

# Emerson Radio

MODEL: 659B

CHASSIS MODEL: 120126-B

## INSTRUCTIONS FOR VOLTAGE AND RESISTANCE READINGS

1. Voltages readings are in d.c. volts and resistance reading in ohms, unless otherwise specified.
2. D.c. voltage measurements are made at 20,000 ohms-per-volt and a.c. voltages are measured at 1000 ohms-per-volt.
3. Socket connections are shown as bottom views. Values are measured from socket pin to common negative.
4. Line voltage maintained at 115 volts a.c. for voltage readings.
5. Nominal tolerance on component values makes possible a variation of  $\pm 15\%$  in readings.
6. Volume control at maximum, with no signal applied and bandswitch in broadcast position (unless otherwise noted), for voltage measurements.

### VOLTAGE READINGS (CHASSIS 120126-B)

SYMBOL	TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
V-1	6BJ6	0	.6*	35 AC	41 AC	78*	78*	0	—	—
V-2	12AT7	86*	-2.8*	0	53 AC	41 AC	80*	0	1.7*	NC
V-3	6BJ6	-.4	.8	35 AC	30 AC	100	100	0	—	—
V-4	12BE6	-7.6	0	53 AC	.64 AC	100	100	-.4	—	—
V-5	6BJ6	0	.7*	30 AC	24 AC	86*	86*	0	—	—
V-6	6BH6	-.3	0	24 AC	18 AC	50*	50*	0	—	—
V-7	19T8	-.5*	-.6*	-.1*	0	18 AC	-.5	0	-.5	40
V-8	50L6	NC	115 AC	110	105	0	NC	64 AC	7.2	—

### RESISTANCE READINGS (CHASSIS 120126-B)

SYMBOL	TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
V-1	6BJ6	0	68	42	50	200K*	200K*	0	—	—
V-2	12AT7	200K*	10K	0	62	50	200K*	0	2200	NC
V-3	6BJ6	3.2 meg.	82	42	35	200K*	200K*	0	—	—
V-4	12BE6	22K	.5	62	75	200K	200K	2.7 meg.	—	—
V-5	6BJ6	.6	82	35	28	200K*	200K*	0	—	—
V-6	6BH6	100K	0	28	20	200K*	200K*	0	—	—
V-7	19T8	100K	100K	175K*	0	20	500K	0	4.7 meg.	500K
V-8	50L6	NC	130	200K	200K	470K	NC	75	150	—

N.C. Denotes "No Connection."

\*Denotes Bandswitch in FM Position Only.

