8319A) used to mobilize AR-77 & AR-88 rcvrs. Input 6 to 8.5v dc as selected by a 4-position switch to xfrmtr taps. The vibrator is Mallory 634C or Radiart VN-10 or any 4-pin non-synch replacement. At full load, the pack draws 12 amps. A 15A fuse is in the battery cord furnished. An OZ4 tube rectifies. Output is filtered. New, with instruction book, schematic, & parts list. Shpg wt 12 lbs. Cat. 1006VP1. Only... \$6.95

CRYSTALS

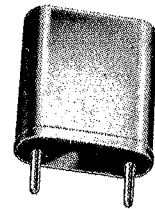
FT 243

10 for \$5.60 or 79¢ ea.

Frequencies in K.C. Fractions (if any) are omitted

1075	3015	3170	3870	5850	6325	6606	7373	7666	8225
1930	3020	3175	4885	5875	6335	6625	7375	7673	8230
1940	3025	3185	4920	5892	6340	6640	7425	7675	8250
1950	3030	3390	4930	5900	6350	6645	7440	7700	8275
2165	3065	3470	4950	5925	6362	6650	7450	7706	8280
2185	3070	3955	4995	5950	6373	6675	7473	7720	8291
2195	3075	3990	5030	5955	6375	6825	7475	7725	8300
2205	3080	3995	5065	5970	6400	6840	7500	7741	8306
2220	3085	4095	5090	5975	6405	6850	7510	7750	8310
2230	3090	4135	5115	6140	6406	6875	7525	7775	8320
2310	3095	4175	5205	6150	6425	6900	7530	7800	8325
2315	3100	4215	5235	6173	6430	6925	7540	7825	8330
2430	3105	4295	5385	6175	6440	6940	7550	7840	8400
2475	3115	4430	5480	6200	6450	6950	7570	7850	8450
2490	3120	4460	5485	6206	6473	6975	7575	7875	8460
2495	3125	4520	5540	6225	6475	7100	7580	7900	8483
2515	3130	4565	5570	6235	6500	7107	7590	8050	8533
2525	3140	4580	5630	6240	6506	7125	7600	8116	8550
2535	3145	4610	5725	6250	6525	7300	7620	8173	8575
2555	3150	4620	5800	6273	6540	7306	7625	8175	8600
2665	3155	4735	5820	6275	6550	7325	7630	8180	8625
2945	3160	4780	5825	6306	6573	7340	7640	8200	8650
3010	3165	4830	5840	6315	6575	7350	7650	8206	8683
					6600		7660		8725

HC 6 Metal Holder



95¢ each

10 for \$6.50

HC 6

1000 KC	\$2.50
500 KC	\$2.50
2000 KC	\$1.75
2000 KC in 24VDC Oven	\$2.50
3000 KC	\$1.75
10000 KC	\$1.95

Crystal Assortment - 100 for \$7.50

You get at least 25 of each of FT 243-FT 241-CR1 & Misc.

OVEN

6 Volt 12 Watt 75° complete with 204 KC Crystal \$1.25

Specials

100 KC DC 2X \$1.95 ea. 3 for \$5	1000 KC HCB \$2.50 - 3 for \$6
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100 KC in APN4 Holder \$2.95

100 KC in DC2X Holder \$1.95

100 KC in James Knight Holder \$2.95

Minimum Crystal order is \$3.00

1000 KC

DC 9 Crystal for freq. meters

BC 221 & LM \$3.95

8 ARROW SALES-CHICAGO, INC

CR 1

10 for \$4.50 or 69¢ ea

Frequencies in K.C. Fractions (if any) are omitted

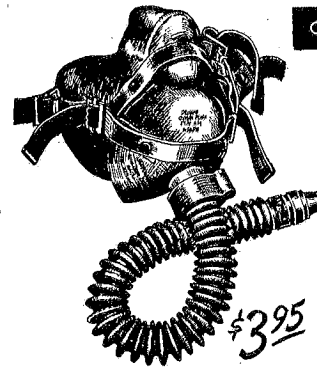
5590	6760	7350	7790	8036	8161	8270	8360	8476
6161	6788	7360	7850	8056	8162	8272	8361	8500
6440	6805	7372	7660	8071	8164	8283	8371	8528
6450	6827	7410	7890	8072	8178	8284	8375	8529
6475	6861	7422	7910	8082	8188	8285	8376	8576
6523	6880	7460	7960	8103	8210	8294	8385	8580
6530	6916	7480	8007	8104	8212	8295	8400	8585
6594	6961	7510	8008	8105	8215	8300	8412	8596
6600	7010	7550	8010	1885	8220	8308	8418	8600
6605	7105	7570	8013	8118	8236	8315	8435	8603
6630	7120	7583	8018	8121	8238	8318	8438	8607
6661	7140	7590	8020	8130	8250	8328	8440	8640
6716	7216	7670	8022	8135	8251	8333	8442	8645
6730	7230	7700	8023	1845	8253	8335	8443	8660
6738	7300	7730	8032	1852	8256	8350	8460	8661
6753	7330	7745	8035	8155	8260	8356	8475	8710



TS-452 SIGNAL GENERATOR 5-100MC BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND.

THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATOR INCLUDING THE OSCILLATOR, WAVEMETER, VERTICAL AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL. ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE. SIZE: 19x9x16; WT: 60 LBS.

PRICE: USED SERVICEABLE \$75.00

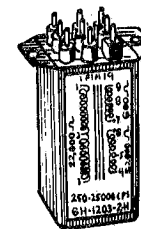


OXYGEN ECONOMY MASK

Durable, form and individually adjustable fitting, SAFE oxygen mask designed to USAF specs. Originally used with diluter-demand military regulators, this mask is useable with almost all commercial portable and fixed oxygen systems. Provides oxygen percentage of 70% blood saturation (equal to 10,000 ft. MSL) at pressure altitude of 36,000 ft. its operating ceiling. quick-disconnect hose fitting and release hook on right strap.

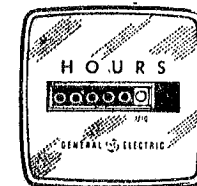
Cat. No. A-14

VERSATILE MINIATURE TRANSFORMER



Same as used in W2EWL SSB Rig—March, 1956 QST. Three sets of CT windings for a combination of impedances: 600 ohms, 5200 ohms, 22000 ohms. (By using center-taps the impedances are quartered). The ideal transformer for a SSB transmitter. Other uses: interstage, transistor, high impedance choke, line to grid or plate, etc. Size only 2" h. x 3/4" w. x 3/4" d. New and fully shielded.

98¢ ea or 10 for \$7.50



GENERAL ELECTRIC ELAPSED-TIME METERS

Type 236 Unused \$9.95

Used \$5.95



MN 22 - AZIMUTH INDICATOR \$2.95

DA-18/U HIGH POWER DUMMY LOAD 3 X 1 1/2" WG

Frequency Range: 2600 to 3950 MC
Average Power: 600 watts
Peak Power: 1500 KW



UG-53/U waveguide cover flange input. 25" long in cylindrical aluminum transport case. 25 1/2" D X 29" L.

\$49.50 New \$34.50 Used

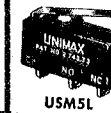
Subminiature Toggle Switch



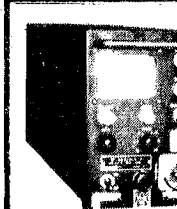
Micro Switch Inc. type 6AT6 SPDT - only "x 1/2" x 1/4" behind panel. Removed from new equipment.

49¢

Aluminum panel 1 1/2" x 4" with 12 of these switches mounted only --- \$5.00



SPDT with integral leaf actuator. Only 1/4" x 1/2" x 1/4" overall. Rem. new equip. 49¢



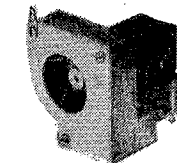
IP-69A/ALA-2 INDICATOR 3" Scope. Front panel controls: Vertical Pos.; Horiz. Pos.; Intensity, Focus, Gain, Width, Center freq.

Pan. Operates on 115 Volts 380 to 1000 cps. AC.

Tubes: 1/6AL5, 2/6BA6, 1/6BE6, 1/6AC7, 1/6J6, 1/884, 2/6SL7, 1/1B3, 1/6X5, 1/OD3, 1/6SN7, 3/28D7, 1/12AU7, 1/3BP1.

Used. 22.50 New \$35.00

PERMANENT-MAGNET MOTOR QUIET COOLING FAN



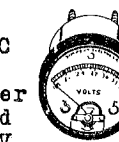
Works on 6 to 28 V dc. Removed from new surplus equipment. Shpg wt 1 lb. Cat. 306MO8. Only \$1.95

PANEL MOUNTED HOLDERS for 1/4 Inch Fuses

Can be used on panels up to 1/8 inch thick. Bayonet type knob. No screw driver is needed.

29¢

36 Volt DC expanded scale meter 2 1/2" sealed starts 18V 1/2V divisions \$2.95



FERRIS

32-A

Field strength meter

150 to 350 KC and 550 to 20000 KC

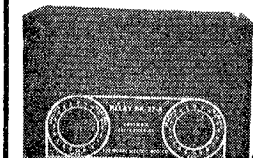
\$34.50

32-B

Radio noise & Field strength meter

150 to 350 KC and 550 to 20000 KC

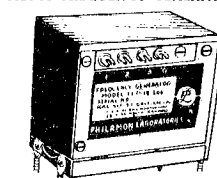
45.00



BK-27 DUAL TELETYPE RELAY S.P.D.T S.P.S.T 2150 OHMS

115 VDC, ADJUSTABLE CONTACT FROM OUTSIDE OF CASE MARKED 10-0-10 FOR EAST-WEST TELE. 15 BANANA PLUGS FOR PLUG-IN SIZE: 6x3 1/2 x 3 1/2; WT: 4 LBS. \$2.50

AUDIO FREQUENCY GENERATOR



TUNING FORK FREQUENCY STANDARD

500 cycle--0.001% accuracy--operates from 24VDC at .18A Removed from new equipment. \$7.50

BALLANTINE



\$49.50

MILLIVAC

RM17B DC VACUUM TUBE MILLIVOLT METER. 0 to 1mv lowest range; 0 to 1Kv highest range. Input impedance: 1mv range 6 megohms; 1Kv 60 megohms.

SPECIAL \$49.50

HEADSETS

AUDIO ACCESSORIES

MICROPHONES



OHM AIR FORCE HEADSET

The standard low impedance magnetic headset. Uses RH1 units (300 ohms each). Is a compensated magnetic with controlled damped hrgm, almost entirely flat to 4000 cy, extra good for ch. Has HB-7 leather-covered adjustable headband, and k-disconnect red PL-54 ball-plug. With rubber ear tips; new, spotless. 800ES0. 3 lbs. \$6.50



LIGHT WEIGHT SIGNAL-CORPS HEADSET

HS-30. 256 ohms. Soft rubber hangs in your ear-lobes below (not in) your ear canals. With cord as shown. New. Shpg wt 1 lb. Cat. 206ESIIN. \$1.95

CONTACT CARBON MIKE



T-30 Throat Mike has 2 buttons. Use one or both. Changes contact-transferred sonic vibrations into audio frequency electricity when put in series with a 3 volt battery. New. Shpg wt 1/2 lb. \$1.95 Used .79¢



RUBBER CUSHION

C-162-A flat-type rubber cushions for HS-23, HS-33, and milar units. New. Newly molded. No old rubber. at. 180HC2. Pair \$7.95

NTJ-NOISE CARBON UNIT



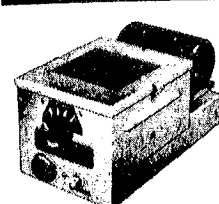
419 60-ohm button was over upper lip. High output close talk. Almost no output for cent noise. 1/2 lb. 109MC12U. Only. \$9.84

H-QUALITY MICROPHONES NEVER-BEFORE LOW PRICES!



Smart looking table crystal mike; light brown plastic. Good voice and dictation range, 100-8000 cy. Output level -52 db. M-25. \$1.39

PHASE INVERTER AMPLIFIER



M-26A/AIC. Four-tube, push-pull lower Amplifier with a phase inverter circuit. Automatic gain control C-58A/AIC includes barometric unit permitting operation from 10,000 to 30,000 ft. Complete with 28 VDC dynamotor. Excellent Condition. Shpg wt 15 lbs. Cat. No. 1006AX15. \$9.95

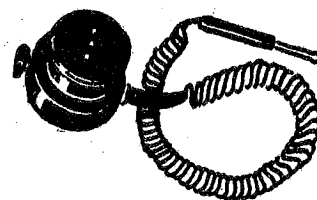
MICROPHONE BUTTONS

Western Electric gold plated microphone elements suitable for many "pickup" applications. Only 7/16" diameter. THREE FOR \$1.00

WESTERN ELECTRIC Head-phone--Chest-mike

This combination offers a high quality single phone along with a horn type carbon mike that is highly efficient. Hand free operation lends a hundred uses. New condition-- \$4.95

NAVY & CAA TOWER HAND MIKE



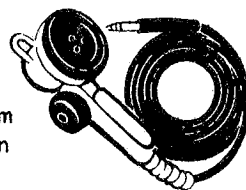
NAVY & CAA TOWER HAND MIKE

RS-38 carbon microphone. Quality has to be very high before the CAA issues a type approval. This one is CAA Type Certificated. Fits in your hand, with press-to-talk switch on top. Has a spring-loaded "Curly Cord" 1' long which stretches out to 4 1/2', and 3-circuit PL-68 New Condition, new. Shpg wt 1 lb.

RS-38 Mike Hanger \$1.00 \$7.50

AIR FORCE HAND MIKE

50 ohm carbon mike.



T-17-D. The D-Model is the only one which is CAA Type Certificated, with built-in capacitor for best concentration of power in only that frequency spectrum which contributes to intelligibility. The Aristocrat of carbon mikes. Has handmolded-in hook to hang it up. Press-to-talk switch on the side makes the mike circuit before it fires the control circuit. Latest model. Brand New. Shpg wt 2 lbs. Cat. 986MC11. \$8.75

CHAMOIS PADS

NAF-48490-1. New, Pair. \$3.95
Not NAF. New, Pair. 2.95

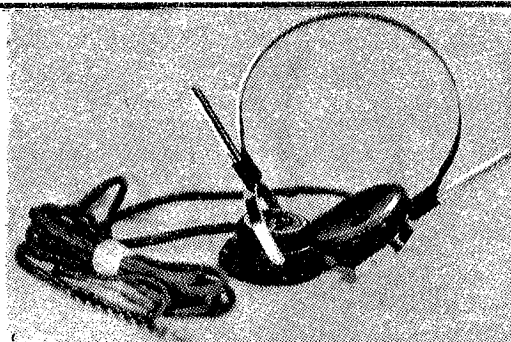
THE ORIGINAL \$45.00

HIGH-FIDELITY

FOR MUSIC-FOR MONITORING -FOR VOICE

These original Permaflux Hi-Fi units use annular grooved plastic fibre cones with voice coils as in speakers. Each unit has a built-in Hi-Fi 8 ohm to 300 ohm transformer. The pair is 600 ohms. Chamois cushions along with a leather headband equipped with cord and PL-54 plug are provided. A CD-307 5 foot extension cord described above is optional.

These sets are new. \$12.95



PROFESSIONAL TYPE PHONES

High impedance headset, 4000 ohms, of black plastic with an adjustable spring headband for a snug comfortable fit. Complete with a long flexible cord and two standard phone plugs.

AN UNUSUALLY LOW PRICE FOR THIS POPULAR, MULTI-PURPOSE HEADSET.

Shpg wt 3 lbs. \$2.95
Cat. No. 506ES48. \$10

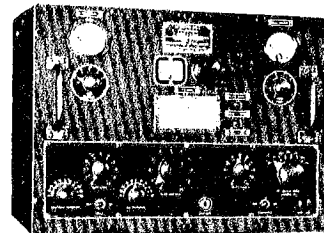
15 to 600 KC

RBA Navy low frequency

Receiver

Communications receiver
15 to 600 KC in 4 bands
TRF circuit.
Good used cond. \$69.50

Power supply for RBA \$25.00



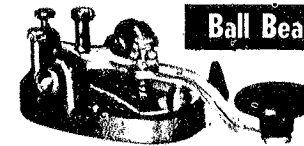
Selenium Cartridge Rectifier



High voltage low current.
Excellent for scope power.
3000 PIV @ 10 MA.
International Rectifier.

98¢ ea 6 for \$5

Ball Bearing SPEED KEY



STANDARD PRECISION-BUILT TELEGRAPH KEY. Heavy brass base is drilled for mounting screws. The eight ballbearings supporting the key are completely adjustable for friction. Has 1/8" pure silver contacts and is easily adjustable for contact spacing and tension. Semi-automatic keys can be plugged in if desired.

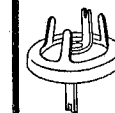
QUALITY FOR ONLY \$2.49

Order No. 9-KY-301.

WESTON

311 Potential Transformer 6900-3450 Volts to 115. Capacity: 25VA-50 to 2400 CPS 15.00
8008 Type 2A Moisturonic Moisture Meter 35.00
796 Megohmmeter 45.00
772 Voltohmmeter 35.00

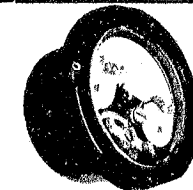
BUTTON MICA CAPACITORS COMPACT SIZE



500 MMfd

15¢ each
10 for \$1
100 " \$7.50

AT-4/ARN-1 AIRCRAFT ANTENNA. For APN-1 and SCR-718 radio altimeter. New. \$12.50

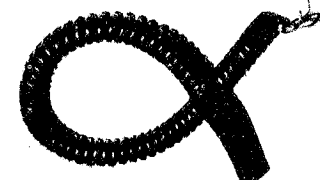


Meter Relay

Simpson model 85--3 1/2"R '32 to 64 VDC range adjustable to both upper and lower desired limits

2.95

SPRING COIL CORD

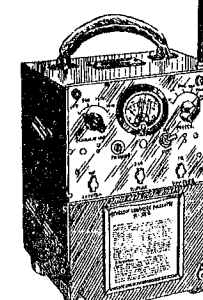


\$1.00 each 6 for \$5.00

4 conductormicrophone cable with lugs in both ends. Normal length is 18 inches. During use it will expand to over 5 ft. Heavy rubber casing to insure long life.

Test Oscillator

Nice aluminum cabinet (BC 221 style) contains Weston 0-1 MA meter, 3 CR1 crystals, six tubes, slug tuned ceramic coils, 1N21 xtal, cavity, switches, etc, etc, in excellent condition - all for only \$15.95



COAX CONNECTORS

UHF Connectors

		New	Used
UG-175/U	Plug	PL 259	49¢ 29¢
50-239	Socket	SO 239	49 29
PL-54	Angle	M 359	49 29
	Insert	UG 175	12
	"	UG 176	12
PL-259D	Double Female	PL 258	59
UG-1094	Double Male	PL 259D	89
	"T"	PL 258T	\$1.79

	"BNC"		
UG 88	Plug	UG 88	59¢ 39¢
UG 260	"	UG 260	59 39
UG 290	Socket	UG 290	59 29
UG 1094	"	UG 1094	59 39
UG 414	2 Fem.	UG 414	
UG 123	Cap&chain	UG 123	
UG 155	Cap	UG 155	1¢
UG 159	Short	UG 159	2

	"N"		
UG 18	Plug	UG 18	59¢ 29¢
UG 21	"	UG 21	59 29
UG 58	Socket	UG 58	59 29
UG 30	2 Fem.	UG 30	99 49

UG-201/U BNC to N (fem) (m)

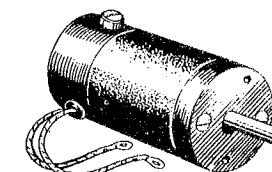


New 69¢ ea
Ten for \$5

RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY

Entire transceiver
less tubes 7.95
With all tubes 14.95



HICKOK Tube Adapter

Update your tube tester with this Hickok adapter for checking 829, 832, 5894, 82-3, etc, power tubes. #E-105 N.

New 1.00

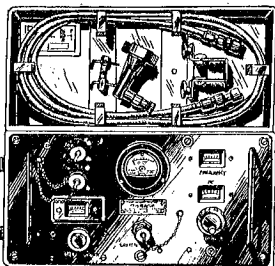
\$2.95 BUYS A BALL-BEARING AC/DC MOTOR, 12/30 VOLTS

Univ. Electric's 27C7, made to Air Force specs. Totally enclosed series wound. 1-5/8" dia., 2-9/16" long. Turns CCW looking at shaft end, at 9500 RPM, approx. .01 HP, continuous blower duty. 1/4" shaft, 3/4" long. New. 2 lbs shpg. \$2.95

Arrow Sales

X-BAND GO/NO-GO ECHO BOX TS-488A/UP

F
A
A
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V
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D



FUNCTIONAL DESCRIPTION:
A portable general purpose, field-type, hand tuned unit used to provide simple and rapid means of determining the overall system performance of radar sets. It is used to make the following radar equipment checks: comparative measurement of the average power output of the radar transmitter, determination of the frequency spectrum, multiple moding, and frequency pulling of the radar transmitter, and the speed of recovery of radar T-R box and receiver. Resonance is indicated by meter deflections and frequency is read on the tuning dial.

POWER SUPPLY: None required.
FREQUENCY RANGE: 8990 to 9610 megacycles per sec.
TYPE OF RECEPTION: Continuous wave or Pulsed.
RING TIME: 25 microseconds or 4,000 yards with a transmitted pulse width of 3/8 microsecond.
Q: Approximately 60,000.
FREQUENCY ACCURACY: Difference between errors at frequencies 60 megacycles per second apart: 1.5 megacycles per second. The maximum frequency error over the range 8990-9610 megacycles per second. (Accuracies measured at 77°)
METER RANGE: 0 to 20 microamperes.
METER SENSITIVITY CONTROL: 0-25 decibels in 1 decibel divisions.
TEMPERATURE RANGE: -54°C. (-65°F) to +60°C. (+140°F)

Order No. TS-488A/UP.....
Shpg wt. 50 lbs. **\$189.50**

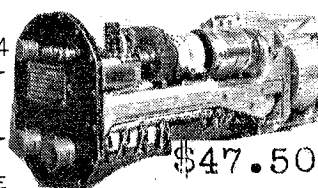
BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT
OPERATES FROM 115 VOLT 400 TO 2400 CYCLE.
SIZE: 15x9x8; WT: 13 LBS. PRICE: USED \$18.95

274/ALA-10 PANORAMIC CAPTER INDICATOR; FOR USE WITH RECEIVERS HAVING 30 MC F. FREQ. FRONT PANEL CONTROLS. PRF, HOR, CENTER FREQ, INTENSITY, FOCUS, SYNC, PAN
12. WITH TUBES 3BP1, 1B3, 1J3, 3/28D7, 12AU7, 6SN7, 88A, 6SL7, 6J6, 6AC7, 2/6BA6, 6AL5, 6X5 & 6BE6. POWER REQ. 115 VOLT 380-1000 CYCLE.
TRANSFORMER OUTPUT VOLTAGE: 25V .2A, 650V 2MA, 300VDC 70MA, 3V .9A, 6.3V 4.65A.

E x c. \$14.95

COUPLER

ANTENNA COUPLER FOR EMOTE OPERATION.
RANGE APPROX. 2 TO 24 C. 200 WATTS. MOTOR-IZED VARIABLE VACUUM CAPACITOR 300 MMF. 500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISTOR TUBES 4/5727, 2/5670, 3/6201 ETC.



FREQUENCY METER
Designed to measure Pulse or CW frequency in the 3CM or 9 CM band. Uses a tuneable line coupled by a inductive loop across a crystal circuit. Indication is on a 3" 0-200 DC Microampere meter.

UNUSED \$14.95

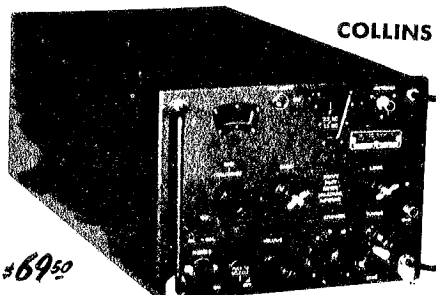
COLLINS

R 388

Receiver

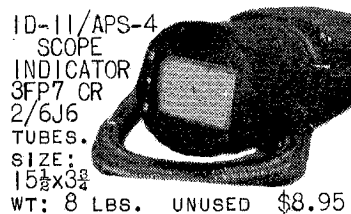
\$395.00

Receiver Unit R-105/ARR-15
COLLINS



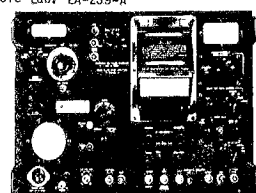
General: Covers 1500 to 18500 KC. I.F. of 500 kc plus or minus 50 kc one oscillator determined by 100KC crystal and harmonics of 100 KC are used for calibration. Two other oscillators are variable 2000 to 3000 KC and 450 to 550 KC (BFO). Both variable oscillators are precision built both mechanically and electrically, providing exceptional stability. Good condition with all tubes, 100 KC crystal and schematic or a copy of "73" magazine covering conversion if conversion is desired.

a modern PTO receiver
in the classic Collins design



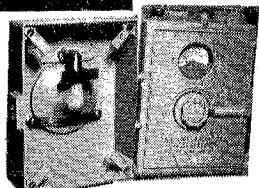
WT: 8 LBS. UNUSED \$8.95

TS-239/UP OSCILLOSCOPE
Lavoie Lab. LA-239-A



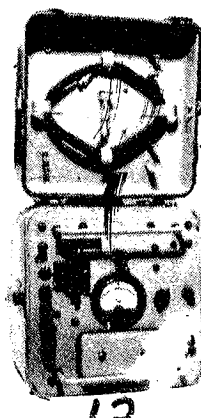
POWER METER

TS-125/UP POWER METER
PORTABLE GENERAL PURPOSE, BATTERY OPERATED INSTRUMENT USED TO MEASURE RADIO FREQUENCY POWER IN THE 2400 TO 3335 MEGACYCLE RANGE, CONTINUOUS WAVE OR PULSE. TWO SCALES ONE IN MILLIWATTS, OTHER IN DECIBELS ABOVE AND BELOW ONE MILLIWATT. POWER RANGE 0-2/4 MILLIWATTS W/ ATTENUATORS ABOVE WITH PICK-UP ANT. BATT. REQ. 4.5VDC. WT: 14 LBS. USED \$39.50

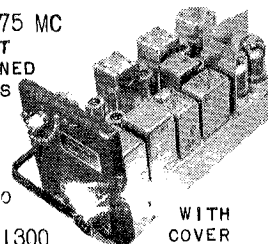


**UPM-8
Signal
Generator**

\$40.00



R-122/ARN-12 RECEIVER; 75 MC FIXED FREQ. FOR AIRCRAFT MARKER BEACON USE. DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL AND VISUAL INDICATION TO THE PILOT SO THE POSITION OF THE AIRCRAFT CAN BE IN RESPECT TO A RADIO RANGE STATION. RECEIVES AM SIGNALS MOD. AT 400, 1300 & 3000 CPS. SIG. OPERATES FROM 24 VDC. WITH TUBES 5/AJ5, 2/6AL5 & 2/28D7. CRYSTAL CONTROL OSCILLATOR, 6.9 MC. I.F. NO INDICATORS. SIZE: 10x5x6; WT: 10 LBS. PRICE: USED \$6.95



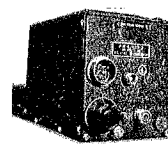
MOTOROLA Mike

TMN-6000 or similar-Transistorized mobile microphone complete with coiled cord-used but guaranteed operable.

#6.95

Motorola Test Set

Convert this handsome piece of surplus gear to a Motorola test set. Beautiful two piece aluminum carrying case with 3 1/2" 100-0-100 microamp meter, ceramic rotary switch microswitches, octal based crystal oven to fit small metal can crystals, and many other parts. New \$14.95 Used \$10.95



#6.95

DOUBLE - CONVERSION

R-4/ARR2 Receiver

This versatile command size receiver is being used on everything from BC & citizens band to 420 MC. Designed to cover 234 to 258 MC it has 11 tubes with a first IF of between 540 & 1030 KC switched by 12 pre-tuned coils, manipulation of which provide the fun. 2nd IF is 200 KC. Includes BFO. Furnished like new with tubes and schematic.

#6.95

COAX RELAY

Danbury-Knudson Type CR 26

24/48 VDC - SPDT - 100 Watt
Uses BNC connectors. \$4.95

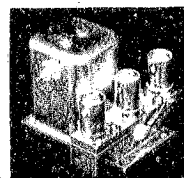
DANBURY-KNUDSON Type CS 300

24 VDC - SPDT - 100 Watt
BNC connectors

\$3.95

UG88 BNC connectors

For these relays:
Used 3 for \$1.00 New 3 for \$1.75



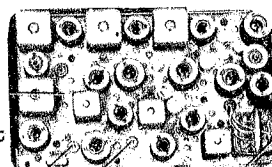
RIGHT ANGLE DRIVE

Govt. #MC-211A used with flexible shafts. Having male and female splined couplings. Mfg. by W.E. Co.

.30 ea.

ARC 27

I.F. Amplifier and Audio Unit.
Less Tubes \$1.95
(Tubes available at nominal cost)



RTTY

Converter Sub-assembly

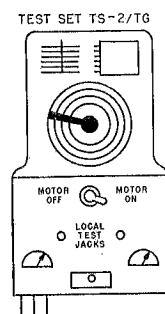
P/O CV89A/URA-8A

Discriminator sub-unit part of frequency shift converter CV89A/URA-8A. This unit cost the Navy \$330.00 and is brand new in original export packaging complete with tubes. Schematic and connector arrangement for input and output is furnished with order. Shipping weight 15#



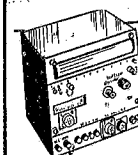
\$2.95

TS 2/TG



A portable teletypewriter signal distortion test set arranged to transmit normal or distorted signals for testing teletypewriter circuits and equipment.

#67.50

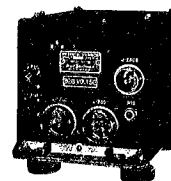
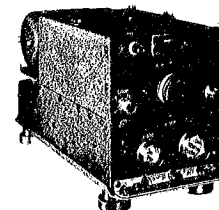


RT82/APX-6 1215 to 1296 MC Transponder complete with tubes.

\$22.50

A. R. C. TYPE 12 EQUIPMENT

Manufactured by AIRCRAFT RADIO CORPORATION



R10 Receiver - B/C Band	520-1500 KC	New	\$17.50
		Used	12.50
R11 "	Q-5er 190-550 KC	New	17.50
		Used	12.50
		Less Tubes	6.75
R13 "	Aircraft 108-135 MC	Used	24.50
	Dented & Less Tubes		12.50
R19 "	Two Meters 118-148 MC	Used	19.95
		New	39.95
T13A Transmitter	118-148 MC	Used	24.50
T20 "			
	20 channel Crystal (HCB Metal)	Used	29.95
	With 20 random Xtals		37.50
TV10 Transverter (8 crystal channels)			
	Transmits 228 to 258 MC		
	Converts 228 to 258 MC signals to 118 to 148 MC	New	24.50
C744 Control box - calibrated for R11,			
it may be recal. for the other			
receivers listed above.		Used	1.75
MC-215 Mechanical linkage with spline			
fittings.			1.00
PL-151 6 pin connector		Ea.	.50
PL-152 8 pin connector		Ea.	.50
D-10-A Dynamotor (specify 12 or 24 V)		Ea.	10.00

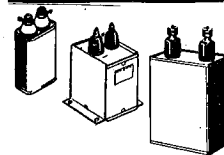
BENDIX Antenna Relay Model 3984

DPDT ceramic insulated antenna relay completely enclosed in good looking aluminum box 2"x3"x4" with 3 spring loaded external posts. Operates on 12 or 24 volts DC. New cond. \$2.95

Schematics

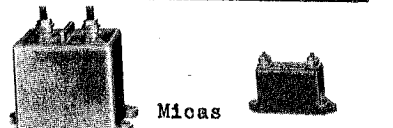
I 81 and I 82
Tone Filters
R4 ARR2
BC 620
BC 659
R 122/ARN12
R10/ARC12 65¢ each
PRS 3
ID 189
BC 458
ARC 5 Receiver
95¢ each
SCR 522
T 61/AXT2
ARB
SCR 274N Receivers
SCR 274N Trans.
MN 26C
R 19 ARC 12
BC 779 Super Pro
R 105/ARR15
CV 108/URA8
R111A/APR5
APR 4
CV 253 ALR
ARC 4

CAPACITORS



OIL FILLED

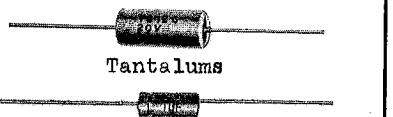
100 MFD	3000 VDC	\$37.50
100 MFD	4000 VDC	\$47.50
2 MFD	4500 VDC	\$4.95
1 "	4000 "	1.75
2 "	3000 "	2.95
1 "	2000 "	.79
10 "	600 "	.99
4 "	600 "	.49



.0001 MFD	9000 VDC	\$6.95
.0001 "	5000 "	1.75
.002 "	5000 "	2.25
.001 "	1250 "	.19

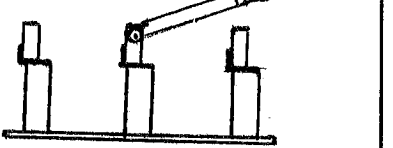
25 MMFD 10000 VAC \$0.99

Electrolytics		
20 / 20 MFD	450 VDC	\$0.39
30 "	600 "	.39
800 "	50 VDC	.49



Tantalums		
.1 MFD	75 VDC	\$0.25
1.8 "	30 "	.25
4.7 "	35 "	.29
22 "	30 "	.29
27 "	30 "	.39
33 "	75 "	.39
36 "	150 "	.39
60 "	50 "	.49
100 "	30 "	.59
390 "	10 "	.39

Antenna-Knife Switch.

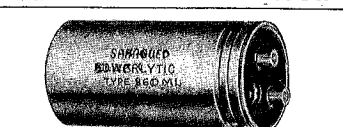


Heavy Duty SPDT - 2" x 8" x 3" H \$1.49



4 figure mechanical 89¢

COMPUTER GRADE ELECTROLYTIC CAPACITOR



MFD	VDC	Price
10200	12 10	.95
12000	14 11	.95
17000	18 15	.95
60000	25 20	2.95
11500	30 25	.95
4000	40 33	.95
7400	45 35	.95
18000	45 35	2.45
12800	100 75	2.95
1400	120 100	.95
3000	135 100	1.95

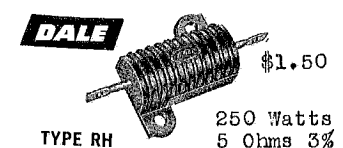
Pigtail Lytics		
2000	20	.59
2000	15	.49
2000	10	.39
Octal Plug-in		
30 - 600 VDC - .39¢ ea.		
10 for \$3.25 100 for \$25.00		

Power Rheostats

2 ohms	50 watt	\$.49
50 "	50 "	.98
90 "	50 "	.98
90 "	100 "	1.19
125 "	50 "	1.19
1250 "	150 "	1.95
25000 "	4 " (Pot)	.49

ELAPSED TIME INDICATOR

Haydon 7008-002
115 V 380 to 420 CPS
2 watts
Range: 0 to 10000 Hrs.
Removed from equipment
but guaranteed operable. \$2.95



DALE TYPE RH 250 Watts 5 Ohms 3% \$1.50

RUNNING TIME METER

Haydon synchronous drive elapsed time meter totals up to 10000 hours operates on 115 volts 60 cycles. Exo. cond. Only \$3.95

SILICON RECTIFIERS

STUD

MW 1306	150 Amp.	50 PIV	\$2.95
IN 1190	35 "	600 "	2.95
303E	18 "	300 "	1.95
IN 1192	18 "	100 "	1.39
368B	15 "	100 "	.95
MW 150	6 "	100 "	.49
341A	6 "	50 "	.49
IN 253	1 "	100 "	.29

TopHat

MW 160	1.5 "	800 "	.59
MW 140	1.5 "	600 "	.39
RN 126	100 MA	400 "	.15

EPOXY (Mini)

IN 4007	1 Amp	1000 VDC	.59
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General Purpose

IN 82	.29
IN 198	.10
IN 263	.29
IN 457	.15
IN 497	.15
IN 645	.39
IN 914	.15

Zener

IN 754A	.39
IN 430	3.50

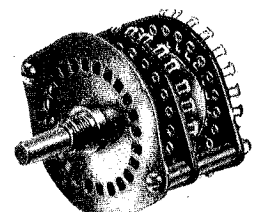
6 Volt Bell

Miniature 1 1/2" Diam.
3" x 1 1/2" x 1/2" O.A.
New \$1.25

TERMINAL BOARDS

4 Term.	.19¢
6 "	.26¢
8 "	.32¢
12 "	.39¢
20 "	.59¢

ROTARY SWITCH

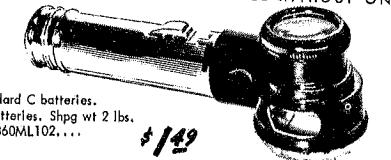


2 deck - 17 positions each. Heavy duty MYCA-LEX stator - CERAMIC rotor - for low loss high resistance insulation - silver contacts late military type. Max. diam. 2 1/2 inches.

New \$1.95

ILLUMINATED MAGNIFIER

WITH CALIBRATED MEASURING FIELD... NO DESK OR WORKBENCH SHOULD BE WITHOUT ONE



Uses 2 standard C batteries. Sold less batteries. Shpg wt 2 lbs. Cat. No. 360ML102...

FREE --- This magnifier free if you ask for it with \$17.50 order.

HEINEMANN CIRCUIT BREAKERS

AM 12 HK	4 amp	- 50VDC Max
"	5 "	" "
"	6 "	" "
		.49¢ each
AM 33 MC	3 - 12.5A	120VAC 60cps
		.59¢ each
10 for	\$5.00	100 for \$40.00

LATE SPECIALS

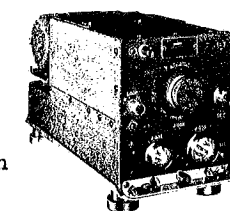
118 to 148 MC

R19/ARC Receiver with tubes Exo. \$19.95

190 to 550 KC

R11/ARC - Q'5er Receiver with tubes Exo. \$10.95

RECEIVER



ARC-3 100-156 MC

ARC3 Transmitter

T67/ARC3 100 to 156 MC transmitter less tubes \$10.95

R 77/ARC3 Exo. complete with tubes \$29.95

T67/ARC 3 Exo. complete with tubes \$29.95

Transistors

2N329	\$1.00
2N352	.50
2N396	.25
2N657	.75
2N697	.25
2N1050	4.00
2N1132	.35
2N1150	.25
2N1302	.20
2N1305	.20
2N1375	.40
2N2270	.25
2N2876	3.75
2N2907	.85

Insulated Tip Jacks and Tip Plugs

Jacks 10 (5 Red - 5 Blk) (rem. fr. Equip) .79¢

Plugs 10 for .79¢

Banana Jacks & Plugs

20 of either (or mixed) \$1.00

Insulated Alligator Clips 10 for .99¢ (5 red - 5 black)

HAND - GENERATOR

GN-38 \$4.95

G 25A Fully Enclosed cylindrical Generator with crank assembly \$2.95



Crank Knob 59¢
2 1/8" Diam.
for 1/4" Shaft

Intercom Cable

6 Pair combination(1 pr #18-6 pr #22 Polyethylene insulation .015"

PVC jacket 3/64" (12 solid conductors) 100' for \$5.95

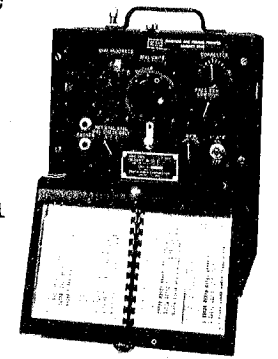
6 Conductor #18 Stranded - Rubber Outer jacket - shielded inside 100 Ft. \$5.95

FREQUENCY METERS

BC-221* 125 to 20,000 KC
*(various models in stock)
From \$49.50 to \$79.50

TS-175 - 80 to 1,000 MC \$124.50

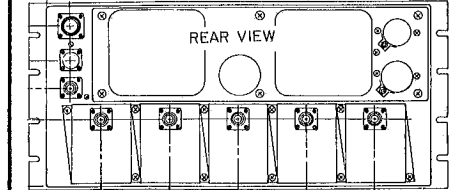
RA-133 - Power supply for meters above. (These are original govt. equipment and fit internally) \$34.50



Frequency Meter TS-186D/UP 100 to 10000 MC A FINE SAMPLE OF ARROW QUALITY TEST EQUIPMENT

TS-186/UP is a crystal controlled, heterodyne-type frequency meter. Power required is 115VAC 50 to 1000 CPS. Frequency range is 100 to 10,000 MC, CW, MCW or pulse. \$99.50

ANTENNA COUPLER CU-168/FRR



Antenna Coupler CU-168/FRR is a device which couples up to five independently operating receivers to a single receiving antenna. The primary power source can be either 105, 115, or 125 volts, at any frequency from 50 to 400 cps, single-phase. Each of the five r-f amplifiers contains four type 12AU7 double-triode amplifier tubes and related components. Exo. \$49.50 Tech Manual \$3.50

POLARAD SSR

Micro Wave Signal Source 630 to 1300 MC \$59.50

WE BUY - WE TRADE WHAT DO YOU HAVE???

POWER SUPPLIES

Variable A.C.

Zero to 135 VAC 60 CPS at 4 Amps from 90 to 125 input.

Output is regulated.

This unit has Variac for continuous coverage. It is the R500 Regulated Voltbox by Superior Electric. \$49.50

Zero to 300 VDC at 1 Amp.

Soren E 300-1 Nobatron Input is 90 to 130 V.60 CPS. Employs 2-3B25, 8-6AS7, VR150 etc. plus both current and volt meters. \$49.50

H1 Volts

PS-4 High voltage power supply for up to 12" CRT's, plus 6.3 and 2.5V and intensity and focus controls. Fully enclosed in nice size ventilated cabinet. \$9.95

6 to 62 Volt DC at 5 amps

This versatile power supply employs a constant voltage transformer, T47604 described on the transformer page, 5 separate computer grade filter capacitors and 10 Westinghouse #368B Silicon Diodes rated at 15 amps 100 VDC

The outputs at each of 5 points can also be combined, and 23 voltages between 6 and 62 at a minimum of 5 amperes each can be obtained.

The voltages between 6 and 21 have 10 ampere capability. \$27.50

Regulated Power Supply for various units

PP 106/U - Voltage adjustable 90 to 300 VDC at 85 MA with simple knob control; also select AC of 6.3 at 5A, 12V at 2.5A or 24 V at 2.5A \$19.95

Zero to 500 / Zero to 150 VDC at 500 MA

Sorensen 500BB Nobatron Input is 115V-60CPS Variac controlled for continuous coverage. 2 Large 4 1/2" Square meters for both current and voltage outputs. \$69.50

ARROW SALES - CHICAGO, INC.

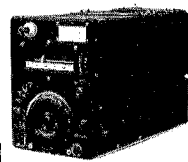
Command Sets

Receiver R27/ARC5-BC 455
6 to 9 MC with tubes \$16.75

R 25/ARC5
1500 KC / 3000 KC
with tubes \$24.50

Other Receivers

190 to 550 KC \$17.95
550 to 1500 KC 24.95
3 to 6 MC 24.95



Transmitter

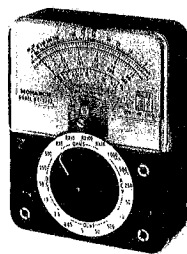
T21/ARC5 - BC 458
5.3 to 7 MC

Used \$4.95 New \$7.75

85 KC - IF Transformer BC 442 Antenna
.98¢ ea. - 3 for \$2.75

Current meter
New - Complete \$4.95

2830 KC IF Transformer New - Less Vac.
.39¢ ea. - 3 for \$1.00 Capacitor \$3.50



MT-220A

PROFESSIONAL DELUXE
VOLT OHM METER
ACCURATE-EASY-TO-READ

A compact, precision VOM with 1% resistors and single range selector dial.

DC volts: 0-2.5-10-50-250-500-5000 volts at 20K ohms per volt;
AC volts: 0-10-50-250-500-1000 volts at 10K ohms per volt; DC current: 0-0.05-5-50-500 ma.
Resistance: 0-12K-120K-1.2 Meg-12 Meg. Decibels: -20 to +62db.
Case dimensions: 5-1/2" x 3-1/2" x 1-1/2". Complete with test leads and battery.
\$12.95

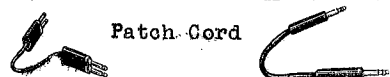
WE BUY - WE TRADE
WHAT DO YOU HAVE?

TS-375/U



V-T-V-M

Exc. \$45.00



Patch Cord

Twin Plug each end - 5' Long
\$2.25

PL55 to PL 55 48" Long
\$1.49

Test Oscillator

Teletronics Labs - 19 Push button frequencies starting at 400 cycles and up to 70 KC. Each is variable plus or minus 15 % with aid of front panel control. Outputs of low and 600 ohms.

Exc. \$29.95



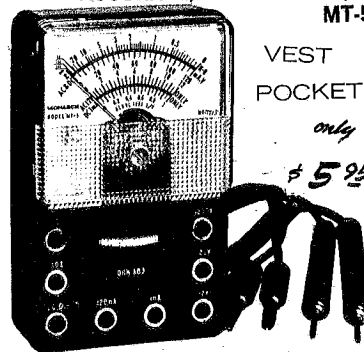
SS 10- 2 level - 13 steps each
1 level - 26 steps
24 or 48 VDC New \$3.95

FINE PRECISION VOM
MINIATURE "TINY TESTER"
ACCURATE, DEPENDABLE.

MT-5

VEST
POCKET

\$5.95



1,000 Volt Ohms AC, 1,000 Ohms DC. AC Voltage: 12V, 1200V. DC Voltage: 12V, 120V, 1200V. DC current: 1mA and 120mA. Resistance 100K Ohms. Measures only 2-1/4" x 3-1/2" x 1-1/8". Complete with standard banana jack, test leads and battery.

FIELD STRENGTH METER

\$6.95

A compact 1 to 250 Mc unit designed for checking antenna efficiency, load matching, etc. Batteries and other power sources are not required. Features easy-to-read plastic-enclosed meter, earphone monitor jack and telescoping antenna that extends to 10-3/4". A grip magnet is mounted on bottom of case. Dimensions: 2-3/16" x 3-3/16" x 1-9/16".

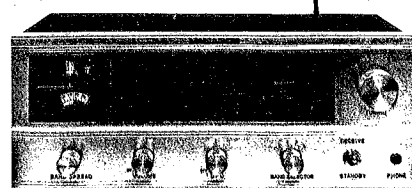


HAM-1A

FEATURE-PACKED SUPERHET RECEIVER

A budget-priced 535 Kc to 30 Mc receiver with all the popular features. The HAM-1A has a sensitive "S" meter for signal strength evaluation, and wide, slide-rule dial. It also features Calibrated Band Spread, AVC noise limiter, BFO stand-by switch with terminal transmitter, phone jack and big PM speaker. A powerful built-in antenna brings weak stations in loud and clear. Comes in metal cabinet with handsome, brushed aluminum control panel.

\$59.50



HAM-1A

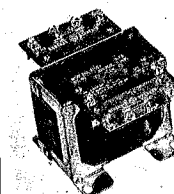
TRANSFORMERS

High Amperage

12 Volts - 24 Volts

750 VA.

115 or 230 12V - 60 Amps or 24V - 30 Amps \$14.35



Approx. 4 1/2 x 4 1/2 x 7" O.A. 18#

16 volts - 32 volts
750 VA.

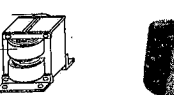
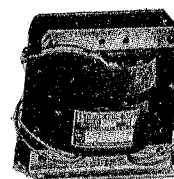
115 or 230 16V - 45 Amps or 32V - 23 Amps \$17.75

CONSTANT VOLTAGE TRANSFORMERS

STATIC-MAGNETIC VOLTAGE REGULATING TRANSFORMERS

These are open frame type transformers that use an external capacitor. T47926 can be used as a line isolation transformer. Combinations of voltages are possible with each of them. Capacitors at \$1.95 each are available for each.

10 Amp. 14V 3 Amps. 14V 4 Amps. 20V 5 Amps. 34V 3 Amps. 60V \$12.50



10 Amps 18V 36V \$10.95

115 or 208 13.5 10 Amp. 27 Volts 33 2 Amp. 66 Volts

T57055 - \$11.50

10 Amp. Sec. 12.5V 65V 52.5V 117V 12.5V 130V \$14.95 - T47926

audio



250 to 20000 cps
10000 ohms to 600 C.T.
5 MADC

100K 600 C.T. 13/4" x 2 1/2" \$1.95 Hermetically Sealed

Super - Matching

22K C.T. 600 5200

Ouncer Size 3/4 x 3/4 x 1" .98¢

MIDGET TRANSFORMER FOR TRANSISTORS

125K C.T. 452 ohms 1/2" x 3/4" 29# open Frame

CHOKES

2H 130 MA .69
5H 250 MA 2.50
3H 1.5 Amps 9.95

Sola
Constant Voltage

190 to 250V - Inp.
230V - 2.1A - Out
60 cps - 1 Ph. 500VA \$4.95

TRANSFORMER: POWER. \$2.95

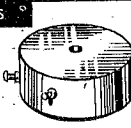
Wind. No. Wire Ohms d-c Volts Amps. Freq. Turns Size Res. CFS

Prim. 475 24E 5.5 115 .575 60-1200 HV 4750 34E 600 550-0-550 .050

Triple varnish impregnation; mounting centers 1-15/16 x 2-5/16.

HYCOR MOULDED TOROIDS

88 MH Open Rtty .79
100 MH Open .49
72 MH Potted .49
25 MH Open .39
10 MH Open .39
25 UH Open .39



Miscellaneous values 10 assorted for only \$1.95

0 105 110 115 119 125 1160V 500 VA 1160V

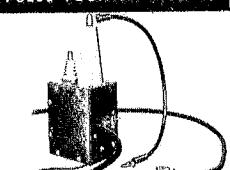
\$17.50

RM-52
REMOTE CONTROL
for Phone Patchers

Also can be used with RM-53 as separate phone system; direct control for radio equipment. Provides bias for misc. and Sidetone headset. High or low impedance.

only \$2.95

PULSE VOLTAGE DIVIDER

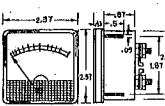
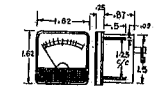
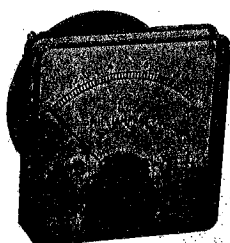


Exc. Cond. Shpg wt 8 lbs. Cat. No. 3561T589..... \$24.50

TS-89/AP. Primarily for dividing voltages so that they may be viewed on an oscilloscope. May also be used as a means of employing various oscilloscopes to measure video pulses in excess of 200 V in high impedance circuits. Two input circuits in series with different capacitances which provide two ratios and voltage ranges. Video Frequency range with voltage ratios of 100:1 and 10:1. Voltage limit: 20 kilovolts. Accuracy ratios within + 15% of designated values. Contained in metal box 5 x 4 x 10"

BRIGHT-VUE PANEL METERS 2 POPULAR SIZES

Range	Small	Price	Large	Price
0-50 Microamps DC	P-1S	5.95	P-1L	6.45
0-100 "	P-2S	4.95	P-2L	4.95
50-0-50 "	P-18S	5.45	P-18L	5.95
100-0-100 "	P-3S	4.95	P-3L	5.45
0-200 "	P-4S	4.95	P-4L	5.45
0-500 "	P-5S	4.25	P-5L	4.75
0-1 Milliamps DC	P-6S	3.95	P-6L	4.75
0-10 "	P-31S	4.25	P-31L	4.75
0-100 "	P-7S	3.95	P-7L	4.75
0-200 "	P-8S	3.95	P-8L	4.75
0-300 "	P-9S	3.95	P-9L	4.75
0-500 "	P-10S	3.95	P-10L	4.75
0-15 Volts DC	P-11S	3.95	P-11L	4.75
0-30 " "	P-13S	3.95	P-13L	4.75
0-500 " "	P-15S	3.95	P-15L	4.75
0-15 " AC	P-12S	3.95	P-12L	4.75
0-150 " "	P-14S	3.95	P-14L	4.75
0-10 Amps DC	P-16S	3.95	P-16L	4.75



VU-100C Small \$4.95
VU-102C Large \$5.45

SENSITIVE RELAY



BK-7. Single-Pole, Double-Throw. 4000 ohms. Sensitivity accurately adjustable by altering spring tension with pointer on an arbitrarily-calibrated scale. At "5", sensitivity is 500 microamperes (2 volts across coil) and from "5" to "40", the sensitivity decreases linearly to 1.5 ma (6 volts across coil). Fully encased, 1 1/2" x 3 3/4" x 1 1/4". Weight 6 oz. With hinged contact-inspection door and screwdriver-adjustable stationary contacts. Shpg wt 1 lb. **\$1.95**
Cat. 206RY1

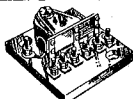
24 VDC 6PDT RELAY



Shpg 1 lb Cat. 206RY59.

No. 220XFX101 from Struthers Dunn. Sealed can with 20-pin ceramic base. 1 1/8" dia x 1 1/4" L. **\$1.95**

24 V DC RELAY



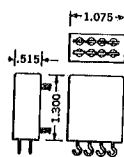
Struthers-Dunn 61KXX100. 3PST. 24 v dc. Mounted on 3/8" bakelite base, 3" x 2 3/4". Normally open contacts will carry 10 amps. 75 Ohm coil. Shpg wt 1 lb. Cat. No. 106RY47... **\$1.95**



CRYSTAL CAN RELAYS

Double pole double throw

Coil is rated 24VDC but These are guaranteed to operate at 12 VDC. Removed from new equipment. 79¢ ea
8 for \$5



23 Pole ST

250 ohm 24 VDC coil

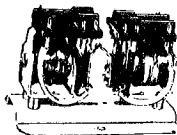
New \$1.95



LATCHING & INTERLOCKING RELAYS

Dual relay assembly consists of one 10 amp contacts 3PDT and one 10amp contacts 5PST relay. When either coil is pulsed (24 vdc 9 ohm) that relay closes and latches and the other opens.

New \$1.95



SEALED RELAY



PLATE relay - 7500 ohm coil - DP-ST-NO. Closes as low as 25 VDC. Guardian #56276 New 79¢
Quantity price on request

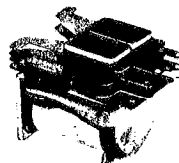
MIDGET



12 VAC 60 cycle coil
5 amp SPDT contacts

New \$1.19

4.P.D.T. "A.C." RELAY



C. P. Clare short telephone type 115 volt A.C. 50/60 cycle relay with 4 P.D.T. Coil silver ten amp contacts. D.C. resistance 150 ohms. Overall size 2" long x 2 15/16" wide x 2" high.

EACH \$2.25

Leach type 2069

3Pole double throw

25 Amp. contacts
24-28 VDC coil

New \$1.69



D.P.S.T. 12VDC Relay
15 Amp. contacts \$1.50

D.P.D.T. 12VDC Relay
15 Amp. contacts \$1.95



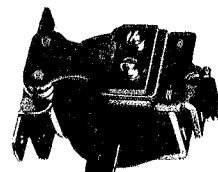
Miniature Sealed Relay
5000 ohms S.P.D.T.
Round can 1/2" x 1 1/2"
Standard 7 pin tube base. **\$1.29**

SIGMA 4F-8000S

Sensitive --- 8000 ohm coil -- operates at 1.6MA
Standard 5 pin tube type base and removable aluminum dust cover.
New \$2.95



A-C RELAYS



115 VAC 60 cycle coil

Heavy duty contactor good for 20 to 30 amps. SPST

Unused \$1.79

CONTACTORS



LEACH type 7220-12

12 VDC 33 ohms

200 Amp

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