



BROADCAST EQUIPMENT PRICE LIST CATALOG NO. 44A



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AM TRANSMITTERS

Catalog Page	Type No.	Part Number	Description	Price
3	20V-3	522-2480 —	20V-3, 1000/500/250 watt AM Transmitter.....	\$ 6,500.00
5	NTN	NPN	100% Set of Spare Tubes.....	254.00
5	NTN	NPN	FCC Set of Spare Tubes.....	131.00
5	NTN	NPN	Factory 20V-3 Modification for 1.6-12 MC, Single Frequency.....	1,000.00
			Each additional frequency, manual change each.....	500.00
5	NTN	On Request	Spare Crystal for 20V-3 Transmitter.....	90.00
6	820E-1	522-3291 —	5000/1000 watt AM Transmitter.....	18,240.00
8	NTN	NPN	100% Set of Spare Tubes — 820E-1.....	2,100.00
8	NTN	NPN	Recommended Set of Tubes — 820E-1.....	800.00
6	820F-1	522-3292 —	10,000/5,000 watt AM Transmitter.....	20,520.00
8	NTN	NPN	100% Set of Spare Tubes — 820F-1.....	2,600.00
8	NTN	NPN	Recommended Set — 820F-1.....	800.00
8			Spare Crystal 820E/F-1.....	90.00

AM TRANSMITTER ACCESSORIES

11	172G-1	522 1410 004	Dummy Load 50 ohm, 1 KW.....	70.00
11	172G-2	522 1411 014	Dummy Load 72 ohm, 1 KW.....	70.00
11	WG	097 8138 000	States Co. 50 ohm, 7.5 KW Dummy Load.....	250.00
11	NTN	543 3927 000	2 Wire, 2000 watts Tower Lighting Choke.....	125.00
11	NTN	543 3926 000	3 Wire, 2000 watts Tower Lighting Choke.....	135.00
11-12	42E-7	522 1028 000	1 KW Antenna Coupling Unit.....	475.00
11-12	42E-8A	522 1029 000	5 KW Antenna Coupling Unit.....	625.00
11-12	42E-8B	522 1029 000	10 KW Antenna Coupling Unit.....	920.00
11	135-15-1	097 1501 000	Johnson Feed Through Bowl.....	15.40
11	135-15-3	097 6673 000	Johnson Feed Through Bowl.....	27.10
11	135-15-4	097 1170 000	Johnson Feed Through Bowl.....	41.30
11	135-15-7	097 5646 000	Johnson Feed Through Bowl.....	27.60
12	NTN	NPN	Remote Antenna Metering Kit 20V-3.....	98.40
12	NTN	NPN	Same as above with expanded scale and watching thermocouple.....	118.40
12	NTN	543 3917 003	Antenna Current Transformer.....	48.00
	NTN	124 0032 465	Electronic Research AM/FM Isolation Unit, 10 KW FM, 3 KV AM, 1 1/8" line	600.00
	NTN	124 0061 016	Electronic Research AM/FM Isolation Unit, 10 KW FM, 3 KV AM, 3 1/8" line	770.00

81M PHASING EQUIPMENT

12-13-14 The prices listed below are based on the use of standard components and the use of mica condensers except where current and voltage conditions dictate the use of vacuum condensers. Request quotations where special conditions or vacuum condensers are required. Normal delivery cycle is 60 days after receipt of approval of our design from the consultant engineer.

Power	Pattern	2-Tower	3-Tower	4-Tower	5-Tower
1 KW	DA-1	\$2,690.00	\$4,160.00	\$ 5,280.00	\$ 6,400.00
5 KW	DA-1	3,240.00	5,010.00	6,470.00	8,050.00
10 KW	DA-1	3,900.00	5,750.00	7,500.00	9,460.00
1-1 KW	DA-N	3,190.00	4,900.00	6,270.00	7,640.00
5-5 KW	DA-N	4,100.00	5,975.00	7,800.00	10,000.00
10-10 KW	DA-N	4,400.00	6,390.00	8,400.00	10,800.00
1-1 KW	DA-2	3,990.00	6,110.00	7,890.00	9,650.00
5-5 KW	DA-2	5,300.00	7,500.00	10,200.00	12,500.00
10-10 KW	DA-2	5,700.00	8,200.00	10,900.00	13,500.00

NOTE:

DA-1 Directional Day and Night, same pattern
 DA-N Directional Night time only
 DA-2 Different Pattern Day and Night
 Prices are based on the use of weatherproof tuning units.
 Deduct \$75.00 per tower if panel mounted tuning units are used.
 6 or more towers — on request

14	564A-1	522 1518 004	Phase Sampling Loop.....	\$ 125.00
15	144A-1	522 1520 001	Isolation Coil Form.....	63.00
15	145-101-13	410 0209 000	Johnson SPDT Relay.....	113.00

81M PHASING EQUIPMENT (Continued)

Catalog Page	Type No.	Part Number	Description	Price
15	145-102-13	410 0210 000	Johnson DPDT Relay.....	\$ 123.50
15	145-201-13	410 0211 000	Johnson SPDT Relay.....	130.00
15	145-202-13	410 0212 000	Johnson DPDT Relay.....	145.00

FM TRANSMITTERS

18-19	786M-1	522 2914 —	FM Stereo Generator.....	1,500.00
20	A830-2	522 2714	10 watt FM Exciter.....	2,100.00
20	A830-2	NPN	100% Set of Spare Tubes, Transistors & Power Rectifiers.....	157.00
20	A830-2	NPN	Recommended Spare Tubes, Transistors & Power Rectifiers.....	93.00
21-22	830B-1A	522 2871 —	250 watt FM Transmitter.....	4,500.00
22	830B-1A	NPN	100% Set of Spare Tubes, Transistors & Power Rectifiers.....	277.00
22	830B-1A	NPN	Recommended Spare Tubes, Transistors & Power Rectifiers.....	173.00
23-24	830D-1A	522 2969 —	1 KW FM Transmitter.....	6,100.00
24	830D-1A	NPN	100% Set of Spare Tubes, Transistor and Power Rectifiers.....	589.00
24	830D-1A	NPN	Recommended Spare Tubes, Transistors & Power Rectifiers.....	307.48
25-26	830E-1A	522 2872 —	5 KW FM Transmitter.....	13,100.00
26	830E-1A	NPN	100% Set of Spare Tubes, Transistors & Power Rectifiers.....	796.00
26	830E-1A	NPN	Recommended Spare Tubes, Transistors & Power Rectifiers.....	645.00
27-28	830F-1A	522 3054 —	10 KW FM Transmitter.....	17,950.00
28	830F-1A	NPN	100% Set of Spare Tubes, Transistors and Power Rectifiers.....	796.00
28	830F-1A	NPN	Recommended Spare Tubes, Transistors & Power Rectifiers.....	645.00
28	830F-2A	522 3139 000	10 KW FM Transmitter with 1 KW Driver.....	20,500.00
28		NPN	100% Set of Spare Tubes, Transistors & Rectifiers.....	1,108.00
28		NPN	Recommended Spare Tubes, Transistors & Power Rectifiers.....	780.00
29-30	830H-1A	522 3055 —	20 KW FM Transmitter.....	27,350.00
30	830H-1A	NPN	Silicon Rectifiers.....	500.00
30	830H-1A	NPN	100% Set of Spare Tubes, Transistors & Power Rectifiers.....	1,804.00
			Recommended Spare Tubes, Transistors & Power Rectifiers.....	929.00
30	830N-1A	522 3592 000	10/10 KW FM Transmitter with Feed for Vertical & Horizontally Polarized FM Antennas.....	27,000.00
30			Spare Crystal for FM Transmitters.....	90.00
30		289 2743 000	Spare 14 MC Crystal for FM Transmitters.....	40.00
	NTN	554 6850 001	FM Transmitter Extended Control Panel.....	400.00
113	SCG-4T	124 0061 028	Moseley 67KC Sub-carrier Generator.....	695.00
113	SCG-4T	124 0061 029	Moseley 41KC Sub-carrier Generator.....	695.00

FM ANTENNAS

32-33	37M-1*	013 0020 000	Single Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	585.00
32-33			3 $\frac{1}{8}$ inch line.....	635.00
32-33	37M-2*	013 0030 000	2 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	1,025.00
32-33			3 $\frac{1}{8}$ inch line.....	1,090.00
32-33	37M-3*	013 0040 000	3 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	1,537.50
			3 $\frac{1}{8}$ inch line.....	1,635.00
32-33	37M-4*	013 0050 000	4 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	2,050.00
32-33			3 $\frac{1}{8}$ inch line.....	2,180.00
32-33	37M-5	013 0060 000	5 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	2,562.50
32-33			3 $\frac{1}{8}$ inch line.....	2,725.00
32-33	37M-6*	013 0070 000	6 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	3,075.00
32-33			3 $\frac{1}{8}$ inch line.....	3,270.00
32-33	37M-7*	013 0080 000	7 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	3,587.50
32-33			3 $\frac{1}{8}$ inch line.....	3,815.00
32-33	37M-8*	013 0090 000	8 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	4,100.00
32-33			3 $\frac{1}{8}$ inch line.....	4 360.00
32-33	37M-10*	097 1693 000	10 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	5,125.00
32-33			3 $\frac{1}{8}$ inch line.....	5,450.00
32-33	37M-12*	NPN	12 Ring FM Antenna, 1 $\frac{1}{8}$ inch line.....	6,150.00
			3 $\frac{1}{8}$ inch line.....	6,540.00
34	300C-1	099 2571 —	Single Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	585.00
34		099 2572 —	3 $\frac{1}{8}$ inch line.....	635.00
34	300C-2	099 2573 000	2 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	1,025.00
34		099 2574 000	3 $\frac{1}{8}$ inch line.....	1,090.00

*Specify type Tower on which to be mounted.

FM ANTENNAS (Continued)

Catalog Page	Type No.	Part Number	Description	Price
34	300C-3	099 2575 000	3 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	\$ 1,537.50
34		099 2576 000	3 $\frac{1}{8}$ inch line.....	1,635.00
34	300C-4	099 2577	4 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	2,050.00
34		099 2578	3 $\frac{1}{8}$ inch line.....	2,180.00
34	300C-5	099 2579	5 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	2,562.50
34		099 2580	3 $\frac{1}{8}$ inch line.....	2,725.00
34	300C-6	099 2581	6 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	3,075.00
34		099 2582	3 $\frac{1}{8}$ inch line.....	3,270.00
34	300C-7	099 2583	7 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	3,587.50
34		099 2584	3 $\frac{1}{8}$ inch line.....	3,815.00
34	300C-8	099 2585	8 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	4,100.00
34		099 2586	3 $\frac{1}{8}$ inch line.....	4,360.00
34	300C-10	099 2587	10 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	5,125.00
34		099 2588	3 $\frac{1}{8}$ inch line.....	5,450.00
34	300C-12	099 2589	12 Bay Vertically Polarized FM Antenna, 1 $\frac{1}{8}$ inch line.....	6,150.00
34	300C-12	099 2590	3 $\frac{1}{8}$ inch line.....	6,540.00
NPN	37CP-1	124 0061 383	Single Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	825.00
NPN	37CP-2	124 0061 385	Two Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	1,550.00
NPN	37CP-3	124 0061 387	Three Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	2,250.00
NPN	37CP-4	124 0061 389	Four Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	3,000.00
NPN	37CP-5	124 0061 391	Five Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	3,750.00
NPN	37CP-6	124 0061 393	Six Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	4,500.00
NPN	37CP-7	124 0061 395	Seven Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	5,250.00
NPN	37CP-8	124 0061 397	Eight Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	6,000.00
NPN	37CP-10	124 0061 399	Ten Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	7,500.00
NPN	37CP-12	124 0061 401	Twelve Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	9,100.00
NPN	37CP-14	124 0061 403	Fourteen Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	10,500.00
NPN	37CP-16	124 0061 405	Sixteen Bay Circularly Polarized FM Antenna, 3 $\frac{1}{8}$ " line.....	12,000.00
NPN	NTN	NPN	Factory installed heaters for 37CP antennas.....	200.00/bay
34	NTN	NPN	Fixed Antenna Power Divider.....	525.00
		124 0032 453	115 volt Heating Element (2 required per bay) each.....	25.00
		124 0032 415	C22B Temperature Control, 15A, 115 volts.....	62.00
Engineering charges for intermixing of horizontal and vertical bays:			1 Horizontal and 1 Vertical Bay.....	300.00
			2 to 6 Horizontal and Vertical Bays.....	450.00
			7 to 12 Horizontal and Vertical Bays.....	750.00
	NTN	124 0061 016	Electronic Research AM/FM Isolation Unit, 10 KW FM, 3 KV AM, 1 $\frac{1}{8}$ inch line.....	600.00
	NTN	NPN	Electronic Research AM/FM Isolation Unit, 10 KW FM, 3 KV AM, 3 $\frac{1}{8}$ inch line.....	770.00
	NTN	NPN	36 inch Antenna Extenders (Purchased Separately) per Bay.....	25.00
	NTN	NPN	36 inch Antenna Extenders (Purchased with Antenna) per Bay.....	10.00

AM AND FM TOWERS

35-36 Utility Towers On Request

TOWER LIGHTING ACCESSORIES

37	TI-2017	097 6920 000	Hughey & Phillips 1750 watt Ring Transformer.....	320.00
37	TI-2035	099 0365 000	Hughey & Phillips 3500 watt Ring Transformer.....	375.00
37	NTN	097 1445 000	2" x .032" Copper Strap (4.02 ft./lb.), per ft.....	On Request
37	NTN	097 0811 000	4" x .032" Copper Strap (2.01 ft./lb.), per ft.....	On Request
37	63305-DB	124 0032 559	Fisher-Pierce Beacon Light Control.....	40.50

GROUND SCREEN AND WIRE

37	3" Strap	099 2689 000	3" x .032" Copper Strap/lb.....	On Request
37	NTN	013 0107 000	Truscon Mesh Ground Screen, per sheet.....	On Request
37	NTN	421 1010 000	Copper Ground Wire (31.8 ft./lb.), per lb.....	On Request

COAXIAL LINES AND ACCESSORIES

38	RG8-U	099 0146 000	50 ohm Coaxial, per ft.....	0.17
38	RG17-U	099 0137 000	50 ohm Coaxial, per ft.....	0.70

COAXIAL LINES AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
38	10804-36	099 0396 000	N Cable Plug	\$ 2.00
38	10804-10	NPN	N Junction	3.00
38	10804-10	NPN	N Right Angle	4.50
38	10804-34	NPN	N Cable Jack	2.25
38	10804-9	NPN	N Junction, male	3.50
38	10804-4	NPN	N Panel Receptacle	2.00
38	10805-1	099 0397 000	Cable Plug	1.00
38	10805-5	NPN	Right Angle Connector	5.00
38	HI-50	NPN	1/4" Air Helix40
38	HJI-50	NPN	1/4" Air Helix, jacketed44
39	H2-50	NPN	3/8" Air Helix60
39	HJ2-50	NPN	3/8" Air Helix, jacketed65
38	H4-50	NPN	1/2" Air Helix90
38	HJ4-50	NPN	1/2" Air Helix, jacketed97
38	10805-11	NPN	Adaptor	4.00
38	10805-6	NPN	Junction	2.00
38	10805-4	NPN	Tee Connector	5.00
38	10805-12	NPN	Adaptor	3.25
38	12418-3	NPN	LC Junction	12.00
38	12418-1	NPN	LC Cable Plug	12.00
38	12418-5	NPN	N Cable Plug	9.00
38	12418-12	NPN	UHF Cable Plug	12.00
39	71N	NPN	Type N Jack to 1/4" cable	6.00
39	72N	NPN	Type N Jack to 3/8" cable	10.00
39	74N	NPN	Type N Jack to 1/2" cable	15.00
39	71W	NPN	Type N Plug to 1/4" cable	8.00
39	72W	NPN	Type N Plug to 3/8" cable	10.00
39	74W	NPN	Type N Plug to 1/2" cable	15.00
39	71Z	NPN	Splice for 1/4" cable	Discontinued
39	72Z	NPN	Splice for 3/8" cable	Discontinued
39	74Z	NPN	Splice for 1/2" cable	20.00
39	11662-3	NPN	Insulated Rigid hanger	4.00
39	26892-1	NPN	Grounding Kit, unjacketed	2.00
39	26892-2	NPN	Grounding Kit, jacketed	3.00
39	27290	124 0032 278	Tie Wires	3.00
39	12395-1	097 5010 000	Wraplock	13.00
40	H5-50	NPN	7/8" Helix, 50 ohm	1.65/ft.
40	HJ5-50	NPN	7/8" Helix, 50 ohm, jacketed	1.80/ft.
40	H5-75	NPN	7/8" Helix, 75 ohm	1.65/ft.
40	HJ5-75	NPN	7/8" Helix, 75 ohm, jacketed	1.80/ft.
40	75AR	099 0283 000	7/8" Flange, 50 ohm	24.00
40	75AR-75	NPN	7/8" Flange, 75 ohm	30.00
40	75AR3	NPN	7/8" Flange, 50 ohm, aluminum cable	24.00
40	75AG	NPN	7/8" Flange, with gas barrier	40.00
40	75AG-3	NPN	7/8" Flange with gas barrier for aluminum cable	40.00
40	75AT	099 0281 00	End Terminal, 50 ohm	40.00
40	75AT-75	NPN	End Terminal, 75 ohm	40.00
40	75AZ	NPN	Splice, copper cable	32.00
40	75AZ-3	NPN	Splice, aluminum cable	32.00
41	75AN	099 0400 000	Type N Jack, 50 ohm	20.00
41	75AN-75	NPN	Type N Jack, 75 ohm	30.00
41	75AN-3	NPN	Type N Jack, 50 ohm aluminum	20.00
41	75AW	NPN	Type N Plug, 50 ohm	24.00
41	75AL	NPN	Type LC Jack	35.00
41	75AM	NPN	Type LC Plug, 50 ohm	35.00
41	75AM-75	NPN	Type LC Plug, 75 ohm	40.00
41	75AU	NPN	UHF Jack, 50 ohm	20.00
41	75AU-75	NPN	UHF Jack, 75 ohm	40.00
41	75AU-3	NPN	UHF Jack, 50 ohm	20.00
41	1060	099 0404 000	90° Elbow, 50 ohm	30.00
41	1070	099 0405 000	90° Elbow, 75 ohm	30.00
	1260A	NPN	Gas Barrier, 50 ohm	28.00
41	1860	097 5405 000	Reducer	44.00
41	25385	099 0406 000	Inner Connector, 50 ohm	10.00

COAXIAL LINES AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
41	18275	099 0407 000	Inner Connector, 75 ohm.....	Obsolete
	4850A	NPN	Adaptor, 50-51.5 ohm.....	10.00
41	25388	NPN	Adaptor 50-75 ohm.....	10.00
41	29958	NPN	Cable Grip.....	11.00
	1925B	NPN	Cable Grip, jacketed.....	12.00
41	11662-2	NPN	Insulated Hanger.....	5.00
41	12395-1	097 5010 000	Wraplock.....	13.00
41	24810-1	099 0409 000	Grounding Kit, copper.....	2.50
41	24810-2	124 0032 267	Grounding Kit, copper, jacketed.....	3.50
41	24810-4	124 0061 367	Grounding Kit, aluminum, jacketed.....	3.50
42	H7-50A	NPN	1 $\frac{5}{8}$ " Heliax, 50 ohm.....	3.70/ft.
42	HJ7-50A	NPN	1 $\frac{5}{8}$ " Heliax, 50 ohm, jacketed.....	4.00/ft.
42	H7-75	NPN	1 $\frac{5}{8}$ " Heliax, 75 ohm.....	3.70/ft.
42	HJ7-75	NPN	1 $\frac{5}{8}$ " Heliax, 75 ohm, jacketed.....	4.00/ft.
42	87R	097 0032 000	1 $\frac{5}{8}$ " Flange, 50 ohm, copper.....	45.00
42	77AR-75	NPN	1 $\frac{5}{8}$ " Flange, 75 ohm, copper.....	55.00
42	87G	124 0032 194	1 $\frac{5}{8}$ " Flange, with gas barrier.....	60.00
42	87S	099 3006 000	Reducer to $\frac{7}{8}$ " flange.....	60.00
42	87Z	124 0061 146	Splice 50 ohm, copper.....	65.00
42	77AZ-75	NPN	Splice 75 ohm, copper.....	70.00
42	87Z-3	NPN	Splice 50 ohm, aluminum.....	65.00
43	87L	NPN	Type LC Jack, 50 ohm.....	60.00
43	77AL-75	NPN	Type LC Jack, 75 ohm.....	65.00
43	87M	NPN	Type LC Plug, 50 ohm.....	60.00
43	77AM-75	NPN	Type LC Plug, 75 ohm.....	65.00
43	87N	NPN	Type N Jack, 50 ohm, copper.....	50.00
43	87N-3	NPN	Type N Jack, 50 ohm, aluminum.....	50.00
43	87U	099 3004 000	UHF Jack, 50 ohm.....	65.00
43	87T	099 3005 000	End Terminal, 50 ohm.....	75.00
43	77AT-75	NPN	End Terminal, 75 ohm.....	80.00
43	1061	097 5620 000	1 $\frac{5}{8}$ " 90°, 50 ohm, Elbow.....	44.00
43	1071	099 0415 000	1 $\frac{5}{8}$ " 90°, 75 ohm, Elbow.....	48.00
	1261B	NPN	1 $\frac{5}{8}$ " Gas Barrier, 50 ohm.....	50.00
43	1271	099 0416 000	1 $\frac{5}{8}$ " Gas Barrier, 75 ohm.....	50.00
43	2061	097 7042 000	1 $\frac{5}{8}$ " End Terminal, 50 ohm.....	58.00
43	2071	099 0417 000	1 $\frac{5}{8}$ " End Terminal, 75 ohm.....	58.00
	34660	NPN	1 $\frac{5}{8}$ " Inner Connector, 50 ohm.....	9.50
43	4851	097 5406 000	1 $\frac{5}{8}$ " Adaptor, 50-51.5 ohm.....	12.00
43	25572	NPN	1 $\frac{5}{8}$ " Adaptor, 50-75 ohm.....	12.00
	24312A	NPN	Cable Grip.....	13.00
43	24622	099 0124 000	Insulated Hanger.....	Discontinued
43	12395-1	097 5010 000	Wraplock.....	13.00
43	24811-1	099 0419 000	Grounding Kit.....	3.00
43	24811-2	NPN	Grounding Kit, jacketed.....	3.50
43	24811-4	NPN	Grounding Kit, jacketed.....	3.50
44	H8-50A	NPN	3" Heliax, 50 ohm.....	7.00/ft.
44	HJ8-50A	NPN	3" Heliax, 50 ohm, jacketed.....	7.50/ft.
44	H8-75A	NPN	3" Heliax, 75 ohm.....	7.50/ft.
44	HJ8-75A	NPN	3" Heliax, 75 ohm, jacketed.....	7.50/ft.
44	78R	099 2314 000	3 $\frac{1}{8}$ " Flange, 50 ohm, Male.....	90.00
44	78R-75	NPN	3 $\frac{1}{8}$ " Flange, 75 ohm.....	On application
44	78G	NPN	3 $\frac{1}{8}$ " Flange, with gas barrier, Male.....	100.00
44	78G-75	NPN	3 $\frac{1}{8}$ " Flange, with gas barrier, 75 ohm, Male.....	On application
44	78S	NPN	3 $\frac{1}{8}$ " to 1 $\frac{5}{8}$ " Reducer, 50 ohm.....	110.00
44	78S-75	NPN	3 $\frac{1}{8}$ " to 1 $\frac{5}{8}$ " Reducer, 75 ohm.....	On application
45	78Z	NPN	3" Splice, 50 ohm.....	110.00
45	78Z-75	NPN	3" Splice, 75 ohm.....	On application
45	78L	NPN	Type LC Jack, 50 ohm.....	110.00
45	1062	097 5621 000	3 $\frac{1}{8}$ " Elbow, 50 ohm.....	80.00
45	1072	099 0391 000	3 $\frac{1}{8}$ " Elbow, 75 ohm.....	80.00
	1262B	NPN	3 $\frac{1}{8}$ " Gas Barrier, 50 ohm.....	90.00
45	1272	099 0394 000	3 $\frac{1}{8}$ " Gas Barrier, 75 ohm.....	95.00
45	2062	099 0392 000	End Terminal, 50 ohm.....	90.00
45	2072	099 0393 000	End Terminal, 75 ohm.....	90.00

COAXIAL LINES AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
45	1861	097 6050 000	Reducer 3 1/8" — 1 5/8", 50 ohm.....	\$ 75.00
45	1871	124 0061 052	Reducer 3 1/8" — 1 5/8", 50 ohm.....	85.00
	15093A	NPN	Inner Connector, 50 ohm.....	20.00
45	24444	NPN	Inner Connector, 75 ohm.....	22.00
45	25570	NPN	Inner Connector, 50-75 ohm.....	12.00
45	23187	097 7262 000	Adaptor, male to male, 50 ohm.....	25.00
45	24530	097 7262 000	Adaptor, male to male, 75 ohm.....	28.00
45	13927	097 7018 000	Rigid Hanger.....	14.00
45	22418	099 0515 000	Insulated Hanger.....	Discontinued
45	13555	097 6124 000	Hanger Adaptor.....	4.50
45	13550	097 6745 000	Hanger Adaptor.....	4.50
45	28708-1	NPN	Grounding Kit.....	4.00
45	28708-2	NPN	Grounding Kit, jacketed.....	6.00
45	26985A	NPN	Cable Grip.....	20.00
46	H9-50	NPN	5" Helix, 50 ohm.....	14.00/ft.
46	HJ9-50	NPN	5" Helix, 50 ohm, jacketed.....	15.00/ft.
46	79R	NPN	6 1/8" Flange, 50 ohm.....	220.00
46	79G	NPN	6 1/8" Flange, with gas barrier.....	240.00
46	79Z	NPN	Splice.....	240.00
46	1073	NPN	Elbow.....	250.00
46	1273	NPN	Gas Barrier.....	300.00
46	1872	NPN	Reducer 6 1/8" to 3 1/8".....	290.00
46	30417-1	NPN	Grounding Kit.....	5.00
46	30417-2	NPN	Grounding Kit, jacketed.....	7.00
46	31031	NPN	Cable Grip.....	50.00
47	FHI-50	NPN	1/4" Foam Helix.....	.26
47	FHJ1-50	NPN	1/4" Foam Helix, jacketed.....	.30
47	41U	NPN	UHF Jack 1/4".....	4.00
47	42U	124 0032 380	UHF Jack 3/8".....	4.50
47	41P	NPN	UHF Plug 1/4".....	4.50
47	42P	NPN	UHF Plug 3/8".....	5.00
47	41N	124 0061 288	Type N Jack 1/4".....	4.00
47	42N	124 0061 165	Type N Jack 3/8".....	4.50
47	41W	NPN	Type N Plug 1/4".....	4.50
47	42W	NPN	Type N Plug 3/8".....	5.00
47	12395-1	097 5010 000	Wraplock.....	13.00
47	27290	124 0032 278	Tie Wire.....	2.70
48	FH4-50A	NPN	1/2" Foam Helix, 50 ohm.....	.53/ft.
48	FHJ4-50A	NPN	1/2" Foam Helix, 50 ohm.....	.60/ft.
48	FH4-75	NPN	1/2" Foam Helix, 75 ohm.....	.53/ft.
48	FHJ4-75	NPN	1/2" Foam Helix, 75 ohm.....	.60/ft.
48	44AR	NPN	7/8" EIA Flange, 50 ohm.....	20.00
48	44AR3	NPN	7/8" EIA Flange, 50 ohm.....	20.00
48	44AZ	124 0032 000	Splice, 50 ohm.....	20.00
48	44AM	NPN	LC Plug (male), 50 ohm.....	20.00
48	44AL	NPN	LC Jack (female), 50 ohm.....	20.00
49	44AP	099 2557 000	UHF Plug (male), 50 ohm.....	5.00
49	44AP3	NPN	UHF Plug (male), 50 ohm.....	5.00
49	44AU	099 2455 000	UHF Jack (female), 50 ohm.....	5.00
49	44AU3	NPN	UHF Jack (female), 50 ohm.....	5.00
49	44AW	NPN	N Plug (male), 50 ohm.....	6.00
49	44AW-75	NPN	N Plug (male), 75 ohm.....	6.00
49	44AW3	NPN	N Plug (male), 75 ohm.....	6.00
49	44AN	NPN	N Jack (female), 50 ohm.....	6.00
49	44AN3	NPN	N Jack (female), 50 ohm.....	6.00
49	44AT	099 3517 000	End Terminal, 50 ohm.....	20.00
49	44AT3	NPN	End Terminal, 50 ohm.....	20.00
49	44AJ	NPN	HN Plug, 50 ohm.....	20.00
49	44AGR	NPN	General Radio Adaptor.....	20.00
49	16253-21	NPN	Jumper Cable.....	6.00
49	11662-3	NPN	Insulated Mounting Clamp.....	4.00
49	27290	124 0032 278	Copperweld Tie Wires.....	3.00
49	12395-1	097 5010 000	Stainless Steel Wraplock.....	13.00
49	26892-1	NPN	Grounding Kit, unjacketed.....	2.00

COAXIAL LINES AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
49	26892-2	NPN	Grounding Kit, jacketed.....	\$ 3.00
49	26892-4	NPN	Grounding Kit, jacketed.....	3.00
50	FH5-50	NPN	7/8" Foam Helix, 50 ohm.....	1.40/ft.
50	FH5-75	NPN	7/8" Foam Helix, 75 ohm.....	1.40/ft.
50	45AR	124 0032 419	7/8" EIA Flange, 50 ohm.....	20.00
50	45AR-3	NPN	7/8" EIA Flange, 50 ohm.....	20.00
50	45AZ	124 0032 152	7/8" Splice, 50 ohm.....	24.00
50	45AZ-3	NPN	7/8" Splice, 50 ohm.....	24.00
50	45AU	099 2553 000	UHF Jack (female), 50 ohm.....	12.00
50	45AU-3	NPN	UHF Jack (female), 50 ohm.....	12.00
50	45AP	NPN	UHF Plug (male), 50 ohm.....	12.00
50	45AP-3	NPN	UHF Plug (male), 50 ohm.....	12.00
51	44AN	NPN	N Jack (female), 50 ohm.....	6.00
51	44AN-75	NPN	N Jack (female), 75 ohm.....	6.00
51	45AN-3	NPN	N Jack (female), 50 ohm.....	15.00
51	45AW	124 0061 263	N Plug (male), 50 ohm.....	15.00
51	45AW-3	NPN	N Plug (male), 50 ohm.....	15.00
51	45AT	099 2519 000	End Terminal, 50 ohm.....	30.00
51	45AT-3	NPN	End Terminal, 50 ohm.....	30.00
51	45AL	NPN	LC Jack (female), 50 ohm.....	30.00
51	45AM	NPN	UG 352 LC Plug (male), 50 ohm.....	30.00
51	45AH	NPN	HN Jack (female), 50 ohm.....	40.00
51	45AJ	NPN	HN Plug (male), 50 ohm.....	40.00
51	1060	099 0404 000	90° Miter Elbow, 50 ohm.....	30.00
51	34389	NPN	Inner Connector, 50 ohm.....	9.50
51	4850A	NPN	Adaptor Inner Connector, 50 to 51.5 ohm.....	10.00
51	11662-2	099 0410 000	Insulated Mounting Clamp.....	5.00
51	29958	124 0032 593	Cable Grip, unjacketed.....	11.00
51	19256B	NPN	Cable Grip, jacketed.....	12.00
51	27290	124 0032 278	Copperweld Tie Wires.....	3.00
51	12395-1	097 5010 000	Wraplock.....	13.00
51	24810-1	099 0409 000	Grounding Kit, unjacketed.....	2.50
51	24810-2	NPN	Grounding Kit, jacketed.....	3.50
51	24810-4	NPN	Grounding Kit, jacketed.....	4.50
52	FH7-50	NPN	1 1/8" Foam Helix, 50 ohm.....	3.00/ft.
52	FHJ7-50	NPN	1 1/8" Foam Helix, 50 ohm.....	3.30/ft.
52	47R	124 0032 150	1 1/8" EIA Flange, 50 ohm.....	50.00
52	47R-3	NPN	1 1/8" EIA Flange, 50 ohm.....	50.00
52	47Z	NPN	1 1/8" Splice, 50 ohm.....	60.00
52	47Z-3	NPN	1 1/8" Splice, 50 ohm.....	60.00
52	47L	NPN	LC Jack (female), 50 ohm.....	50.00
52	47L-3	NPN	LC Jack (female), 50 ohm.....	50.00
52	47N	NPN	N Jack (female), 50 ohm.....	50.00
52	47N-3	NPN	N Jack (female), 50 ohm.....	50.00
53	47W	NPN	N Plug (male), 50 ohm.....	60.00
53	47W-3	NPN	N Plug (male), 50 ohm.....	60.00
53	1061	097 5620 000	90° EIA Elbow, 50 ohm.....	44.00
53	1261B	099 0238 000	1 1/8" EIA Gas Barrier.....	50.00
53	2061	097 7042 000	1 1/8" EIA End Terminal.....	58.00
53	1860	097 5405 000	1 1/8" to 7/8" Reducer.....	44.00
53	1861	097 6050 000	3 1/8" to 1 1/8" Reducer.....	75.00
	34660	NPN	EIA Inner Connector, 1 1/8".....	9.50
53	4851	097 5406 000	50-51.5 ohm Adaptor Inner Connector.....	12.00
	24312A	NPN	Cable Grip.....	13.00
53	24622	099 0124 000	Insulated Rigid Hanger.....	8.00
53	12395-1	097 5010 000	Wraplock.....	13.00
53	24811-1	099 0419 000	Grounding Kit, unjacketed.....	3.00
53	24811-2	NPN	Grounding Kit, jacketed.....	3.50
53	24811-4	NPN	Grounding Kit, jacketed, replaces 24811-3.....	3.50
54	FH8-50	NPN	3" Foam Helix.....	6.00/ft.
54	FHJ8-50A	NPN	3" Foam Helix, jacketed.....	6.50/ft.
54	48R	NPN	3 1/8" EIA Flange.....	90.00
54	48Z	NPN	Splice.....	110.00
55	560	NPN	7/8" Rigid Line, 20 ft.....	90.00

COAXIAL LINES AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
55	560-21	NPN	7/8" Line, 20 ft., less flanges.....	\$70.00/sec.
55	560-11	NPN	7/8" Line, 20 ft., flange on end.....	80.00/sec.
55	2760-21	NPN	7/8" Line, special length.....	40.00 plus 2.00/ft.
55	1060	099 0202 000	90° Elbow	30.00
55	2360A	097 5959 000	Adaptor	36.00
55	1560A	099 0433 000	Soft Solder Flange Kit.....	11.00
55	1260A	099 0203 000	Gas Barrier	28.00
55	2260B	NPN	Adaptor	27.00
55	34389	NPN	Inner Connector	9.50
55	14328	124 0032 316	Rigid Hanger	7.50
55	13889	099 0512 000	Spring Hanger	18.00
55	13555	097 6124 000	Angle Adaptor	4.50
55	18630	NPN	Fixed Flange Kit.....	4.00
55	18096	NPN	Swivel Flange Kit.....	9.00
55	4850	097 5958 000	Inner Connector Adaptor.....	10.00
55	14327	099 0511 000	Sliding Hanger	5.00
55	3900	099 0513 000	Horizontal Anchor	28.00
55	13550	097 6745 000	Round Member Clamp.....	4.50
56	561	NPN	1 5/8" Rigid Line, 20 ft. with flanges.....	110.00
56	561 11	NPN	1 5/8" Rigid Line, 20 ft. one flange.....	104.00
56	561 21	NPN	1 5/8" Rigid Line, 20 ft. no flanges.....	98.00
56	2761	NPN	1 5/8" Rigid Line, special length, flanged.....	50.00 plus 3.00/ft.
56	2761 11	NPN	1 5/8" Rigid Line, special length, one flange.....	44.00 plus 3.00/ft.
56	2761 21	NPN	1 5/8" Rigid Line, special length, no flanges.....	40.00 plus 3.00/ft.
56	1061	097 5620 000	90° Elbow	44.00
56	1061 3	NPN	90° Elbow, no flanges.....	30.00
56	34660	NPN	Inner Connector	9.50
56	4851	097 5406 000	Adaptor Inner Connector.....	12.00
56	1261B	099 0238 000	Gas Barrier	50.00
56	2261A	NPN	Adaptor	44.00
56	2361A	NPN	Adaptor	48.00
56	1861	097 6050 000	Reducer, 3 1/8" to 1 5/8".....	75.00
56	1860	097 5405 000	Reducer, 1 5/8" to 7/8".....	44.00
57	2061	097 7042 000	End Terminal	58.00
57	20695	099 0434 000	Flegible Section	150.00
57	30452	NPN	Male to Male Adaptor.....	30.00
57	1561A	097 6351 000	Soft Solder Flange Kit.....	14.00
57	4861A	099 0437 000	Unpressurized Coupling.....	8.00
57	18631	NPN	Fixed Flange Kit.....	8.00
57	18041	124 0032 172	Swivel Flange Kit.....	10.00
57	11381 2	NPN	Hardware Kit	2.00
57	10683 2	124 0032 172	"O" Ring Gasket50
57	13924	097 5969 000	Rigid Hanger	9.00
57	14378	097 5972 000	Sliding Hanger	8.00
57	14442	NPN	Insulated Sliding Hanger.....	13.00
57	14379	124 0032 189	Spring Hanger	15.00
57	14441	124 0032 190	Insulated Spring Hanger.....	20.00
57	3921	124 0032 187	Lateral Brace	30.00
57	13550	097 6745 000	Round Member Clamp.....	4.50
57	13555	097 6124 000	Angle Adaptor	4.50
57	13552	NPN	Extension Spacer	3.50
57	3911	097 7535 000	Horizontal Hanger	16.00
57	3901	097 5968 000	Horizontal Anchor	25.00
57	124301	099 0509 000	Ground Clamp	15.00
57	14063	NPN	Spare Insulator	6.50
58	562A	NPN	3 1/8" Rigid Line, 20 ft., with flanges.....	200.00
58	562A 11	NPN	3 1/8" Rigid Line, 20 ft., one flange.....	190.00
58	562A 21	NPN	3 1/8" Rigid Line, 20 ft., no flange.....	180.00
58	2762A1	NPN	3 1/8" Rigid Line, special length.....	64.00 plus 7.00/ft.
58	2762A 11	NPN	3 1/8" Rigid Line, special length, one flange.....	54.00 plus 7.00/ft.
58	2762A 21	NPN	3 1/8" Rigid Line, special length, no flange.....	44.00 plus 7.00/ft.
58	1062	097 5621 000	90° Elbow	80.00
58	1062 3	124 0032 546	90° Elbow, no flanges.....	50.00
58	30079	NPN	Coated Connector	25.00

COAXIAL LINES AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
58	4852	013 1216 000	Adaptor Inner Connector.....	\$ 12.00
58	15093	NPN	Inner Connector	20.00
58	1262	097 5754 000	Gas Barrier	90.00
58	2262	099 0445 000	Adaptor	85.00
58	1861	097 6050 000	Reducer, 3 $\frac{1}{8}$ " to 1 $\frac{1}{8}$ ".....	75.00
58	1872	NPN	Reducer, 6 $\frac{1}{8}$ " to 3 $\frac{1}{8}$ ".....	290.00
59	2062	099 0444 000	End Terminal	90.00
59	2962	099 0442 000	Breakaway Section	275.00
	19209C	NPN	Flexible Section	275.00
59	1362	099 0446 000	Gas Inlet Coupling	Discontinued
59	23187	097 7262 000	Male to Male Adaptor.....	25.00
	4862B	NPN	Ungassed Coupling	28.00
59	1562A	124 0061 047	Soft Solder Flange Kit.....	34.00
59	10683 3	NPN	"O" Ring Gasket.....	0.50
59	18200	124 0061 296	Swivel Flange Kit.....	14.00
59	15840	124 0061 182	Fixed Flange Kit.....	10.00
59	11381 3	NPN	Hardware Kit	2.90
59	13927	097 7018 000	Rigid Hanger	14.00
59	13925	097 6122 000	Spring Hanger	20.00
59	13926	097 6768 000	Insulated Spring Hanger.....	35.00
59	12431	099 0503 000	Ground Clamp	12.00
59	3922	099 0504 000	Lateral Brace	27.00
59	3912	099 0505 000	Horizontal Hanger	18.00
59	3902	099 9506 000	Horizontal Anchor	40.00
59	13555	097 6124 000	Angle Adaptor	4.50
59	13550	097 6745 000	Round Member Clamp.....	4.50
59	14063	097 6746 000	Spare Insulator	6.50
59	13552	097 6744 000	Extension Spacer	3.50
60	1920A	124 0032 273	Dehydrator	640.00
60	31614	NPN	Regulating Tank	100.00
60	31615	NPN	Humidity Sensor	175.00
60	31616	NPN	Humidity Sensor	150.00
60	31617	NPN	Pressure Sensor	45.00
60	31618	NPN	Pressure Sensor	30.00
61	6600A	NPN	Manifold	22.00 plus 12.00 outlet
61	59060	NPN	Low Pressure Dehydrator.....	120.00
61	878	097 5960 000	Hand Pump	65.00
61	858A	124 0032 159	Nitrogen Fittings	65.00
62	3017	013 0356 000	Inlet Valve	0.85
62	3500	013 0366 000	Gauge	3.50
62	3027	013 0368 000	Valve	3.00
62	4944	013 0728 000	Valve	4.00
62	4949	013 0730 000	Valve	4.00
62	31680-1	NPN	Connector	0.50
62	31680-2	NPN	Connector	0.60
62	31680-3	NPN	Branch Tee	1.30
62	31680-5	NPN	Run Tee	1.15
	31680-4	NPN	Elbow, 3 $\frac{1}{8}$ "	0.90
62	3028	NPN	Pipe Tee, 1 $\frac{1}{8}$ " female thread.....	0.60
62	3022	013 0701 000	Pipe Tee	0.95
62	3018	013 0367 000	Plug	0.60
62	3026	013 0703 000	Pipe Nipple	0.50
62	25436 12	NPN	Pipe Nipple	0.50
62	9905 18	NPN	Vinyl Tape	0.90
62	10195	NPN	Spare Hose	3.75
62	210	013 0439 000	Silica Gel	3.00
62	25435	NPN	3 $\frac{1}{8}$ " Poly Tubing.....	0.16/ft.
62	10712-24	NPN	Mounting Strap, 3 $\frac{1}{8}$ ".....	0.20
62	10741 2	NPN	1 $\frac{1}{4}$ " Copper Tubing.....	0.50/ft.
62	10994 4	NPN	Coupling	0.90
62	10994 2	NPN	Coupling	1.35
62	12129	NPN	Splicing Sleeve	2.50
62	4947	013 0729 000	Coupling	0.80

AUDIO EQUIPMENT AND ACCESSORIES

Catalog Page	Type No.	Part Number	Description	Price
70-71	212S-1	522 3880 001	Stereo Console	\$ 4,230.00
71	212S-1	522 3880 710	Dual Channel Console.....	3,950.00
71	260S-1	522 3882 001	Add On Unit Stereo.....	660.00
71	260S-1	522 3882 001	Add On Unit Mono.....	490.00
72	212M-1	522 3879 001	Mono Console	2,640.00
73	356T-1	522 3885 001	Preamplifier	94.50
73	356V-1	522 3887 001	High Level Preamplifier.....	97.00
74	356P-1	522 3884 001	Program Amplifier	110.00
74	356M-1	522 3883 001	Monitor Amplifier	122.00
75	384D-1	522 3888 001	Switch Matrix	90.00
75	409Z-1	522 3886 001	Power Supply	415.00
76	356R-1	758 5486 001	Phono Preamplifier.....	125.00
76	26J-1	099 2814 000	Auto-level Amplifier	275.00
76	NTN	NPN	Recommended set of Spare Tubes.....	13.81
77	26U-1	522 0966 000	Limiting Amplifier	450.00
77	NTN	NPN	100% Set Tubes.....	15.00
78	26U-2	522 3237 000	Stereo Limiter	950.00
78	—	NPN	100% Set Tubes.....	30.00
79	TT900	124 0032 011	12" Stereo Turntable.....	185.00
79	TT400	097 3736 000	16", 4 Pole Motor Turnable.....	199.50
79	TT400S	097 3737 000	16", Synchronous Motor	235.00
79	TT450S	097 6286 000	50 Cycle Synchronous Motor.....	275.00
79	TT200	097 3971 000	12", 4 Pole Motor.....	130.00
79	TT200S	097 3811 000	12", Synchronous Motor.....	152.50
79	TT250S	097 6285 000	50 Cycle Synchronous Motor.....	165.00
80	NTN	097 8123 000	Rubber Filler for TT200 Tables.....	3.50
80	NTN	097 7253 000	Step down Transformer 220/110V, 150W.....	8.80
80	TCW-9Q	124 0032 228	TT900 Cabinet	110.00
80	TCW-2Q	124 0032 230	TT200 Cabinet	110.00
80	TCW-4Q	124 0032 229	TT400 Cabinet	110.00
80	356H-1	522 2468 000	Phono Preamplifier	115.00
81	212TN		12" Gray Arm.....	Discontinued
NPN	206-S	124 0061 222	12" Gray Arm.....	67.00
NPN	206-SG	124 0061 223	12" Gray Arm.....	67.00
81	208-S	099 0387 000	16" Gray Arm.....	52.00
81	208-SG	099 0164 000	16" Gray Arm.....	52.00
81	8-SG	099 0837 000	Slide Mount	4.30
81	3009	124 0032 662	Precision Arm	92.50
81	3012	NPN	Precision Arm	102.50
82	M44-7	099 3018 000	Cartridge, stereo .0007 needle.....	19.95
82	M44-7	124 0032 301	Cartridge, .001 needle.....	19.95
82	N44-7	124 0032 302	.0007 Needle Assembly.....	9.75
82	N44-1	124 0032 303	.001 Needle Assembly.....	9.75
82	M44-5	NPN	Cartridge, stereo .0005 needle.....	21.95
83	M5-D	124 0032 109	Cartridge	27.50
83	M6-S	124 0032 11	Cartridge	15.00
83	M232	097 8118 000	12" Arm	29.95
83	M236	097 8122 000	16" Arm	31.95
83	S260	099 0242 000	16" Arm, less weight.....	39.95
83	S320	099 0241 000	12" Arm, with weight.....	34.95
83	NTN	124 0032 094	Weight for S260.....	2.50
83	—	124 0032 549	Type PS20-L Cartridge Shell	4.95
84	4GS-01D	097 3844 000	Cartridge	13.95
84	4GS-02D	097 3845 000	Cartridge	13.95
84	4GS-01S	097 3846 000	Cartridge	9.95
84	4GS-02S	097 3847 000	Cartridge	9.95
84	4GD-01D-02S	097 3848 000	Cartridge	16.95
84	4GD-01D-02D	097 3849 000	Cartridge	19.95
84	4GD-01S-02S	097 3850 000	Cartridge	12.95
84	4G-01D	097 3853 000	Stylus	7.95
84	4G-02D	097 3854 000	Stylus	7.95
84	4G-01S	097 3851 000	Stylus	2.95
84	4G-02S	097 3852 000	Stylus	2.95

TAPE EQUIPMENT AND ACCESSORIES

Catalog Page	Type No.	Part Number	Description	Price
84	642A-2	522 3497 000	Cartridge Playback	Discontinued
84	—	NPN	100% Set of Tubes and Lamps, 642A-2.....	8.04
85	216C-2	522 3496 000	Record Amplifier	Discontinued
85	—	NPN	100% Set of Tubes and Lamps, 216C-2.....	8.05
86	DWW-3	097 5350 000	Desk Wing Console.....	250.00
86	TCR-1Q	124 0032 300	Cartridge Rack	52.50
86	NTN	097 7559 000	Lazy Susan Rack.....	275.00
86	NTN	097 7560 000	Wire Cartridge Rack.....	25.00
87	313T-4	522 2552 000	Remote Control Panel for 642A-1/2.....	55.00
87	313T-3	522 2551 000	Remote Control Panel for 642A-1/2.....	32.50
87	313T-1	522 2550 000	Remote Control Panel for 642A-1/2.....	32.50
87	300	124 0032 057	40 Second Cartridge, box 6.....	12.96
87	300	124 0032 058	70 Second Cartridge, box 6.....	13.68
87	300	124 0032 059	90 Second Cartridge, box 6.....	14.16
87	300	124 0032 060	100 Second Cartridge, box 6.....	14.40
87	300	124 0032 061	2 1/2 Minute Cartridge, box 6.....	15.24
87	300	124 0032 062	3 Minute Cartridge, box 6.....	15.84
87	300	124 0032 063	3 1/2 Minute Cartridge, box 6.....	16.44
87	300	124 0032 064	5 Minute Cartridge, box 6.....	18.12
87	300	124 0032 090	5 1/2 Minute Cartridge, box 6.....	18.84
87	300	124 0032 065	7 1/2 Minute Cartridge, box 6.....	21.12
87	300	124 0032 066	10 Minute Cartridge, box 6.....	23.76
87	300	124 0032 067	10 1/2 Minute Cartridge, box 6.....	24.72
87	600	124 0032 068	11 Minute Cartridge, box 2.....	11.32
87	600	124 0032 069	13 1/2 Minute Cartridge, box 2.....	12.40
87	600	124 0032 070	15 Minute Cartridge, box 2.....	13.10
87	600	124 0032 071	16 Minute Cartridge, box 2.....	13.52
87	1200	124 0032 072	31 Minute Cartridge, box 2.....	23.80
87	300	124 0032 073	Series 300 Empty, box 6.....	10.20
87	600	124 0032 074	Series 600 Empty, box 2.....	5.64
87	1200	124 0032 075	Series 1200 Empty, box 2.....	8.48
87	MM151	099 2629 000	Tape, 1700' on 7" reel.....	7.07
88	111A-12	272 1407 000	Tape, 1200' on 7" reel.....	2.34
88	150-18	097 7112 000	Tape, 1800' on 7" reel, Mylar.....	4.13
88	190-181	099 0040 000	Tape, 1800' on 7" reel, Plastic.....	3.67
88	ST-500	124 0032 544	Splicing Tape	1.35
88	TS-8D	124 0032 178	Splicer-cutter	8.60
88	NTN	097 6076 000	Test Tape	6.00
88	NTN	554 2632 002	Head Penetration Gauge.....	10.00
88	NTN	554 2635 002	Tape Head Height Gauge.....	5.00
88	NTN	099 2546 000	Box 50, pressure pads.....	7.50
88	NTN	099 0066 000	Repair Kit, minimum of 3 each.....	Discontinued
88	200C	097 5172 000	Tape Eraser.....	18.00
88	HD-11M	099 0371 000	Tape Eraser.....	18.95
		124 0032 839	HD-11-AD Hub adapter.....	3.10
89	602-1	099 2476 000	Ampex, 7 1/2 ips, 1/2 track, with case, #4016021-04.....	625.00
89	602-1	099 2477 000	Ampex, 7 1/2 ips, full track, with case, #4016021-02.....	625.00
89	602-1	099 2478 000	Ampex, 3 3/4 ips, half track, with case, #4016021-08.....	625.00
89	602-1	099 2479 000	Ampex, 7 1/2 ips, 1/2 track, uncased, #4016021-03.....	575.00
89	602-1	099 2480 000	Ampex, 7 1/2 ips, full track, uncased, #4016021-01.....	575.00
89	602-2	099 2481 000	Ampex, 7 1/2 ips, two track, with case, #4016023-02.....	875.00
89	602-2	099 2482 000	Ampex, 3 3/4 ips, two track, with case, #4016023-04.....	875.00
89	602-2	099 2483 000	Ampex, 7 1/2 ips, two track, uncased, #4016023-01.....	795.00
90	622	099 2484 000	Ampex, 10 watt amplifier, cased, #01-0622.....	189.50
90	864	099 2485 000	Ampex, rack adaptor for 602-1, #01-0864.....	17.50
90	865	099 2486 000	Ampex, rack adaptor for 602-2, #01-0865.....	25.00
90	01-0897	NPN	Ampex, minor hardware kit.....	11.95
90	01-0855	NPN	Ampex, case for 602-1.....	59.50
90	01-0855	NPN	Ampex, case for 602-2.....	89.50
90	89-0080	NPN	Operation Manual, 602 series.....	6.00
90	89-0099	NPN	Operators Guide, 622 series.....	1.00
90	01-0894	124 0032 131	Ampex, professional maintenance kit.....	12.50
90	820	124 0032 140	Ampex, head demagnetizer.....	9.95
90	823	124 0032 201	Ampex, head cleaner, 4 oz. can.....	1.45

Model		Description					
SINGLE CHANNEL — 1/4" Tape Width				60 cycle	50 cycle	Price	
AG-440-1 Recorder/Reproducer	7 1/2-15	FULL	Unmounted	4010071-01	4010071-02	\$1970.00	
	7 1/2-15	FULL	Console	4010071-03	4010071-04	2350.00	
	7 1/2-15	FULL	Portable	4010071-05	4010071-06	2110.00	
	7 1/2-15	HALF	Unmounted	4010071-07	4010071-08	1970.00	
	7 1/2-15	HALF	Console	4010071-09	4010071-10	2350.00	
	7 1/2-15	HALF	Portable	4010071-11	4010071-12	2110.00	
	3 3/4-7 1/2	FULL	Unmounted	4010071-13	4010071-14	1970.00	
	3 3/4-7 1/2	FULL	Console	4010071-15	4010071-16	2350.00	
	3 3/4-7 1/2	FULL	Portable	4010071-17	4010071-18	2110.00	
	3 3/4-7 1/2	HALF	Unmounted	4010071-19	4010071-20	1970.00	
	3 3/4-7 1/2	HALF	Console	4010071-21	4010071-22	2350.00	
	3 3/4-7 1/2	HALF	Portable	4010071-23	4010071-24	2110.00	
	TWO CHANNEL — 1/4" Tape Width						
	AG-440-2 Recorder/Reproducer			Unmounted	4010072-01	4010072-02	2640.00
		TWO	Console	4010072-03	4010072-04	3020.00	
			Portable	4010072-05	4010072-06	2780.00	
7 1/2-15		TWO	Unmounted	4010072-13	4010072-14	2690.00	
		Plus Qtr.	Console	4010072-15	4010072-16	3070.00	
		Track P.B.	Portable	4010072-17	4010072-18	2830.00	
			Unmounted	4010072-07	4010072-08	2640.00	
		TWO	Console	4010072-09	4010072-10	3020.00	
			Portable	4010072-11	4010072-12	2780.00	
3 3/4-7 1/2		TWO	Unmounted	4010072-19	4010072-20	2690.00	
		Plus Qtr.	Console	4010072-21	4010072-22	3070.00	
		Track P.B.	Portable	4010072-23	4010072-24	2830.00	

TAPE EQUIPMENT AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
90	825	NPN	Ampex, lubricating oil	\$ 0.95
91	1028-2X	099 3013 000	Magnecord, 7 1/2/15 ips, Recorder/Reproducer, less case, A91A9808-2.....	995.00
91	P/NA91C 2959	124 0061 159	Rack Adapter Panel for 1028 Recorder, A91C2959.....	19.00
	P/NA91A 3168-2	NPN	Carrying Case for 1028 Recorder, A91A3168-2.....	50.00
92	1022X	124 0032 375	Magnecord, 7 1/2/15 ips, Recorder/Reproducer, less case 91E6190-2.....	788.00
92		NPN	Carrying Case for 1022 Recorder, A81D128-2.....	40.00
92		NPN	Carrying Case for 1022 Amplifier, A81D129-2.....	40.00
92	1021X	124 0032 185	Magnecord, 3 3/4/7 1/2 ips, Recorder/Reproducer, less case, 91E6190-1.....	708.00
	1021X	124 0061 159	Magnecord, 7 1/2/15 ips, Recorder/Reproducer, less case, 91E6190-2.....	708.00
92	1021RX	124 0032 183	Magnecord, 3 3/4/7 1/2 ips, Recorder/Reproducer, Remote Control, less case, 91E6190-8.....	883.00
92	P/NA81D 128-2	124 0032 723	Carrying Case for 1021 Recorder.....	40.00
92	P/NA81D 129-2	124 0032 724	Carrying Case for 1021 Amplifier.....	40.00
92	NTN	124 0032 911	Remote Control Box for 1021, 91E6786-2.....	58.00
92	BX801	099 0479 000	Crown 3 3/4/7 1/2/15 ips, full track, less case	1,035.00
92	BX822	099 0731 000	Crown 3 3/4/7 1/2/15 ips, 2 track, less case.....	1,395.00
92		099 0481 000	Case for Crown 801.....	52.00
92		099 0482 000	Case for Crown 822.....	59.00
92	RC8	099 0158 000	Remote Control	35.00

MICROPHONES AND ACCESSORIES

Catalog Page	Type No.	Part Number	Description	Price
93	M-20	097 5464 000	Microphone	\$ 36.00
93	NTN	097 6627 000	Clip for M-2050
95	NTN	097 5826 000	Desk Stand for M-20.....	3.50
93	NTN	099 0870 000	Cord with clip for M-20.....	3.00
93	M40	097 5463 000	Microphone	72.50
93	M70	099 2402 000	Microphone	57.50
94	SM5A	124 0032 551	Shure Microphone	225.00
94	SM5B	124 0032 552	Shure Microphone	225.00
94	SM33	124 0032 553	Shure Microphone	129.00
94	SM50	124 0032 554	Shure Microphone	75.00
95	300	124 0032 555	Shure Microphone	90.00
95	DS-7	097 1119 000	Stand	3.53
96	FM-1	097 1499 000	Flexo Mikester	15.95
96	MS-25	097 1510 000	Floor Stand	17.35
96	BB-1	097 0984 000	Microphone Boom	5.00
96	MS-11C	097 1511 000	Floor Stand	8.53
96	MS-10C	097 5729 000	Floor Stand	6.32
96	GN-19	099 1961 000	Atlas 19" Gooseneck.....	2.40
	BC-1	099 1962 000	Bracket Clamp for GN-19.....	2.35
96	BS-36	097 1500 000	Boom Stand	39.90
96	BS-36W	097 1790 000	Boom Stand with Wheels.....	45.90

SPEAKERS AND ENCLOSURES

97	CS-12	124 0032 017	12" Speaker	19.50
97	NTN	NPN	Frazier Manhattan, F8-3M-B.....	99.50
98	XII	NPN	Frazier Speaker	149.95
98	P12-T	097 2119 000	12" Speaker	7.08
98	P8-T3	099 2644 000	8" Speaker	5.34
98	ST-760	097 2190 000	Level Control	2.91
98	ST-276	124 0032 123	Level Control	1.95
98	A-3818	099 2686 000	Line to VC Transformer.....	5.00
98	NTN	097 3192 000	Miratel Air Alert Receiver.....	169.95
99	SCB-8D	099 2374 000	Baffle, walnut finish.....	8.50
99	SCB-8D	099 2375 000	Baffle, blonde finish.....	8.50
99	SCB-12D	099 2376 000	Baffle, walnut finish.....	11.95
99	SCB-12D	099 2377 000	Baffle, blonde finish.....	11.95
99	WB-8D	124 0032 295	Baffle, walnut finish.....	4.35
99	WB-8D	124 0032 296	Baffle, blonde finish.....	4.35
99	WB-12D	124 0032 297	Baffle, walnut finish.....	6.00
99	WB-12D	124 0032 298	Baffle, blonde finish.....	6.00

STUDIO ACCESSORIES

99	156	273 0003 000	Headphones	9.00
99	157	273 0004 000	Headphones	9.00
99	BA206	099 0495 000	Headphones	30.90
99	BA200-1	099 2488 000	Headphones	17.25
99	BA200-2	099 2489 000	Headphones	17.25
99	NTN	361 0010 000	Patch Cord, 6".....	7.85
99	NTN	361 0011 000	Patch Cord, 12".....	7.95
99	NTN	361 0012 000	Patch Cord, 24".....	8.25
99	NTN	361 0013 000	Patch Cord, 36".....	8.50
99	NTN	361 0014 000	Patch Cord, 48".....	8.75
99	NTN	361 0015 000	Patch Cord, 60".....	9.00
99	NTN	361 0016 000	Patch Cord, 120".....	10.25
99	NTN	097 3561 000	Jack Panel, 12 pair.....	27.00
99	NTN	097 4200 000	Jack Panel, 24 pair.....	50.00
100	1H612	097 1735 000	Clock	13.95
100	8758	124 0032 479	2 #20 Shielded Wire, per ft.....	.05
100	8738	097 6029 000	2 #22 Shielded Wire, per ft.....	.04
100	NTN	439 5900 000	Shielded Wire, 2 #20, Overall Nylon Covering.....	.08
100	8422	097 1142 000	Microphone cable, per ft.....	.08
100			Over 100 ft., per ft.....	.07

STUDIO ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
100	8412	425 0250 000	Microphone Cable, per ft.	\$.11
			Over 100 ft., per ft.10
100	NTN	423 0219 000	H. V. Wire.....	.28
100	NTN	425 0061 000	Shielded pair #16.....	.10
100	NTN	425 0151 000	Shielded pair #12.....	.14
100	427-6	097 6282 000	Terminal Board.....	9.50
100	CR-1773B	099 2474 000	Rack Cabinet.....	125.00
100	CR-1772	124 0032 949	Rack Cabinet.....	150.00
100	NTN	502 8389 123	Panel, 1 $\frac{3}{4}$ ".....	5.50
100	NTN	502 8393 113	Panel, 3 $\frac{1}{2}$ ".....	6.50
100	NTN	502 8397 123	Panel, 5 $\frac{1}{4}$ ".....	7.50
100	NTN	502 8401 113	Panel, 7".....	8.50
100	NTN	502 8405 113	Panel, 8 $\frac{3}{4}$ ".....	9.50
100	NTN	502 8409 123	Panel, 10 $\frac{1}{2}$ ".....	11.00
100	NTN	502 8413 113	Panel, 12 $\frac{1}{4}$ ".....	12.50
100	NTN	502 8417 113	Panel, 14".....	14.00
101	P3-CG-11S	370 2180 000	Cannon Female Cable Plug.....	4.23
101	P3-CG-12S	370 2190 000	Cannon Male Cable Plug.....	3.45
101	P3-13	370 2060 000	Cannon Female Panel Receptacle.....	3.75
101	P3-14	370 2090 000	Cannon Male Panel Receptacle.....	2.23
101	P3-35	370 2150 000	Cannon Single Gang, Female Wall Receptacle.....	5.90
101	P3-35-2G	379 2170 000	Cannon 2 Gang Female Wall Receptacle.....	12.75
101	XLR-3-11C	097 5372 000	Cannon Female Cable Plug.....	1.32
101	XLR-3-11SC	097 5371 000	Cannon Female Cable Plug with latch lock clamp.....	3.56
101	XLR-3-12C	097 5370 000	Cannon Male Cable Plug.....	1.15
101	XLR-3-12SC	097 5369 000	Cannon Male Cable Plug with latch lock cable clamp.....	2.73
101	XLR-3-13	097 5368 000	Cannon Female Panel Receptacle, Flush mount.....	1.89
101	XLR-3-13N	097 5367 000	Cannon Female Panel Receptacle, with lock nut.....	2.18
101	XLR-3-14	097 5366 000	Cannon Male Panel Receptacle, Flush mount.....	.85
101	XLR-3-14N	097 5365 000	Cannon Male Panel Receptacle, with lock nut.....	1.79
101	XLR-3-35	097 5364 000	Cannon Single Gang Female Wall Receptacle.....	4.12
101	XLR-3-35-2G	097 5363 000	Cannon 2 Gang Female Wall Receptacle.....	7.56
101	XLR-3-36	097 5362 000	Cannon Single Gang Male Wall Receptacle.....	4.08
101	XLR-3-36-2G	097 5361 000	Cannon 2 Gang Male Wall Receptacle.....	7.55

REMOTE AUDIO EQUIPMENT

102	808A-1	522 2609 000	Remote Console.....	925.00
103	212H-1	522 2419 000	Remote Amplifier.....	375.00
104	212Z-1	522 0330 003	Remote Amplifier.....	685.00
104	763	015 0520 000	Battery.....	1.64
104	726	015 0519 000	Battery.....	.97

REMOTE BROADCAST EQUIPMENT AND ACCESSORIES

105	M-30-B	099 1571 000	Marti 30 watt Transmitter with 117V AC power supply.....	575.00
105	M-30-B/TPS	099 1572 000	Marti 30 watt Transmitter with 12.6V DC and 117V AC power supply.....	625.00
105	M-25C	099 2699 000	Marti 25 watt Base Station Transmitter, Communication Quality, 117V AC operation.....	425.00
105	M-25C/MR	30/150/170	Broadcast Quality Receiver, 117V AC operation.....	650.00
105	Pigtail	099 0849 000	4' P8/UW PL 259 Connectors attached.....	2.95
			Each additional foot of cable.....	0.60/ft.
105	XT-1	099 2383 —	Spare Crystal for M-30-B and M-3-60C Transmitter.....	8.50
105	DFT	099 0555 008	Dual Frequency Kit for M-30-B Transmitter, less crystal.....	25.00
105	DF-RMC-1	NPN	Dual Frequency Kit for M-3-60C/11RS-2R & 25C/MR-30/150-170 less Crystal.....	20.00
105	MR-30/150/ 170	099 2638 000	152 to 172 MCS Marti Rack Mounting Receiver.....	375.00
105	RA-150	099 0557 000	12.6V Mobile Receiver Communications Quality.....	150.00
105	XR-1	099 2384 —	Spare Crystal for 11RS-2R, RA-150 & MR-30/150-170 Receivers.....	14.00
105	DFR	099 0465 006	Dual Frequency Kit for 11RS-2R Receiver & MR-30/150-170 less Crystal.....	25.00
106	TPS-1	097 6653 000	Power Supply.....	89.50
106	TPS-TC	099 0541 000	Mobile Assemblage.....	35.00
106	RMC-1A	099 0542 000	Marti Remote Control Console.....	117.50

REMOTE BROADCAST EQUIPMENT AND ACCESSORIES (Continued)

Catalog Page	Type No.	Part Number	Description	Price
106	PA-1	097 6952 000	Portable Single Ring Antenna.....	\$ 19.95
106	MA-1	097 6953 —	Mobile Single Ring Antenna.....	19.95
106	RA-2	099 0543 —	Two Ring Antenna.....	60.00
106	RA-4	097 6950 000	Four Ring Antenna.....	131.75
106	P-1	099 0588 000	Marti Bridging Pad.....	4.00
106	MA-100	099 1884 000	Marti FM Final Amplifier 100 watts for 88-108 (Specify frequency)	675.00
106	YC-153	097 8135 —	Five Element Yagi Antenna 152.80-153.40.....	29.95
106	YC-161	099 0179 —	Five Element Yagi Antenna 161.30-161.90.....	29.95
106	YC-166	099 0758 —	Five Element Yagi Antenna 159.95-166.55.....	29.95
106	YC-170	099 0177	Five Element Yagi Antenna 169.85-170.45.....	29.95
106	ASP-143	097 6880 000	Antenna Bumper Mount.....	7.95
106	2YC	099 0190	Coaxial Stacking Harness for two YC Antennas.....	11.25
106	SC-155-B	NPN	Vertically Polarized Antenna.....	109.00
106	SC-155-B	099 0544 —	Kreko Vertically Polarized Antenna, same as above but brass.....	146.50
106	ASP-177	099 0545 —	Vertical Rooftop Antenna, ASPR-177.....	24.00
106	NTN	099 0146 00	100' RG 8/U with connectors.....	13.00
106	NTN	099 0137 —	100' RG 17/U with connectors.....	60.00
106	NTN	099 0546 000	83-ISP Connector.....	.75
106	NTN	099 0547 000	83-1 J Adaptor.....	1.20
106	NTN	099 0548 000	GR 6355 Adaptor.....	9.50

MEASURING, MONITORING, REMOTE CONTROL

108	506B-1	124 0061 032	AM Modulation Monitor.....	550.00
108	—	124 0032 294	Remote Meter for 506B.....	67.00
	900C-3	758 5812 001	FM Stereo Modulation Monitor.....	2,800.00
111	108E	099 0366 000	Phase Monitor, 2 element.....	750.00
111	108E	099 0367 000	Phase Monitor, 3 element.....	800.00
111	108E	099 0368 000	Phase Monitor, 4 element.....	850.00
111	108E	099 0369 000	Phase Monitor, 5 element.....	900.00
111	108E	NPN	Phase Monitor, 6 element.....	1,000.00
111	108E	NPN	Phase Monitor, 7 element.....	1,050.00
111	108E	NPN	Phase Monitor, 8 element.....	1,100.00
111	108E	NPN	Phase Monitor, 9 element.....	1,200.00
111	108E	NPN	Phase Monitor, 10 element.....	1,250.00
111	112	NPN	Phase Monitor, 2 tower.....	1,395.00
—	135	124 0032 914	FIM-135 Field Intensity Meter.....	950.00
—	120	097 5516 000	120E Field Intensity Meter.....	950.00
111	—	NPN	Each additional tower, 112.....	50.00
112	500SC	124 0032 234	Schafer Studio Remote Control Unit.....	945.00
112	500TC	124 0032 235	Schafer Transmitter Remote Control Unit.....	750.00
112	SC-300	597 0409 000	Schafer Studio Remote Control Unit.....	795.00
112	TC-300	597 0410 000	Schafer Transmitter Remote Control Unit.....	500.00
112	400-RA	099 1518 000	Schafer Studio Remote Control Unit.....	995.00
112	400-RA	099 1519 000	Schafer Transmitter Remote Control Unit.....	700.00
112	AC-100	097 7581 000	Antenna Current Unit.....	25.00
112	LR-1-C	099 1520 000	Latching Relay.....	45.00
112	TC-25	099 1521 000	Tower Light Unit.....	35.00
112	LV-230	097 6665 000	Line Voltage Metering Unit.....	30.00
112	PV-10	097 6664 000	Plate Voltage Unit.....	15.00
112	PVMM-1	099 1522 000	1000 Volt Multiplier for PV-10.....	5.00
112	PVMM-2	099 1534 —	2000 Volt Multiplier for PV-10.....	10.00
112	PVMM-3	099 1535 000	3000 Volt Multiplier for PV-10.....	15.00
112	PVMM-4	099 1536 000	4000 Volt Multiplier for PV-10.....	20.00
112	PVMM-5	099 1537 000	5000 Volt Multiplier for PV-10.....	25.00
112	PCK-10	099 1538 000	300 MA DC Current Unit.....	15.00
112	PCK-10	099 1539 000	600 MA DC Current Unit.....	15.00
112	PCK-10	099 1540 000	1200 MA DC Current Unit.....	15.00
112	PCK-10	097 6663 000	2400 MA DC Current Unit.....	15.00
112	152	099 2570 000	Rotary Motor, Tuning.....	100.00
112	FMP-2-AM	099 1541 000	AM Modulation and Frequency Meter Panel.....	100.00
112	FMP-2-FM	NPN	FM Modulation and Frequency Meter Panel.....	125.00
112	CP-3-S	099 1542 000	Calibration Panel for Remote Modulation and Frequency Meter Panel.....	40.00
112	MR-1C	097 6785 000	Single Momentary Relay.....	30.00
112	MR-2-C	097 6781 000	Dual Momentary Relay.....	45.00

MEASURING, MONITORING, REMOTE CONTROL (Continued)

Catalog Page	Type No.	Part Number	Description	Price
112	MPR-2	099 1544 000	Motorized Rheostat, 550A, 1200 ohm, 300 watt.....	\$ 160.00
112	MPR-3	099 1545 000	Motorized Rheostat, 20V-3, 750 ohm, 500 watt.....	175.00
112	NTN	099 1546 000	Temperature Indicating Metering Unit.....	On Request
112	FV-015	099 1547 000	Filament Voltage Unit.....	20.00
112	POR-1	099 1548 000	Primary Overload Contractor (5-30 amps).....	250.00
112	TI-300	NPN	Test Intercom.....	250.00
113	PBR-21**	124 0032 550	21 Channels, Solid-state, Complete System with 3-meter Panel.....	1,865.00
113	WRC-10T	124 0061 026	10 Channels, Solid-state, DC Wire Control System.....	980.00
113	RMK-1	NPN	Reversible Tuning Motor Kit with adjustable clutch.....	82.50
113	TLK-1	124 0061 290	Tower Light Sampling Kit.....	26.00
113	LVK-1	124 0061 364	Line Voltage Sampling Kit (120 and 240 VAC).....	25.00
113	PCK-1*	NPN	Plate Current/Magnetic Amplifier Sampling Kit.....	90.00
113	PVK-1*	NPN	Plate Voltage Sampling Kit.....	18.00
113	RFK-1*	NPN	AM-RF Transmission Line Voltage Sampling Kit.....	28.00
113	RFK-2	124 0061 303	FM-RF Transmission Line Voltage Sampling Kit for 3 1/8" line.....	38.00
113	RFK-3	124 0061 340	FM-RF Transmission Line Voltage Sampling Kit for 1 5/8" line.....	38.00
113	DMK-1	NPN	DC Modulator Kit.....	42.50
113	CSA-2	124 0061 371	Chopper-stabilized Solid-state DC Amplifier.....	175.00
113	SCG-5/SCD-1A	NPN	Subcarrier Generator and Detector (Used for remote control and telemetering service).....	450.00
113	1077-2	124 0061 205	Frequency and Modulation Remote Meter Panel.....	85.00
113	SCG-4T	124 0061 028	SCA Generator, 67KC.....	695.00
113	TSK-1	124 0061 365	Temperature Sensing Kit.....	30.00

*Specify normal voltage, current, or frequency when ordering.

**Specify normal final plate voltage current, and type of transmitter for meter scale selection.

NOTE: When using PBR-21 to control UHF or VHF TV transmitters via STL, contact factory for details.

GENERAL CONDITIONS OF SALE

1. **PRICES.** Buyer agrees to pay Collins Radio Company, (hereinafter called Collins), at its office in Dallas, Texas, for the articles described herein, the prices as specified on the face hereof, provided, however, that if articles are included herein which are manufactured by others than Collins, Collins reserves the right to increase the price thereof to Collins list price for such articles in effect at time of delivery. If all articles are not delivered at one time, Buyer agrees to pay on the terms stated the unit prices applicable to the articles so delivered.

2. **TAXES.** Except as otherwise specified, the prices stated herein do not include any state, federal, or local sales, use or excise taxes applicable to the sale, delivery, or use of said equipment, and the Buyer expressly agrees to pay to Collins, in addition to the prices herein specified, the amount of any such taxes which may be imposed upon or payable by Collins. Any such tax imposed by a taxing authority in a state in which Collins is not registered will be received and remitted by Collins as agent for Buyer.

3. **TERMS.** Notwithstanding any statement of terms or time of payment appearing on the face of this order, Collins reserves the right to require payment in advance of shipment or to ship C.O.D. It is agreed that title to any articles not fully paid for at time of delivery to Buyer shall be retained by and remain in Collins until said purchase price is fully paid and if the purchase price is to be paid on an installment basis, Buyer will at time of delivery execute a note for such purchase price and a conditional sale contract or chattel mortgage as Collins shall specify, all upon forms customarily used by Collins in similar transactions in the state of the Buyer.

4. **DELIVERY.** Unless otherwise specified, delivery will be made f.o.b. the place of location of Collins' factory from which Collins elects to make shipment, according to the delivery schedule specified herein, which schedule is approximate and subject to delays due to causes beyond Collins' control including but not limited to, inability to obtain material, labor, or manufacturing facilities, acts of God, or of the public enemy, any preference, priority or allocation order issued by the Government or any other act of Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, or delays of Collins' suppliers. In the event of such delay, delivery dates shall be extended accordingly for a period equal to the time lost by reason of such delay. In no event shall Collins be liable for consequential damages. Buyer agrees that Collins may unconditionally appropriate to this order equipment of the description set out on the face of this order by packing same for shipment to Buyer and notifying Buyer that same has been done; thereupon the sale shall be deemed complete subject to Collins' right to possession of and a lien upon said equipment (or to Collins' reserved title in case property is to be covered by conditional sales contract) for the unpaid purchase price.

5. **SHIPMENT.** In the absence of specific instructions Collins will select the carrier to whom delivery will be made for shipment to Buyer. Except for its obligations under the sections hereof entitled "Guarantee" and "Patents" all responsibility of Collins for said equipment ceases upon delivery to carrier.

6. GUARANTEE.

Except as otherwise provided in this section, the equipment described herein is sold under the following guarantee:

Collins agrees to repair or replace, without charge, any equipment, parts or accessories which are defective as to design, workmanship or material, and which are returned to Collins at its factory, transportation prepaid, provided

(a) Notice of the claimed defect is given Collins within two years from date of delivery and goods are returned in accordance with Collins' instructions.

(b) Equipment, accessories, tubes and batteries, not carrying a Collins assigned type number and not manufactured by Collins or from Collins' design are sub-

ject to only such adjustment as Collins may obtain from the supplier thereof.

(c) Equipment or accessories shall not be deemed to be defective if, due to exposure, or excessive moisture in the atmosphere or otherwise after delivery, it shall fail to operate in a normal or proper manner.

Collins further guarantees that any radio transmitter described herein will deliver full radio frequency power output at the antenna lead when connected to a suitable load, but such guarantee shall not be construed as a guarantee of any definite coverage or range of said apparatus.

The guarantee of these paragraphs is void if equipment is altered or repaired by others than Collins or its authorized service center.

No other warranties, expressed or implied, shall be applicable to any equipment sold hereunder, and the foregoing shall constitute the Buyer's sole right and remedy under the agreements in this paragraph contained. In no event shall Collins have any liability for consequential damages, or for loss, damage or expense directly or indirectly arising from the use of the products, or any inability to use them either separately or in combination with other equipment or materials, or from any other cause.

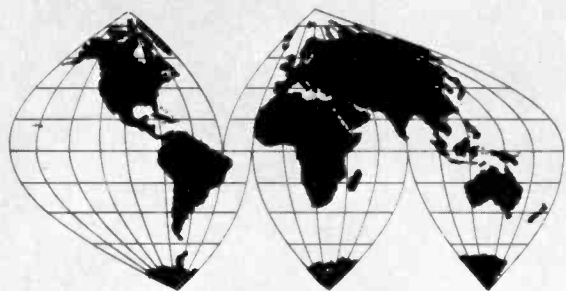
The foregoing is not applicable to amateur equipment which equipment is sold under the guarantee printed in the instruction book accompanying such equipment.

7. **PATENTS.** Collins agrees that it will defend, at its own expense, all suits against Buyer for infringement of any United States patent or patents covering, or alleged to cover, either said apparatus itself in the form sold by Collins, or the normal operation thereof, where the only issue in such infringement suits involves the Buyer's use of said apparatus, as so sold, for the purpose and in the manner contemplated by this agreement, and Collins agrees that it will pay all sums which, by final judgment or decree in any such suits, may be assessed against the Buyer on account of such infringement, provided that Collins shall be given (i) immediate written notice of all claims of any such infringement and of any suits brought or threatened against Buyer, and (ii) authority to assume the sole defense thereof through its own counsel and to compromise or settle any suits so far as this may be done without prejudice to the right of the Buyer to continue the use, as contemplated, of the apparatus so purchased. If in any such suit so defended the apparatus is held to constitute an infringement and its use is enjoined, or if in the light of any claim of infringement Collins deems it advisable to do so, Collins may either procure the right to continue the use of the same for the Buyer, or replace the same with non-infringing apparatus, or modify said equipment so as to be non-infringing, or take back the infringing apparatus and refund the purchase price less a reasonable allowance for use, damage or obsolescence. The complete liability of Collins for any such infringement, or claim of infringement, shall be limited to its agreements herein contained. It is understood that Buyer acquires no license rights from Collins under the patents covering inventions of Edwin H. Armstrong relating to the transmitting or receiving of sound, visual images, or graphic matter from frequency modulated radio waves; that nothing contained herein shall be deemed to apply or relate to suits or claims based upon any of the said Armstrong patents; and that insofar as Buyer needs a license under said Armstrong patents, it will procure such license itself.

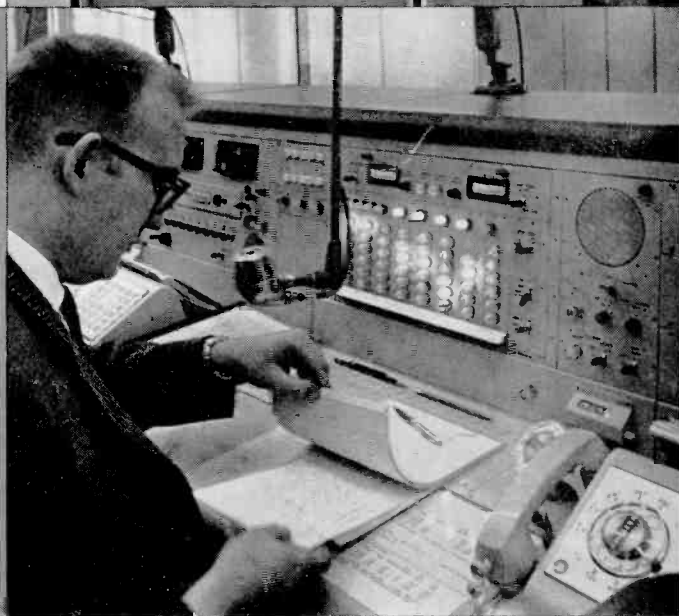
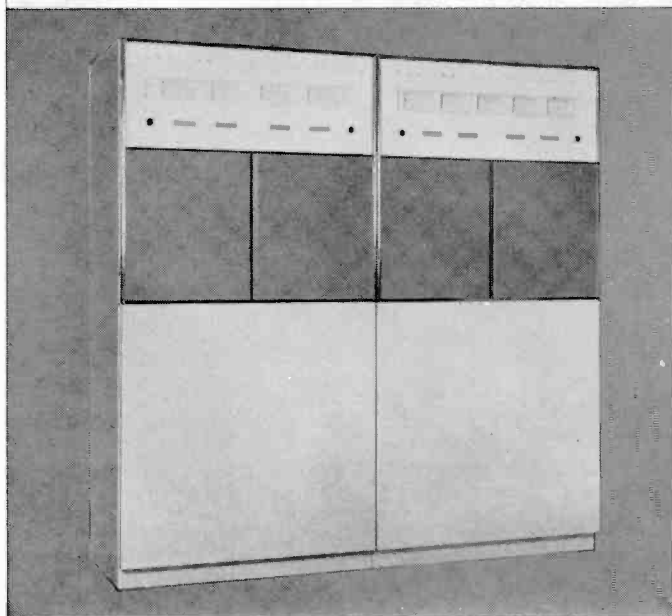
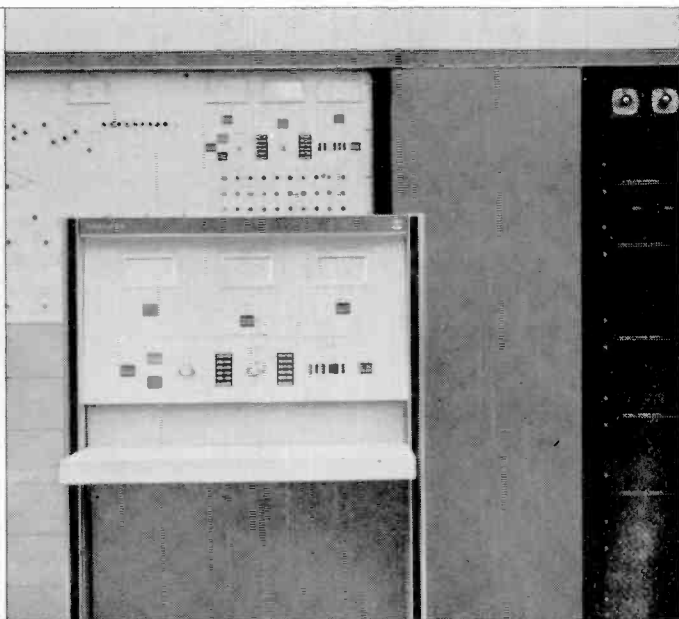
8. **SUBSTITUTIONS AND MODIFICATIONS.** Collins reserves the right to modify the design and specifications of equipment designed by Collins provided that the modification does not adversely affect the performance.

9. **ENTIRE CONTRACT.** The terms and provisions stated hereon, together with those appearing on the face hereof, and on all continuation sheets, if any, comprise all the terms, conditions and agreements of the parties respecting the sale of said articles, and supersede any provisions on the face and reverse side of the Buyer's Order or any prior general agreement inconsistent with the provisions hereof. No modification hereof shall be valid unless in writing and duly signed by an officer of Collins.

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