



NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

- DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common ground.
- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance of component values makes possible a variation of $\pm 15\%$ in voltage and resistance readings.

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	ECC83	$\dagger 280K$	1meg	3300 Ω	2 Ω	0 Ω	$\dagger 270K$	10meg	0 Ω	4 Ω
V2	6AQ5A	270K	470 Ω	5 Ω	1.2 Ω	$\dagger 150 \Omega$	$\dagger 0 \Omega$	270K		
V3	6CX8	0 Ω	39K	$\dagger 33K$	1.2 Ω	2 Ω	0 Ω	10K	$\dagger .3K$	$\dagger 3100 \Omega$
V4	6BH6	0 Ω	220 Ω	0 Ω	3 Ω	$\dagger 10K$	$\dagger 33K$	220 Ω		
V5	6U8A	$\dagger 1000 \Omega$	0 Ω	$\dagger 33K$	3 Ω	6 Ω	$\dagger 10K$	1000 Ω	0 Ω	47K

ALL READINGS TAKEN IN "RECEIVE" POSITION UNLESS OTHERWISE DESIGNATED.
 - TAKEN IN "TRANSMIT" POSITION.
 \dagger MEASURED FROM PIN 6 OF POWER PLUG
 \ddagger MEASURED FROM PIN 3 OF POWER PLUG.
 TRANSISTOR RESISTANCE MEASUREMENTS NOT GIVEN BECAUSE OF THE WIDE VARIATION IN INTERNAL TRANSISTOR RESISTANCE.

