



RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6DC6	2.7 meg	68 Ω	FIL	FIL	†4800 Ω	†32K	27K	68 Ω	
V2	6BE6	47K	1 Ω	FIL	FIL	†48K	†83K	0 Ω		
V3	12BA6	2 meg	0 Ω	FIL	FIL	†3200 Ω	†30K	68 Ω		
V4	6AZ8	†3200 Ω	†4800 Ω	150 Ω	FIL	FIL	3 meg	0 Ω	†157K	2.2 meg
V5	6BN8	450K	1.5 meg	0 Ω	FIL	FIL	2.5 meg	†470K	10.7 meg	†12.4 meg
V6	12AQ5	470K	330 Ω	FIL	FIL	†399 Ω	†1000 Ω	470K		
V7	6AW8A	0 Ω	47K	†17K	FIL	FIL	0 Ω	80K	†8500 Ω	†410 Ω

- ALL VOLTAGES TAKEN IN "RECEIVE" POSITION UNLESS OTHERWISE DESIGNATED.
- † MEASURED FROM OUTPUT OF X1. † MEASURED FROM OUTPUT OF X3.
- ▲ MEASURED IN TRANSMIT POSITION.
- SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION
- DC voltage measurements taken with vacuum tube voltmeter.
  - Socket connections shown as bottom views.
  - Measured values are from socket pin to common ground.
  - Battery voltage maintained at 12.6 volts for voltage readings.
  - Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
  - Volume control at maximum, no signal applied for voltage measurements.

A PHOTOFAC STANDARD NOTATION SCHEMATIC  
© Howard W. Sams & Co., Inc. 1962

