

NOTE.

1. VOLTAGE AND RESISTANCE READINGS TAKEN WITH ALDOO GAIN AND SENSITIVITY CONTROLS AT MAXIMUM LIGHTER AND CRYSTAL SWITCHES OFF.
2. READINGS ON 6S1J7 TAKEN WITH SWITCH IN BFO POSITION.
3. READINGS ON 6SN7GT TAKEN SWITCH IN AVC POSITION.

VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Cap
1	6SS7	OV	OV	OV	OV	32VDC	107VDC	6.35VAC	182VDC	
2	6H6	OV	OV	200VDC	97VDC	OV	103VDC	6.35VAC	34VDC	OV
3	6SS7	OV	OV	6.8VDC	OV	6.8VDC	110VDC	6.35VAC	192VDC	
4	6SS7	OV	OV	4.6VDC	OV	6.8VDC	110VDC	6.35VAC	192VDC	
5	6SS7	OV	OV	3.7VDC	OV	3.7VDC	112VDC	6.35VAC	184VDC	
6	6H6	OV	6.35VAC	12VDC	OV	-3VDC	-3VDC	OV	-3VDC	
7	6SN7GT	OV	182VDC	3.6VDC	-4VDC	12VDC	OV	6.35VAC	OV	
8	6V6GT	OV	OV	275VDC	275VDC	OV	204VDC	6.35VAC	152VDC	
9	6S1J7	OV	OV	OV	-7.8VDC	OV	78VDC	6.35VAC	32VDC	
10	5U4G	204VDC	340VDC	204VDC	204VDC	OV	288VAC	204VDC	30VDC	
11	6C3-VR105	97VDC	OV	112VDC	112VDC	112VDC	2 BVDC	112VDC	112VDC	

RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Cap
1	6SS7	OV	OV	OV	2.8 MEG	120a	64Ka	25a	64Ka	
2	6H6	OV	OV	60Ka	64Ka	45Ka	64Ka	25a	220a	48Ka
3	6SS7	OV	OV	750a	2.1 MEG	750a	64Ka	25a	60Ka	
4	6SS7	OV	OV	300a	2.1 MEG	740a	64Ka	25a	60Ka	
5	6SS7	OV	OV	300a	1a	300a	195Ka	25a	60Ka	
6	6H6	OV	OV	50 Ka	OV	230Ka	23Ka	OV	230Ka	
7	6SN7GT	275 Ka	82 Ka	1Ka	115 Ka	265 Ka	OV	25a	OV	
8	6V6GT	OV	OV	OV	58 Ka	200 Ka	58 Ka	25a	360a	
9	6S1J7	OV	OV	OV	47 Ka	75a	68Ka	25a	168Ka	
10	5U4G	58 Ka	58 Ka	58 Ka	50a	INE	47a	58Ka	58Ka	
11	6C3-VR105	64 Ka	OV	62 Ka	62 Ka	62 Ka	90a	62Ka	62Ka	

RESISTANCE READINGS IN THE B+ CIRCUITS MAY VARY WIDELY ACCORDING TO THE CONDITION OF THE FILTER CAPACITORS

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1000 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 +10% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.