

MULTICHANNEL TRANSMITTER RECEIVER SYSTEM

MODEL MCTR-350

TITLE

MODEL

USED ON
SECTIONQTY
1

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
2-4
5
6
7
NONE

LAST SYMBOLS

NONE

COMPILED T.MEEHAN 1/13/65
CHECKED L.GABEL 16
APPROVED F.BUDETTI 2-B
FNL APPR L.GABEL
ISS DATE 1-26-65

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 UNITS REFERENCED TO THIS NOTE ARE PART OF ATS-2.

NOTE 3. AX436 SHALL BE SUPPLIED AS A LOOSE ITEM.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

MODEL:

MCTR-350

SHEET 1

OF 7

PART NO.	DESCRIPTION SUPPORTING LISTS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
AX436	SERV EXT MODL	MCTR-350			2		NOTE 3
CU-2	DIR COUP. UNIT	A4069			1		NOTE 2
ECPA-1	EQ CONNECT PNL	A4069			1		
LSP-6X	SPKR PNL	A4069			1		
MCU-2	MON CONT UNIT	A4069			1		NOTE 2
PSP-350A	PWR SUPPLY	A4069			1		
RAK-106	CAB., ELEC EQUIP	A4069			1		
RFA-1A	LIN RF AMPL	A4069			1		
SME-1	MULTI CHAN EXC	A4069			1		
SMRA-1	MULTI CHAN RCVR	A4069			1		
TPC-11	TEL REMOTE CONT	A4069			1		
TU-2	ANT. TUNER UNIT	A4069			1		NOTE 2

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SHEET 2 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
BS100	SOLDER, TIN ALY	CA498 CA541-100 CA965					
CD101-1MW	CD, NYLON, LACING	CA965					
FW10HBN	WASH., FLAT	A4069			4		
LA101	BAND, MKR-NO. 1-10	CA541-100			10		
LWE10MRN	WASH., LK, EXT	A4069			4		
MS157-1H	PNL, BLANK	A4069			1		
MS3057-6	CLP, CBL, EL CONN	CA498			1		
MS3057-12	CLP, CBL, EL CONN	CA541-100			1		
MS3106A14S1S	CONN, PL, FML-4/C	CA498			1		
MS3106A20-27P	CONN, PL, ML	CA541-100			1		
MS3420-6A	BUSH., RUB	CA498			1		
MS3420-12A	BUSH., RUB	CA541-100 CA965			1 2	3	
MWC20/7/U1	WIRE, ELEC, INS	CA965				240	
MWC20/7/U2	WIRE, ELEC, INS	CA965				240	
MWC20/7/U3	WIRE, ELEC, INS	CA965				240	
MWC20/7/U4	WIRE, ELEC, INS	CA965				240	
MWC20/7/U5	WIRE, ELEC, INS	CA965				240	
MWC20/7/U6	WIRE, ELEC, INS	CA965				240	

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SHEET 3 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MWC20/7/U7	WIRE ,ELEC ,INS	CA965			240		
MWC20/7/U8	WIRE ,ELEC ,INS	CA965			240		
MWC20/7/U9	WIRE ,ELEC ,INS	CA965			240		
MWC20/7/U90	WIRE ,ELEC ,INS	CA965			240		
MWC20/7/U91	WIRE ,ELEC ,INS	CA965			240		
MWC22/7/SJ1	CBL ,SP ,SHLD /JKT	CA965			240		
MWC22/7/SJ2	CBL ,SP ,SHLD /JKT	CA965			240		
MWC22/7/SJ3	CBL ,SP ,SHLD /JKT	CA965			240		
MWC22/7/SJ4	CBL ,SP ,SHLD /JKT	CA965			240		
MWC22/7/SJ93	CBL ,SP ,SHLD /JKT	CA965			240		
MWC22/7/U0	WIRE ,ELEC ,INS	CA965			14		
MWC22/7/U1	WIRE ,ELEC ,INS	CA965			240		
NP103-85	PL ,IDENT-COML	A4069			1		
NTH1032BN12	NUT ,PLN ,HEX	A4069			4		
PL212-3	CONN ,PL ,ML	CA965			1		
PL248	CONN ,PL	CA965			1		
PX100-1-438	INS SLVG-SZ 7/16	CA965			240		
PX830-18-1	INS SLVG-SHRINK	CA965			22		
RG8/U	CBL ,RF	CA480-125			1200		

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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SHEET 4 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SCBP1032BN8	SCR, MACH	A4069			16		
SFB0256SN3	SCR, TAP., THD CTG	A4069			4		
TE120-2	TERM., LUG-SPADE	CA498		3			NO. 6
		CA541-100		10	13		NO. 6
TE158G73	TERM., LUG-NO. 3/8	CA484			1		
UG59*/U	CONN, PL-HN	CA480-125			1		
WA101-11	WASH., NM	A4069			16		
WI112-7	CBL, PWR	CA541-100			1200		
WI130-3-20-108	CBL, SP, SHLD/JKT	CA498			1		
WL106-1	WIRE, ROPE, PH BRZ	CA484			28		

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SHEET 5 OF 7

PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A4069	MCTR-350 FNL ASSY	MCTR-350			1		
CH435	CHART, UNIT BKDN	MCTR-350			1		
CK831	DIAG, WRG	MCTR-350			1		
ID302	INST DETAILS	MCTR-350			1		

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SHEET 6

OF 7

PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S907	TEST PROC	MCTR-350			1		

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SHEET 7

OF 7

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA480-125-100F	CBL ASSY,RF	MCTR-350			1		
CA484	LEAD,ELEC,ANT.	MCTR-350			1		
CA498-1	CBL ASSY,SP,3/C	MCTR-350			1		
CA541-100	CBL ASSY,SP,10/C	MCTR-350			1		
CA965-20.00	CBL ASSY,SP	MCTR-350			1		
GL114	GREASE,SIL-1 OZ	MCTR-350			1		
JJ320	ADPT,CONN-HN	MCTR-350			1		
MS3057-6	CLP,CBL,EL CONN	MCTR-350			1		
MS3057-12	CLP,CBL,EL CONN	MCTR-350			1		
MS3106A14S1S	CONN,PL,FML	MCTR-350			1		
MS3106A20-27P	CONN,PL,ML	MCTR-350			1		
MX564A/U	CLAMP,ARMORED	MCTR-350			2		
PJ055B	PLUG,TEL	MCTR-350			1		
PL105-2	CONN,PL,FML	MCTR-350			2		
SCBP1032BN8	SCR,MACH	A4069			16		
TE120-2	TERM.,LUG-SPADE	MCTR-350			10		NO. 6
TP119-1	ALIGN.TOOL,ELEC	MCTR-350			1		
UG59*/U	CONN,PLUG-HN	MCTR-350			2		
UG88*/U	CONN,PLUG-BNC	MCTR-350			2		
WA101-11	WASH.,NM	A4069			16		