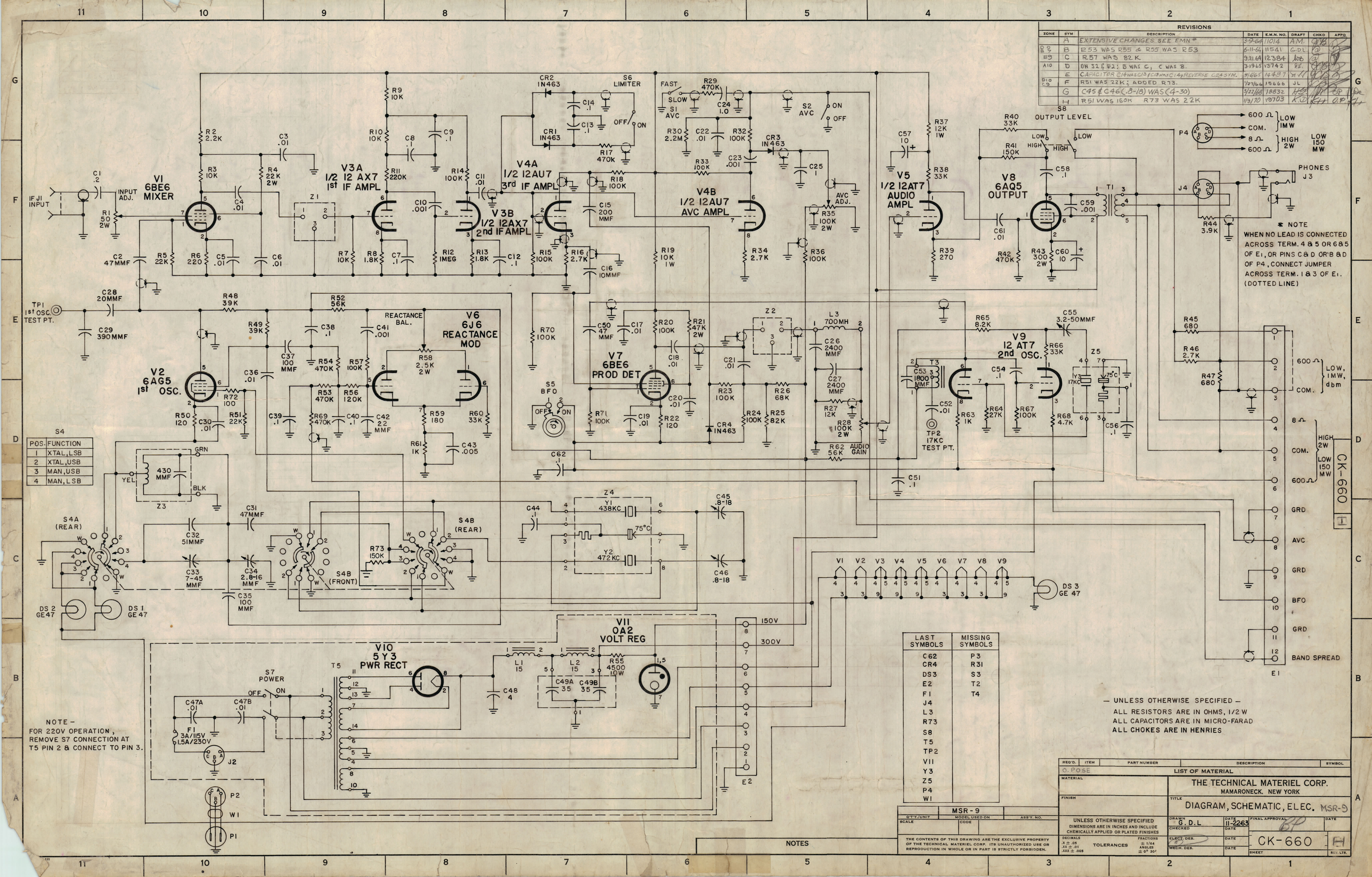

REVISIONS							
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
	A	EXTENSIVE CHANGES SEE EMN #	3-9-64	11014	A.M.		
	B	R53 WAS R55 & R55 WAS R53	6-11-64	11541	G.D.L.		
E9	C	R57 WAS 82 K	9.21.64	12384			
A10	D	ON J2 & P2: B WAS C, C WAS B.	3.19.65	13742			
	E	CAPACITOR C14 WAS C13 & C13 WAS C14, REVERSE C24 SYM.	9/6/65	14487			
D10 C9	F	R51 WAS 22K; ADDED R73.	1/27/66	15666	JL		
	G	C45 & C46 (.8-18) WAS (4-30)	3/22/68	18832			
	H	R51 WAS 150K R73 WAS 22K	1/9/70	19703			

S4

POS.	FUNCTION
1	XTAL, LSB
2	XTAL, USB
3	MAN, USB
4	MAN, LSB

NOTE –
FOR 220V OPERATION, REMOVE S7 CONNECTION AT T5 PIN 2 & CONNECT TO PIN 3.

LAST SYMBOLS	MISSING SYMBOLS
C62	P3
CR4	R31
DS3	S3
E2	T2
F1	T4
J4	
L3	
R73	
S8	
T5	
TP2	
V11	
Y3	
Z5	
P4	
W1	

* NOTE
WHEN NO LEAD IS CONNECTED ACROSS TERM. 4 & 5 OR 6 & 5 OF E1, OR PINS C & D OR B & D OF P4, CONNECT JUMPER ACROSS TERM. 1 & 3 OF E1. (DOTTED LINE)

– UNLESS OTHERWISE SPECIFIED –
ALL RESISTORS ARE IN OHMS, 1/2 W
ALL CAPACITORS ARE IN MICRO-FARAD
ALL CHOKES ARE IN HENRIES

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
O. POSE			LIST OF MATERIAL	

MATERIAL

FINISH

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: DIAGRAM, SCHEMATIC, ELEC. MSR-9

Q'TY/UNIT	MODEL USED ON	ASS'Y. NO.
	MSR-9	

SCALE | CODE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 — TOLERANCES — FRACTIONS ± 1/64 ANGLES ± 0° 30'

DRAWN G.D.L | DATE 11-22-63 | FINAL APPROVAL | DATE
CHECKED | DATE
ELECT. DES. | DATE
MECH. DES. | DATE
SHEET | REV. LTR.

CK-660 H

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NOTES