

MODEL DDDR-5C/MSGC-1/ARCA-1

RECEIVING SET, RADIO
TITLE

MODEL	USED ON SECTION	QTY
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LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.

SEE BELOW

- 1
1-3
3
NONE NOTE 3
4-8, SEE NOTE 3
NONE

LAST SYMBOLS

W19

COMPILED T. MEEHAN 3-2-65
CHECKED L. GABEL
APPROVED O. POSE / F. EATON
FNL APPR *L. Gabel*
ISS DATE 5-26-65

MISSING SYMBOLS

NONE

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE SHIPPED AS LOOSE ITEMS.

NOTE 3. SEE ALSO ARCA-1 LIST FOR FURTHER LOOSE ITEMS.

NOTE 4. ONE NP357-11 SHALL BE MOUNTED ON THE ARCA-1 SYSTEM AND ONE ON ONE OF THE DDDR-5B SYSTEMS.

MATERIAL LIST / NUMERICAL PARTS LIST		REV.																	MODEL: DDRR-5C/MSGC-1/ARCA-1			
																			SHEET 1 OF 8			
PART NO.	DESCRIPTION SUPPORTING LISTS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS															
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT																		
A3696	TEST CARD	DDRR-5C/ MSGC-1/ ARCA-1		3	3		NOTE 2															
ARCA-1	AUTO RCVR RC SYS	DDRR-5C/ MSGC-1/ ARCA-1		1	1		NOTE 3															
DDRR-5B	REMOTE CONT RCVR	DDRR-5C/ MSGC-1/ ARCA-1		2	2																	
MSGC-1	INDEP AGC RCVG	DDRR-5C/ MSGC-1/ ARCA-1		1	1																	
	ELECTRICAL/MECHANICAL																					
BS100	SOLDER, TIN ALY	CA864																				
MWC20/7/U0	WIRE, ELEC, INS	CA409-151		3	3																	
MWC20/7/U2	WIRE, ELEC, INS	CA409-153		4	4																	
MWC20/7/U3	WIRE, ELEC, INS	CA409-154		60	60																	
MWC20/7/U4	WIRE, ELEC, INS	CA409-155		60	60																	
MWC20/7/U6	WIRE, ELEC, INS	CA409-156		80	80																	
MWC20/7/U7	WIRE, ELEC, INS	CA409-157		120	120																	
MWC20/7/U8	WIRE, ELEC, INS	CA409-158		70	70																	
MWC20/7/U9	WIRE, ELEC, INS	CA409-159		70	70																	

MATERIAL LIST / NUMERICAL PARTS LIST		REV.											MODEL: DDRR-5C/MSGC-1/ARCA-1	SHEET 2 OF 8				
PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS											
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT														
NP357-11	PLATE, IDENT			DDRR-5C/ MSGC-1/ ARCA-1		2	2									NOTE 4		
PL243	CONN, PL, RF, BNC			CA864		2		P3010-2,3010-3								W13		
				CA864		2		P3016-2,3016-3									W12	
				CA864		2		P3019-2,3019-3										W11
				CA864		2		P3020-2,3020-3										W10
				CA864		2		P5002-3,5002-4										W16
				CA864		2		P5002-5,5002-6										W14
				CA864		2		P5003-3,5003-4										W17
				CA864		2		P5003-5,5003-6										W15
				CA864		2		P6205-3,6205-4										W19
				CA864		2		P6205-5,6205-6	20									W18
PL244-1	CONN, PL, RF, BNC			CA480-3		2		P3010,P8507								W3		
				CA480-3-15F		2		P3016,P8506									W2	
				CA480-3-15F		2		P3019,P3020									W1	
				CA480-3-14F		2		P5002-2,P8503										W6
				CA480-3		2		P5002-4,P8505										W8
				CA480-3-13F		2		P5003-2,P8504										W4
				CA480-3-10F		2		P5003-4,P8505										W5
				CA480-3		2		P6205-2,P8501										W7
				CA480-3-10F		2		P6205-4,P8502	18									W9
PX830-10-1	INS SLVG-SHRINK			CA864		1X10	10											
RG174/U	CBL, RF			CA480-3-10F		120X2												
				CA480-3		126												
				CA480-3		132												
				CA480-3-13F		156												
				CA480-3-14F		168												
				CA480-3-15F		180x2												
				CA480-3		186												
		CA864		6X10		1428												

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

MODEL: DDDR-5C/MSGC-1/ARCA-1

SHEET 3 OF 8

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SFB0256SN3	SCR,TAP,THD CTG			8			NOTE 4
TE120-2	TERM.,LUG-SPADE			2			
				2			
				2			
				2			
				2			
				2			
				2			
				2	16		
UG260*/U	CONN,PL-BNC			1		P3010-1	W13
				1		P3016-1	W12
				1		P3019-1	W11
				1		P3020-1	W10
				1		P5002-1	W16
				1		P5002-2	W14
				1		P5003-1	W17
				1		P5003-2	W15
				1		P6205-1	W19
				1	10	P6205-2	W18
CK941	SUPP ASSY/REF DWGS DIAG,SRG,INTCONN			1	1		

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

MODEL: DDRR-5C/MSGC-1/ARCA-1

SHEET 4 OF 8

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA409-151-3.00	LEAD,ELEC			1	1		
CA409-153-4.00	LEAD,ELEC			1	1		
CA409-154-60.00	LEAD,ELEC			1	1		
CA409-155-60.00	LEAD,ELEC			1	1		
CA409-156-80,00	LEAD,ELEC			1	1		
CA409-157-120.00	LEAD,ELEC			1	1		
CA409-158-70.00	LEAD,ELEC			1	1		
CA409-159-70.00	LEAD,ELEC			1	1		
CA480-3-10F	CBL ASSY,RF			2	2	W5,W9	

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NUMERICAL PARTS LIST**

REV.

MODEL: DRR-5C/MSGC-1/ARCA-1

SHEET 5 OF 8

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA480-3-10.50F	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			1	W8	
CA480-3-11.50F	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			1	W7	
CA480-3-13F	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			1	W4	
CA480-3-14F	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			1	W6	
CA480-3-15F	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			2	W1,W2	
CA480-3-15.50F	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			1	W3	
CA864	CBL ASSY,RF	DDRR-5C/ MSGC-1/ ARCA-1			10	W10 THRU W19	
CU142-2-9	STRAP,CBL,ADJ	DDRR-5C/ MSGC-1/ ARCA-1			70		
IN335	INST MANUAL	DDRR-5C/ MSGC-1/ ARCA-1			2		
IN340	INST MANUAL	DDRR-5C/ MSGC-1/ ARCA-1			2		

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REV.

MODEL: DDDR-5C/MSGC-1/ARCA-1

SHEET 6 OF 8

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PL149	CONN, PL, RF, QDS			DDRR-5C/ MSGC-1/ ARCA-1	4		
PL177	CONN, PL, ML, AC			DDRR-5C/ MSGC-1/ ARCA-1	6		
SA105	TERM. BD-FNG			DDRR-5C/ MSGC-1/ ARCA-1	4		
SCBP1032BN8	SCR, MACH			DDRR-5C/ MSGC-1/ ARCA-1	132		
TM105-2AL	TERM. BD-FNG			DDRR-5C/ MSGC-1/ ARCA-1	2		
TM105-4AR	TERM. BD-FNG			DDRR-5C/ MSGC-1/ ARCA-1	2		
TM105-8AR	TERM. BD-FNG			DDRR-5C/ MSGC-1/ ARCA-1	2		
TM105-14AR	TERM. BD-FNG			DDRR-5C/ MSGC-1/ ARCA-1	2		
TP114	ALIGN. TOOL, ELEC			DDRR-5C/ MSGC-1/ ARCA-1	1		

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MODEL: DDRR-5C/MSGC-1/ARCA-1

SHEET 7 OF 8

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TP115	ALIGN. TOOL,ELEC			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP116	SCRDRIVER,FLAT			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP117-1	WRENCH,SOC-3/16			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP117-2	WRENCH,SOC-1/4			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP117-3	WRENCH,SOC-5/16			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP118-1	EXTRACT.,EL TUBE			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP118-2	EXTRACT.,EL TUBE			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP119-1	ALIGN. TOOL,ELEC			DDRR-5C/ MSGC-1/ ARCA-1	1		
TP128	TOOL, DESOLDERING			DDRR-5C/ MSGC-1/ ARCA-1	1		

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REV.

MODEL: DDRR-5C/MSGC-1/ARCA-1

SHEET 8 OF 8

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TP132	EXTRACT.,CONT	DDRR-5C/ MSGC-1/ ARCA-1			5		
UG88*/U	CONN,PLUG-BNC	DDRR-5C/ MSGC-1/ ARCA-1			10		
WA101-11	WASH.,NM	DDRR-5C/ MSGC-1/ ARCA-1			132		
WR100-18	KEY,SOC HD SCR	DDRR-5C/ MSGC-1/ ARCA-1			1		
WR100-19	KEY,SOC HD SCR	DDRR-5C/ MSGC-1/ ARCA-1			1		