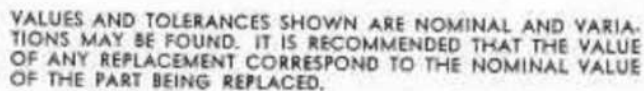
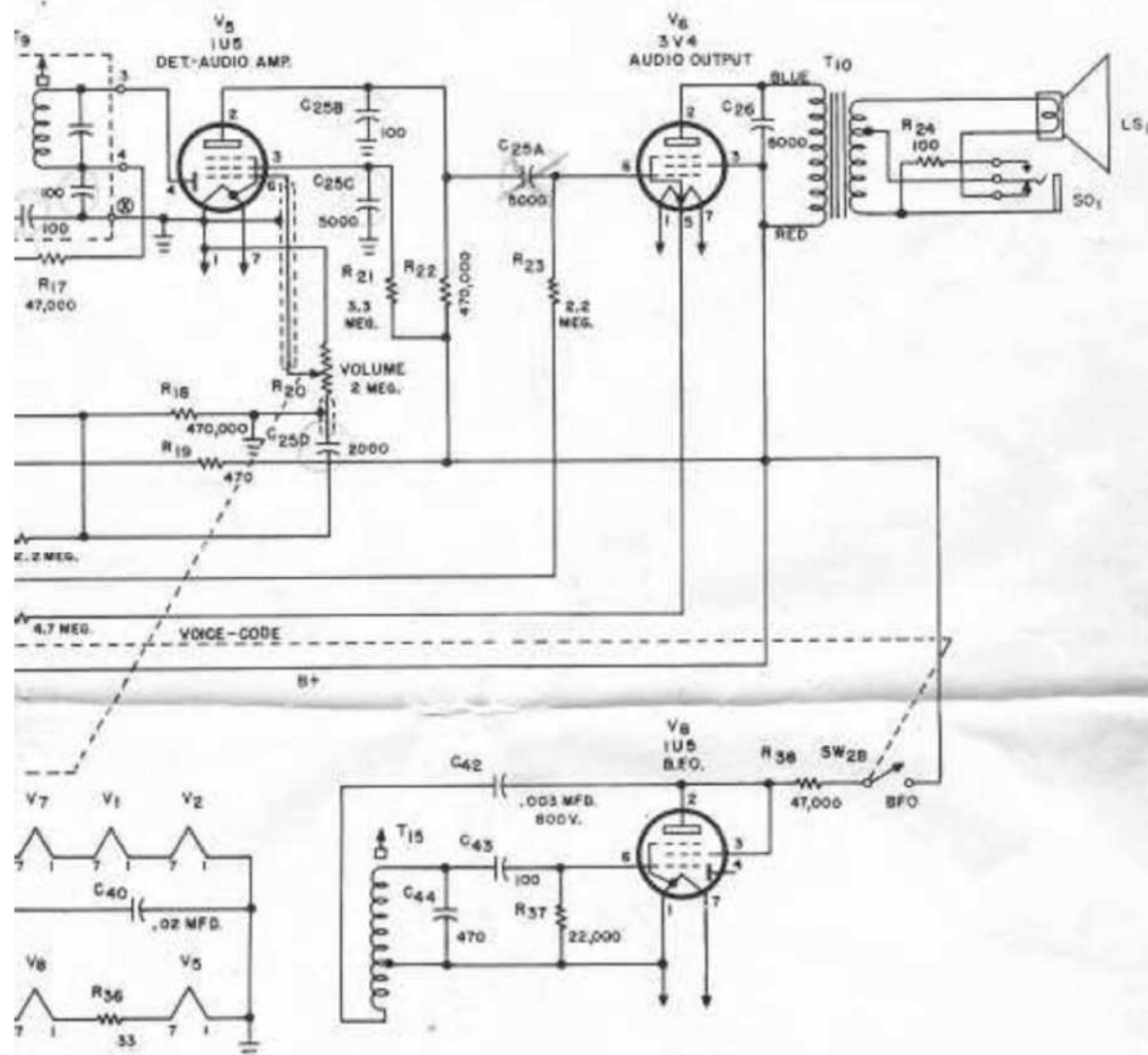


REPRESENTS TRANSFORMERS
T-1 TO T-7, T-11 TO T-14 & L-2



MODEL S-72

RUN 4



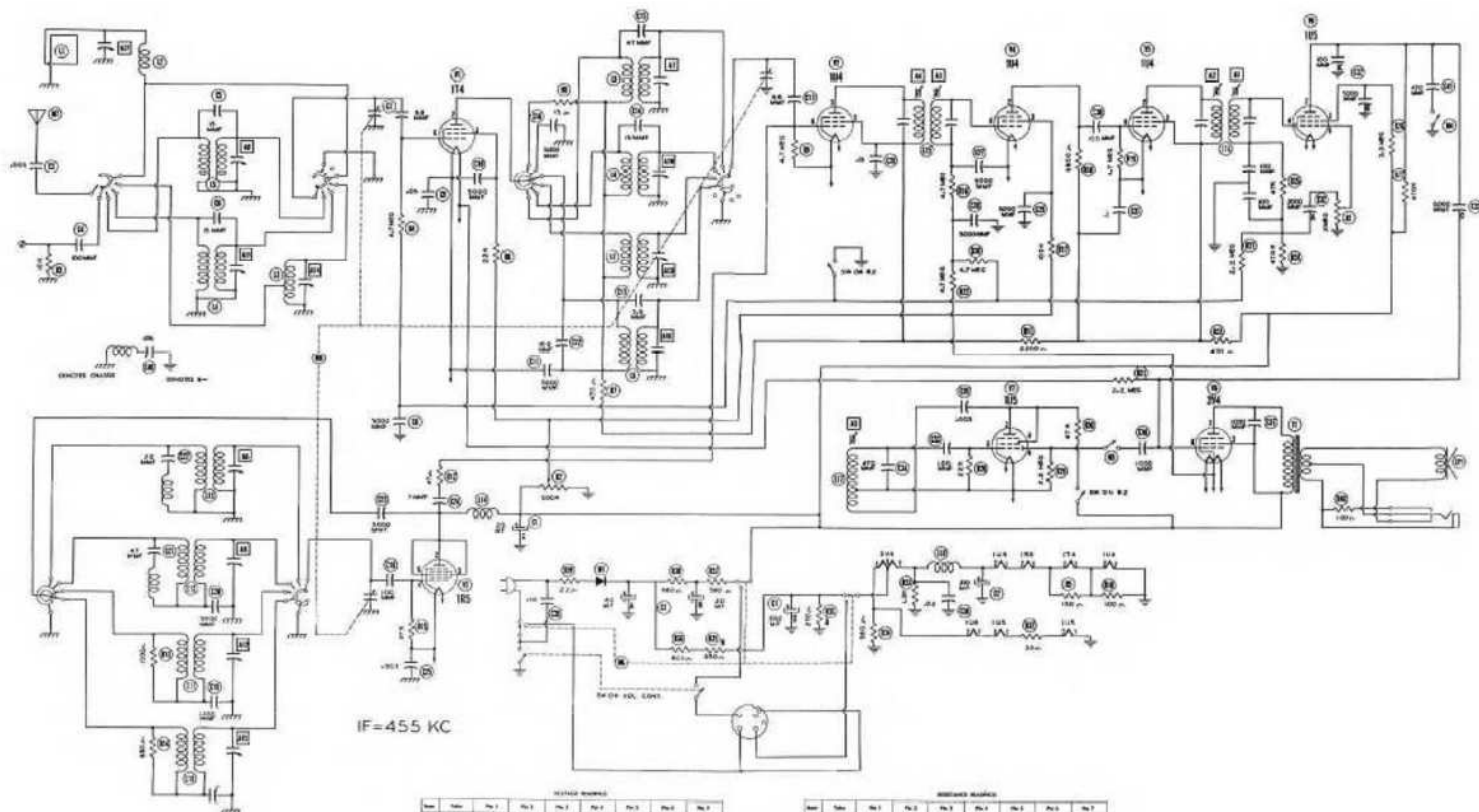
NOTES

1. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE SPECIFIED.
2. CAPACITOR VALUES ARE IN MMR. UNLESS OTHERWISE SPECIFIED.
3. BAND SELECTOR SWITCH SW₁ SHOWN IN BAND 1 POSITION (FULLY CLOCKWISE).
4. RESISTOR VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
5. OPERATION SWITCH (SW₂) SHOWN IN AC/DC POSITION. INSERTING AC POWER PLUG (PL₁) IN THE RECEPTACLE ON THE CHASSIS PLACES SWITCH SW₂ IN THE BATTERY POSITION.
6. SWITCH SW₂ GANGED WITH VOLUME CONTROL.
7. SEE FIG. 8 FOR LOCATION OF SWITCH SECTIONS OF SW₁.

LAST CAPACITOR SYMBOL C-47
LAST RESISTOR SYMBOL R-42

692510-1

FIG. 10 SCHEMATIC DIAGRAM



IF=455 KC

Pin	Tube	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
6X1	6X1	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X2	6X2	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X3	6X3	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X4	6X4	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X5	6X5	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X6	6X6	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X7	6X7	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X8	6X8	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X9	6X9	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X10	6X10	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V

ENTER WITH FACTOR AND VOLTAGE

Pin	Tube	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
6X1	6X1	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X2	6X2	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X3	6X3	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X4	6X4	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X5	6X5	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X6	6X6	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X7	6X7	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X8	6X8	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X9	6X9	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V
6X10	6X10	1.400V	0.400V	0.000V	0.000V	0.000V	0.000V

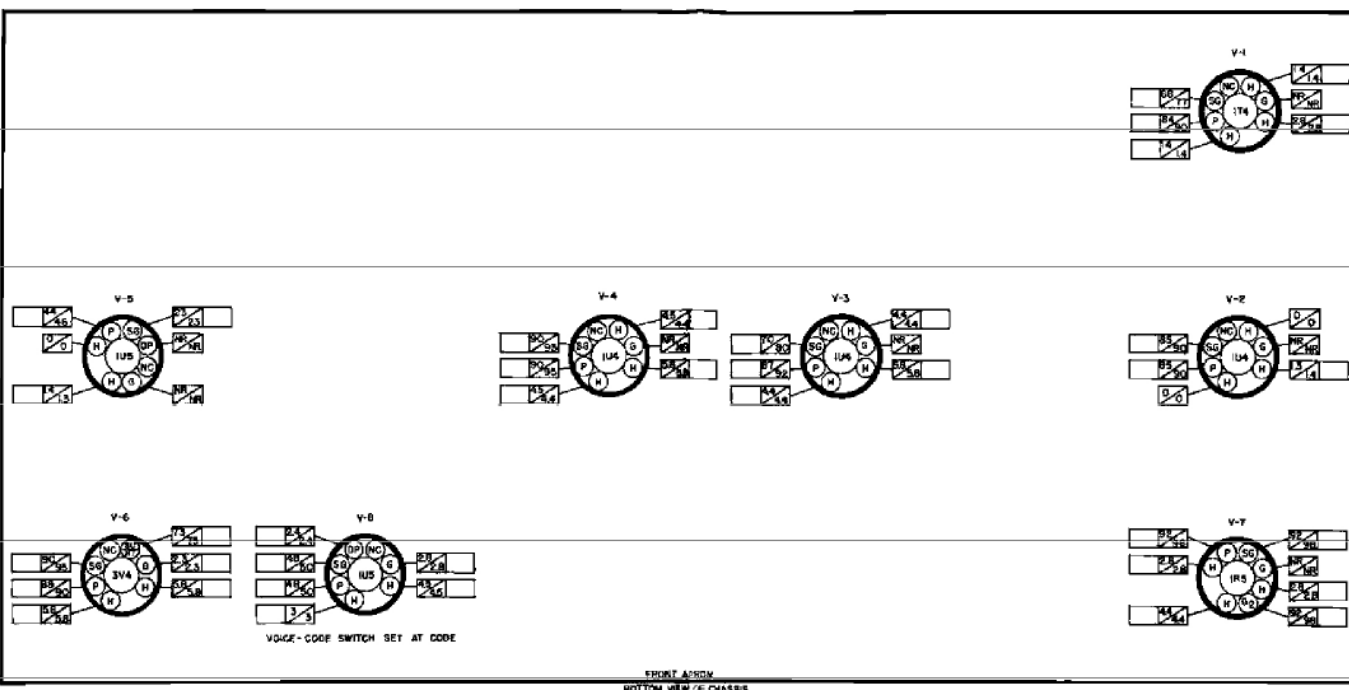
DO NOT USE CONVERTER TO MEASURE PLACING READINGS

IF YOU "CAN" MEASURE IN "TYPICAL" POSITION

THE COOPERATION OF THE MANUFACTURER OF THIS PRODUCT FROM HERE TO US

PROVIDE READS IS HELD TO BEING YOUR SERVICE

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of $\pm 10\%$ in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.



- NOTES -
1. SOCKET VIEWS ARE BOTTOM VIEWS
 2. ALL VOLTAGES ARE MEASURED BETWEEN TUBE SOCKET TERMINALS & B-, THE ELECTRICAL GROUND BUS (NOT CHASSIS) WITH ZERO SIGNAL INPUT
 3. LINE VOLTAGE - 117V AC. BATTERY VOLTAGES TAKEN WITH FRESH BATTERY PACK
 4. ALL VOLTAGES SHOWN ARE DC UNLESS OTHERWISE SPECIFIED
 5. DC VOLTAGES SHOWN WERE MEASURED WITH A VACUUM TUBE VOLTMETER
 6. "NC" - NO CONNECTION
 7. "NR" - NOT READABLE (READING GENERALLY MEANINGLESS)
 8. SPACE PROVIDED FOR SERVICE METER READINGS
 9. UPPER VOLTAGE READINGS IN INDICATOR SPACE SHOW BATTERY OPERATION
 10. VOLTAGES FOR TUBE V-6, ARE SHOWN WITH VOICE-CODE SWITCH IN CODE POSITION
 11. ALL READINGS TAKEN WITH LINE PLUG POLARIZED SO THAT GROUND BUS & CHASSIS ARE AT SAME POTENTIAL AS THE CHASSIS GROUND

920777-A

FIG. 9 TUBE SOCKET VOLTAGE CHART