

ED FRENCH P.O. BOX 249, AURORA, ILLINOIS 60507, Phone (312) 859-0363

AN/GRR-5 RADIO RECEIVING SET

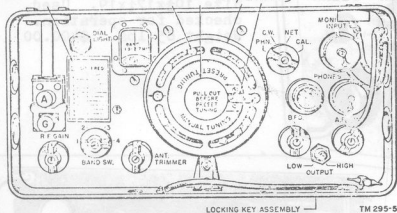


Figure 12. Radio Receiver R-121/URR, front panel.

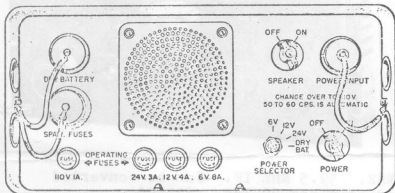
Radio set AN/GRR-5 covers the frequency range of 1.5 to 18 MHz in four bands. Receives AM, CW, MCW. Superheterodyne receiver design contains the following tubes: 3V4, 1U5, 3/1R5, 3/1L4. Power required 115 VAC 60 cycle. Receiver and power supply mounted in two compartment cabinet.

Size: 13½x8½x12½. Weight 65 lbs. Shippable by UPS in two cartons. New, good condition, checked for operation, supplied with AC line cord.

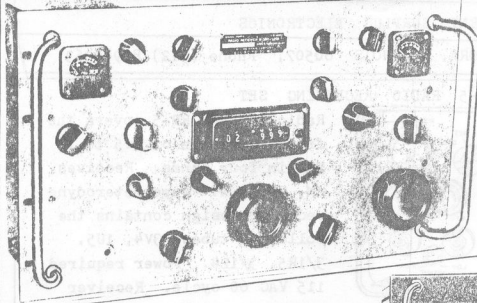
Price: \$60.00 NEW

Tech manual for GRR-5 \$7.00

Antenna Mast sections, MS-116, 117, 118. Set of three \$5.00



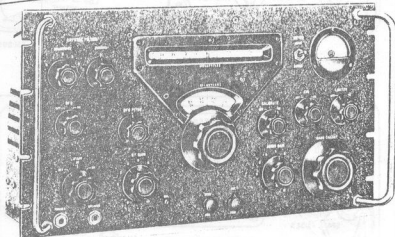
- RT-68/GRC Receiver-Transmitter, 38-54.9 MHz FM, Used, 45 lb. \$25.00
- R-109 Receiver, 27-39 MHz FM, requires 24 VDC, Used 30 lb. \$18.00
- RT-70 Receiver-Transmitter, 47-58.4 MHz FM, Used 20 lb. \$18.00
- AM-65 Power supply for RT-70, 24 VDC Input, Used 16 lb. \$9.50
- AM-598 Power supply for PRC-8, 9, 10, 115 VAC input. 38 lb. \$12.00
- R-11A Receiver, 190-550 KHZ AM, 24 VDC input Used 8 lb. \$10.00
- BC-1206C Receiver, 200-400 MHz AM, 24 VDC Input, used 5 lb. \$8.00
- BC-357 Receiver, 62-80 MHz AM, Used 3 lb. \$6.00
- BC-433 Receiver, 200-1750 KHZ AM, Used 40 lb. \$15.00
- RD-60 Code recorder, 60 lb. used \$7.00
- CEI 415-2 Receiver, 30-150 MHz 4 channels, Solid state, 115 V, 5 lb \$35.00
- CV-431 Converter, 228-258 MHz. Used 10 lb. \$5.00
- Nems-Clarke 1670E General Purpose FM receiver, 175-260 MHz. 115 VAC Used, checked. 30 lbs. \$100.00
- Nems-Clarke REU-300C Range extender unit, extends receiver range to 250-900 MHz in 2 bands. 30 lbs, good cond. \$100.00
- PP-327A/GRC-9Y Power supply, 115 VAC. Used 65 lb. \$20.00
- T-478/APG-46 Transmitter, X-band, Used, 35 lb. \$45.00
- AM-1131/APG-46 Amplifier, 25 lb. Used \$30.00



R-388/URR

Radio Receiver, 0.5 to 30.5 MHz,
AM (voice, CW, FSK), 30 bands.
100 kc crystal calibrated oscil-
lator, BFO, AVC, S meter.
Output 4 or 600 ohm. Power
required 115 VAC 60 cy.
Size 12½x21x13, weight 40 lbs.
Used, checked for operation.
Price: \$300.00

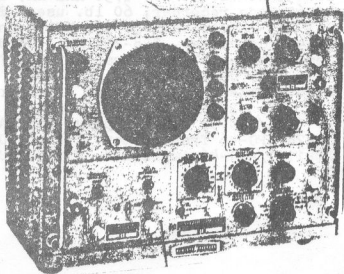
R-391/URR RECEIVER
0.5 to 32 MHz in 32 bands.
AM, CW, FSK. Similar to
R-390. Requires 115 VAC
60 cy. Features AGC, BFO
crystal calibrator, limiter.
Size 10½x17½x19. Used,
checked for operation.
Weight 85 lbs. \$400.00



- APX-6B Transponder, 990 to 1130 MHz, 59.5 MHz IF. Can be converted to 1215 and 1296 MHz. Used complete 30 lbs. \$20.00
- APX-7 Transponder, 1010 to 1110 MHz, Uses five 2C39A, 2 KW power output, Used complete, 35 lbs. \$25.00
- APR-4 Receiver, 38-4000 MHz AM depending on tuning unit used. Requires 115 VAC 60 cy. Used, complete 33 lbs. \$95.00
Tuning units for APR-4: TN-16 38-95 MHz \$20.00, TN-17 74-320 Mhz \$40.00, TN-18 300-1000 MHz \$40.00
- BC-433 Receiver, 200-1750 KHz AM, 3 bands. 24 VDC input. 40 lb \$15.00

USM-140C OSCILLOSCOPE, Dual Trace.
DC to 30 MHz vertical bandwidth.
Vertical sensitivity 50mV to 20 V
per cm. Internal sweep 0.1 u-sec to
5 sec per cm. Sweep magnification
from x1 to x100 in 7 increments.
Horizontal bandwidth DC to 1 MHz.
Voltage .1 V to 100 V peak to peak.
With MX-2930 dual trace and MX-3078
time base plug in units. Size;
14½x19x22, weight 100 lb. Used,
checked. \$200.00

USM-105 Oscilloscope, dual trace.
Similar to USM-140C but with
15 MHz vertical bandwidth.
Used, checked \$100.00



\$1.00 PARTS CRAB BAGS

SPECIAL DISCOUNT
6 grab bags for
only \$5.00

CRIMP TERMINAL ASSORTMENT: Stock No. A1002
Assortment of rings, spades, tabs, etc. 200 pcs for \$1.00

HOOK UP WIRE ASSORTMENT: Stock No. A1003
Stranded wire, 22 to 18 gauge, various colors. Approx 200 feet

SWITCH ASSORTMENT: Stock No. A1004
Includes toggle, rotary, slide, push types. 10 pcs for \$1.00

RESISTOR ASSORTMENT: Stock No. A1008
Assorted resistances, 1/4 to 2 watt. 100 pcs for \$1.00

PANEL LAMP ASSORTMENT: Stock No. A1009
Assorted styles, with lampholder, lens, bulb. 10 pcs for \$1.00

PARTS SUPRISE: Stock No. A1010

An assortment of electronic material such as coils, capacitors, semiconductors, hardware, etc. Approximately 200 pcs for \$1.00

COILS AND CHOKES ASSORTMENT: Stock No. A1021
Mixture of coils and chokes, RF, IF types. 50 pcs for \$1.00

ELECTROLYTIC CAPACITOR ASSORTMENT: Stock No. A1023
Various values of capacitance and voltage. 25 pcs for \$1.00

HEAT SHRINKABLE TUBING: Stock No. A1029
Assorted diameters, colors and lengths. 50 pcs for \$1.00

MINATURE LAMP ASSORTMENT: Stock No. A1031
Type T-3/4 bayonet lamps such as 44, 1829. 15 pcs for \$1.00

BARRIER TERMINAL BLOCK ASSORTMENT: Stock No. A1032
Assorted types, 2 to 20 terminals. 15 pcs for \$1.00

TOGGLE SWITCH ASSORTMENT: Stock No. A1038
SPST, DPDT Types. 10 pcs for \$1.00

RELAY ASSORTMENT: Stock No. A1001
Assorted contact configurations and voltages. 10 pcs for \$1.00

BATH TUB CAPACITORS: Stock No. A1005
Assorted capacitances and voltages. 12 for \$1.00

POWER RESISTORS: Stock No. A1006
Variety of power resistors, 3 to 10 watt. 35 for \$1.00

POTENTIOMETER ASSORTMENT: Stock No. A1007
Assorted types. 25 pcs for \$1.00

TERMINAL STRIP ASSORTMENT: Stock No. A1011
Tie lug types. 35 pcs for \$1.00

MICA CAPACITORS: Stock No. A1012
Variety of capacitances and voltages. 50 pcs for \$1.00

FUSE ASSORTMENT: Stock No. A1013
Type 3AG and AGC, 1/4 to 30 amp. 30 pcs for \$1.00

RECTIFIER ASSORTMENT: Stock No. A1014
Switching and signal types. 50 pcs for \$1.00

CONNECTOR ASSORTMENT: Stock No. A1015
Sets of mated pairs of commercial, MS types. 5 pairs for \$1.00

SLIDE AND PUSH TYPE SWITCHES: Stock No. A1039
Assorted styles. 15 pcs for \$1.00

VINYL ELECTRICAL TAPE: Stock No. A1037
UL Approved, 3/4" wide 30 foot roll, 3 rolls for \$1.00

FUSEHOLDERS: Stock No. A1036
For AGC, 3AG types, such as HKP. 8 for \$1.00

ELECTRONIC SUB ASSEMBLY: Stock No. A1016
Electronic unit containing useable parts. 1 pc for \$1.00

KNOB ASSORTMENT: Stock No. A1017
High grade instrument knobs, 1/4 shaft. 10 for \$1.00

TRANSISTOR ASSORTMENT: Stock No. A1019
TO-5, TO-18 types, marked and unmarked. 50 pcs for \$1.00

POWER TRANSISTOR ASSORTMENT: Stock No. A1020
TO-3 types. 10 pcs for \$1.00

MICROSWITCH ASSORTMENT: Stock No. A1024
Leaf and Button types. 10 pcs for \$1.00

TRANSISTOR SOCKET ASSORTMENT: Stock No. A1029
For TO-5, TO-18 types. 10 for \$1.00

COAXIAL CONNECTORS

UG-21	New	.75
UG-22F	New	.75
UG-27	New	.75
UG-68	Used	.35
UG-88	New	.75
UG-88	Used	.15
UG-107B	New	3.00
UG-160	Used	.25
UG-201	Used	.50
UG-255	Used	.50
UG-260	Used	.25
UG-260	New	.75
UG-262C	New	.85
UG-273	New	1.00
UG-273	Used	.75
UG-274	New	2.00
UG-282	New	1.00
UG-290	Used	.25
UG-536B	New	1.00
UG-570	Used	.25
UG-594	New	1.00
UG-603	New	1.00
UG-911B	New	.85
UG-914	New	1.00
UG-1094	Used	.25
82-835	New	1.00
8575	New	.75
M-359	New	.75
PL-259	New	.50
PL-259	Used	.10
UG-175	New	.20

POWER RESISTORS

Stock #	Res.	Watts	Price
R1002	.5	25	.25
R1003	1.0	5	.15
R1004	1.0	10	.25
R1005	1.5	20	.25
R1006	2.0	5	.15
R1009	.075	50	.45
R1011	5.0	25	.15
R1012	1.5K	25	.15
R1013	1.0K	50	.50
R1015	2.0	17	.15
R1016	47	26	.15
R1017	22.5K	10	.15
R1018	510	14	.10
R1019	0.3	3	.10
R1020	1.0	25	.20
R1021	5	50	.30
R1022	100	20	.25
R1023	150	10	.15
R1026	5K	10	.15
R1027	5.6K	50	.45
R1029	10	20	.20
R1030	1 Adj	175	.75
R1031	1K	250	.75

JAN SEMICONDUCTORS

Type	Price	Type	Price
1N69A	.25	2N78A	.45
1N215	.30	2N158	.40
1N250	.65	2N174A	.80
1N250B	.75	2N335	.85
1N281	.30	2N377A	.65
1N538	.15	2N916	.65
1N645	.25	2N1225	.40
1N941	.75	2N1701	.50
1N965	.75	2N1893	.50
1N1487	.20	2N2084	.50
1N2988	.65	2N2218	.65
1N3016B	.50	2N2222A	.65
1N3028B	.65	2N2369A	.40
1N4057	.50	2N2907A	.85
1N4061	.85	2N3054	.45
1N4721	.35	2N3055	.50

\$1.00 PARTS GRAB BAGS

TUBE SOCKET ASSORTMENT: Stock No. A1026
Assorted types such as octal, etc. 50 for \$1.00

TUBULAR CAPACITORS: Stock No. A1028
Various values of capacitance and voltage. 75 for \$1.00

HARDWARE ASSORTMENT: Stock No. A1030
One pound package of nuts, bolts, screws, etc. \$1.00

PC BOARD ASSORTMENT: Stock No. A1033
Variety of boards containing useable parts. 5 boards for \$1.00

SEMICONDUCTOR ASSORTMENT: Stock No. A1034
Assorted diodes, transistors, bridges etc. 50 pcs for \$1.00

TUBE SHIELDS: Stock No. A1035
Assorted sizes. 15 pcs for \$1.00

SPECIAL DISCOUNT
Buy any 6 grab bags for \$5.00

COAXIAL CABLE NEW

RG-58A/U 20 foot lengths 10 pcs for \$1.00

RG-59/U 20 foot lengths 2 pcs for \$1.00

RG-213/U 4 foot lengths, 10 pcs for \$1.00

RG-213/U Bulk 12 $\frac{1}{2}$ per foot identical to RG-8A/U

EQUIPMENT MANUALS

Stock #	Description	PRICE
M1002	R-108, 109, 110 Revrs	\$5.00
M1003	RT-66, 67, 68	\$5.00
M1004	AM-65 Amplifier	\$4.00
M1005	PP-109, 112	\$3.50
M1007	CV-27B Converter	\$4.00
M1008	TS-297 Multimeter	\$1.50
M1009	R-257 Receiver	\$8.00
M1011	BC-652, BC-653	\$3.50
M1012	BC-683, BC-684	\$3.50
M1013	ARC-27 Radio Set	\$7.00
M1014	BC-603, BC-604	\$6.00
M1017	R-520/URR Receiver	\$4.00
M1019	APN-22 Radar Set	\$6.00
M1022	Mil-Hdbk-172 Test Eq.	\$7.00
M1023	AN/GRR-5	\$7.00
M1024	RT-70	\$5.00
M1025	URM-26B Sig Gen.	\$7.00
M1027	TS-419/URM-64 Sig Gen	\$9.00
M1030	URM-25D Sig Gen	\$7.50
M1032	AFR-4	\$9.00
M1032	TS-186D Freq. Mtr.	\$8.00
M1035	AN/TPX-44	\$8.00
M1036	TS-352 Multimeter	\$4.00
M1037	USM-24C Scope	\$6.50
M1038	USM-26 Freq Meter	\$9.00
M1039	HP-614 Sig Gen	\$9.00
M1040	Beckman 7570	\$9.00
M1042	Mil-Hdbk-1364 Test Eq	\$9.00
M1043	URM-144 Sig Gen	\$8.00
M1045	HP-410C Voltmeter	\$8.00
M1048	URM-25F Sig Gen.	\$6.50
M1049	GR 1390A, B Noise Gen	\$5.00
M1050	Tek 561	\$8.00
M1051	AN/ALM-85	\$5.00
M1052	USM-203 Sweep Gen.	\$2.00
M1053	AN/ARC-27, 55, 55B	\$9.00
M1054	T-1152, T-1161/DKT-23	\$8.00
M1055	ARN-12 Receiver	\$3.00
M1056	ARC-12 Radio set	\$3.00
M1057	VRC-19, 19X, 19Y	\$5.00
M1058	GRC-87, VRC-34	\$5.00

EQUIPMENT MANUALS

Stock #	Description	Price
M1059	GRC-19 Radio Set	\$5.00
M1060	GRC-39, 40	\$6.00
M1061	TRC-B, 11, 12	\$9.00
M1062	URC-14	\$4.00
M1063	PRS-3	\$2.00
M1064	VRC-64, 77, GRC-160	9.00
M1065	Mil-Hdbk-161 Vol 3	\$9.00
M1066	Comm for armor	\$2.50
M1067	SRR-13A	\$10.00
M1068	USM-140	\$10.00
M1069	USM-122 (HP524)	\$7.00
M1070	TS-382 Audio Osc.	\$5.00
M1071	Tek 524	\$12.00
M1072	TS-323 Freq Mtr	\$6.00
M1073	TS-505 Multimeter	\$6.00
M1074	URM-145 (91CA)	\$7.00
M1075	USM-281 Scope	\$15.00

CAPACITORS

Stock No.	MPD	VDC	Price
E1002	2600	50	.35
E1003	5000	50	.65
E1004	48000	40	4.00
E1006	3500	52.8	5.00
E1007	1500	50	.25
E1015	3750	75	.75
E1022	6	600	4.45
E1026	.001	18KV	.75
E1027	4000	33	5.00
E1028	10	300	5.00
E1029	25	600	1.00
E1030	25	2500	.50
E1031	25	4000	.75
E1035	25	100	.20
E1036	22000	40	1.25
E1037	4	400	.35

TRANSFORMERS

All transformers listed have 115 VAC 60 cy primaries. Secondaries as listed below:

STOCK #	DESCRIPTION	PRICE
T1001	6.3 Volt 3.0 Amp	\$2.00
T1003	6.3 V 7.5 A, 13.8 V 2.0 A	\$2.50
T1004	6.3 Volt 3.5 Amp	\$2.50
T1006	12VCT 2.0 amp	\$3.50
T1007	6.3 Volt 1.2 amp	\$1.50
T1009	6.3 V 5.5 A, 6.3 V 2.75 amp	\$3.00
T1014	6 Volt 6 amp	\$3.00
T1018	1100 VCT .25 amp	\$7.50
T1020	30 Volt .11 amp	\$1.25
T1023	26 volt 1.0 amp	\$2.00
T1025	800 VCT .13A, 532VCT .022A	\$3.50
T1026	600 VCT .1A, 6.3VCT 3A	\$4.00
T1029	28 VCT 2.0 amp	\$2.75
T1031	590 VCT 120 ma.	\$3.75
T1039	6.3 VCT 1.5 amp	\$2.50
T1042	520 VCT 70 ma, 6.3 V 4.0 amp	\$3.50
T1044	24 Volt 1.0 amp	\$2.25
T1045	270 VCT 120 ma, 6.3VCT 3.5A	\$3.75
T1046	6 volt 4 amp or 12V 2 Amp	\$2.50
T1047	6.3 Volt 100 ma.	\$1.00
T1048	24 Volt 500 ma.	\$2.50

Note: Power transformers are heavy. When ordering please include sufficient funds for shipping.

T1019 GROMES
10 Henry, .15amp, 150 Ohm DC res.
540 V RMS. Weight 5 lb. \$1.50

T1032 .025 Henry, 0.8 amp, 79 Volt, 0.7 Ohm res. 2 lbs. \$1.00

T1033 5 Henry, .25 ma DC, 1350 V, 45 Ohm res. 3 lbs. \$22.00

Stock No.	Description	\$3.00 each
L1002	0-5 AC Amp 2(5/8) rd.	
L1003	0-5 DC Amp "	
L1004	0-20 ma DC "	
L1005	0-3 ma DC "	
L1008	-10-0+20 Ampere 2 $\frac{1}{2}$ rnd	
L1009	0-60 V-ma DC 3 $\frac{1}{2}$ rd	
L1010	-10-0+20 db, 2 $\frac{1}{2}$ rnd	
L1011	-30-0+30 Amp 2" rnd	
L1012	0-30 DC Volts 2 $\frac{1}{2}$ sq.	
L1013	0-15 DC Amps, 3" rnd	
L1014	0-150 VDC 2 $\frac{1}{2}$ " sq.	
L1015	0-50 Volts AC 3" rd.	
L1016	0-50 Volts DC 2 $\frac{1}{2}$ " SQ	
L1017	0-300 Volt DC 3 $\frac{1}{2}$ rd.	
L1018	0-100 DC microamp 2 $\frac{1}{2}$ " rd.	

HP MIXER DIODES
50 μ each, order by type number.
1W21B, 1N21C, 1W21E
1N21R, 1N21W, 1N22C
1N23E, 1N25
1N82A

MA450B

ELECTRON TUBES

Used, pullouts, 60¢ ea., 2 for \$1.00

0A2	0B2	0D3	0G3	1AD4	1AE4
1B3	1L4	1U4	1R5	1S5	2X2
3A5	3Q4	4A1	5V4	5Y3	6AB4
6AG5	6AH6	6AK6	6AL5	6AQ5	6AS6
6AS7	6AQ5	6AU6	6AU8	6AW8	6BC7
6BC6	6BH6	6BK7	6BQ6	6BQ7	6BX7
6C4	6CB5	6CB6	6CE5	6CL6	6D4
6DJ8	6DQ6	6EJ7	6G6	6GW8	6J6
6L6	6S4	6SL7	6SN7	6W4	6W6
6X4	12AT7	12AU7	12AX7	12B4	12H6
12SH7	12SN7				
5637	5651	5654	5670	5672	5678
5687	5726	5727	5749	5750	5751
5814	5840	5879	5881	6005	6021
6072	6088	6100	6101	6106	6186
6189	6197	6201	6216	6350	6463
6627	6922	7025	7119	9001	

Used, pullouts \$2.00 each

807	955	2C43	2E26	3B24	3B28
3B29	6080	6336	1X2B	2E24	

New, \$1.25 each

0A2	1L4	1R4	1R5	1S5	1T4
1U5	3A4	3A5	3Q4	3Q5	3V4
6AU6	6BF6	6BF7	6D4	6G6	6J5
6J6	6SN7	6AG7	6X5	12AT6	12AT7
12AX7	12BE6	12SX7	14A7	14R7	14S7
5641	5642	5643	5842	6005	6189
2526	6AJ5	6EA8			

Bulk Heat Shrinkable Tubing

1/16	ID Yellow	12¢ per foot
3/32	ID Black	12¢ per foot
3/16	ID Red	10¢ per foot

Bulk Teflon Tubing

AWG Size	Nom ID	Color	Price per foot
24	.022	Green	.05
22	.027	White	.05
22	.027	Brown	.05
22	.027	Black	.05
19	.038	Natural	.05
16	.053	Brown	.05
16	.053	Green	.05
16	.053	Red	.05
15	.059	Natural	.05
14	.066	Natural	.05
11	.095	Natural	.07
8	.133	Natural	.10
3	.234	Natural	.20
0	.330	Black	.25

Trimpot, 1/2" square, 1K res. 1 watt
Helitrim 63-25-0, 50¢ ea. 3 for \$1.00

Mushroom head push switch, Allen-Bradley 800T-D1A. Green, 1 NO-1NC contact. 1(13/64) dia. mount \$1.00

M-80 Microphone, with switch, 18" coiled cord, U-229 connector.
Used \$3.00

H-63/U Headset, with boom mike 14" cord, 600 ohm phones. \$3.50

M-29 Microphone, 40-100 ohm, 6' cord. U-77 connector \$3.00

TS-10 Handset 50 ohm mike, 3500 ohm phone. 5 ft cord \$2.75

LS-166 Loudspeaker, 600 ohm with U-77 connector, \$7.00

U-77/U Connector Audio connector for RT-68, 70 etc. \$2.75

CX-1211 Cable Assy, used to connect RT-68 to PP-112. \$3.00

C-434 Control Box, complete \$3.50

TA-182 Converter, used 14 lb \$5.00

DY-103/ARC-34 Dynamotor, \$3.00

ARC-27 Dynamotor, used \$2.00

DM-32 Dynamotor, 28 VDC, \$2.00

DY-84/ARN-14 Dynamotor, 28 V \$15.00

PP-1243 Power supply for URM-32, used checked, 8 lb. \$18.00

Headsets, assorted military types, no choice on type. \$2.00 each

TECH MANUALS

TV-7 Tube Tester	\$4.00
PSM-4A Multimeter	\$2.50
ME-186 Voltmeter	\$2.00
SG-511 (HP-606) Parts list	\$7.00
URM-105, ME-77 Multimeter	\$4.00
USM-122 Parts List	\$5.00
TS-382D Parts List	\$3.50
URM-80 Frequency Meter	\$5.50
URM-81 Frequency Meter	\$5.50
URM-32 Frequency Meter	\$6.00
UPM-98A, B Test Set	\$20.00
URM-44 Test Set	\$7.00
TS-147D Test Set	\$6.00
ZM-4A, B Test Set	\$4.00
HP 5245L Counter	\$25.00

ELECTRONIC TEST EQUIPMENT

Acton 310BS Z-Angle Meter, 0-90° 25 lb. good condition	\$40.00
Acton 330BS Digital Phase Meter, 0-360°, 30 lb.	\$50.00
AD-YU 205B Precision Phase Detector, indicator & delay units	\$40.00
Adage 261B Analog to digital converter, 30 lb.	\$7.00
Astrosystems A1204S-5 Synchro standard 15 lb.	\$8.00
B&K 1502 Deviation test bridge, RCL 10 ohm-10 meg, 50pf-10mf, 20 lb.	\$40.00
Ballantine 220A Decade Amplifier, 10 Hz-150 KHz. 5 lb.	\$12.00
Ballantine 302B AC VTVM 100 microvolt-1KV, 2 Hz-150 KHz. 15 lb.	\$12.00
Ballantine 302C AC VTVM Later version of 302B 15 lb.	\$17.00
Ballantine 310A AC VTVM, 1 mv-100 V, 6 ranges, 10 Hz-2 MHz. 15 lb.	\$23.00
Ballantine 311 AC VTVM 1 mv to 300 V, 50 Hz-4 MHz, 12 ranges, 20 lb.	\$28.00
Ballantine 314 AC VTVM, 1 mv- 1 KV 15 Hz-3 Mhz, with probe, 22 lb.	\$30.00
Beckman 903 Double pulse generator, 1 Hz-1KHz, 30 lb.	\$20.00
Beckman 5571 Counter, to 42 MHz, six digit display, 38 lb.	\$45.00
Beckman 7350A Time interval meter, 10microsec to 1 sec, 6 digit, 35 lb.	\$27.00
Beckman 7571, 7572, 7573 Converters for 7570. Set of three, 20 lb.	\$25.00
Beckman 7360RU Universal EPUT and timer, DC to 1 MHz, 45 lb.	\$35.00
Beckman 8350R Universal EPUT and timer, DC to 100 KHz, 40 lb.	\$32.00
Biddle Megger, Model 7676A 0-1000 Megohms, 500 VDC, crank generator	\$18.00
Boonton 974R DC Voltmeter-amplifier, .3 mv to 1KV, 30 lb.	\$50.00
Boonton 202G FM Signal Generator, 195-275 MHz 2 bands, 40 lb.	\$65.00
Boonton 207A Univerter, 100 KHz-55 MHz, 18 lb.	\$45.00
Boonton 280A Q Meter, repairable 75 lbs 50 lb	\$65.00
Brush RD5615-00 DC Amplifier, high gain 30 lb.	\$20.00
Brush RD5621-00 Dual channel amplifier, .01 to 400 Volts, 30 lb.	\$20.00
CEC 5-124 Oscilloscope with 7-317 galvanometers.	\$80.00
CMC 401A In line readout 15 lb.	\$5.00
DTC 1401 Voltage to frequency converter, .1 V to 1 KV, 12 lb.	\$7.00
Dymec (HP) 2503 RDB Counter, 1 Hz-100 KHz, 6 digit display, 40 lb	\$40.00
Electro-Instruments 901 AC Converter, 20 lb	\$8.00
Endevco 2607 Amplifier, 2 lb.	\$4.00
Fluke 801BR Differential voltmeter, 20 lb.	\$65.00
Fluke 803 Differential voltmeter, repairable 25 lb	\$20.00
Fluke 893A Differential voltmeter, repairable 20 lb 50 lb	\$35.00
FXR LA-30T Low Pass Filter, 3000 MHz. 1 lb.	\$10.00
FXR N218A Thermistor mount, 3 lb.	\$18.00
Gertsch FM-1B Frequency Meter, 20-480 MHz, unused, 20 lb.	\$40.00
Gertsch FM-4A Frequency Multiplier, 500 MHz to 12.4 GHz	\$175.00
Gertsch PT-5R Ratio Transformer, 5 decades 20 lb.	\$35.00
General Instruments 18115-1 Audio Delay Line, 30 lb.	\$10.00
GR 602M Resistance decade, 1 to 11,111 ohms, 1 ohm steps, 8 lb.	\$18.00
GR 650A Impedence bridge 35 lb. unused 50 lb	\$30.00
GR 650A with P1 power supply/oscillator 40 lb. 50 lb	\$50.00
GR 723 Vacuum tube fork, 1000 Hz, 10 lb unused	\$35.00
GR 1023 Amplitude modulator, to 80%, 50 ohm, 20 lb.	\$20.00
GR 1112A Frequency Multiplier, 1, 10, 100, 1000 mhz output 25 lb.	\$85.00
GR 1203B Unit Power Supply, 7 lb.	\$22.00
GR 1216A IF Amplifier, 30 Mhz. 18 lb.	\$50.00
GR 1556A Noise Analyzer, 5Hz-20 KHz, -10 to +10 db 4 lb.	\$12.00
GR 1611B Capacitance Test Bridge, 0-11,000 mf, 1.0%. 30 lb.	\$95.00
GR 1652A Resistance Limit Bridge, 1 ohm to 1.11 meg. 35 lb.	\$250.00
Griebach 510 DC Voltmeter, to 300 Volts in 6 ranges 12 lbs.	\$20.00
HP 130BR Oscilloscope, DC to 300 KHz, excellent cond. 60 lb.	\$175.00
HP 152B Dual Trace plug in for HP 150 scope, 15 lb.	\$45.00
HP 160B Oscilloscope, Dual trace, DC to 15 Mhz, 100 lbs	\$200.00
HP 162A Dual Trace Amplifier for HP-160, 170 scopes, 10 lb.	\$50.00
HP 162C Dual Trace Amplifier. 10 lb	\$75.00
HP 166D Sweep delay unit for HP-160, 170 scopes 10 lb	\$50.00

HP 200B	Audio Oscillator, 20 Hz-20 KHz, 600 ohm, 1 watt output, 20 lb	\$25.00
HP 200CDR	Audio Oscillator, 5 Hz-600 KHz, 35 lb.	\$75.00
HP 202A	Function Generator, .008 to 1200 Hz, sine, sq, triangular 40#	\$40.00
HP 212A	Pulse generator, 60 Hz-5 KHz, 55 lbs.	\$10.00
HP 218A	Digital Delay Generator, with 219B dual pulse unit, 100 lb.	\$50.00
HP 330B	Distortion Analyzer, 40 lb	\$95.00
HP 400A	AC VTVM, .3 mv to 300 V in 12 ranges, 22 lb 10hz-600 KHz	\$17.00
HP 400C	AC VTVM 1 mv to 300 V in 12 ranges, 10 Hz-4 Mhz 20 lb.	\$23.00
HP 400DR	AC VTVM same specs as HP 400C 30 lb.	\$25.00
HP 400H	AC VTVM 1mv to 300 V in 12 ranges, 10 Hz-4 Mhz , 22 lb.	\$65.00
HP 400HR	AC VTVM 1 mv to 300 V in 12 ranges 30 lb	\$25.00
HP 415B	SWR Indicator, 20 lb.	\$28.00
HP 416A	Ratio Meter, 40 lb.	\$65.00
HP 430A	Microwave power meter, 10 Hz-40 GHz, .1 to 10 mW, 20 lb.	\$15.00
HP 430B	Microwave power meter, similar to 430A 20 lb.	\$20.00
HP 430C	Microwave power meter, 20 lb.	\$45.00
HP 521CR	Counter, 0-120 KHz, 5 digit display, 30 lb.	\$18.00
HP 522B	Counter, timer, 10 hz-120 KHz, 10 microsec 100Ksec, 35 lb.	\$25.00
HP 525B	Frequency converter for 524 counter, 100-220 Mhz, 10 lb.	\$40.00
HP 525C	Frequency converter for 524 counter, 100 -510 Mhz, 10 lb.	\$75.00
HP 526A	Video amplifier for 524 counters, 10 lb.	\$28.00
HP 526B	Time interval unit for 524 series counters, 10 lb.	\$28.00
HP 608B	Signal Generator, 10-410 Mhz AM 5 bands, 65 lbs repairable	\$80.00
HP 650A	Oscillator, 10 Hz-10 Mhz, metered, 40 lb.	\$60.00
HP 710A	Power Supply 150-350 VDC 100 ma, 6.3 VCT 5 amp	\$15.00
HP 806B	slotted line, 4 lb	\$5.00
HP G487B	Thermistor mount 4 lb.	\$7.00
HP H810B	Slotted section 4 lb	\$25.00
Jerrold 900B	sweep generator with D-50, 100lb repairable	\$50.00
Kay 50A	Microleter VTVM, 250 microvolts to 1 Volt, 50 hz-50Mhz 30 lb	\$50.00
Kay 202A	DC microvoltmeter and amplifier, .3 to 300 mV, 1-1000V 35 lb.	\$65.00
Kay 240B	Meganode noise source, 5-220 Mhz, 35 lb.	\$45.00
Kron Hite	420C Low frequency oscillator, .35 hz to 52 KHz, 30 lb	\$95.00
L&N Model 7	deflection potentiometer, 20 lb.	\$15.00
L&N 2420C	Spotlight galvanometer, .025 microamp sens. 8 lb.	\$18.00
L&N 2430C	Spotlight galvanometer, .0034 microamp/mm sens. 10 lb.	\$22.00
L&N 4390	Shunt, multirange 0.2, .5, 1, 2, 5, 10, 20 ohm 10 lb	\$45.00
L&N 4725	Wheatstone bridge, 1 ohm to 100 meg. 15 lb.	\$35.00
L&N 7591	volt box, 3, 7.5, 15, 30, 75, 150, 300, 750 volt .04% 20 lb	\$50.00
Lavoie LA-70B	Frequency meter 10 KHz-3 GHz, .0001%, 65 lb	\$95.00
Marconi TF791D	FM Carrier deviation meter, 4-1024 Mhz, 40 lb	\$500.00
NLS 125 AC/DC	Converter, 15 lb	\$12.00
North Atlantic 202R	Phase angle voltmeter, 1 mv to 300 V 12 ranges	\$35.00
North Atlantic VM-204	Phase angle voltmeter, 1 mv to 300 V 35 lb	\$50.00
North Eastern Engr.	14-20C Digital frequency counter to 500 Mhz, 100 lb	\$75.00
Nuclear-Chicago 1613A	Radioactivity demonstrator, 0-1500 counts/min 10 lb	\$5.00
PRD 650A	Universal power bridge, 30 lb	\$7.00
Panoramic RF-7A	Tuning head, 2.5 to 40 Mhz, 15 lb.	\$65.00
Panoramic SSB-3a	SSB spectrum analyzer, 2.5 to 40 mhz, complete 125 lb	\$250.00
Plessey 908-1-01-200	RF Absorber with case 10 lb.	\$7.00
Polarad G-711	Tuning unit for PMX, 6.95-11 GHz, 25 lb.	\$95.00
Polarad HU2A	EHF signal generator with G3336-1 tuning unit 33.5-36.2GHz	\$995.00
RCA WV 97A	Volt ohmyst 20 lb with probe	\$25.00
Rutherford B7B	Pulse generator, 2 hz-2 Mhz, 35 lb	\$18.00
Rutherford B7D	pulse generator, 65 lb.	\$20.00
Rutherford B7F	pulse generator, 40 lb	\$25.00
Rubicon SP-507	galvanometer shunt 5 lb.	\$7.00
Sanborn 350-1400	Logarithmic preamp 10 lb.	\$7.00
Sanborn 350-2300	AC Wattmeter, 10 lb	\$8.00
Scientific-Atlanta 1114	frequency to synchro converter 20 lb.	\$30.00
Scientific-Atlanta 1121	Line driver 10 lb	\$15.00
Scientific-Atlanta SP-12B	Master switch panel 5 lb.	\$12.00

Sierra 125B Voltmeter, 3-620 KHz, .0003 to 30 VRMS, 35 lb.	\$95.00
Spellman RG-30 High Voltage power supply, 15-30 KVDC, 1.0 ma 40 lb	\$95.00
Systron 1240 RMS to DC converter, 30 lb	\$12.00
Tektronix 112 DC Amplifier to 2 Mhz, 28 lb.	\$20.00
Tektronix 160A power supply, 15 lb.	\$15.00
Telonic SM-2000 sweep generator, with L-3 plug in unit 80 lb.	\$125.00
Vidar 2531 Analog to frequency converter, 20 lb.	\$10.00
Weinschel BA-5 attenuation calibrator, 40 lb	\$28.00
Weinschel MO-1B modulator, 1 KHz, sine or sq. wave. 20 lb	\$25.00
Weston 341 series AC/DC voltmeters:	
0-15/30 volts 12 lb.	\$30.00
0-150 Volts 12 lb.	\$25.00

MILITARY TEST EQUIPMENT

APW-263 Modulator test set, used with APQ-116, 10 lb.	\$45.00
BC-221 Frequency meter, 125 KHz-40 Mhz, AC supply, calib. 25 lb.	\$38.00
CN-1042 Attenuator DC-225 MHz, 75 ohm, steps of 1, 2, 3, 4, 10, 20, db	\$8.00
FR-67 Counter, to 120 KHz, 6 digit display, 55 lb.	\$12.00
FR-114 Counter, to 1 MHz, 6 digit nixie display 55 lb.	\$35.00
I-181B Test set, 15, 75, 150 ma DC 10 lb.	\$6.00
IP-50/SLA-1 Pulse analyzer indicator 45 lb.	\$25.00
ME-6 AC VTVM .0005 to 500 Volts , 15 to 250 khz. 10 lb. <i>Sold</i>	\$12.00
ME-29 Milliammeter, DC 0-500 ma in 6 ranges, portable meter with case 3#	\$6.00
ME-30C AC VTVM same specs as HP 400D 22 lb. <i>Sold</i>	\$15.00
ME-51 Frequency and power meter, 3100-3500 MHZ, 0-25mW 15 lb.	\$5.00
ME-71/FCC Audio Level meter, 20-500 Khz, -70 to 42 dbm. 40 lb.	\$25.00
MX-2930/USM-105 Dual trace preamp for USM-105 scope 12 lb.	\$50.00
MX-2930B dual trace preamp 10 lb.	\$60.00
MX-2962 delay generator for USM-105, 140 scopes 10 lb.	\$50.00
OS-8C Oscilloscope DC to 10 KHz, 3" CRT, excellent, with cover. 30 lb	\$35.00
PSM-6 Multimeter, 0-1000 VDC, 5 kVDC, 0-10 Amp DC, 0-10 Megohm 6 lb. <i>Sold</i>	\$20.00
SG-12A/URM-48 Signal Generator 20-100 MHz FM 5 bands, 50 lb.	\$75.00
SG-15/PCM Audio generator, 200-35,000 Hz, 600 ohm 30 lb, metered	<i>Sold</i>
SG-71/FCC Test Oscillator, 20 Hz-50 Khz 4 bands, 3 watt, 600 ohm 40 lb	\$30.00
TN-16, 17, 18 Tuning units for APR-4, 30 lb. Set of three	\$60.00
TS-47 Test Oscillator, 40-500 MHz AM 2 bands, 30 lb.	\$35.00
TS-148 Spectrum analyzer, 8470-9630 MHz 45 lb.	\$30.00
TS-155C Signal generator, 2700-3400 Mhz, AM, Pulse. 50 lb.	\$30.00
TS-186D Frequency meter, 100-10,000 MHz 42 lb.	\$35.00
TS-268B Cartridge crystal test set, for IN21 etc. meter reads 0-1ma 3#	\$5.00
TS-323 Frequency meter 20-480 Mhz, 30 lb.	\$30.00
TS-352 Multimeter, 0-5000 VAC/DC, 0-500ma, 0-30 megohm 20 lb.	\$20.00
TS-359A Voltage divider, 50:1, 100:1 ratios, 30 KV rating. 8 lb.	\$10.00
TS-382 Audio oscillator, 20 Hz to 200 KHz, 40 lb. Repairable	\$15.00
TS-403A Signal generator, 1.8 to 4.2 GHz, AM, FM, PM, Sq wave, 65 lb.	\$150.00
TS-413C Signal generator, 75Khz-40 Mhz AM, 6 bands, metered, 45 lb.	\$95.00
TS-418 Signal Generator, 400-1000 Mhz AM, CW pulse 65 lbs.	\$150.00
TS-419 Signal Generator, 900-2100 Mhz, CW, Pulse, 65 lb.	\$150.00
TS-505D VTVM, 0-100VDC 9 ranges, 0-250 VAC, 7 ranges, 0-100 meg. 8 lb.	\$37.00
TS-510A/USM-44 Signal Generator, 10-420 MHz AM 5 bands, 65 lb.	\$250.00
TS-580 DC Amplifier, .1 to 1.0 volt, 18 lb.	\$5.00
TS-621 Signal Generator, 3.8-7 GHz, Similar to HP 618B 75 lb.	\$175.00
TS-723D Distortion Analyzer, military version of HP 330D 40 lb.	\$95.00
UPM-15 Pulse generator, 50 Hz-10KHz, 30 lb.	\$20.00
UPM-32 Radar test set, 8.5 to 10.5 GHz, with transit case <i>Acc. 25.00</i>	\$150.00
URM-25D Signal Generator, 18Hz-50MHz 8 bands. Crystal calib. metered \$125.00	\$125.00
URM-90 Impedance bridge, L(.1uH-1100H), R(.1-11Mohm), C(.1pf-110uf) Rep	\$30.00
URM-135A Spectrum analyzer, same as Panoramic SSB-3A	\$250.00
URM-144 Signal Generator, dual output, 2-28 Mhz, 35 lb.	\$50.00
USM-24C Oscilloscope, 3" CRT, 2Hz-8Mhz, 45 lb. with cover, probes	\$55.00

USM-68 Wattmeter, 500-11,000 MHz 0-50mw, 30 lb.	\$95.00
USM-105 Oscilloscope, DC-15 MHz, Dual trace, 100 Lb.	\$100.00
USM-140 Oscilloscope, Dual trace, DC-30 Mhz, 100 lb.	\$200.00
USM-159 Frequency meter, 125Khz-1000 Mhz, .01%, Transistorized, 30 lb.	\$55.00
USM-177 Power meter, 10 mHz-40GHz, to 10mW 20 lb, repairable	\$12.00
ZM-3 Analyzer, Capacitance(5pf-10,000mf), R(1.1 to10,000Meg), Power factor 0-50%, Leakage 0-50ma. 30 lb.	\$45.00
USM-37D Standing wave ratio measuring set. Includes HP415E, 809B, 806B, H810B, X810B, 444A, manual, complete, unused, 60 lb.	\$600.00
Kintzel M100A-20 Meter Calibrator, 0-999 Volts, 0-99.9ma, complete	\$200.00
<u>Miscellaneous:</u>	
Inverter, Behlman 161D3, input 115 VAC 60 cy, output 350-450 cy adj. 115 V, 160VA. 70 lb. Metered.	\$50.00
Lambda C-281M Power supply, regulated, 125-325 VDC, 0-200 ma, .25% reg. 55 lbs. Metered	\$40.00
Lambda LA-8-08B DC power supply, 75-330 VDC, 0-800ma, 55 lbs.	\$40.00
Television Camera, Mark 12, Mod 0, 22 VDC, made by Fairchild Camera, includes RCA 4482 image tube, 18 lbs, solid state	\$45.00
Closed circuit TV receiver, Mark 109, 5" CRT, 100 lbs.	\$15.00
RCA MI-12188 Power Amplifier, 70 Watt, Tubes: four 807, two OD3, 5R4GY, 6SL7GT, size 9x16x9½, 115 VAC 60 cy, 30 lbs unused.	\$20.00
MT-2062/ARM-38 mounting 3 lb.	\$10.00
MT-1869/GRM-10 mounting 2 lb.	\$10.00
Powerstat 116BU Variable transformer, 120 Volt 60 cy, ouput 0-140 V 10 amp Includes knob, 10 lb.	\$15.00
28 Volt 5 amp power transformer, 115 V 60 cy primary, 4 lbs. Stock No. T1034	\$4.00 each 2 for \$6.00
ID-162A/APS-31 indicator, 15 lb. Used	\$7.00
AM-26/AIC Amplifier 6 lb. used	\$3.00
AM-40/AIC Amplifier, with dynamotor, used 7 lb.	\$4.00
AM-113/APS-33 amplifier 12 lb.	\$3.00
Airtron 17670B X band waveguide twist, 6" long,	\$5.00
Airtron 47160 X band duplexer, directional coupler.	\$8.00
Airtron 46975 X band mixer assy. 5 lb.	\$6.00
AT-68/UP X band horn, 1 lb.	\$5.00
UG-183/U Waveguide adapter to Type N female, 2 lb.	\$10.00
UG-144 Adapter, \$3.00	
CG-182/U X band flexible waveguide, 1 ft 6 in.	\$12.00
Hewlett Packard 682C Sweep Oscillator, 1-2GHz, excellent 75 lb.	\$400.00

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