

USED ON	
MODEL	SECTION
HPS-1	

AX-385	E
LIST NO.	REV.

1KC SELECTOR DECK

(TITLE)

LAST SYMBOLS

C3274  
CR3402  
J3206  
R3231  
S3201  
T3203  
TP3205  
V3204  
Y3210

MISSING SYMBOLS

C3208  
C3216  
C3225  
C3228

LIST SECTIONS

1. SUPPORTING LISTS (NONE REQ.)
2. ELECTRICAL / MECHANICAL (SH.1-6)
3. TUBES / DIODES (SH.7)
4. HARDWARE (SH.8-9)
5. RAW MATERIALS (SH.10)
6. SUPPORTING DRAWINGS (SH.11)
7. SPECIFICATIONS (SH.12)
8. LOOSE ITEMS (NONE REQ.)
9. PARTS PECULIAR (NONE REQ.)

TYPED 10/11/62

CHECKED John Medico

APPROVED J.M. Gabel BP

MATERIAL LIST		REV.	A	B	C	D	E									MODEL	AX-385	
															SHEET	1	OF	12
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS											
				USED ON	USED TO MOUNT	QUAN.												
1	A-2263-1	Machining, Terminal Board, Divider		A-2263-4		1												
1	A-2263-2	Lettering, Terminal Board, Divider		A-2263-4		1												
1	A-2263-3	Sub-Assembly, Terminal Board, Divider		A-2263-4		1												
1	A-2268-1	Machining, Terminal Board, Amplifier		A-2268-4		1												
1	A-2268-2	Lettering, Terminal Board, Amplifier		A-2268-4		1												
1	A-2268-3	Sub-Assembly, Terminal Board, Amplifier		A-2268-4		1												
2	CC-100-9	Capacitor, Fixed, Ceramic, Disc, .001 uf		A-2263-4		2	C3201, 3206											
1	CC-100-16	Capacitor, Fixed, Ceramic, Disc, .01 uf		A-2263-4		1	C3209											
2	CC-100-24	Capacitor, Fixed, Ceramic, Disc, .02 uf		A-2268-4		2	C3219, 3222											
2	CE-106	Capacitor, Fixed, Electrolytic, 6.8 uf		AX-385		2	C3213, 3221											
1	CE-108-1	Capacitor, Fixed, Electrolytic, 20-20-20 uf		AX-385		1	C3229A, B, C											
4	CM15C050J	Capacitor, Fixed, Mica, 5 uuf		AX-385		1	C3214											
				A-2268-4		2	C3217, 3223											
				AX-385		1	C3226											
3	CM15C101K	Capacitor, Fixed, Mica, 100 uuf		A-2263-4		1	C3202											
				AX-385		1	C3215											
				A-2268-4		1	C3227											
1	CM15C200J	Capacitor, Fixed, Mica, 20 uuf		AX-385		1	C3231											

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	ABCDE	MODEL	AX-385		
				SHEET	2	OF	12
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		ELECTRICAL/MECHANICAL					
1	CM15C331K	Capacitor, Fixed, Mica, 330 uuf		A-2263-4		1	C3207
1	CM15C680J	Capacitor, Fixed, Mica, 68 uuf		AX-385		1	C3210
1	CM20B112J	Capacitor, Fixed, Mica, 1100 uuf		AX-385		1	C3211
2	CM20B561J	Capacitor, Fixed, Mica, 560 uuf		A-2263-4		2	C3203, 3204
5	CN112A105K2	Capacitor, Fixed, Mylar, 1 uuf		A-2263-4		1	C3205
		Capacitor, Fixed, Mylar, 1 uuf		A-2268-4		3	C3212, 3218, 3220
		Capacitor, Fixed, Mylar, 1 uuf		A-2268-4		1	C3230
1	CP106H205-4	Capacitor, Fixed, Paper, 2 uf		AX-385		1	C3224
1	CR-109-16	Crystal, Unit, Quartz, 27KC		A-2418		1	Y3210
1	CR-109-17	Crystal, Unit, Quartz, 28KC		A-2418		1	Y3209
1	CR-109-18	Crystal, Unit, Quartz, 29KC		A-2418		1	Y3208
1	CR-109-19	Crystal, Unit, Quartz, 30KC		A-2418		1	Y3207
1	CR-109-20	Crystal, Unit, Quartz, 31KC		A-2418		1	Y3206
1	CR-109-21	Crystal, Unit, Quartz, 32KC		A-2418		1	Y3205
1	CR-109-22	Crystal, Unit, Quartz, 33KC		A-2418		1	Y3204
1	CR-109-23	Crystal, Unit, Quartz, 34KC		A-2418		1	Y3203
1	CR-109-24	Crystal, Unit, Quartz, 35KC		A-2418		1	Y3202
1	CR-109-25	Crystal, Unit, Quartz, 36KC		A-2418		1	Y3201
1	CU-118-4S	Clamp, Tube		AX-385		1	
10	CV-108-4	Capacitor, Variable, 1-30 uuf		A-2418		10	C3232 - C3241
1	CV-111-11	Capacitor, Variable, 190-900 uuf		AX-385		1	C3272, 3273
2	CV-111-16	Capacitor, Variable, 390-1400 uuf		AX-385		2	C3273, 3274

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A B C D E										MODEL	AX-385		
													SHEET	3	OF	12
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS									
				USED ON	USED TO MOUNT	QUAN.										
1	CX-104-39	Capacitor, Fixed, Polystyrene, 8600 uuf		A-2556		1	C3262									
1	CX-104-40	Capacitor, Fixed, Polystyrene, 9400 uuf		A-2556		1	C3242									
1	CX-104-43	Capacitor, Fixed, Polystyrene, 12,500 uuf		A-2556		1	C3252									
1	CY15C491F	Capacitor, Fixed, Glass, 490 uuf		A-2556		1	C3263									
1	CY15C5350F	Capacitor, Fixed, Glass, 535 uuf		A-2556		1	C3264									
1	CY15C621F	Capacitor, Fixed, Glass, 620 uuf		A-2556		1	C3266									
1	CY15C741F	Capacitor, Fixed, Glass, 740 uuf		A-2556		1	C3253									
1	CY15C771F	Capacitor, Fixed, Glass, 770 uuf		A-2556		1	C3246									
1	CY15C791F	Capacitor, Fixed, Glass, 790 uuf		A-2556		1	C3254									
1	CY15C811F	Capacitor, Fixed, Glass, 810 uuf		A-2556		1	C3269									
1	CY15C881F	Capacitor, Fixed, Glass, 880 uuf		A-2556		1	C3270									
1	CY15C931F	Capacitor, Fixed, Glass, 930 uuf		A-2556		1	C3248									
1	CY15C941F	Capacitor, Fixed, Glass, 940 uuf		A-2556		1	C3256									
1	CY15C971F	Capacitor, Fixed, Glass, 970 uuf		A-2556		1	C3271									
1	CY20C1111F	Capacitor, Fixed, Glass, 1110 uuf		A-2556		1	C3258									
1	CY20C1231F	Capacitor, Fixed, Glass, 1230 uuf		A-2556		1	C3259									
1	CY20C1471F	Capacitor, Fixed, Glass, 1470 uuf		A-2556		1	C3261									
1	CY15C5750F	Capacitor, Fixed, Glass, 575 uuf		A-2556		1	C3265									
1	CY15C5950F	Capacitor, Fixed, Glass, 595 uuf		A-2556		1	C3243									
1	CY15C6450F	Capacitor, Fixed, Glass, 645 uuf		A-2556		1	C3244									
1	CY15C6750F	Capacitor, Fixed, Glass, 675 uuf		A-2556		1	C3267									
1	CY15C7050F	Capacitor, Fixed, Glass, 705 uuf		A-2556		1	C3245									
1	CY15C7350F	Capacitor, Fixed, Glass, 735 uuf		A-2556		1	C3268									
1	CY15C8650F	Capacitor, Fixed, Glass, 865 uuf		A-2556		1	C3255									
1	CY15C8850F	Capacitor, Fixed, Glass, 885 uuf		A-2556		1	C3247									
1	CY20C10250F	Capacitor, Fixed, Glass, 1025 uuf		A-2556		1	C3257									
1	CY20C10350F	Capacitor, Fixed, Glass, 1035 uuf		A-2556		1	C3249									
1	CY20C11450F	Capacitor, Fixed, Glass, 1145 uuf		A-2556		1	C3250									
1	CY20C12750F	Capacitor, Fixed, Glass, 1275 uuf		A-2556		1	C3251									
1	CY20C13450F	Capacitor, Fixed, Glass, 1345 uuf		A-2556		1	C3260									

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E									MODEL	AX-385		
																SHEET	4	OF	12
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-385		3	J3201, 3202, 3203												
				AX-385-		1	J3204												
1	JJ-242-3S	Connector, Receptacle, Female		AX-385		1	J3206												
1	JJ-245	Connector, Receptacle, Male		AX-385		1	J3205												
1	MS-2880	Shield, Mounting, Switch	LD-1100	SW-291		1	Purchase w/SW-291												
1	MS-2883	Plate, Front, Switch Mounting	LD-1089	AX-385		1													
1	MS-2885	Plate, Side, Right		AX-385		1													
1	MS-2886	Plate, Side, Left	LD-1087	AX-385		1													
1	MS-2912	Chassis, Main	LD-1069	AX-385		1													
1	MS-2950	Plate, Crystal	LD-1082	A-2418		1													
4	PL-204	Connector, Plug, Female		W3201		2	P3201, 3202, 3203												
				W3202		2	P3203, 3204												
1	PX-658	Board, Crystal Mounting	LD-1079	A-2418		1													
6	RC20GF104K	Resistor, Fixed, Composition		A-2263-4		1	R3202												
				AX-385		1	R3205												
				A-2263-4		2	R3208, 3210												
				AX-385		2	R3214, 3220												
1	RC20GF105K	Resistor, Fixed, Composition		AX-385		1	R3231												
1	RC20GF151K	Resistor, Fixed, Composition		A-2268-4		1	R3223												

MATERIAL LIST		REV.	A	B	C	D	E								MODEL	AX-385		
															SHEET	5	OF	12
QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS											
				USED ON	USED TO MOUNT	QUAN.												
1	RC20GF153K	Resistor, Fixed, Composition		A-2263-4		1	R3213											
1	RC20GF155K	Resistor, Fixed, Composition		A-2263-4		1	R3204											
1	RC20GF222K	Resistor, Fixed, Composition		AX-385		1	R3207											
3	RC20GF223K	Resistor, Fixed, Composition		A-2268-4		2	R3216, 3224											
				AX-385		1	R3228											
2	RC20GF332K	Resistor, Fixed, Composition		A-2268-4		2	R3225, 3230											
1	RC20GF333K	Resistor, Fixed, Composition		A-2263-4		1	R3211											
5	RC20GF470K	Resistor, Fixed, Composition		AX-385		3	R3215, 3217, 3218											
				AX-385		2	R3222, 3229											
1	RC20GF471K	Resistor, Fixed, Composition		A-2263-4		1	R3212											
1	RC20GF472K	Resistor, Fixed, Composition		A-2268-4		1	R3221											
1	RC20GF682K	Resistor, Fixed, Composition		AX-385		1	R3206											
1	RC32GF153K	Resistor, Fixed, Composition		A-2263-4		1	R3209											
2	RC32GF222K	Resistor, Fixed, Composition		AX-385		2	R3226, 3227											
1	RV106UX8B101B	Resistor, Variable, Composition		AX-385		1	R3219											
1	RV106UX8B104B	Resistor, Variable, Composition		AX-385		1	R3203											
1	RY121-20-6-3.625	Strip, Rubber		A-2418		1												
1	SW-291	Switch, Rotary		A-2556		1	S3201A, B, C, D, E, F											
2	TE0632BN6H	Spacer, Threaded		A-2418		2												

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST**

REV.

A B C D E

MODEL AX-385

SHEET 6 OF 12

QUAN. PER UNIT	PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
1	TS-101-P01	Socket, Tube, Octal		AX-385		1	XC3229
4	TS-102-P01	Socket, Tube, 7 Pin		AX-385 AX-385		2 2	XV3201,3202 XV3203,3204
1	TS-102-U01	Shield, Tube		AX-385		1	For V3201
3	TS-102-U02	Shield, Tube		AX-385 AX-385		2 1	For V3202,3203 For V3204
10	TS-104-2	Socket, Crystal		A-2418		10	XY3201 thru 3210
1	TS-130-MBW	Socket, Tube		AX-385		1	XCR3202
1	TZ-103-4	Transformer, RF, Fixed		AX-385		1	T3201
1	TZ-103-5	Transformer, RF, Fixed		AX-385		1	T3202
1	TZ-103-6	Transformer, RF, Fixed		AX-385		1	T3203

# MATERIAL LIST

REV.

A B C D E

MODEL AX-385

SHEET 7 OF

12

QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
		TUBES & DIODES					
1	DD-100	Semicon. Device, Diode		AX-385		1	CR3202
3	1N463	Semicon. Device, Diode, Silicon		A-2263-4 A-2268-4		1 2	CR3201 CR3203, 3204
1	6AB4	Tube, Electron, Cathode Follower		AX-385		1	V3202
1	6AH6	Tube, Electron, Amplifier		AX-385		1	V3203
1	6AS6	Tube, Electron, Divider		AX-385		1	V3201
1	6AU6	Tube, Electron, Amplifier		AX-385		1	V3204

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK



MATERIAL LIST		REV.	A	B	C	D	E											MODEL	AX-385	
																SHEET	8	OF	12	
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS													
				USED ON	USED TO MOUNT	QUAN.														
1	FW06HBN	Washer, Flat		AX-385		1														
25	LWE04MRN	Washer, Lock, External		A-2418 AX-385		10 15														
20	LWE06MRN	Washer, Lock, External		A-2418 AX-385		2 18														
20	NT-129-632-4	Nut, Swage		MS-2880 MS-2883 MS-2912		2 4 14														
22	NTH0440BN6	Nut, Hexagon		A-2418 AX-385		10 12														
5	NTH0632BN8	Nut, Hexagon		AX-385		5														
20	SC-131-0632-BN4	Screw, Machine, Undercut		AX-385		20														
13	SCBP0440BN4	Screw, Machine		AX-385		13														
8	SCBP0632BN4	Screw, Machine		AX-385		8														
6	SCBP0632BN5	Screw, Machine		AX-385		6														
6	SCBP0632BN6	Screw, Machine		A-2418 AX-385		2 4														
2	SCBP0632BN8	Screw, Machine		AX-385		2														
2	SCFP0440BN5	Screw, Machine		AX-385		2														
10	SCFP0440BN8	Screw, Machine		A-2418		10														

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	MODEL AX-385										SHEET 9 OF 12	
QUAN. PER UNIT	PART NO.	DESCRIPTION HARDWARE	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS							
				USED ON	USED TO MOUNT	QUAN.								
3	TE-102-2	Terminal, Turret		AX-385		3								
6	TE-108-13	Standoff, Rivet Type		A-2263-3 A-2268-3		2 4								
6	TE-116-3	Lug, Solder		A-2263-3 A-2268-3		2 4								
11	TE-149-.120	Terminal, Lug		AX-385		11								
2	TE-149-144	Terminal, Lug		AX-385		2								
70	TE-168-4-C	Terminal, Lug, Miniature		A-2263-3 A-2286-3		34 36								
5	TE-169-1	Feed-thru, Teflon		AX-385 AX-385		3 2	TP3201, 3202, 3203 TP3204, 3205							
10	WA-109-17	Washer, Fibre		A-2418		10								

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

MATERIAL LIST		REV.	A	B	C	D	E									MODEL	AX-385		
																SHEET	10	OF	12
QUAN. PER UNIT	PART NO.	DESCRIPTION	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS												
				USED ON	USED TO MOUNT	QUAN.													
	BS-100	Solder, Soft																	
1	LA-106-12-P3201(J3201)	Marker, Wire	S693	CA-480-68		1													
1	LA-106-12-P3202(J3302)	Marker, Wire	S693	CA-480-68		1													
1	LA-106-12-P3203(J3204)	Marker, Wire	S693	CA-480-68		1													
1	LA-106-12-P3204(J3303)	Marker, Wire	S693	CA-480-68		1													
1	LA-106-12-W3201	Marker, Wire	S693	CA-480-68		1													
1	LA-106-12-W3202	Marker, Wire	S693	CA-480-68		1													
0-4	MWC22(7)U0	Wire, Electrical	Black	A-2268-4		4"													
1-10	MWC22(7)U2	Wire, Electrical	Red	A-2263-4		6"													
				A-2268-4		16"													
0-7	MWC22(7)U3	Wire, Electrical	Orange	A-2263-4		3"													
				A-2268-4		4"													
0-6	MWC22(7)U4	Wire, Electrical	Yellow	A-2263-4		4"													
				A-2268-4		2"													
1-4	MWC22(7)U5	Wire, Electrical	Green	A-2263-4		13"													
				A-2268-4		3"													
1-8	MWC22(7)U6	Wire, Electrical	Blue	A-2263-4		7"													
				A-2268-4		13"													
0-5	MWC22(7)U7	Wire, Electrical	Violet	A-2263-4		5"													
0-2	MWC22(7)U8	Wire, Electrical	Gray	A-2268-4		2"													
0-9	PX-104-1-.034	Sleeving, Size 20	Black	A-2556		9"													
2-0	PX-104-2-.034	Sleeving, Size 20	Yellow	AX-385		24"													
2-3	PX-104-3-.034	Sleeving, Size 20	Red	A-2556		3"													
				AX-385		24"													
2-0	PX-104-4-.034	Sleeving, Size 20	Green	AX-385		24"													
2-6	PX-104-6-.034	Sleeving, Size 20	Blue	A-2556		6"													
				AX-385		24"													
2-0	PX-104-7-.034	Sleeving, Size 20	Gray	AX-385		24"													
2-0	PX-104-8-.034	Sleeving, Size 20	Orange	AX-385		24"													
2-0	PX-104-9-.034	Sleeving, Size 20	Violet	AX-385		24"													
1-2	RG-174/U	Cable, Coaxial	Black	CA-480		14"													
8-0	WL-100-6	Wire, Buss, Size 20		A-2556		36"													
				AX-385		60"													

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

**MATERIAL LIST**

REV.

A B C D E

MODEL AX-385

SHEET 11 OF 12

QUAN. PER UNIT	PART NO.	DESCRIPTION SUPPORTING DRAWINGS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
1	A-2263-4	Final Assembly, Terminal Board, Divider		AX-385		1	TB3201
1	A-2268-4	Final Assembly, Terminal Board, Ampl.		AX-385		1	TB3202
1	A-2418	Crystal Board Assembly		AX-385		1	
1	A-2556	1KC Selector Switch Assembly		AX-385		1	
2	CA-480-68-7	Cable Assembly, RF	S693	AX-385		2	W3201, 3202
1	CK-583	Schematic Diagram					
1	LD-1069	Lettering, Chassis, Main	MS-2912	AX-385		1	
1	LD-1079	Lettering, Board, Crystal	PX-658	A-2418		1	
1	LD-1082	Lettering, Plate, Crystal	MS-2950	A-2418		1	
1	LD-1087	Lettering, Sideplate, Left	MS-2886	AX-385		1	
1	LD-1089	Lettering, Plate, Front Switch Mtg.	MS-2883	AX-385		1	
1	LD-1100	Lettering, Shield, Switch Mtg.	MS-2880-	SW-291		1	

**MATERIAL LIST**

REV.

A B C D E

MODEL AX-385

SHEET 12 OF 12

QUAN. PER UNIT	PART NO.	DESCRIPTION SPECIFICATIONS	REF.	ITEM LOCATION			REF. SYMBOLS AND/OR REMARKS
				USED ON	USED TO MOUNT	QUAN.	
1	S-404	Yellow Iridite					
1	S-693	Wire Marking Instructions					
1	S-694	Test Procedure					

### REVISION SHEET

THE TECHNICAL MATERIEL CORP.  
MAMARONECK NEW YORK

AX-385

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
2/25/63	A	1	8370	Dele. 1 ea. CC-100-34 (Sym. C3205)	
		2		On CN112A105K2, Chg. Quan. from 4 to 5 (Sym. C3205)	
5/9/63	B	4,5,11	8990	Rev. per #8990	<i>LB</i>
6/7/63	C	2	9259	Revised per EMN	<i>LB</i>
10/17/63	D	5	10242	Revised Sheet 5 per EMN.	<i>LB</i>
10/19/64	E	3	12703	Revised Sheet 3 as per EMN	<i>MM</i>