



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    | 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  
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