

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.
	QUANTITY REQ.	N P L	PART NO.	REV	ISSUE	SHEET
				DWG SIZE	DESCRIPTION	REF Used On
					E F G H J K L M N P R S T U V	1 OF 25 SHEETS
					<u>ELECTRICAL/MECHANICAL</u>	
	1		A-1381 (NPL A-1381)	2	17 KC Oscillator Network Assembly	Z4 c/o R41, T3, C38, 39, 40, 50
	1		A-1384 (NPL A-1384)	2	Sidetone Generator Assembly	Z5 c/o C53, 55, T4
	1		A-1387 (NPL A-1387)	2	First Oscillator Assembly	Z3 c/o C32, T2
P	3		BI-101-47	1	Lamp, Incandescent	I1, 2, 3
P	1		CB-135-4	2	Capacitor, Variable, Air, 2.8-16 mmf	C28
P	1		CC21SL220J	2	Capacitor, Fixed, Ceramic	A-1576 C45
P	1		CC21SL300J	2	Capacitor, Fixed, Ceramic	A-1556 C34

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	
	QUANTITY REQ.	L P Z	PART NO.	MSR-4	ISSUE	ML-MSR-4	
				E F G H J K L M N P R S T U V		SHEET 2 OF 25 SHEETS	
REV	DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS			
<u>ELECTRICAL/MECHANICAL</u>							
P	2		CC21SL470K	2	Capacitor, Fixed, Ceramic	A-1527 A-1577	C7, C15
P	1		CC26SL820J	2	Capacitor, Fixed, Ceramic	A-1575	C16
P	1		CC32CH101J	2	Capacitor, Fixed, Ceramic	A-1576	C30
P	1		CC32CH470J	2	Capacitor, Fixed, Ceramic		C33
P	3		CC-100-9	2	Capacitor, Fixed, Ceramic, .001	A-1556 A-1575 A-1576	C13, C26, C44
P	1		CC-100-15	2	Capacitor, Fixed, Ceramic, .005	A-1576	C46
P	17		CC-100-16	2	Capacitor, Fixed, Ceramic, .01	A-1556 A-1527 A-1556 A-1575 A-1556 A-1527 A-1577 A-1527	C1, 2, 3, 4, 5, 8, 10, C11, C12, C17, 18, 19 C35, C36, C41, C54, C57
P	1		CC-100-23	2	Capacitor, Fixed, Ceramic, Dual .01		C47 A & B
P	1		CC-101-2	2	Capacitor, Fixed, Ceramic	A-1527	C37
P	1		CC-101-4	1	Capacitor, Fixed, Ceramic	A-1556	C6

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

MODE SELECTOR RECEIVER

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.
	QUANTITY REQ.	L P Z	PART NO.	REV	ISSUE	SHEET
				DWG SIZE	DESCRIPTION	REF Used On
					MSR-4	ML-MSR-4
					E F G H J K L M N P R S T U V	3 OF 25 SHEETS
					<u>ELECTRICAL/MECHANICAL</u>	
P	1		CE52F350R	2	Capacitor, Electrolytic, Dual 35 ufd.	C49 A & B
P	1		CE64C100N	2	Capacitor, Fixed, Dry Electrolytic	C27
	1		CM15F101G	2	Cap. Fixed, Mica	A1527(1) C37
P	1		CM20D102J	2	Capacitor, Fixed, Mica	A-1577 C52
P	1		CM20D821G	2	Capacitor, Fixed, Mica	A-1577 C51
P	1		CM20E510J	2	Capacitor, Fixed, Mica	C31
P	4		CN-100-1	1	Capacitor, Fixed, Molded Plastic, .01	A-1556 C9, A-1575 C20,24 A-1556 C56
P	1		CN-100-4	1	Capacitor, Fixed, Molded Plastic	C23
P	3		CN108C1003J	2	Capacitor, Fixed, Mylar	A-1556 C14, A-1576 C42,43
P	1		CN108C2004K	2	Capacitor, Fixed, Mylar	C25
P	1		CP41BIFF405K	2	Capacitor, Fixed, Paper	C48

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.	
	QUANTITY REQ.	P	Z	MSR-4	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V
REV	DWG SIZE	PART NO.	REV	DWG SIZE	DESCRIPTION													REF	SYMBOLS
					<u>ELECTRICAL/MECHANICAL</u>														
P	1			2	Crystal Unit, Quartz, 438 KC														Y1
P	1			2	Crystal Unit, Quartz, 472 KC														Y2
	1				Clamp, Cable														
P	1			2	Clamp, Tube													For V10	
P	4			1	Ferrule, Handle														
P	1			1	Capacitor, Variable, Mica, 7-45 uuf.														C29
P	1			1	Fuse, Extractor Post														XF1
P	4			1	Clamp, Crystal													For XY1,2	(Two Per Socket)
P	1			1	Fuse, Cartridge, 3 Amp.														F1

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	
	QUANTITY REQ.	N P L	REV	MSR-4	M N P R S T U V	ML-MSR-4	
				ISSUE		E F G H J K L	SHEET 8 OF 25 SHEETS
			DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS	
<u>ELECTRICAL/MECHANICAL</u>							
P	2			2	Resistor, Fixed, Composition	A-1556	R57, 67
P	1			2	Resistor, Fixed, Composition	A-1575	R18
P	2			2	Resistor, Fixed, Composition	A-1556	R23, R38
P	1			2	Resistor, Fixed, Composition	A-1575	R26
P	1			2	Resistor, Fixed, Composition	A-1576	R46
P	1			2	Resistor, Fixed, Composition	A-1556	R13
P	1			2	Resistor, Fixed, Composition	A-1556	R17
P	1			2	Resistor, Fixed, Composition	A-1576	R49
P	3			2	Resistor, Fixed, Composition	A-1575	R19, 21, R69
P	1			2	Resistor, Fixed, Composition	A-1527	R15
P	2			2	Resistor, Fixed, Composition	A-1556	R8, 16
P	3			2	Resistor, Fixed, Composition	A-1527	R12,
						A-1556	R37,
						A-1575	R42
P	1			2	Resistor, Fixed, Composition	A-1575	R65
P	1			2	Resistor, Fixed, Composition	A-1556	R5
P	1			2	Resistor, Fixed, Composition	A-1576	R51
P	2			2	Resistor, Fixed, Composition	A-1575	R31,
						A-1577	R53
P	1			2	Resistor, Fixed, Composition	A-1575	R35
P	2			2	Resistor, Fixed, Composition	A-1527	R39, 40
P	1			2	Resistor, Fixed, Composition	A-1556	R7
P	2			2	Resistor, Fixed, Composition	A-1577	R58,
						A-1575	R63
P	8			2	Resistor, Fixed, Composition	A-1556	R2, 9,
						A-1575	R32,
						A-1576	R43, 44, 45,
						A-1577	R59, 61

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	MSR-4	PROJ. NO.	LIST NO.	ML-MSR-4
	QUANTITY REQ.	L P N	PART NO.	REV	DWG	DESCRIPTION	REF	SYMBOLS
					SIZE			
							SHEET 9	OF 25 SHEETS
							Used On	
						<u>ELECTRICAL/MECHANICAL</u>		
P	1		RC20GF563K		2	Resistor, Fixed, Composition	A-1576	R52
P	2		RC20GF681K		2	Resistor, Fixed, Composition	A-1575	R64,66
					2	Resistor, Fixed, Composition	A-1576	
P	1		RC32GF103K		2	Resistor, Fixed, Composition	A-1575	R25
P	3		RC32GF223K		2	Resistor, Fixed, Composition	A-1556	R4,10,11
P	1		RC32GF333K		2	Resistor, Fixed, Composition	A-1575	R36
P	1		RC32GF683K		2	Resistor, Fixed, Composition	A-1556	R6
P	1		RC42GF223K		2	Resistor, Fixed, Composition	A-1556	R62
P	1		RC42GF473K		2	Resistor, Fixed, Composition	A-1575	R24
P	1		RC42GF561K		2	Resistor, Fixed, Composition	A-1575	R34
P	1		RC42GF563K		2	Resistor, Fixed, Composition	A-1575	R56
P	2		RL-105		1	Relay		K1,3
P	1		RL-118-17A115-60A		2	Relay, Armature, Impulse Type		K2

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.						
	QUANTITY REQ.	P P L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	10
						<u>ELECTRICAL/MECHANICAL</u>																		
P	1		RV4NAYSD105D		2	Resistor, Variable, Composition	Audio Gain	R30																
P	1		RV4NAYSA104B		2	Resistor, Variable, Composition	Tone Thresh.	R60																
P	1		RV4NAYSA252A		2	Resistor, Variable, Composition	React. Bal.	R48																
P	1		RV4LAYSA105B		2	Resistor, Variable, Composition	Relay Thresh.	R54																
P	1		RW-109-47		1	Resistor, Fixed, Wire Wound		R55																
P	1		RY-126-		1	Cushion, Capacitor	u/o A-1581																	
P	2		ST12A		2	Switch, Toggle	AVC	S1,2																
P	2		ST22K		2	Switch, Toggle	Main Power Output Level	S7, S8																

MODE SELECTOR RECEIVER

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.						
	QUANTITY REQ.	P N L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V
						<u>ELECTRICAL/MECHANICAL</u>																		
P	1		SW-168SPST2NOBB		2	Switch, Push Botton	Sideband Manual, Xtal BFO	S6																
P	1		SW-194		1	Switch, Rotary		S5																
P	1		SW-226		2	Switch, Rotary		S4																
	1		TE0832AE9H		2	Spacer, Threaded, 2-15/16" Lg.		For Top Cover																
	2		TE0832AE13H		2	Spacer, Threaded, 4-1/2" Lg.		For Cap. Cover																
P	1		TF-100		2	Transformer, A.F.		T1																
P	1		TF-196		2	Transformer, Power		T5																
P	2		TF-5000		2	Transformer, Reactor		L1,2																
P	1		TM-100-8		1	Terminal Strip, Barrier	u/o A-1582	E2																
P	1		TM-100-12		1	Terminal Strip, Barrier		E1																

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

MATERIAL LIST

MODEL

MSR-4

PROJ. NO.

LIST NO.

ML-MSR-4

ISSUE

E F G H I K L M N P R S U V

SHEET

12 OF

25 SHEETS

PURCHASED ITEM	QUANTITY REQ.	L P N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS
<u>ELECTRICAL/MECHANICAL</u>								
P	1		TS-101-PO1		2	Socket, Electron Tube		
P	7		TS-102-PO1		1	Socket, Electron Tube		XV10
P	3		TS-103-PO1		2	Socket, Electron Tube		XV2,3,4,6,7,8,11
P	5		TS-102-U02		1	Shield, Tube		XV1,5,9
P	2		TS-102-U03		1	Shield, Tube		For V2,3,4,7,8
P	3		TS-103-U02		2	Shield, Tube		For V6,11
P	2		TS-104-1		1	Socket, Crystal		For V1,5,9
P	1		TS-106-1		1	Socket, Lens, Red		XY1,2
P	2		TS-133		1	Socket, Lamp		XI3
	1		TS165P01			Socket, Electron Tube		XI1,2
								XC49
P	1		UG-625/U		1	Connector, Receptacle		J1

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

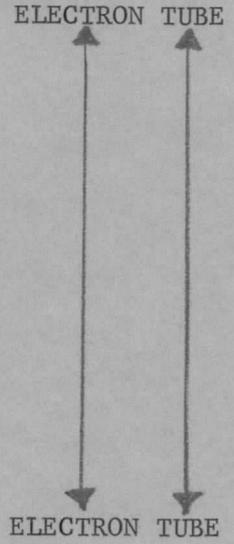
Y

MODEL:

MSR-4

SHEET 13 OF 25

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
12AU7A	ELECTRON TUBE				2	V1,V9	
6BA6					1	V2	
6BE6					2	V3,V4	
12AT7					2	V5,V12	
6AQ5					1	V6	
6AG5					1	V7	
6J6					1	V8	
5Y3GT					1	V10	
0A2	ELECTRON TUBE				1	V11	



PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.						
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS	ISSUE													SHEET	OF	SHEETS
									E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	14
						<u>HARDWARE</u>																		
P	4		EY-100-1			Eylet, Flat Flange	(4) A-1370																	
P	2		EY-102-4			Grommet, Elastic	(1) CA-324																	
P	1		EY-102-6			Grommet, Elastic	(1) CA-388																	
	1		EY-102-5				(1) CA-388																	
							(1) CA324																	
P	10		FS-102-1		1	Spring, "S" Type	(4) MS-1000																	
							(4) MS-1328																	
							(2) MS-1322																	
P	10		FS-109-3		1	Ring, Stud Retaining	(4) MS-1323																	
							(6) MS-1327																	
P	10		FS-110-1		1	Stud	(4) MS-1323																	
							(6) MS-1327																	
P	1		FW04LBN		1	Washer, Flat																		
P	4		FW06LBN		1	Washer, Flat																		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.						
	QUANTITY REQ.	L P N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS	ISSUE													SHEET		
									E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	16
						<u>HARDWARE</u>																		
P	4		SC-106-1			Bolt, Spade, Straight	(4) A-1370																	
P	19		SCBP0440BN4		1	Screw, Machine																		
P	12		SCBP0440BN6		1	Screw, Machine																		
P	8		SCBP0440BN10		1	Screw, Machine																		
P	23		SCBP0632BN4		1	Screw, Machine																		
P	17		SCBP0632BN5		1	Screw, Machine																		
P	14		SCBP0632BN6		1	Screw, Machine	(4) A-1577 (4) A-1576 (6) A-1575 (6) A-1556																	
P	3		SCBP0632BN7		1	Screw, Machine																		
P	10		SCBP0832BN5		1	Screw, Machine																		
P	5		SCBP0832BN6		1	Screw, Machine																		
P	4		SCBP0832BN7		1	Screw, Machine																		
P	4		SCBP1032BN8		1	Screw, Machine																		
P	20		SCFP0348BN4		1	Screw, Machine																		
P	3		SCFP0632BN5		1	Screw, Machine																		
P	2		SCFP0632BN6		1	Screw, Machine																		
P	1		SCFP0632BN36		1	Screw, Machine																		
P	11		SCFP0832BN8		1	Screw, Machine																		
P	4		SCFP1032BN8		1	Screw, Machine	For R55 Mtg.																	

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

U

✓

MODEL:

MSR-4

SHEET 17 OF 25

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE102-2	TERM., TURRET		R70, C23, 25		3		
TE104-2	TERMINAL, LOCKING						
TE108-3	STANDOFF, RIVET TYPE	A1527		1			
		A1571		6			
		A1572		6			
		A1573		4			
TE109-3	LUG, TERMINAL	A1574		4	21		
		A1527		18			
		A1571		56			
		A1572		68			
		A1573		30			
		A1574		16	188		
TE110-6	LUG SOLDER				1		
TE111-1	TERMINAL LUG				1		
TE111-2	TERMINAL LUG				2		
TE114-2	TERMINAL LUG				4		
TE116-4	TERMINAL LUG				1		
TE117-1	STANDOFF SPACER				4		
TE117-28	STANDOFF SPACER				3		
TE120	LUG, SPADE	CA324		8			
		CA390		1	9		
TE129	TERMINAL LUG				1		
TE149-120	TERMINAL LUG				14		
TE149-144	LUG, SOLDER				4		
TE165-31577	TERMINAL				1		
WA101-10	WASHER, FIBER				8		
WA102-4	WASHER, FIBER				2		
WA109-17	WASHER, FIBER		FOR JJ034 FOR R55 MTG		2		

MODE SELECTOR RECEIVER

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.												LIST NO.						
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS	ISSUE												SHEET	OF	SHEETS
									E	F	G	H	J	K	L	M	N	P	R	S	T	U	V
						<u>RAW MATERIALS</u>																	
P	X		BS-100		1	Solder, Soft																	
P	X		CD-101-1-MW		1	Cord, Lacing	CA-324 CA-388																
P	X		GL-101-1		1	Cement, Piobond	A-1581																
P	X		GL-103		1	Cement, Duco																	
P	X		GL-104-2		1	Cement, Insulex, U85																	
P	X		MWC18(16)U0		2	Cable, Insulated	Black	CA-324, 388															
P	X		MWC18(16)U1		2	Cable, Insulated	Brown	CA-324															
P	X		MWC18(16)U3		2	Cable, Insulated	Orange	CA-324															
P	X		MWC18(16)U4		2	Cable, Insulated	Yellow	CA-324															
P	X		MWC18(16)U91		2	Cable, Insulated	Wh/Brown	CA-324															
P	X		MWC20(7)U1		2	Cable, Insulated	Brown	CA-388															
P	X		MWC20(7)U8		2	Cable, Insulated	Grey	CA-388															
P	X		MWC20(7)U91		2	Cable, Insulated	Wh/Brown	CA-388															

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.													LIST NO.					
	QUANTITY REQ.	L P N	PART NO.	REV	DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS	ISSUE													SHEET	
									E	F	G	H	J	K	L	M	N	P	R	S	T	U	V
<u>RAW MATERIALS</u>																							
P	X		PX-104-3-.034		1	Insulation, Sleeving	Orange	A-1527, A-1575															
P	X		PX-104-4-.034		1	Insulation, Sleeving	Yellow	A-1527, A-1556, A-1575, A-1576, A-1577															
P	X		PX-104-6-.034		1	Insulation, Sleeving	Blue	A-1527, A-1556, A-1575, A-1576, A-1577															
P	X		PX-104-8-.034		1	Insulation, Sleeving	Grey	A-1575															
P	X		PX-104-9-.034		1	Insulation, Sleeving	White	A-1527, A-1556, A-1575, A-1576, A-1577															
P	X		WI-109-2		1	Cable, Shielded (Size 20)																	
P	X		WI-120-15		1	Wire, Magnet, #34 DSC																	
P	X		WL-100-7			Wire, Buss Bar, Tinned #22		A-1527, A-1556, A-1575, A-1576, A-1577															
P	X		WL-100-8			Wire, Buss Bar, Tinned #24		A-1527, A-1556, A-1575, A-1576, A-1577															

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST				MODEL	PROJ. NO.											LIST NO.					
	QUANTITY REQ.	L P Z	PART NO.	REV	DWG	ISSUE											SHEET					
					SIZE	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	21	OF
						<u>SUPPORTING DRAWINGS</u>																
	1		A-1370		4	Cover Assembly, Relay											MS-999					
	1		A-1527		2	Terminal Board # 3, All Stages												TB-3 c/o C7,11,36,37, 57, R12,15,39,40.				
	1		A-1556		4	Terminal Board #2, Final Ass'y & Stamp												TB-2 c/o C1,2,3,4,5,6, 8,9,10,12,13,14,34,35, 56, R1,2,3,4,5,6,7,8, 9,10,11,13,14,16,17, 18,37,38,62				
P	1		A-1571		2	Terminal Board #1 Sub Assembly											u/o A-1575					
P	1		A-1572		2	Terminal Board #2 Sub Assembly											u/o A-1556					
P	1		A-1573		1	Terminal Board #4 Sub Assembly											u/o A-1576					
P	1		A-1574		1	Terminal Board #5 Sub Assembly											u/o A-1577					
	1		A-1575		4	Terminal Board #1, Final Ass'y & Stamp												TB-1 c/o C16,17,18,19, 20,24,26, R19,20,21,22 23,24,25,26,31,32,33, 34,35,36,42,56,63,64, 65,66				
	1		A-1576		2	Terminal Board #4, Final Ass'y & Stamp												TB-4 c/o C30,42,43,44, 45,46, R43,44,45,46, 47,49,50,51,52				
	1		A-1577		2	Terminal Board #5, Final Ass'y & Stamp												TB-5 c/o C15,51,52,54 R53,58,59,61				
	1		A-1581		1	Capacitor Cover & Cushion Assembly																
	1		A-1582		1	El Jumper Connector Assembly																

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

MODE SELECTOR RECEIVER

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	
	QUANTITY REQ.	PZN	REV	MSR-4		ML-MSR-4	
				ISSUE		SHEET	
				E F G H J K L	M N P R S T U V	22 OF 25 SHEETS	
		PART NO.	DWG SIZE	DESCRIPTION	REF	SYMBOLS	
				<u>SUPPORTING DRAWINGS</u>			
1		CA-324	4	Cable, Power Supply	u/o A-1582		
1		CA-388	8	Cable, Main Chassis			
1		CA-390-4-3.0	1	Cable, Assembly, Jumper			
1		CH-160	2	Chart, Resistance			
1		CH-161	2	Chart, Voltage			
1		CK-346	1	Block Diagram, Example I	For GPR-90, MSR-4		
1		CK-347	1	Block Diagram, Example II	For GPR-90, MSR-4		
1		CK-602	4	Block Diagram			
1		CK-366	8	Schematic Diagram			
1		ID-191	1	Dimensional Outline Drawing			
1		LD-409	8	Lettering, Main Chassis	MS-1322		
1		LD-446	8	Lettering, Right Side Plate	MS-1328		
1		LD-448 (Sheet 1)	8	Engraving, Front Panel	MS-1334		
1		LD-448 (Sheet 2)	8	Lettering, Front Panel, Rear	MS-1334		
1		LD-449	8	Lettering, Power Supply Chassis	MS-1346		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.							LIST NO.											
	QUANTITY REQ.	L P N	PART NO.	ISSUE	MSR-4	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	ML-MSR-4		
			REV	DWG SIZE	DESCRIPTION														REF	SYMBOLS			
					<u>SPECIFICATIONS</u>																		
					S-372	Modification Of MSR-1 To Become MSR-4 For Internal Use Only																	
					S-381	Test Procedure, Model MSR-4																	

PURCHASED ITEM	MATERIAL LIST			MODEL	PROJ. NO.	LIST NO.	
	QUANTITY REQ.	L P Z	PART NO.	MSR-4	M N P R S T U V	ML-MSR-4	
				ISSUE		SHEET	
				E F G H J K L		24 OF 25 SHEETS	
			REV	DWG SIZE	DESCRIPTION	REF	SYMBOLS
					<u>LOOSE ITEMS FOR STANDARD MSR-4</u> <u>WHEN SHIPPED ALONE</u>		
	1			1	Cable, AC Power	J2 Mate	W1, P2
	1				<u>CONSISTS OF</u>		
	1				Cable, AC	(1)CA-1079	
	1				Clamp, Cable	(1)CA-1079	
	1				Connector, Plug	(1)CA-1079	P2
	1				Bushing, Cable	(1)CA-1079	
	2				Instruction Book		
P	1			1	Clamp, Cable	For P4	
P	1			1	Connector, Plug, Female	J4 Mate	P4
P	1			2	Terminal Strip, Fanning	For E1	E4
P	1			1	Connector, Plug, Coax.	J1 Mate	P1

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

CHECKED

APPROVED

MATERIAL LIST

REV

L M N P R S T U V

MODEL MSR-4

SHEET 25 OF 25

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
				<p>LOOSE ITEMS FOR MSR-4 WHEN USED WITH DDR-6D & DDR-6H SYSTEMS</p> <p>Instruction Book</p> <p>NO LOOSE ITEMS</p> <p>Clamp, 1/4"</p> <p>Connector, Plug</p>				

MATERIAL LIST

MODEL MSR-4

PROJ. NO.

LIST NO. ML-MSR-4

ISSUE E F G H J K L M N P R S T U

SHEET 17 OF 25 SHEETS

PURCHASED ITEM	QUANTITY REQ.	P N L	PART NO.	REV	DWG SIZE	DESCRIPTION	REF Used On	SYMBOLS
						<u>HARDWARE</u>		
P	21		TE-104-2 TE-108-3			Terminal, Locking Standoff, Rivet Type	(1) A-1527 (6) A-1571 (6) A-1572 (4) A-1573 (4) A-1574	
P	188		TE-109-3			Lug, Terminal	(18) A-1527 (56) A-1571 (68) A-1572 (30) A-1573 (16) A-1574	
P	8		TE-120-2			Lug, Spade	(7) CA-324	
P	14		TE-149-120			Terminal, Lug	(1) CA-390	
P	1		TE-165-31577		1	Terminal	(1) CA-390	
P	2		WA-101-10		1	Washer, Fibre	For JJ-034	
P	2		WA-102-4		1	Washer, Fibre	For R55 Mtg.	

retyped