



RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	ECC83 12AX7	†60K	1.5meg	1200Ω	FIL	FIL	†340K	22K -1meg	2400Ω -0Ω	FIL
V2	7247	†63K	0Ω	1500Ω	FIL	FIL	†63K	220K 470K	1000Ω	FIL
V3	ECC83 12AX7	†345K	200K 470K	1100Ω	FIL	FIL	†345K	200K 470K	1100Ω	FIL
V4	6SN7GTB	†345K	†33K	18K	†1.3meg	†37K	18K	FIL	FIL	
V5	7591	TP	FIL	†120Ω	†1800Ω	10Ω	200K	FIL	†1800Ω	
V6	7591	TP	FIL	†130Ω	†1800Ω	10Ω	200K	FIL	†1800Ω	
V7	ECC83 12AX7	†60K	1.5meg	1200Ω	FIL	FIL	†340K	22K -1meg	2400Ω -0Ω	FIL
V8	7247	†63K	0Ω	1500Ω	FIL	FIL	†63K	220K 470K	1000Ω	FIL
V9	6SN7GTB	†345K	†33K	18K	†1.3meg	†37K	18K	FIL	FIL	
V10	7591	TP	FIL	†120Ω	†1800Ω	10Ω	200K	FIL	†1800Ω	
V11	7591	TP	FIL	†130Ω	†1800Ω	10Ω	200K	FIL	†1800Ω	
V12	GZ34 5AR4	NC	†	NC	24Ω	NC	33Ω	NC	†	

† THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
 ALL MEASUREMENTS MADE IN CHANNEL #1 "TAPE-AUX" POSITION WITH ALL FILTERS OFF UNLESS OTHERWISE DESIGNATED.
 • MEASURED IN "MX-AUX" POSITION.
 † MEASURED WITH "LO FILTER" ON.
 † MEASURED FROM PIN 8 OF V12.
 NC NO CONNECTION TP TIE POINT

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 ±15% in voltage and resistance readings.
- All controls at minimum, proper output load connected.

