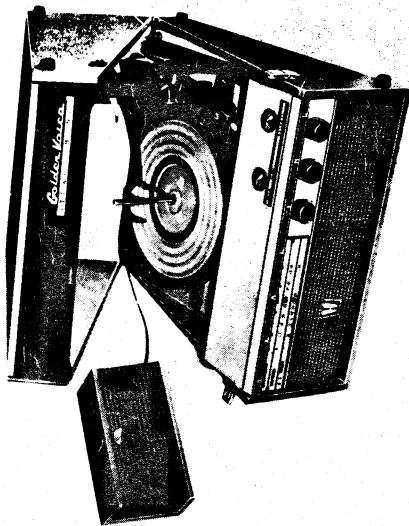


# Service Data for the Healing Receiver

## MODEL 600S



**POWER SUPPLY:** 240 - 250 Volts AC 50 cps.  
**POWER CONSUMPTION:** 60 watts W/gram  
**FREQUENCY RANGE:** 530 - 1620 Kc/s.  
**SPEAKER TRANSFORMER IMPEDANCE:** 7000 ohms.

### D.C. RESISTANCE OF INDUCTORS

Inductor	Type	Primary Ohms	Sec. Ohms
Aerial	RJ162	4	2
OSC.	RJ164	18	18
1st I.F.	RJ163	18	18
2nd I.F.			

### TYPICAL WORKING VOLTAGES

Measurements taken with respect to chassis using an AVO Model 8 20,000 ohm/volt meter. No signal input, 240V A.C. mains input

Valve	Use	Heater	Cathode	Screen	Plate
6BE6	Converter	6.3	0	68	207
6N8	I.F. Amp. & Det.	6.3	0	68	207
1/2 12AX7	1st A.F. Amp.	6.3	1.1	—	107
6M5	2nd A.F. Amp.	6.3	0	207	230
1/2 12AX7	1st A.F. Amp.	6.3	1.1	—	107
6M5	2nd A.F. Amp.	6.3	0	207	230

250 Volts DC Input to Filter  
 Bias Voltage across R16 1.7 volts.  
 Bias Voltage across R17 4.5 volts.

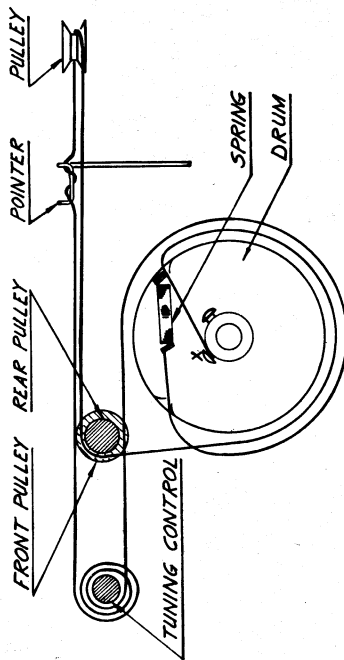
### HEALING MODEL 600S

#### TYPICAL VALVE CURRENTS Milliamps

Valve	Use	Cathode	Screen	Plate	Osc. Grid
6BE6	Converter	7.5	6.1	1	.4
6N8	I.F. Amp. & Det.	4.4	1	3.4	
1/2 12AX7	1st A.F. Amp.	.3	—	.3	
6M5	2nd A.F. Amp.	27	3.0	24	
1/2 12AX7	1st A.F. Amp.	.3	—	.3	
6M5	2nd A.F. Amp.	27	3.0	24	

Total H.T. Current 66 mA

### DIAL STRINGING



- NOTE:**
1. Gang full out; set drum at position shown. Commence Dial Stringing at position X.
  2. Cord section A and B to be at rear of drum and tuning control respectively.

### ALIGNMENT

Use standard procedure. Trimmers are mounted on tuning condenser. Oscillator trimmer is mounted nearest to the panel. The oscillator coil is under the chassis near the front panel.

1. Adjust core in oscillator coil to set stations near low frequency end of dial and oscillator trimmer to set stations near high frequency end.
2. With generator loosely coupled to aerial lead, adjust aerial trimmer at 1,400 Kcs. and slide coil along ferrite rod at 600 Kcs. for maximum signal.

### CHASSIS REMOVAL

The chassis may be withdrawn after the removal of four gold plated screws and two knobs. These screws are located one on each side and two on the base of the cabinet. The speaker baffle, front panel and chassis are now removable as a complete unit. The four chassis mounting screws are No. 8 x 3/8" long. The two knobs are the Gram/Radio knob and the balance knob located on the top of the chassis compartment.

