

SECTION VI

PARTS LIST

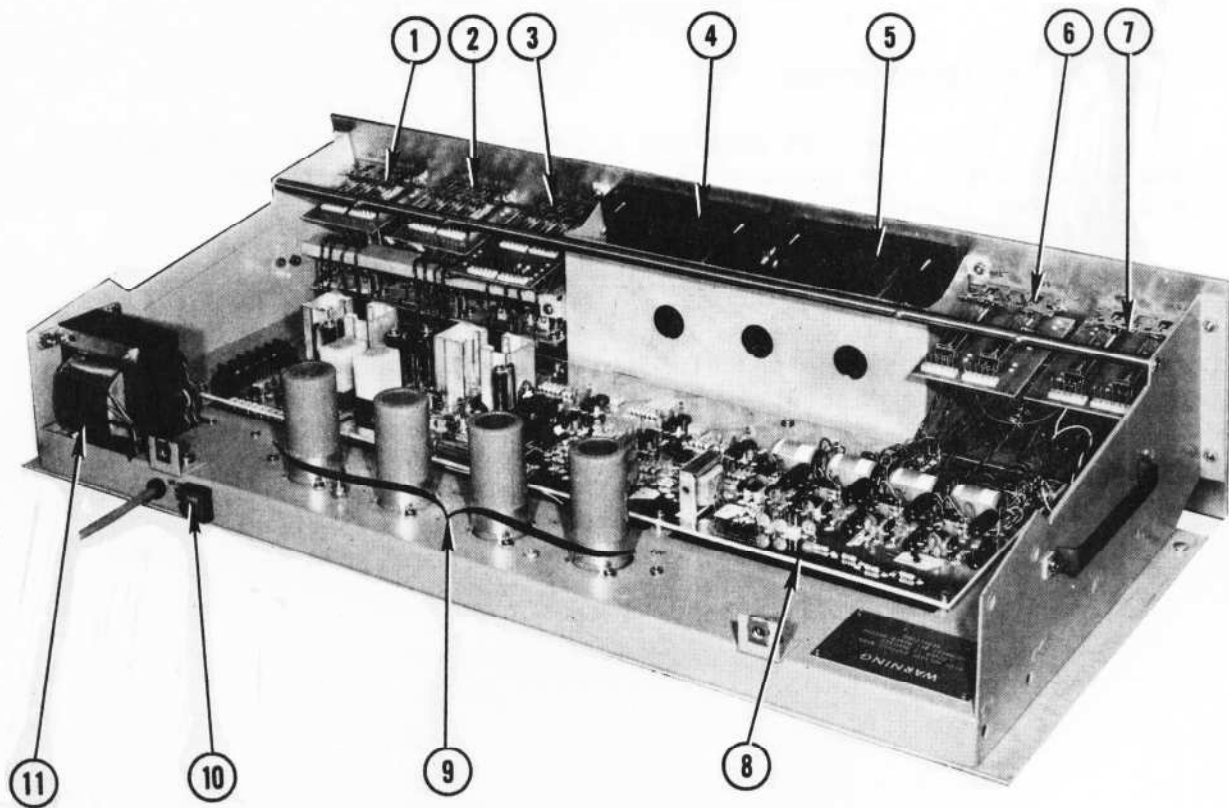
6-1. INTRODUCTION

This section provides a description, reference designation, and order number for replaceable electrical parts and assemblies. Figure 6-1 provides identification of major assemblies.

NOTICE

Actual component values may vary slightly from component values contained in schematics and parts lists. Due to industry-wide shortages of electrical components, it is sometimes necessary to use parts other than those specified. In every case, however, a substitute part is selected for conformance to overall design specifications so that equipment performance is not affected.

WARNING: Disconnect primary power prior to servicing.



- 1 Ch. 5 Input Board Switch Ass'y
- 2 Ch. 4 Input Board Switch Ass'y
- 3 Ch. 3 Input Board Switch Ass'y
- 4 Right Channel VU Meter
- 5 Left Channel VU Meter
- 6 Ch. 2 Input Board Switch Ass'y
- 7 Ch. 1 Input Board Switch Ass'y
- 8 Main Printed Circuit Board
- 9 Filter Capacitors 3C1, 3C2, 3C3, and 3C4
- 10 Fuse 3F1
- 11 Power Transformer 3T1

Figure 6-1. Location of Major Subassemblies and Components

Table 6-1. Replaceable Parts List Index

TABLE NO.	UNIT NOMENCLATURE	PART NO.	PAGE
6-2	Basic Stereo 5 Console	994 7691 002	
6-3	Front Panel Assembly	992 4397 001	
6-4	Ch. 1, Input Board Switch Assembly	992 4400 001	
6-5	Ch. 2, Input Board Switch Assembly	992 4399 001	
6-6	Ch. 3, Input Board Switch Assembly	992 4484 001	
6-7	Ch. 4, Input Board Switch Assembly	992 4401 001	
6-8	Ch. 5, Input Board Switch Assembly	992 4402 001	
6-9	PC Board Assembly	992 4398 001	

1539

Table 6-2. Basic 5 Channel Stereo Console - 994 7691 002

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
3C1, 3C2, 3C3, 3C4	524 0142 000	Capacitor, 5500 μ F, 25V	4
3C5, 3C6	516 0393 000	Capacitor, .025 μ F, 500V	2
3F1	398 0049 000	Fuse, 1/2 Amp., Slo-Blow	1
3T1	472 1082 000	Power Transformer	1
3TB1	614 0160 000	Terminal Strip	1
3XF1	402 0119 000	Fuse Holder	1

Table 6-3. Front Panel Assembly - 992 4397 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
AT1 thru AT5	550 0334 000	Resistor, Dual, 10K ohm	5
AT6	550 0283 000	Resistor, Dual, 10K ohm	1
AT7	550 0215 000	Resistor, 10K ohm	1
C1 thru C6	508 0282 000	Capacitor, .002 uF, 600V, 10%	6
C7	516 0375 000	Capacitor, .01 F, 500V	1
C10,C11,C12	516 0059 000	Capacitor, .0015 uF, 1 kV, 10%	3
J1	612 0824 000	Phone Jack, Stereo, PGM	1
J2	612 0454 000	Phone Jack, Mono, CUE	1
LS1	722 0075 000	Speaker, 8 ohm	1
M1,M2	630 0140 000	Meter, VU B Scale	2
R1 thru R6	540 1105 000	Resistor, 5.1K ohm, 1/2W, 5%	6
R7 thru R12	540 1111 000	Resistor, 10K ohm, 1/2W, 5%	6
S1,S2	602 0140 000	Lever Switch, 3 Pos. 3A	2
S3,S4,S5	602 0080 000	Lever Switch, 3 Pos. 2C	3
S6	914 8507 004	Rotary Switch, 3 Pos. 2P, Monitor Selector	1
T1 thru T6	478 0313 000	Transformer, Input 600:15K	6
TB2 thru TB7	614 0162 000	Terminal Board	6

WARNING: Disconnect primary power prior to servicing.

Table 6-4. Ch. 1, Input Board Switch Assembly - 992 4400 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
3S1	604 0790 000	Switch, 4PDT/4PDT	1
3S2, 3S3	604 0796 000	Switch	2
	928 9062 001	Printed Board	1

Table 6-5. Ch. 2, Input Board Switch Assembly - 992 4399 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
4S1	604 0790 000	Switch, 4PDT/4PDT	1
4S2,4S3	604 0796 000	Switch	2
	928 9063 001	Printed Board	1

1539

Table 6-6. Ch. 3, Input Board Switch Assembly - 992 4484 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
5R1,5R2	540 1187 000	Resistor, 1.3K, 1/2W, 5%	2
5S1	604 0789 000	Switch, 4PDT, 3 Section	1
	928 9058 001	Printed Board	1

Table 6-7. Ch. 4, Input Board Switch Assembly - 992 4401 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
6S1	604 0789 000	Switch, 4PDT, 3 Section	1
	928 9064 001	Printed Board	1

1539

WARNING: Disconnect primary power prior to servicing.

Table 6-8. Ch. 5, Input Board Switch Assembly - 992 4402 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
7S1	604 0789 000	Switch, 4PDT, 3 Section	1
	928 9064 002	Printed Board	1

Table 6-9. PC Board Assembly - 992 4398 001

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
2C1,2C6,2C11, 2C16	500 0761 000	Capacitor, 150 pF, 500V	4
2C2,2C7,2C12, 2C17,2C39,2C40, 2C45,2C49,2C56, 2C57,2C59,2C67, 2C69,2C75,2C81, 2C87,2C115 thru 2C120	500 0759 000	Capacitor, 100 pfd, 500V	4
2C3,2C8,2C13, 2C18,2C77,2C83, 2C89	500 0817 000	Capacitor, 47, pF, 500V	9
2C4,2C5,2C9,2C10, 2C14,2C15,2C19, 2C20,2C46,2C47, 2C50,2C51,2C60, 2C62,2C70,2C72, 2C76,2C78,2C82, 2C84,2C88,2C90	516 0375 000	Capacitor, 0.01 mfd, 50V	22
2C21 thru 2C24	526 0333 000	Capacitor, 15 mfd, 20V	4
2C25 thru 2C28	526 0048 000	Capacitor, 10.0 mfd, 20V	4
2C29,2C30,2C41, 2C42,2C53,2C63, 2C73,2C79,2C85	526 0101 000	Capacitor, 47 mfd, 6V	9
2C31,2C32,2C58, 2C68	526 0050 000	Capacitor, 1 mfd, 35V	4
2C33,2C35,2C36, 2C38,2C134,2C135	526 0049 000	Capacitor, 6.8 mfd, 35V	6
2C43,2C44,2C74, 2C80	526 0042 000	Capacitor, 33 mfd, 6V	
2C54,2C55	516 0085 000	Capacitor, 0.03 mfd, 600V	2
2C64	522 0394 000	Capacitor, 100 mfd, 50V	1
2C86,2C91,2C92	526 0091 000	Capacitor, 6.8 mfd, 6V	3

1539

Table 6-9. PC Board Assembly - 992 4398 001 (Continued)

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
2C93,2C94,2C95 2C96	508 0280 000	Capacitor, 0.25 mfd, 100V	4
2C34,2C37,2C48 2C52	500 0811 000	Capacitor, 27 pF, 500V	4
2C97 thru 2C106 2C108,2C109,2C121 2C122,2C124,2C125 2C129,2C133	516 0059 000	Capacitor, 0.0015 mfd, 1 kV	18
2C107 thru 2C114 2C126,2C127,2C128 2C130,2C131,2C132	516 0043 000	Capacitor, 470 pfd, 1 kV	14
2CR1,2CR2,2CR3, 2CR4	384 0255 000	Diode, MZ2360	4
2CR5 thru 2CR10, 2CR22	384 0256 000	Diode, MZ2361	7
2CR11,2CR12	384 0618 000	Diode, Bridge, WE08	2
2CR13,2CR14	384 0020 000	Diode, 1N2071	2
2CR15 thru 2CR21	386 0371 000	Diode, 1N4748A	7
2F1,2F2	398 0019 000	Fuse, 2 Amp., 250V	2
2K1,2K2	574 0162 000	Relay, 4PDT, 24 VDC	2
2Q1,2Q3	380 0320 000	Transistor, Tip 29	2
2Q2,2Q4	380 0188 000	Transistor, Tip 30	2
2Q5,2Q7	380 0529 000	Transistor, Tip 140	2
2Q6,2Q8	380 0530 000	Transistor, Tip 145	2
2Q9	380 0527 000	Transistor, Tip 120	1
2Q10	380 0528 000	Transistor, Tip 125	1
2Q11,2Q12	380 0151 000	Transistor, 2N4356	2
2R1,2R4,2R7,2R10	540 1109 000	Resistor, 33K ohm, 1/2W, 5%	4

Table 6-9. PC Board Assembly - 992 4398 001 (Continued)

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
2R2,2R5,2R8,2R11	540 1104 000	Resistor, 2K ohm, 1/2W, 5%	4
2R3,2R6,2R9,2R12	540 1131 000	Resistor, 30K ohm, 1/2W, 5%	4
2R13,2R14,2R18, 2R19,2R49,2R50, 2R56,2R57	540 1106 000	Resistor, 6.2K ohm, 1/2W, 5%	8
2R15,2R16,2R17, 2R20,2R21,2R22, 2R51,2R52,2R53, 2R58,2R59,2R60	540 1145 000	Resistor, 6.8K ohm, 1/2W, 5%	12
2R23 thru 2R26 2R30,2R31,2R40, 2R41,2R54,2R55, 2R61,2R62,2R64, 2R65,2R73,2R74, 2R82,2R83,2R121 thru 2R124,2R144, 2R146	540 1159 000	Resistor, 100K ohm, 1/2W, 5%	24
2R27,2R28	550 0626 000	Potentiometer, 10K ohm, 1/2W, 10%	2
2R29,2R39	540 1165 000	Resistor, 3.3K ohm, 1/2W, 5%	2
2R32,2R35,2R42, 2R45,2R66,2R69, 2R75,2R78,2R84, 2R87	540 1156 000	Resistor, 2.7K ohm, 1/2W, 5%	10
2R33,2R34,2R43, 2R44,2R99,2R100, 2R132 thru 2R141	540 1102 000	Resistor, 100 ohm, 1/2W, 5%	16
2R36 thur 2R38 2R46 thru 2R48	540 1151 000	Resistor, 10 ohm, 1/2W, 5%	6
2R63,2R72	540 1138 000	Resistor, 3.0K ohm, 1/2W, 5%	2
2R67,2R68,2R76 2R77,2R85,2R86, 2R97,2R98	540 1116 000	Resistor, 1.0K ohm, 1/2W, 5%	8
2R70,2R71,2R79 2R80	542 1072 000	Resistor, 0.51 ohm, 2W, 5%	4

WARNING: Disconnect primary power prior to servicing.

Table 6-9. PC Board Assembly - 992 4398 001 (Continued)

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
2R81	540 1163 000	Resistor, 300 ohm, 1/2W, 5%	1
2R88,2R89	542 1444 000	Resistor, 2.0 ohm, 2W, 5%	2
2R90	540 1192 000	Resistor, 51 ohm, 1/2W, 5%	1
2R91,2R94	540 1207 000	Resistor, 4.3K ohm, 1/2W, 5%	2
2R92,2R95	540 1201 000	Resistor, 910 ohm, 1/2W, 5%	2
2R93,2R96	540 1153 000	Resistor, 8.2K ohm, 1/2W, 5%	2
2R101,2R103	540 1193 000	Resistor, 2.4K ohm, 1/2W, 5%	2
2R102,2R104	540 1130 000	Resistor, 620 ohm, 1/2W, 5%	2
2R105 thru 2R108	540 1152 000	Resistor, 75K ohm, 1/2W, 5%	4
2R109 thru 2R116	540 1128 000	Resistor, 200 ohm, 1/2W, 5%	8
2R117 thru 2R120	540 1170 000	Resistor, 430 ohm, 1/2W, 5%	4
2R125 thru 2R128	542 0050 000	Resistor, 2.0 ohm, 10W/12W	4
2R129	540 0306 000	Resistor, 82 ohm, 1W, 5%	1
2R130		Resistor, Select In Test	1
2R131		Resistor, Select In Test	1
2R142	540 1154 000	Resistor, 7.5K ohm, 1/2W, 5%	1
2R143,2R145	540 1115 000	Resistor, 470 ohm, 1/2W, 5%	2
2T1 thru 2T4	478 0313 000	Transformer, Input	4
2T5,2T6	478 0318 000	Transformer, Output	2
2TB1	614 0695 000	Terminal Board, 6 Position	1
2TB2,2TB3,2TB4	610 0709 000	Post, 6 Position	3
2U1 thru 2U13	382 0219 000	I.C., NE531 V	13
2XF1A,2XF1B, 2XF2A,2XF2B	402 0129 000	Fuse Clips	4

Table 6-9. PC Board Assembly - 992 4398 001 (Continued)

REF. SYMBOL	HARRIS PART NO.	DESCRIPTION	QTY.
2XK1,2XK2	404 0161 000	Socket, Relay	2
2XU1 thru 2XU13	404 0308 000	Socket, I.C., 8 Pin	13
2XQ5,2XQ6,2XQ7, 2XQ8	404 0527 000	Heatsink, WF 295-3	4
2XQ9,2XQ10	404 0526 000	Heatsink, TH 6025 B	2

1539

6-15/6-16

WARNING: Disconnect primary power prior to servicing.