



REMOTE SYSTEM AMPLIFIER

PURCHASED ITEM	MATERIAL LIST			MODEL RSA-2		PROJ. NO. 170				LIST NO. ML-A-838 RSA-2			
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	ISSUE					SHEET 1 OF 10 SHEETS	
							A	B	C	D	E		
						ELECTRICAL COMPONENTS AND MECHANICAL PARTS							
	1	BI-101-44		1		Lamp, Incandescent, Bayonet Base						IL	
	4	GM35B103K		2		Capacitor, Fixed, Mica						C3,4,6,7	
	2	CN-100-3		1		Capacitor, Fixed, Moulded Plastic						C1,2	
	1	CP53B1EB405K		2		Capacitor, Fixed, Bathtub Case						C9	
	1	CP53B1EF504K		2		" ; " ; " "						C8	
	1	CP53B5EF504L		2		" ; " ; " "						C5, A,B,C	
	4	CU-139-2B		1		Ferrule					(4)	A-838	
	1	FX-133 (USE ML-A-886)	B	2		Filter, Low Pass						ZF1	
	1	FX-134-60 (" ML-A-503)		2		Filter, Absorption						ZF2	
	2	HA-102-2-BN		2		Handle						Painted Blue Gray	
	1	JJ-127-1		1		Receptacle, 8 Prong						J1	
	2	MP-100-4	D	2		Knob, Instrument, Fluted Type							
	1	MR-101-3	E	2		Meter, Level Indicating						M1 Ref-LD-199	
	4	MS-154-1		1		Straddle Plate							
	1	MS-379		8		Main Chassis, Assembly (No drawing)							
	1	MS-380-1		4		Side Plate, Left (No drawing)						(1) A-519-1	
	1	MS-380-2		4		Side Plate, Right (No drawing)						(1) A-519-2	
*	1	MS-385-1	F	8		Panel, Front						* For commercial & U.S.N	
**	1	MS-385-2		8		Panel, Front						** For RCAF only	
	1	MS-393		8		Top Cover Assembly (No drawing)							
	1	MS-396		4		Bottom Cover Assembly (No drawing)							
	1	MS-568		1		Bracket Assembly, Cover (No drawing)							
	1	MS-571		1		Dial Blank (For Simpson Meter Only) USE MS-682 for Triplet Meters							

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PURCHASED ITEM	MATERIAL LIST			MODEL RSA-2				PROJ. NO. 170				LIST NO. <del>ML-1838</del> RSA-2	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	ISSUE								SHEET 2 OF 10 SHEETS	
				DWG SIZE	ITEM NO.	DESCRIPTION		REMARKS					
					ELECTRICAL AND MECHANICAL PARTS (CONTINUED)								
X	NP-*** 12-104		1			Name Plate					Ref: S-278		
1	PX-175 (USE A-516)		2			Terminal Board, #2 Assembly					(No drawing)		
1	PX-176 (USE A-517)		4			" " , #1 Assembly					(No drawing)		
1	PX-337-4		1			Insulation Strip					(1) A-530		
1	PX-337-10		1			Insulation Strip					(1) A-530		
2	RC20GF102K		2			Resistor, Fixed, Composition					R20, 33		
1	RC20GF103K		2			" " , "					R6		
1	RC20GF182K		2			" " , "					R8		
1	RC20GF221K		2			" " , "					R14		
2	RC20GF224K		2			" " , "					R18, 19		
1	RC20GF273K		2			" " , "					R5		
6	RC20GF391K		2			" " , "					R26, 27, 28, 29, 30, 31		
1	RC20GF472K		2			" " , "					R15		
6	RC20GF474K		2			" " , "					R4, 7, 10, 12, 21, 22		
1	RC20GF561K		2			" " , "					R2		
1	RC20GF682K		2			" " , "					R11		
2	RC32GF104K		2			Resistor, Fixed, Composition					R3, 9		
1	RC42GF392K		2			Resistor, Fixed, Composition					R16		
1	RC42GF561K		2			" " , "					R24		
1	RR-111		2			Attenuator, "T" Type					R1		
1	RV4ATXA103A		2			Resistor, Variable Composition, 2 Watt					R32		
1	RV4ATXA251A		2			" " , " " , 2 Watt					R23		
1	RV104ATXA503A		2			Resistor, Variable, Dual Composition, 2 Watt					R17		
1	RW-109-34		1			Resistor, Fixed, W.W. 10 Watts					R13		
1	SW-119		1			Switch, Meter					S1		

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PURCHASED ITEM	MATERIAL LIST		MODEL RSA-2				PROJ. NO. 170				LIST NO. <del>ML-1000</del> RSA-2	
			ISSUE A B C D E								SHEET 3 OF 10 SHEETS	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS					
							ELECTRICAL COMPONENTS AND MECHANICAL PARTS					
1	TF-114	A	1	1	Transformer	T4						
1	TF-115	D	1	1	Transformer, Audio	T3						
2	TF-124	C	2	2	Transformer, Audio	T1,2						
1	TM-100-4		1	1	Terminal Strip, Barrier Lug Type	E1						
1	TM-100-10		1	1	" " , " " "	E2						
1	TS-100-3		1	1	Socket, Electron Tube	XV 8						
2	TS-102-PO1		1	1	Socket & Shield, 7 Pin Miniature	X4,5						
2	TS-102-UO2		1	1	" & " " , 7 " "	TS4,5						
5	TS-103-PO1		2	2	Socket/Shield Noval	X1,2,3,6,7						
5	TS-103-UO2		2	2	" / " "	TS1,2,3,6,7						
1	TS-106-1		1	1	Socket, Lens Miniature, Bayonet							
1	<del>TS-101</del>		1	1	Sockets, Octal Mip-Molded-In-Plate							

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PURCHASED ITEM	MATERIAL LIST			MODEL RSA-2		PROJ. NO. 170				LIST NO. <del>ML-488</del> RSA-2		
				ISSUE		A	B	C	D	E	SHEET 4 OF 10 SHEETS	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION					REMARKS	
						TUBES						
1	0A3			1		Tube, Electron					V8	
2	6BA6			1		" , "					V4,5	
1	12AT7			1		" , "					V6	
3	12AU7A			1		" , "					V1,2,7	
1	12AX7			1		" , "					V3	

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PURCHASED ITEM	MATERIAL LIST			MODEL RSA-2		PROJ. NO. 170				LIST NO. <del>ML-100</del> RSA-2	
				ISSUE		A B C D E				SHEET 5 OF 10 SHEETS	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION				REMARKS	
						HARDWARE					
1	CU-100-6			1		Holder, Tube				(1) A-530	
2	CU-102-1			1		Clamp, "G" Type				(1) A-530	
2	EY-102-2			1		Grommet, Elastic				(2) A-530	
1	EY-102-4			1		Grommet, Elastic					
10	FS-102-1			1		Spring "S" Type				(6)A-519, (1)A-835, (3)A-520	
10	FS-109-3			1		Ring, Stud Retaining				(8)MS-396(2)MS-393	
10	FS-110-1			1		Stud, Slotted Head				(8)MS-396(2)MS-393	
2	FW06HBN			1		Washer, Flat				(1)A-530, (2)A-530	
35	LWE04MRN			1		Lock Washer, External Tooth				(2)A-534	
4	LWE06MRN			1		" " , " "				(1)A-534	
9	LWE08MRN			1		" " , " "				(2)A-534	
6	LWI06MRN			1		Lock Washer, Internal Tooth				(6)A-530	
18	LWI08MRN			1		" " , " "				(18)A-530	
2	LWI37LRN					Lock Washer, Internal Tooth				(2)A-530	
24	LWS03MRN			1		Lock Washer, Spring Type				(12)A-519, (6)A-520, (2)A-835	
33	LWS04MRN			1		" " , " "				(33)A-530	
4	LWS06MRN					Lock Washer, Spring Type				(4)A-532	
4	LWS10MRN			1		Lock Washer, Spring Type				(4)A-838	
3	NT-101-4			1		Nut, Strap				(3)A-530	
4	NT-101-5			1		" , "				(4)A-530	
20	NTH0348BN6			1		Nut, Hex				(12)A-519, (6)A-520, (2)A-835	
18	NTH0440BN8			1		" , "				(2)A-534, (1)A-886, (16)A-530	
7	NTH0632BN10			1		" , "				(7)A-530	
19	NTH0832BN11			1		" , "				(14)A-530	
2	NTH3732BN16					Nut, Hex				(2)A-530	

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MATERIAL LIST		REV.	A	B	C	D	E											MODEL	RSA-2
												SHEET	6	OF	10				
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
26	SCBP0440BN4	Screw, Machine														(26)A-530			
2	SCBP0440BN6	Screw, Machine														(2)A-530			
8	SCBP0440BN9	Screw, Machine														(2)A-534			
8	SCBP0440BN10	Screw, Machine														(8)A-530			
4	SCBP0632BN4	Screw, Machine																	
2	SCBP0632BN12	Screw, Machine														(2)A-530			
1	SCBP0632BN36	Screw, Machine														(1)A-530			
18	SCBP0832BN6	Screw, Machine														(14)A-530, (4)A-532			
4	SCBP1032BN10	Screw, Machine																	
1	SCFP0632BN48	Screw, Machine														(1)A-866			
20	SCFP0348BN4	Screw, Machine														(12)A-519, (2)A-835, (6)A-520 (2)A-534			
2	SCFP0440BN6(TMC GREY)	Screw, Machine (Paint Heads TMC Grey)																	
5	SCFP0832BN7(TMC Grey)	Screw, Machine(Paint Heads TMC Grey)																	
7	SCFP0832BN8	Screw, Machine																	
2	SCFP0832BN9	Screw, Machine														(2)A-534			
4	SCHH1032SN10	Screw, Machine																	
4	SFB0256SN3	Screw, Thread Cutting, Slotted Head														(4)Nameplate Mtg.			
4	TE-104-1	Terminal, Locking														(1)A-534, (3)A-530			
1	TE-104-2	Terminal, Locking														(1)A-530			
3	TE-104-3	Terminal, Locking														(1)A-530			
4	TE-108-13	Standoff, Rivet Type														(2)A-517, (2)A-516			
54	TE-109-3	Terminal, Lug, Split														(38)A-517, (16)A-516			
2	TE-117-3	Standoff, Spacer														(2)A-530			
2	TE-117-6	Standoff, Spacer														(2)A-534			
2	TE-117-22	Standoff, Spacer																	
2	TE-132	Terminal Lug																	
2	WA-101-4	Washer, Fibre, Flat														(2)A-530			
	WA-110-1	Washer, Fibre																	
	WA-110-2	Washer, Fibre																	

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PURCHASED ITEM	MATERIAL LIST			MODEL RSA-2		PROJ. NO. 170					LIST NO. <del>ML-1038</del> RSA-2		
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	ISSUE					SHEET 7 OF 10 SHEETS		
						A	B	C	D	E	DESCRIPTION LOOSE ITEMS SUPPLIED W/UNIT		REMARKS
	1	PL-116-2			1								P1
	1	TM-105-4AL			2								
	1	TM-105-10AL			2								

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MATERIAL LIST		REV.	A	B	C	D	E											MODEL	RSA-2	
																	SHEET	8	OF	10
QUAN. PER UNIT	PART NO.	DESCRIPTION SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
1	A-516	Terminal Board #2 Assembly	PX-175																	
1	A-517	Terminal Board #1 Assembly	PX-176																	
1	A-518	Component Assembly, Terminal Board #2																		
1	A-519-1	Side Plate Assembly, Left																		
1	A-519-2	Side Plate Assembly, Right																		
1	A-520	Main Chassis Assembly	MS-379																	
1	A-521	Component Assembly, Terminal Board #1																		
1	A-530	Chassis & Side Plate, Hdwe. & Component Assy																		
1	A-531	Chassis, Terminal Board Assembly																		
1	A-532	Chassis, Terminal Board Assembly																		
1	A-534	Front Panel Assembly																		
1	A-535	Bottom Cover Assembly																		
1	A-835	Bracket Assembly, Cover																		
1	A-838	Main Assembly (No Drawing)																		
1	CA-227	Cable Assembly																		
1	CA-228	Cable, Attenuator																		
1	CA-273	Cable (ZF1 to V6 Pin 7)																		
1	CK-191	Schematic Diagram																		
1	CK-285	Block Diagram																		
1	LD-156	Engraving, Front Panel	MS-385																	
1	LD-199	Dial Plate, Meter	MR-101-3																	
1	LD-201	Chassis, Lettering	A-520																	
1	MS-632	Dial, Blank, Modification																		

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PURCHASED ITEM	MATERIAL LIST			MODEL RSA-2		PROJ. NO. 170				LIST NO. <del>ML-1038</del> RSA-2	
				ISSUE		A B C D E				SHEET 9 OF 10 SHEETS	
	QUAN. PER ONE EQUIP.	PART NO.	DWG REV	DWG SIZE	ITEM NO.	DESCRIPTION					REMARKS
						SPECIFICATIONS					
1	S-105					Bright Cadmium Plate					
1	S-107					Water Dip Cleaner					
1	S-114					Zinc Chromate Primer					
1	S-115					Smooth Grey Enamel or Prime and Paint to Customer's Specifications.					
1	S-180					Production testing of Model RSA-2					
1	S-232					Purchasing specification, Filter, Low pass (FX-133)					
1	S-272					Modification for RCAF Name Plate					
1	S-278					Name Plate Data					
1	S-404					Yellow Iridite					

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MATERIAL LIST		REV.	A	B	C	D	E											MODEL RSA-2
																		SHEET 10 OF 10
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS											
				USED ON	USED TO MOUNT	QUAN.												
X	CD-101-1MW	Cord, Lacing, Nylon																
1-2	PX-100-1-022	Sleeving																
0-6	PX-104-1-034	Sleeving																
0-3	PX-104-2-034	Sleeving																
0-1	PX-104-3-034	Sleeving																
0-2	PX-104-4-034	Sleeving																
0-2	PX-104-6-034	Sleeving																
4-5	MWC22(7)U0	Wire, Electrical	Black															
9-5	MWC22(7)U1	Wire, Electrical	Brown															
3-8	MWC22(7)U2	Wire, Electrical	Red															
2-3	MWC22(7)U3	Wire, Electrical	Orange															
3-1	MWC22(7)U4	Wire, Electrical	Yellow															
3-1	MWC22(7)U5	Wire, Electrical	Green															
3-8	MWC22(7)U6	Wire, Electrical	Blue															
1-2	MWC22(7)U7	Wire, Electrical	Violet															
2-2	MWC22(7)U8	Wire, Electrical	Grey															
2-0	MWC22(7)U94	Wire, Electrical	Wh/Yellow															
0-10	MWC22(7)U95	Wire, Electrical	Wh/Green															
0-3	MWC22(7)U96	Wire, Electrical	Wh/Blue															
2-10	MWC22(7)U99	Wire, Electrical	White															
1-0	MWC22(7)UPink	Wire, Electrical	Pink															
0-7	MWC22(7)S9	Cable, Insulated, W/Shield																
27	WI-I42-2	Cable, Multi Cond.		CA-228		27												
2-1	WL-100-7	Wire, Buss																
4-7	WL-100-8	Wire, Buss																

