

USED ON

MODEL

SECTION

RCR-5

RSC-3

E

LIST NO.

REV.

REMOTE SYSTEM CONTROL UNIT  
(TITLE)

LIST SECTIONS

- 1. SUPPORTING LISTS ML-NF-102, ML-NF-104
- 2. ELECTRICAL / MECHANICAL SH. 1-4
- 3. TUBES / DIODES SH. 10
- 4. HARDWARE SH. 5-7
- 5. RAW MATERIALS SH. 9
- 6. SUPPORTING DRAWINGS SH. 8
- 7. SPECIFICATIONS SH. 10
- 8. LOOSE ITEMS NONE REQ
- 9. PARTS PECULIAR SH. 11

TYPED REV. C

CHECKED KG REV. C

APPROVED KG REV. C

REMOTE SYSTEM CONTROL UNIT

PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.										LIST NO. ML-RSC-3	
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS										
					I <u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u>											
1	BI-101-14	1			Lamp, Incandescent	J4										
3	BI-102-3	1			Lamp, Incandescent	J1,2,3										
3	CB-103-3	1			Capacitor, Variable: Air	C1A,B, C6A,B, C11A,B										
11	CM35B103K	2			Capacitor, Fixed: Mica	C2,4,5,7,9,10,12,14,15,16,17										
3	CN108C2004K				Capacitor, Fixed: Milar	C3,8,13										
1	CU-150-1				Retainer, El. Tube	For R51										
2	HA-102-5 BN	2			Handle											
3	JJ-114-2	1			Receptacle, Tip Jack	J1,2,3										
1	JJ-127-1	1			Receptacle, Male 8 Prong	J5										
1	JJ-128	1			Jack, Switching, Midget	J4										
2	LA101				Band, Marker, Cable No. 2	(1) CA226										
					No. 7	(1) CA226										
1	LD-456	2			Dial, Tuning											
1	LS-104	2			Speaker, P.M.	LS-1										
3	MC-104-1				Coupling, Flexible											
2	MP-100-4	2			Knob, Instrument											
1	MP-106-1	1			Knob, Instrument, Skirt Type											
3	MP-108-2	1			Knob, Instrument, Skirt Type											

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PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.							LIST NO. ML-RSC-3	
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION	ISSUE A B C D E						SHEET 2 OF 11 SHEETS	
					I								
					<u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u>								
	2	MS-154-1	1		Straddle Plate								
	1	MS-395	2		Grill, Speaker								
	2	MS-398	1		Mounting Bushing, Terminal Board								
	1	MS-403	2		Bottom Cover							See A-551	
	1	MS-568	ND		Bracket, Bottom Cover (No Drawing)							See A-835	
	3	MS-573	2		Mounting Bracket, Condenser							Ref: ID-207	
	1	MS-574-1	ND		Main Chassis (No Drawing)							See A-878	
	1	MS-577	2		Cover, Top							See A-879	
	1	MS-578	2		Bracket, Plug								
	1	MS-581	ND		Side Plate, Left (No Drawing)							See A-820	
	1	MS-582	ND		Side Plate, Right (No Drawing)							See A-821: Ref: ID-206	
	1	MS-990-2	1		Pointer, Vernier								
	1	MS-1379	2		Plate, Tuning Dial								
	1	MS-1380	2		Holder, Tuning Dial							Ref: ID-459	
	1	MS-1378	8		Panel, Front								
	1	NF-102	1		Network, Audio Selective							Z4 See ML-865	
	—	NF-104	2		See Parts Peculiar Sheets							See ML-847	
	1	NP-			Nameplate							See S-278	
	1	PL-116-2	1		Connector, Female 8 Prong								
	2	PM-196	1		Panel Bearing, Calibrate Control								
	2	PM-322	1		Shaft Extension, Condenser								
	1	PO-157	1		Drive, Vernier, 5:1 Ratio								
	1	PX-245	ND		Terminal Board (No Drawing)							See A-1588	
	1	PX-337-12			Strip, Insulation							TM-100-12	

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PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3				PROJ. NO.				LIST NO. MI-RSC-3		
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS	ISSUE	A	B	C	D	E	SHEET 3 OF 11 SHEETS
					I								
					<u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u>								
	3	RA103AQXM402A	2		Resistor, Adjustable, W.W.	R1,13,25							
	6	RC20GF104J	2		Resistor, Fixed, Composition	R7,8,19,20,31,32							
	2	RC20GF105K	2		Resistor, Fixed, Composition	R42,44							
	1	RC20GF123J	2		Resistor, Fixed, Composition	R43							
	3	RC20GF151K	2		Resistor, Fixed, Composition	R12,24,36							
	1	RC20GF152K	2		Resistor, Fixed, Composition	R41							
	3	RC20GF221K	2		Resistor, Fixed, Composition	R52,54,56							
	3	RC20GF274J	2		Resistor, Fixed, Composition	R4,16,28							
	3	RC20GF471J	2		Resistor, Fixed, Composition	R6,18,30							
	3	RC20GF471K	2		Resistor, Fixed, Composition	R10,22,34							
	5	RC20GF474K	2		Resistor, Fixed, Composition	R5,17,29,39,40							
	3	RC32GF392K	2		Resistor, Fixed, Composition	R9,21,33							
	3	RC32GF473K	2		Resistor, Fixed, Composition	R53,55,57							
	1	RC32GF680K	2		Resistor, Fixed, Composition	R47							
	1	RC32GF681K	2		Resistor, Fixed, Composition	R45							
	3	RC32GF683J	2		Resistor, Fixed, Composition	R2,14,26							
	3	RC42GF103J	2		Resistor, Fixed, Composition	R3,15,27							
	1	RR-110	1		Resistor, Variable, Ballast	R51							
	1	RV4ATRD105B	2		Resistor, Variable, Composition	R37							
	1	RV4ATXA251B	2		Resistor, Variable, Composition	R46							
	1	RV4ATRD352B	2		Resistor, Variable, Composition	R38							
	3	RV4ATXA501A	2		Resistor, Variable, Composition	R11,23,35							
	3	RW-109-34	1		Resistor, Fixed, 10 W. W.W.	R48,49,50							

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PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.										LIST NO. <u>ML-RSC-3</u>	
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS										
					I <u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u>											
2	ST12A	2		Switch, Toggle	S1,2											
1	ST22N	2		Switch, Toggle	S3											
3	TF-138	1		Transformer, Audio	T1,2,3											
1	TF-205	1		Transformer, Audio	T4											
1	TF-154	1		Transformer, Audio	T5											
1	TM-100-12	1		Strip, Terminal	E1											
1	TM-105-12AL	2		Strip, Fanning												
1	TS-101-P01	2		Socket, Octal, (High Crown) #51F13605	XR51											
3	TS-102-P01	1		Socket, 7 Pin Miniature	XV9,10,11											
3	TS-102-U03	1		Shield, Socket	For V9,10,11											
8	TS-103-P01	2		Socket, 9 Pin Noval	XV1,2,3,4,5,6,7,8											
8	TS-103-U02	2		Shield, Socket	For V1,2,3,4,5,6,7,8											
1	TS-106-1	1		Socket, Lens	XI-4											
3	TS-108-2	1		Socket, Bayonet	XII,2,3											
1	WR-100-3	2		Wrench, Hexagon												
1	WR-100-4	2		Wrench, Hexagon												
1	WR-100-5	2		Wrench, Hexagon												

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PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.										LIST NO. ML-RSC-3		
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	ISSUE										SHEET	OF	SHEETS
					A	B	C	D	E								
					<u>II</u>												
					<u>HARDWARE</u>												
	12	AN565D6H2	1		Screw, Headless Set												
	1	CU-100-5	1		Holder, Tube										For R51		
	3	CU-102-11	1		Clamp "G" Type												
	3	CU-103-1	1		Clip, Spring												
	4	CU-139-2B	1		Ferrule												
	10	FS-102	1		Spring Fastener												
	10	FS-109	1		Ring, Stud Retaining												
	10	FS-110-1	1		Stud, Slotted Head												
	2	FW-100-5			Washer, Flat, Special												
	23	FW06HBN	1		Washer, Flat												
	3	FW10HBN	1		Washer, Flat												
	2	LWE03MRN	1		Washer, Lock, External												
	7	LWE04MRN	1		Washer, Lock, External												
	40	LWE06MRN	1		Washer, Lock, External												
	14	LWE08MRN	1		Washer, Lock, External												
	4	LWE10MRN	1		Washer, Lock, External												
	3	NT-101-4	1		Nut, Strap												
	12	NT-101-5	1		Nut, Strap												

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PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.										LIST NO. ML-RSC-3	
			ISSUE	A	B	C	D	E								
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION										REMARKS	
					II <u>HARDWARE</u>											
	22	NTH0348BN6	1		Nut, Hexagon											
	14	NTH0440BN6	1		Nut, Hexagon											
	33	NTH0632BN8	1		Nut, Hexagon											
	10	NTH0832BN10	1		Nut, Hexagon											
	9	PN-108	1		Pin, Locking											
	2	SCEP0348BN4	1		Screw, Machine											
	18	SCEP0440BN4	1		Screw, Machine											
	11	SCEP0440BN8	1		Screw, Machine											
	4	SCEP0440BN14	1		Screw, Machine											
		SCEP0632BN	1		Screw, Machine											
		SCEP0632BN	1		Screw, Machine											
	31	SCEP0632BN5	1		Screw, Machine											
	8	SCEP0832BN6	1		Screw, Machine											
	4	SCEP0832BN7	1		Screw, Machine											
	20	SCFP0348BN4	1		Screw, Machine											
	2	SCFP0348SN4	1		Screw, Machine											
	4	SCFP0440BN4	1		Screw, Machine											
	2	SCFP0440BN6 (TMC Grey)	1		Screw, Machine (Paint Heads TMC Grey 4-115)											
	4	SFB0256SN3	1		Screw, Threaded Cutting (Paint Heads TMC Grey)											

REMOTE SYSTEM CONTROL UNIT

PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.						LIST NO. ML RSC-3	
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	ISSUE						SHEET 7 OF 11 SHEETS	
					A	B	C	D	E			
					DESCRIPTION						REMARKS	
					<u>II</u> <u>HARDWARE</u>							
	6	SCFP0632EN3			Screw, Machine							
	6	SCFP0632EN5			Screw, Machine							
	4	SCFP0632EN8 (TMC Grey)			Screw, Machine (Paint heads TMC Grey D-115)							
	4	SCFP0832EN8			Screw, Machine							
	4	SCHH1032SN10			Screw, Machine							
	8	SCRPO140EN4			Screw, Machine							
	3	SCRPO632BN36			Screw, Machine							
	4	TE-108-1	1		Standoff, Rivet Type							
	8	TE-109-3			Terminal Lug, Split							
	9	TE-114-2			Terminal, Feed-Thru							
	4	TE-135-1			Spacer, Threaded							
	3	TE-117-1			Spacer, Standoff							
	3	WA-100			Ring, Locking							
	6	WA-101-4			Washer, Flat Fiber							

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	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION	REMARKS					
					III						
					<u>SUPPORTING DRAWINGS</u>						
	1	A-551	4		Cover Plate, Bottom	Ref: MS-407					
	1	A-820	4		Side Plate Assembly, Left	Ref: MS-581					
	1	A-821	4		Side Plate Assembly, Right	Ref: MS-582, LD-206					
	1	A-835	1		Bracket Assembly Bottom Cover	Ref: MS-568					
	1	A-878	8	B	Main Chassis Assembly	Ref: MS-574-2, LD-454					
	1	A-879	8		Top Cover Assembly	Ref: MS-577					
	1	A-1588	4		Terminal Board Sub-Assembly, Machining & Stamp.	Ref: PX-245					
	1	A-1589	8		Terminal Board Assembly						
	1	A-1590	2		Dial Plate & Holder Assembly						
	1	CA-226	4	C	Cable #2 Filament						
	1	CA-393	8		Cable #1						
	1	CK-248	8	H	Schematic Diagram						
	1	CK-287	4		Block Diagram						
	1	LD-205	4		Lettering, Panel Rear	Ref:					
	1	LD-206	2		Lettering, Plate, Right Side	Ref: MS-582, A-821					
	1	LD-207	1		Lettering, Condenser, Bracket	Ref: MS-573					
	1	ID-453	8		Engraving, Front Panel	Ref: MS-1378					
	1	ID-454	8		Lettering, Chassis	Ref: MS-574, A-878					
	1	ID-459	1		Engraving, Tuning Dial Holder	Ref: MS-1380					

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PURCHASED ITEM	MATERIAL LIST		MODEL RSC-3		PROJ. NO.					LIST NO. ML-RSC-3			
	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION					REMARKS			
					ISSUE					SHEET 9 OF 11 SHEETS			
					A	B	C	D	E				
					<u>IV</u> <u>RAW MATERIAL</u>								
X		BS-100	1		Solder, Soft								
3 1/2"		PX-100-1-208	1		Insulation, Sleeving								
5"		PX-100-1-330	1		Insulation, Sleeving								
3 1/2"		PX-104-1-024	1		Insulation, Sleeving								
39"		PX-104-1-034	1		Insulation, Sleeving								
20"		PX-104-2-034	1		Insulation, Sleeving								
6"		PX-104-3-034	1		Insulation, Sleeving								
23"		PX-104-6-034	1		Insulation, Sleeving								
22 1/2"		MWG22(7)S9	1		Cable, Shielded								
X		WL-100-7	1		Wire, Buss Bar 22 GA.								
1		WR-100-3	2		Wrench, Hexagon								
1		WR-100-4	2		Wrench, Hexagon								
1		WR-100-5	2		Wrench, Hexagon								

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	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION						REMARKS	
					<u>V</u> <u>TUBES</u>							
3	12AT7				Tube, Electron						V1,3,5	
4	12AU7A				Tube, Electron						V2,4,6,8	
1	12AX7				Tube, Electron						V7	
3	OA2				Tube, Electron						V9,10,11	
					<u>VI</u> <u>SPECIFICATIONS</u>							
	S-105				Caustic Dip							
	S-107				Bright Cadmium Plate							
	S-114				Water Dip Lacquer							
	S-115				Zinc Chromate Primer							
	S-272				Smooth Grey Enamel or Prime & Paint to customers							
	S-278				Modification for RCAF Nameplate							
	S-208				Nameplate Data							
	S-404 (Use ML-S-395)				Production Testing of Model RSC-3 (a,b,c,d)							
					Yellow Iridite Modification Kit							

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	QUAN. PER ONE EQUIP.	PART NO.	DWG SIZE	ITEM NO.	DESCRIPTION						SHEET 11 OF 11 SHEETS
					<u>VII</u> <u>PARTS PECULIAR</u>						
		For RSC-3A Use:									
1	NF-104-425	2		Network, Frequency Determining (HFO)						Z2	
1	NF-104-1275	2		Network, Frequency Determining (BFO)						Z1	
1	NF-104-2125	2		Network, Frequency Determining (RFG)						Z3	
		For RSC-3B Use:									
1	NF-104-595	2		Network, Frequency Determining (HFO)						Z2	
1	NF-104-1445	2		Network, Frequency Determining (BFO)						Z1	
1	NF-104-2295	2		Network, Frequency Determining (RFG)						Z3	
		For RSC-3C Use:									
1	NF-104-765	2		Network, Frequency Determining (HFO)						Z2	
1	NF-104-1615	2		Network, Frequency Determining (BFO)						Z1	
1	NF-104-2465	2		Network, Frequency Determining (RFG)						Z3	
		For RSC-3D Use:									
1	NF-104-935	2		Network, Frequency Determining (HFO)						Z2	
1	NF-104-1785	2		Network, Frequency Determining (BFO)						Z1	
1	NF-104-2635	2		Network, Frequency Determining (RFG)						Z3	
		For RSC-3E Use:									
1	NF-104-1105	2		Network, Frequency Determining (HFO)						Z2	
1	NF-104-1955	2		Network, Frequency Determining (BFO)						Z1	
1	NF-104-2805	2		Network, Frequency Determining (RFG)						Z3	

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