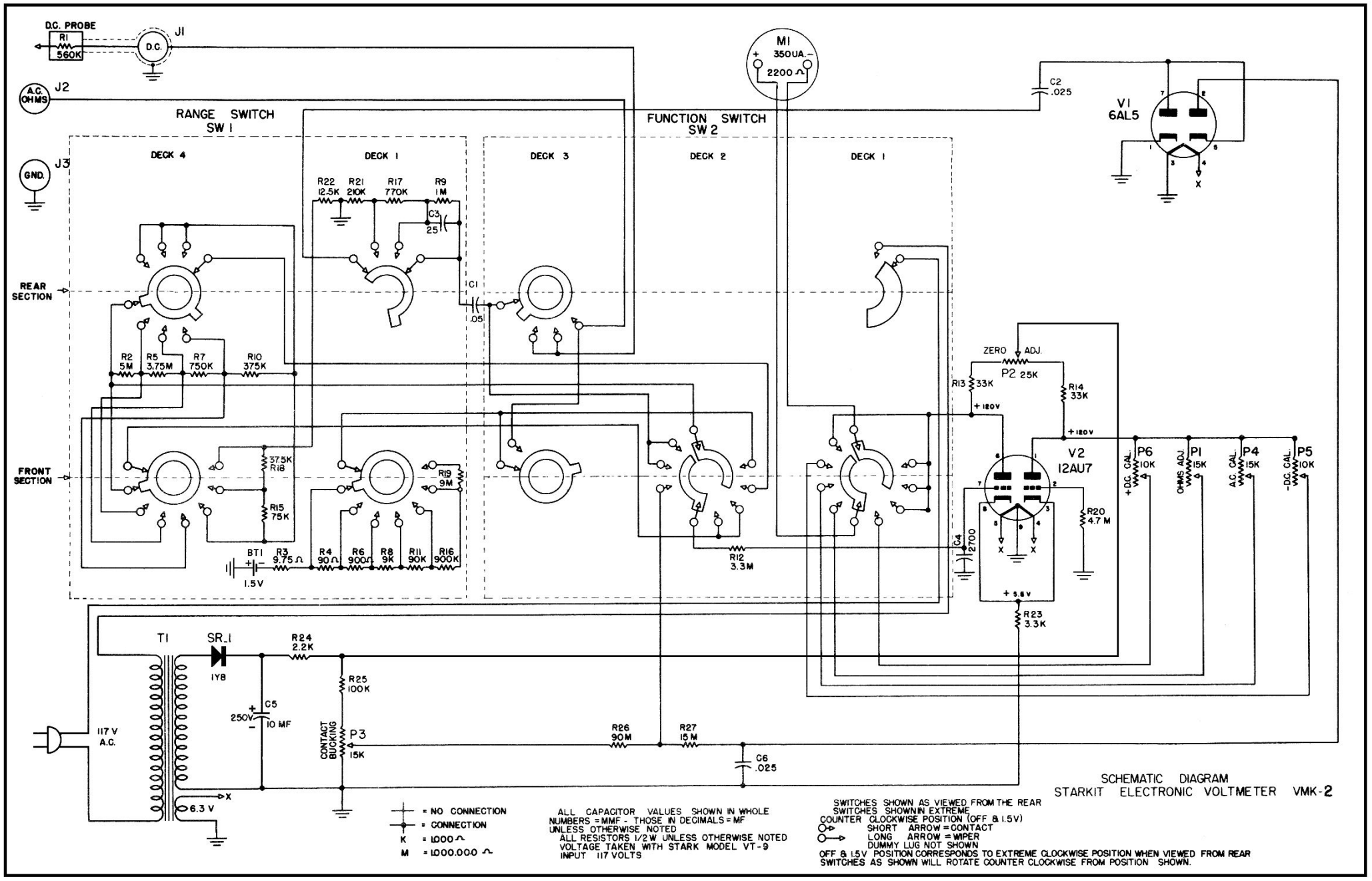
D.C. PROBE
R1
560K
D.C.
J1
A.C. OHMS
J2
GND.
J3
M1
+ 350UA. -
2200Ω
C2
.025
V1
6AL5
RANGE SWITCH
SW 1
FUNCTION SWITCH
SW 2
DECK 4
DECK 1
DECK 3
DECK 2
DECK 1
REAR SECTION
FRONT SECTION
R22 12.5K
R21 210K
R17 770K
R9 1M
C3 25
C1 .05
R2 5M
R5 3.75M
R7 750K
R10 375K
R18 37.5K
R15 75K
R19 9M
BT1 1.5V
R3 9.75Ω
R4 90Ω
R6 900Ω
R8 9K
R11 90K
R16 900K
R12 3.3M
ZERO ADJ.
P2 25K
R13 33K
R14 33K
+120V
V2
12AU7
C4 2700
R20 4.7M
+5.6V
R23 3.3K
P6 +DC CAL. 10K
P1 OHMS ADJ. 15K
P4 A.C. CAL. 15K
P5 -DC CAL. 10K
T1
SR.1
1Y8
R24 2.2K
R25 100K
C5 250V 10 MF
CONTACT BUCKING
P3 15K
R26 90M
R27 15M
C6 .025
117 V A.C.
6.3 V
X
= NO CONNECTION
= CONNECTION
K = 1000Ω
M = 1000.000Ω
ALL CAPACITOR VALUES SHOWN IN WHOLE NUMBERS = MMF - THOSE IN DECIMALS = MF
UNLESS OTHERWISE NOTED
ALL RESISTORS 1/2 W UNLESS OTHERWISE NOTED
VOLTAGE TAKEN WITH STARK MODEL VT-9
INPUT 117 VOLTS
SWITCHES SHOWN AS VIEWED FROM THE REAR
SWITCHES SHOWN IN EXTREME COUNTER CLOCKWISE POSITION (OFF & 1.5V)
SHORT ARROW = CONTACT
LONG ARROW = WIPER
DUMMY LUG NOT SHOWN
OFF & 1.5V POSITION CORRESPONDS TO EXTREME CLOCKWISE POSITION WHEN VIEWED FROM REAR
SWITCHES AS SHOWN WILL ROTATE COUNTER CLOCKWISE FROM POSITION SHOWN.
SCHEMATIC DIAGRAM
STARKIT ELECTRONIC VOLTMETER VMK-2