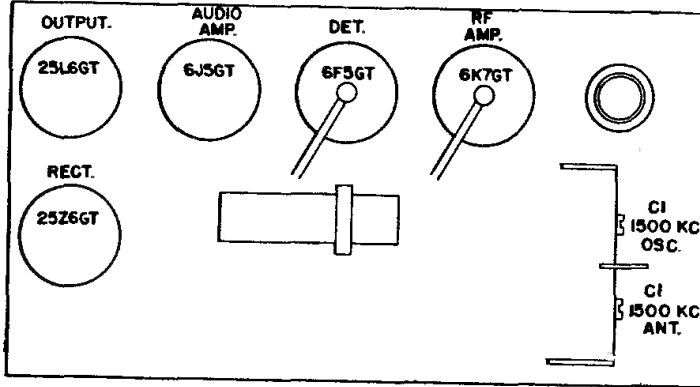
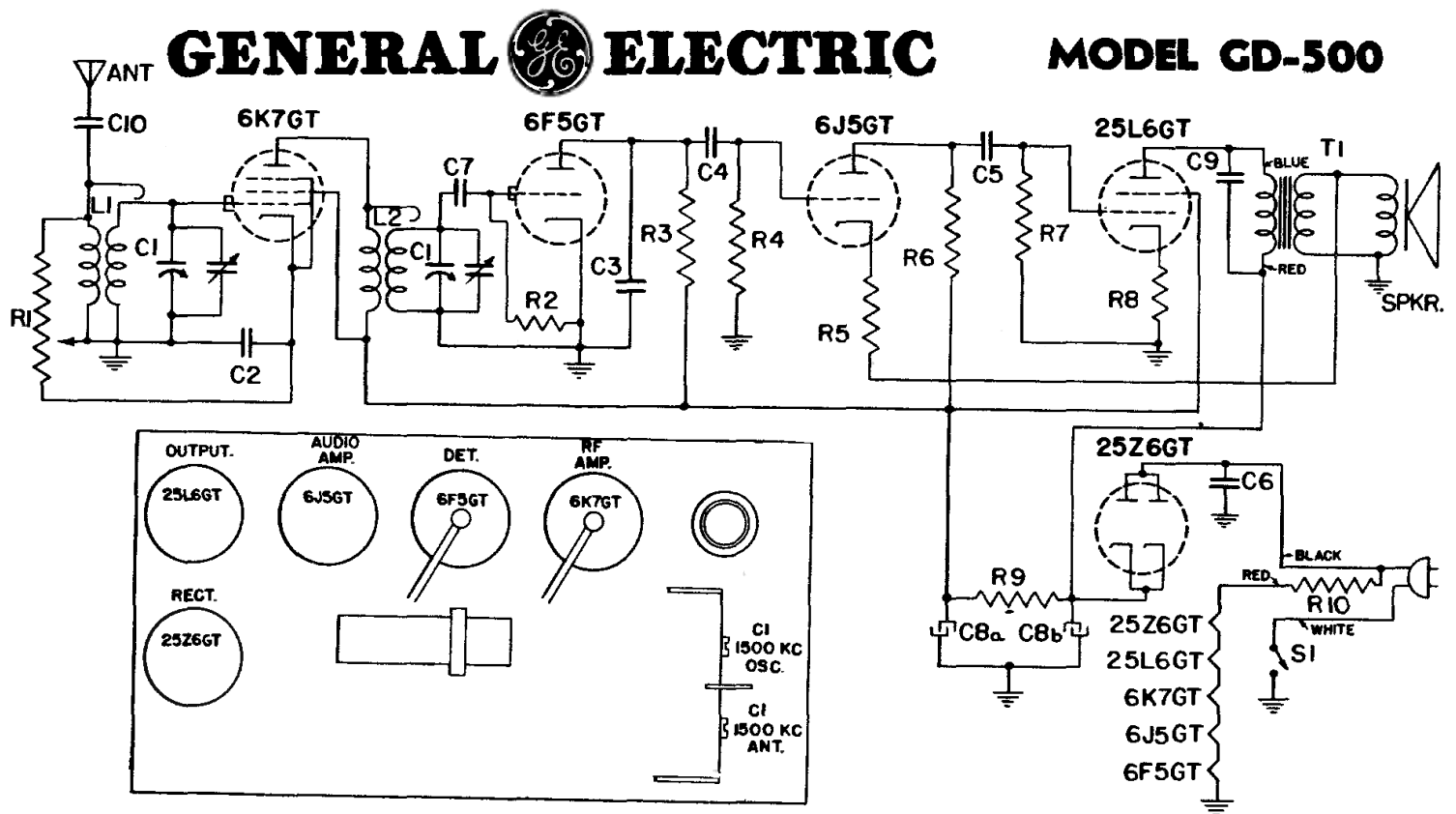


GENERAL ELECTRIC

MODEL GD-500



Symbol	Description	Symbol	Description	Symbol	Description
C-1	Tuning Condenser	C-9	.02 mfd., Paper Capacitor	R-7	470,000 ohm, Carbon Resistor
C-2	.05 mfd., Paper Capacitor	C-10	.002 mfd., Paper Capacitor	R-8	150 ohm, Carbon Resistor
C-3	.001 mfd., Paper Capacitor	R-1	30,000 ohm, Volume Control	R-9	4,700 ohm, Carbon Resistor
C-4, -5	.005 mfd., Paper Capacitor	R-2	15 megohm, Carbon Resistor	R-10	162 ohm, Power Cord Resistor
C-6, -7	.01 mfd., Paper Capacitor	R-3, -4	470,000 ohm, Carbon Resistor	L-1	Antenna Coil
C-8a	15 mfd., Dry Electrolytic	R-5	3,300 ohm, Carbon Resistor	L-2	RF Coil
C-8b	30 mfd., Dry Electrolytic	R-6	100,000 ohm, Carbon Resistor	T-1	Output Transformer

VOLTAGE CHART

Tube No.	6K7GT	6J5GT	6F5GT	25L6GT	25Z6GT
Plate to -B Volts	88	30 *	35 *	132	120. AC
Screen to -B Volts	88	88
Cathode to -B Volts	0	1.3	0	5.5	140
Filament Volts	6.4	6.3	6.2	25.0	25.0

Voltage measured when volume control is set to maximum.
Line Voltage—120 AC. No signal input.

* Measured on 500-volt scale.

On DC, voltages should read approximately 10% lower.

ALIGNMENT

Connect the high side of the signal generator through a 250 mmf. condenser to the antenna lead. The low side of the signal generator output should be connected to the receiver chassis through a .05 mfd. condenser. Connect a suitable output meter across the voice coil leads; then proceed as follows:

1. With gang condenser plates completely closed, the tuning mark should be over the last mark on the dial.

2. Tune receiver to the 1500 KC point on the dial; then align trimmers on the gang condenser at 1500 KC for a maximum output meter reading.

Precaution—One side of the power supply is connected to the chassis. Do not connect chassis to any external ground.

Electrical Power Output

Undistorted.....	1.4 watts
Maximum.....	2.0 watts

Loudspeaker—Permanent Magnet

Outside Cone Diameter.....	4½ inches
Voice Coil Impedance (400 cycles).....	3.5 ohms

