



MATERIAL LIST		REV.	A	B	C	D	E	F	G	MODEL	AX-386		
										SHEET	1	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS						
				USED ON	USED TO MOUNT	QUAN.							
1	A-2248-1	Machining, Terminal Board, Divider		A-2248-4		1							
1	A-2248-2	Lettering, Terminal Board, Divider		A-2248-4		1							
1	A-2248-3	Sub-Assembly, Terminal Board, Divider		A-2248-4		1							
1	A-2264-1	Machining, Terminal Board, Ampl.		A-2264-4		1							
1	A-2264-2	Lettering, Terminal Board, Ampl.		A-2264-4		1							
1	A-2264-3	Sub-Assembly, Terminal Board, Ampl.		A-2264-4		1							
1	CC21SL020C	Capacitor, Fixed, Ceramic, 2 uuf		A-2264-4		1	C3369						
2	CC-100-9	Capacitor, Fixed, Ceramic, Disc, .001 uf		A-2248-4		2	C3301, 3306						
2	CC-100-16	Capacitor, Fixed, Ceramic, Disc, .01 uf		A-2248-4		1	C3308						
				A-2264-4		1	C3319						
1	CC-100-24	Capacitor, Fixed, Ceramic, Disc, .02 uf		A-2264-4		1	C3323						
1	CC-100-33	Capacitor, Fixed, Ceramic, Disc, .22 uf		AX-386		1	C3318						
6	CC-100-37	Capacitor, Fixed, Ceramic, Disc, .1 mf		A-2248-4		1	C3305						
				A-2264-4		5	C3312, 3313, 3314, 3317,						
1						1	C3321, B, C						
1	CE-108-1	Cap., Fixed, Electrolytic, 20+20+20 uf		AX-386		1	C3309A, B, C						
3	CM15B050K	Capacitor, Fixed, Mica, 5 uuf		AX-386		2	C3315, 3325						
				A-2264-4		1	C3326						
4	CM15B101K	Capacitor, Fixed, Mica, 100 uuf		A-2248-4		2	C3302, 3307						
				AX-386		1	C3316						
				A-2264-4		1	C3327						
1	CM15B220J	Capacitor, Fixed, Mica, 22 uuf		AX-386		1	C3324						
1	CM15B431J	Capacitor, Fixed, Mica, 430 uuf		AX-386		1	C3311						

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E	F	G	MODEL	AX-386	
										SHEET	2	OF 13
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS					
				USED ON	USED TO MOUNT	QUAN.						
		ELECTRICAL/MECHANICAL										
2	CM15B560J	Capacitor, Fixed, Mica, 56 uuf		A-2248-4		2	C3303, 3304,					
1	CM15B680J	Capacitor, Fixed, Mica, 68 uuf		AX-386		1	C3310					
1	CM20B112J	Capacitor, Fixed, Mica, 1100 uuf		A-2557		1	C3338					
1	CM20B391J	Capacitor, Fixed, Mica, 390 uuf		A-2557		1	C3358					
1	CM20B821J	Capacitor, Fixed, Mica, 820 uuf		A-2557		1	C3348					
1	CP-106H205-4	Capacitor, Fixed, Paper, 2 uf		AX-386		1	C3320					
1	CR-109-26	Crystal, Quartz, Unit, 320KC		A-2419		1	Y3310					
1	CR-109-27	Crystal, Quartz, Unit, 330KC		A-2419		1	Y3309					
1	CR-109-28	Crystal, Quartz, Unit, 340KC		A-2419		1	Y3308					
1	CR-109-29	Crystal, Quartz, Unit, 350KC		A-2419		1	Y3307					
1	CR-109-30	Crystal, Quartz, Unit, 360KC		A-2419		1	Y3306					
1	CR-109-31	Crystal, Quartz, Unit, 370KC		A-2419		1	Y3305					
1	CR-109-32	Crystal, Quartz, Unit, 380KC		A-2419		1	Y3304					
1	CR-109-33	Crystal, Quartz, Unit, 390KC		A-2419		1	Y3303					
1	CR-109-34	Crystal, Quartz, Unit, 400KC		A-2419		1	Y3302					
1	CR-109-35	Crystal, Quartz, Unit, 410KC		A-2419		1	Y3301					
1	CU-118-4S	Clamp, Tube		AX-386		1						

MATERIAL LIST		REV.	A	B	C	D	E	F	G	MODEL	AX-386		
										SHEET	3	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS						
				USED ON	USED TO MOUNT	QUAN.							
10	CV-108-4	Capacitor, Variable, 1-30 uuf		A-2419		10	C3328 thru 3337						
2	CV-111-6	Capacitor, Variable, 50-380 uuf		AX-386		2	C3371, 3372						
1	CV-111-9	Capacitor, Variable, 140-680 uuf		AX-386		1	C3370						
2	CY10C340FYY	Capacitor, Fixed, Glass, 34 uuf		A-2557		2	C3359, 3360						
1	CY10C380FYY	Capacitor, Fixed, Glass, 38 uuf		A-2557		1	C3361						
1	CY10C400FYY	Capacitor, Fixed, Glass, 40 uuf		A-2557		1	C3362						
1	CY10C440FYY	Capacitor, Fixed, Glass, 44 uuf		A-2557		1	C3363						
1	CY10C470F	Capacitor, Fixed, Glass, 47 uuf		A-2257		1	C3364						
2	CY10C520FYY	Capacitor, Fixed, Glass, 52 uuf		A-2557		2	C3349, 3365						
2	CY10C560F	Capacitor, Fixed, Glass, 56 uuf		A-2557		2	C3350, 3366						
1	CY10C610FYY	Capacitor, Fixed, Glass, 61 uuf		A-2557		1	C3367						
1	CY10C640FYY	Capacitor, Fixed, Glass, 64 uuf		A-2557		1	C3351						
1	CY10C660FYY	Capacitor, Fixed, Glass, 66 uuf		A-2557		1	C3352						
1	CY10C730FYY	Capacitor, Fixed, Glass, 73 uuf		A-2557		1	C3353						
1	CY10C750F -	Capacitor, Fixed, Glass, 75 uuf		A-2557		1	C3339						
1	CY10C760FYY	Capacitor, Fixed, Glass, 76 uuf		A-2557		1	C3354						
1	CY10C880FYY	Capacitor, Fixed, Glass, 88 uuf		A-2557		1	C3356						
1	CY10C890FYY	Capacitor, Fixed, Glass, 89 uuf		A-2557		1	C3355						
1	CY10C910F	Capacitor, Fixed, Glass, 91 uuf		A-2557		1	C3340						
1	CY10C960FYY	Capacitor, Fixed, Glass, 96 uuf		A-2557		1	C3341						
1	CY10C101F	Capacitor, Fixed, Glass, 100 uuf		A-2557		1	C3357						
1	CY10C151F	Capacitor, Fixed, Glass, 150 uuf		A-2557		1	C3346						
1	CY10C181F	Capacitor, Fixed, Glass, 180 uuf		A-2557		1	C3347						
1	CY10C1060FYY	Capacitor, Fixed, Glass, 106 uuf		A-2557		1	C3342						
1	CY10C1140FYY	Capacitor, Fixed, Glass, 114 uuf		A-2557		1	C3343						
1	CY10C1260FYY	Capacitor, Fixed, Glass, 126 uuf		A-2557		1	C3344						
1	CY10C1450FYY	Capacitor, Fixed, Glass, 145 uuf		A-2557		1	C3345						

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E	F	G	MODEL	AX-386		
										SHEET	4	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS						
				USED ON	USED TO MOUNT	QUAN.							
4	JJ-211	Connector, Receptacle, Male		AX-386		3	J3301, 3302, 3303						
				AX-386		1	J3304						
1	JJ-242-3S	Connector, Receptacle, Female		AX-386		1	J3306						
1	JJ-245	Connector, Receptacle, Male		AX-386		1	J3305						
1	MS-2880	Shield, Switch Mounting		SW-291		1	Purchase w/SW-291						
1	MS-2883	Plate, Front, Switch Mounting	LD-1090	AX-386		1							
1	MS-2885	Plate, Side, Right		AX-386		1							
1	MS-2886	Plate, Side, Left	LD-1088	AX-386		1							
1	MS-2912	Chassis, Main	LD-1070	AX-386		1							
1	MS-2950	Plate, Crystal, Tie Down	LD-1083	A-2419		1							
4	PL-204	Connector, Plug		W3301 - 60		2	P3301, 3302, 3303						
				W3302 - 60		2	P3303, 3304						
1	PX-658	Board, Crystal	LD-1080	A-2419		1							
7	RC20GF104K	Resistor, Fixed, Composition		A-2248-4		1	R3302						
				AX-386		1	R3305						
				A-2248-4		2	R3308, 3310						
				AX-386		1	R3314						
				A-2264-4		2	R3321, 3332						
2	RC20GF151K	Resistor, Fixed, Composition		A-2264-4		2	R3315, 3324						
1	RC20GF153K	Resistor, Fixed, Composition		A-2248-4		1	R3311						
				A-2264-4		1	R3322						

MATERIAL LIST		REV.	A	B	C	D	E	F	G							MODEL	AX-386		
																SHEET	5	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
1	RC20GF155K	Resistor, Fixed, Composition		AX-386		1	R3304												
1	RC20GF222K	Resistor, Fixed, Composition		AX-386		1	R3307												
3	RC20GF223K	Resistor, Fixed, Composition		A-2264-4		2	R3317, 3325												
				AX-386		1	R3327												
1	RC20GF225K	Resistor, Fixed, Composition		A-2248-4		1	R3301												
2	RC20GF332K	Resistor, Fixed, Composition		A-2264-4		2	R3316, 3326												
1	RC20GF333K	Resistor, Fixed, Composition		A-2248-4		1	R3313												
4	RC20GF470K	Resistor, Fixed, Composition		AX-386		3	R3318, 3319, 3323												
				AX-386		1	R3331												
1	RC20GF472K	Resistor, Fixed, Composition		A-2264-4		1	R3322												
1	RC20GF474K	Resistor, Fixed, Composition		AX-386		1	R3320												
1	RC20GF561K	Resistor, Fixed, Composition		A-2248-4		1	R3312												
1	RC32GF153K	Resistor, Fixed, Composition		A-2248-4		1	R3309												
2	RC32GF222K	Resistor, Fixed, Composition		AX-386		2	R3328, 3329												
1	RV106UX8B101A	Resistor, Variable, Composition		AX-386		1	R3330												
1	RV106UX8B104A	Resistor, Variable, Composition		AX-386		1	R3303												
1	RY-121-20-6-3.625	Strip, Rubber		A-2419		1													
1	SW-291	Switch, Rotary		A-2557		1	S3301A, B, C, D, E, F												
2	TE0632BN58H	Spacer, Threaded		A-2419		2													
1	TS-101-PO1	Socket, Tube, Octal		AX-386		1	XC3309												

MATERIAL LIST		REV.	A	B	C	D	E	F	G							MODEL	AX-386
																SHEET	6 OF 13
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS										
				USED ON	USED TO MOUNT	QUAN.											
4	TS-102-P01	Socket, Tube, 7 Pin		AX-386		3	XV3301, 3302, 3303, XV3304										
1	TS-102-U01	Shield, Tube		AX-386		1	For V3301										
3	TS-102-U02	Shield, Tube		AX-386		3	For V3302, 3303, 3304										
10	TS-104-2	Socket, Crystal		A-2419		10	XY3301 thru 3310										
1	TS-130-MBW	Socket, Tube		AX-386		1	XCR3302										
1	TZ-103-1	Transformer, RF, 96 uh		AX-386		1	T3301										
1	TZ-103-2	Transformer, RF, 116 uh		AX-386		1	T3302										
1	TZ-103-3	Transformer, RF, 191 uh		AX-386		1	T3303										

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	MODEL	SHEET			OF		
		A B C D E F G	AX-386	7		13			
QUAN. PER UNIT	PART NO.	DESCRIPTION TUBES & DIODES	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS		
				USED ON	USED TO MOUNT	QUAN.			
1	DD-100	Semicon, Device, Diode		AX-386		1	CR3302		
2	1N303	Semicon, Device, Diode		A-2264-4		2	CR3303, 3304		
1	1N463	Semicon, Device, Diode, Silicon		A-2448-4		1	CR3301		
1	6AB4	Tube, Electron, Cathode		AX-386		1	V3302		
1	6AH6	Tube, Electron, Amplifier		AX-386		1	V3303		
1	6AS6	Tube, Electron, Divider		AX-386		1	V3301		
1	6AU6	Tube, Electron, Amplifier		AX-386		1	V3304		



**MATERIAL LIST**

REV.

A B C D E F G

MODEL

AX-386

SHEET

8

OF

13

QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
8	FW04HBN	Washer, Flat		AX-386		8	
3	FW06HBN	Washer, Flat		AX-386		3	
25	LWE04MRN	Washer, Lock, External		A-2419 AX-386		10 15	
18	LWE06MRN	Washer, Lock, External		A-2419 AX-386		2 16	
17	NT-129-632-4	Nut, Swage		MS-2880 MS-2883 MS-2912		2 4 11	
22	NTH0440BN6	Nut, Hexagon		A-2419 AX-386		10 12	
8	NTH0632BN8	Nut, Hexagon		AX-386		8	
20	SC-131-0632-BN4	Screw, Machine, Undercut		AX-386		20	
13	SCBP0440BN4	Screw, Machine		AX-386		13	
4	SCBP0632BN4	Screw, Machine		AX-386		4	
6	SCBP0632BN5	Screw, Machine		AX-386		6	
4	SCBP0632BN6	Screw, Machine		AX-386		4	
2	SCBP0632BN8	Screw, Machine		AX-386		2	

**THE TECHNICAL MATERIEL CORPORATION**

**MAMARONECK, NEW YORK**

MATERIAL LIST		REV.	A	B	C	D	E	F	G	MODEL	AX-386	
										SHEET	9	OF 13
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS					
				USED ON	USED TO MOUNT	QUAN.						
		HARDWARE										
2	SCFP0440BN5	Screw, Machine		AX-386		2						
2	SCFP0632BN4	Screw, Machine		AX-386		2						
3	TE-102-2	Terminal, Turret		AX-386		3						
6	TE-108-12	Standoff, Rivet Type		A-2248-4		2						
				A-2264-4		4						
6	TE-116-3	Lug, Solder		A-2248-4		2						
				A-2264-4		4						
11	TE-149-.120	Terminal, Lug		AX-386		11						
72	TE-168-4-C	Terminal, Lug, Miniature		A-2248-4		34						
				A-2264-4		38						
5	TE-169-1	Feed-thru, Teflon		AX-386		3	TP3301, 3302, 3303					
				AX-386		2	TP3304, 3305					
10	WA-109-17	Washer, Fibre		A-2419		10						

MATERIAL LIST		REV.	A	B	C	D	E	F	G	MODEL	AX-386		
										SHEET	10	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION RAW MATERIALS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS						
				USED ON	USED TO MOUNT	QUAN.							
	BS-100	Solder, Soft											
1	LA-106-12-P3301(J3301)	Marker, Wire	S693	CA-480-68		1							
1	LA-106-12-P3302(J3403)	Marker, Wire	S693	CA-480-68		1							
1	LA-106-12-P3303(J3304)	Marker, Wire	S693	CA-480-68		1							
1	LA-106-12-P3304(J3404)	Marker, Wire	S693	CA-480-68		1							
1	LA-106-12-W3301	Marker, Wire	S693	CA-480-68		1							
1	LA-106-12-W3302	Marker, Wire	S693	CA-480-68		1							
0-8	MWC22(7)U0	Wire, Electrical	Black	A-2248-4 A-2264-4		3" 5"							
2-4	MWC22(7)U2	Wire, Electrical	Red	A-2248-4 A-2264-4		6" 22"							
0-9	MWC22(7)U3	Wire, Electrical	Orange	A-2248-4 A-2264-4		2" 7"							
0-8	MWC22(7)U4	Wire, Electrical	Yellow	A-2248-4 A-2264-4		4" 4"							
1-6	MWC22(7)U5	Wire, Electrical	Green	A-2248-4 A-2264-4		13" 5"							

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E	F	G								MODEL	AX-386		
																	SHEET	11	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
0-11	MWC22(7)U6	Wire, Electrical	Blue	A-2248-4		7"														
				A-2264-4		4"														
0-3	MWC22(7)U7	Wire, Electrical	Violet	A-2248-4		3"														
0-6	MWC22(7)U8	Wire, Electrical	Gray	A-2264-4		6"														
0-10	PX-104-1-.034	Sleeving, Size 20	Black	A-2557		10"														
2-0	PX-104-2-.034	Sleeving, Size 20	Yellow	AX-386		24"														
2-4	PX-104-3-.034	Sleeving, Size 20	Red	AX-386		24"														
				A-2557		4"														
2-0	PX-104-4-.034	Sleeving, Size 20	Green	AX-386		24"														
2-10	PX-104-6-.034	Sleeving, Size 20	Blue	A-2557		10"														
				AX-386		24"														
2-0	PX-104-7-.034	Sleeving, Size 20	Gray	AX-386		24"														
2-0	PX-104-8-.034	Sleeving, Size 20	Orange	AX-386		24"														
2-0	PX-104-9-.034	Sleeving, Size 20	Violet	AX-386		24"														
5-6	WL-100-6	Wire, Buss, Size #20		A-2557		30"														
				AX-386		36"														

MATERIAL LIST		REV.	A	B	C	D	E	F	G							MODEL	AX-386		
																SHEET	12	OF	13
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
		SUPPORTING DRAWINGS																	
1	A-2248-4	Final Assembly, Terminal Bd., Divider		AX-386		1	TB3301												
1	A-2264-4	Final Assembly, Terminal Bd., Amplifier		AX-386		1	TB3302												
1	A-2419	Crystal Board Assembly		AX-386		1													
1	A-2557	10KC Selector Switch Assembly		AX-386		1													
2	CA-480-68-7	Cable Assembly, RF	S693	AX-386		1	W3301, 3302												
1	CK-580	Schematic Diagram																	
1	LD-1070	Lettering, Chassis, Main	MS-2912	AX-386		1													
1	LD-1080	Lettering, Board, Crystal	PX-658	A-2419		1													
1	LD-1083	Lettering, Plate, Crystal	MS-2950	A-2419		1													
1	LD-1088	Lettering, Sideplate, Left	MS-2886	AX-386		1													
1	LD-1090	Lettering, Shield, Switch Mounting	MS-2883	SW-291		1													

**MATERIAL LIST**

REV.

A B C D E F G

MODEL AX-386

SHEET 13 OF 13

QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
	S-404	Yellow Iridite		All Metal			
	S-693	Wire, Marking Instructions		CA-480			
	S-695	Test Procedure					

