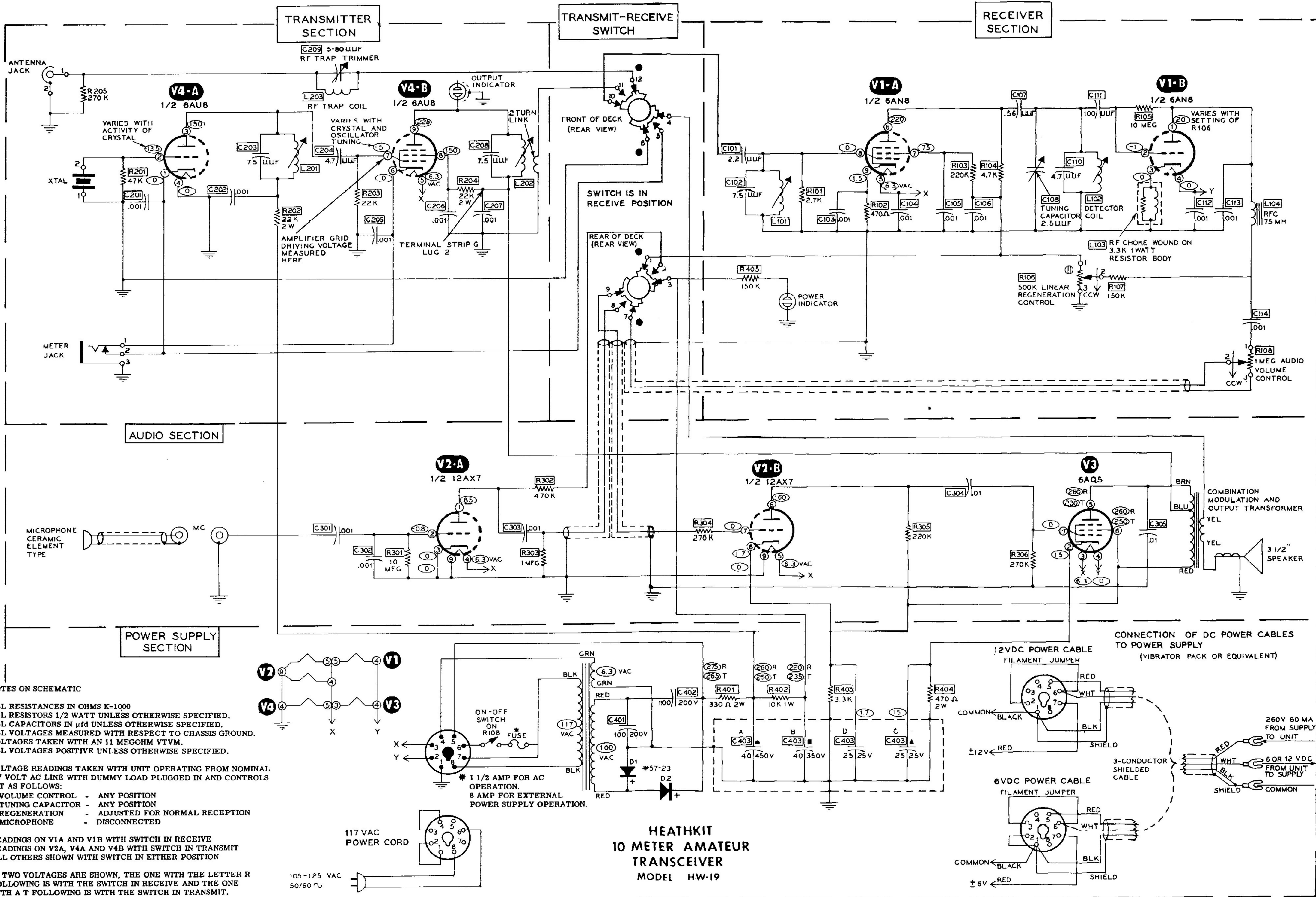




NOTES ON SCHEMATIC

ALL RESISTANCES IN OHMS K=1000
 ALL RESISTORS 1/2 WATT UNLESS OTHERWISE SPECIFIED.
 ALL CAPACITORS IN μ d UNLESS OTHERWISE SPECIFIED.
 ALL VOLTAGES MEASURED WITH RESPECT TO CHASSIS GROUND.
 VOLTAGES TAKEN WITH AN 11 MEGOHM VTVM.
 ALL VOLTAGES POSITIVE UNLESS OTHERWISE SPECIFIED.

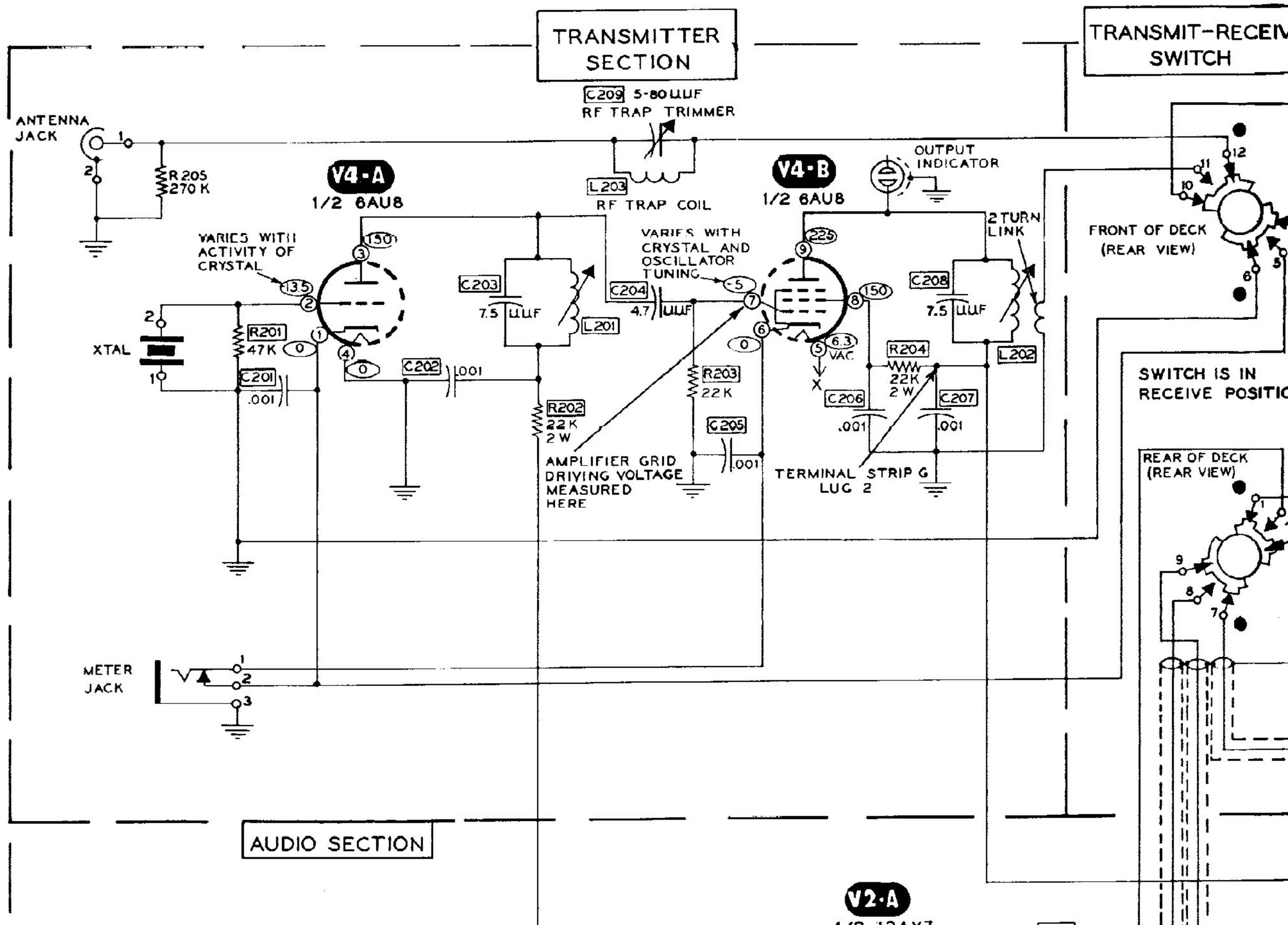
VOLTAGE READINGS TAKEN WITH UNIT OPERATING FROM NOMINAL 117 VOLT AC LINE WITH DUMMY LOAD PLUGGED IN AND CONTROLS SET AS FOLLOWS:

- VOLUME CONTROL - ANY POSITION
- TUNING CAPACITOR - ANY POSITION
- REGENERATION - ADJUSTED FOR NORMAL RECEPTION
- MICROPHONE - DISCONNECTED

READINGS ON V1A AND V1B WITH SWITCH IN RECEIVE
 READINGS ON V2A, V4A AND V4B WITH SWITCH IN TRANSMIT
 ALL OTHERS SHOWN WITH SWITCH IN EITHER POSITION

IF TWO VOLTAGES ARE SHOWN, THE ONE WITH THE LETTER R FOLLOWING IS WITH THE SWITCH IN RECEIVE AND THE ONE WITH A T FOLLOWING IS WITH THE SWITCH IN TRANSMIT.

HEATHKIT 10 METER AMATEUR TRANSCEIVER MODEL HW-19



REIVE

RECEIVER SECTION

TION

2
3

V1-A
1/2 6AN8

V1-B
1/2 6AN8

VARIES WITH
SETTING OF
R106

C101
2.2 ULUF

C102
7.5 ULUF

R101
2.7K

C103
.001

R102
470Ω

C104
.001

R103
220K

R104
4.7K

C105
.001

C106
.001

C107
.56 ULUF

C111
100 ULUF

R105
10 MEG

C108
TUNING
CAPACITOR
2.5 ULUF

C110
4.7 ULUF

L102
DETECTOR
COIL

L103
RF CHOKE WOUND ON
3.3K 1WATT
RESISTOR BODY

R106
500K LINEAR
REGENERATION
CONTROL

R107
150K

C112
.001

C113
.001

L104
RFC
75 MH

R405
150K

POWER
INDICATOR

C114
.001

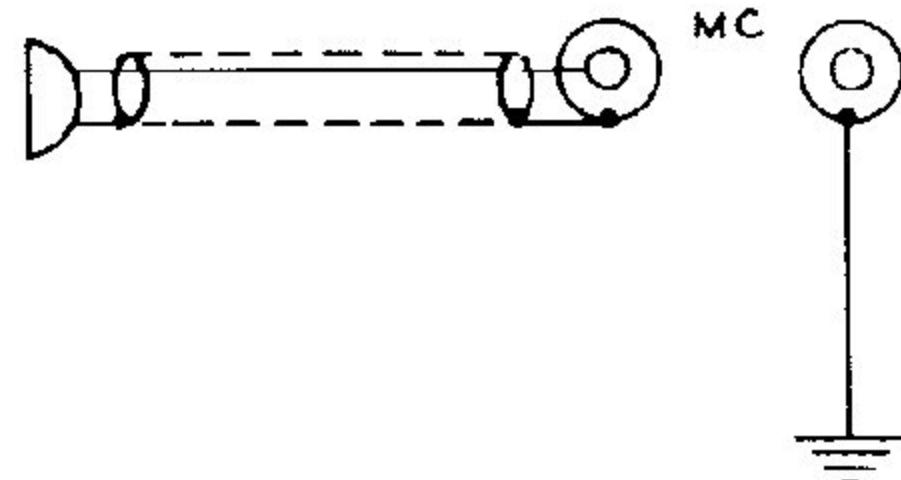
R108
1 MEG AUDIO
VOLUME
CONTROL

V2-B

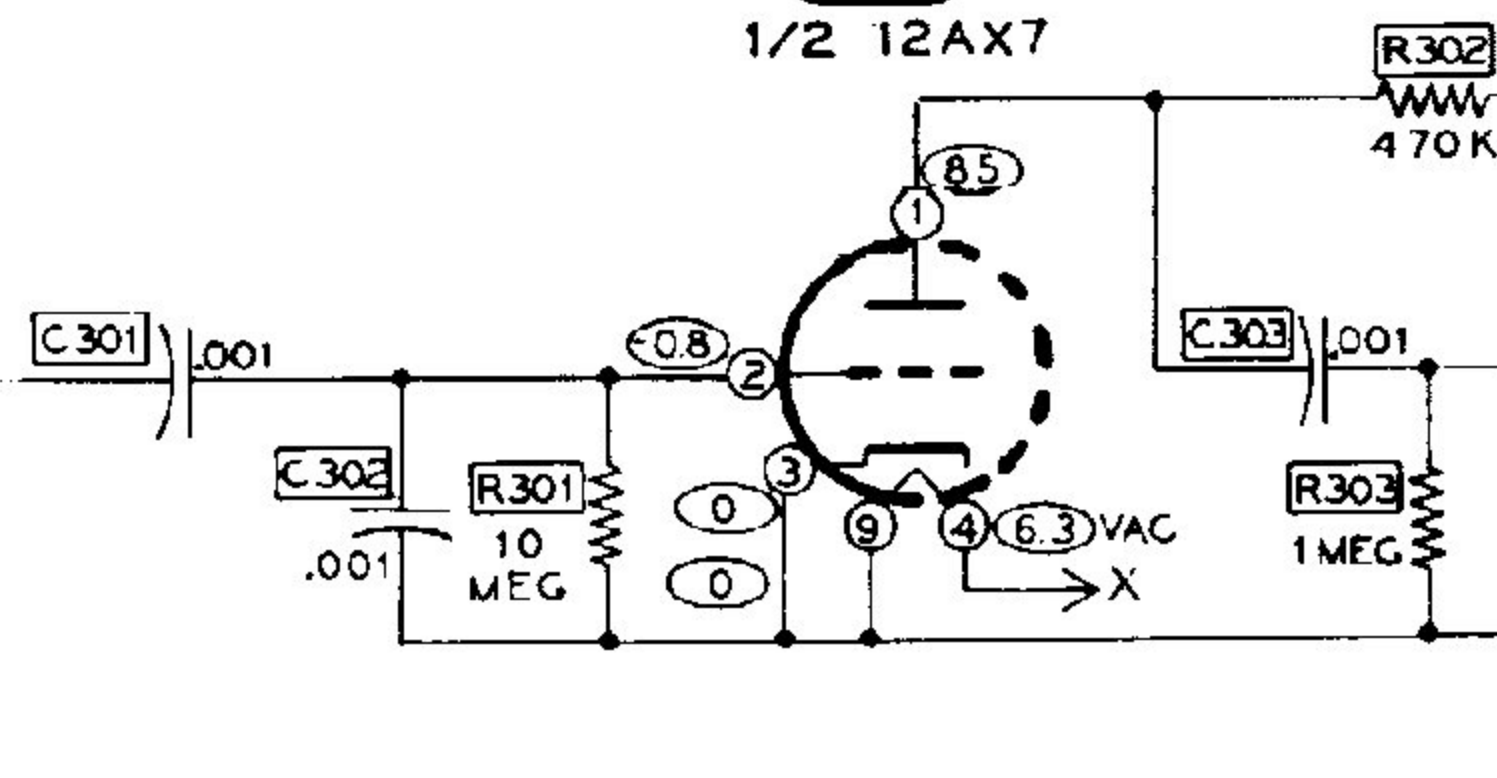
V3

AUDIO SECTION

MICROPHONE
CERAMIC
ELEMENT
TYPE



V2-A
1/2 12AX7



POWER SUPPLY SECTION

NOTES ON SCHEMATIC

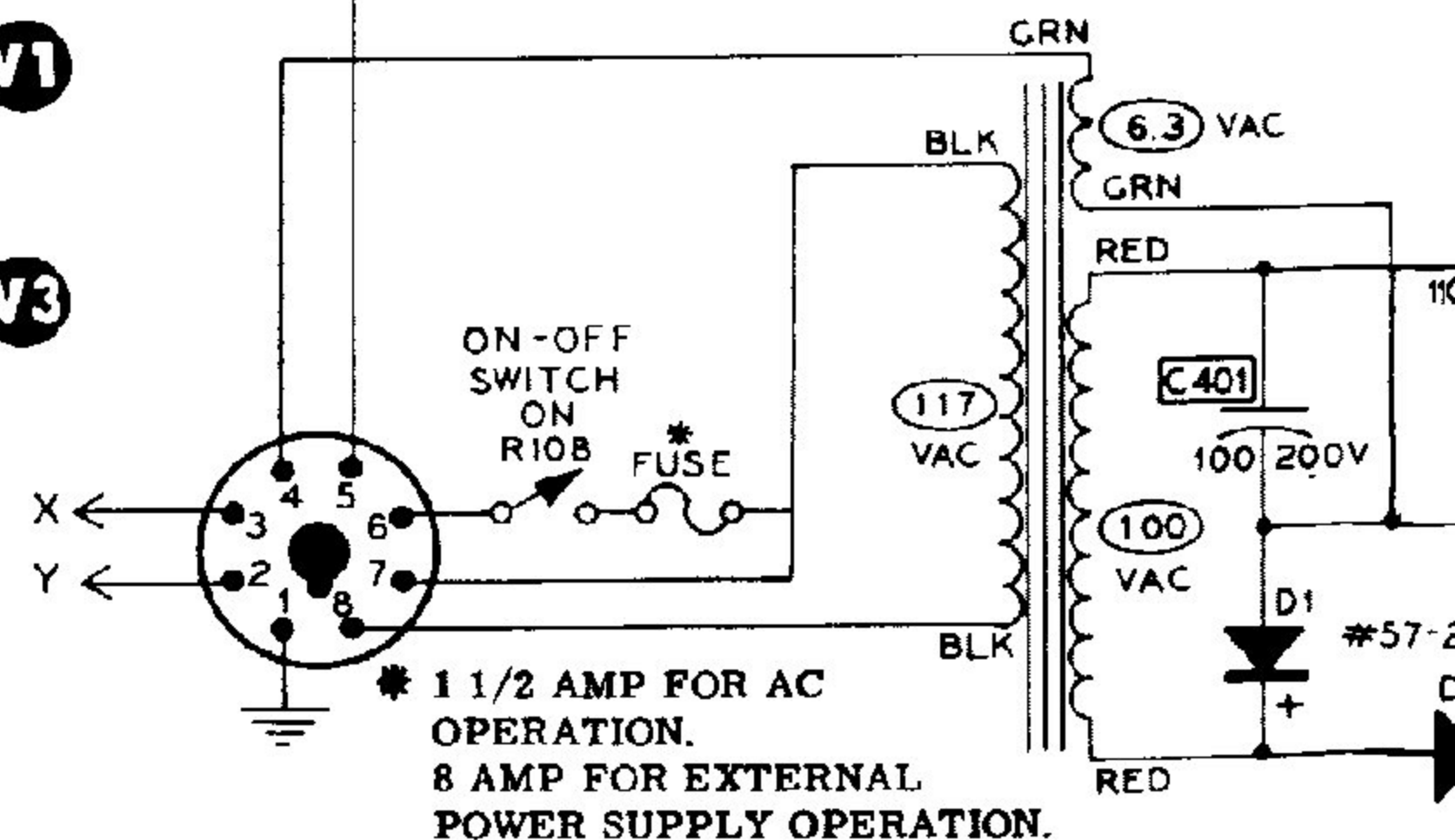
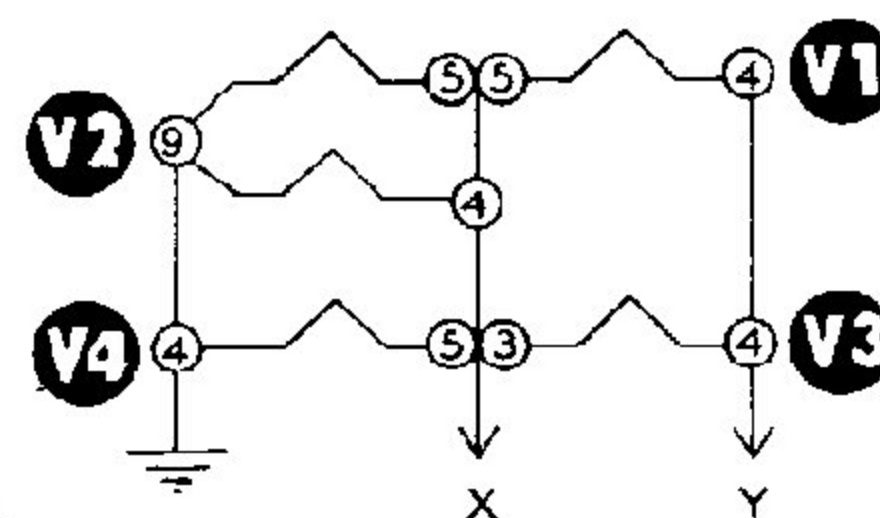
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117 VAC
POWER CORD

105-125 VAC
50/60 $\sim$

HE
10 METER
TRAN
MOD

