



1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common ground.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin
V1	ECC85	+3700Ω	1meg	200Ω	0Ω	.1Ω	+21K	1meg
V2	ECH81	+41K	2.3meg	0Ω	.1Ω	0Ω	+2500Ω	0Ω +47K
V3	EF89	0Ω	1meg	0Ω	0Ω	.1Ω	0Ω	+250Ω
V4	EABC80	INF	33K	INF	.1Ω	0Ω	220K	0Ω
V5	EL84	NC	780K	180Ω	0Ω	.1Ω	NC	+450Ω
V6	EM84	33K +800K	NC	0Ω	0Ω	.1Ω	+1500Ω	+470Ω

ALL MEASUREMENTS TAKEN IN "FM" POSITION UNLESS OTHERWISE DESIGNATED.  
 ▲ MEASURED IN "AM" POSITION.  
 † MEASURED FROM OUTPUT OF M1.

A PHOTOFAC STANDARD NOTATION SCHEMATIC  
 with **CIRCUITRACE**  
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