

Service Data for the Healing Receiver

MODEL 400E

Power Supply—200-250 volts A.C., 50 cycles.

Frequency Range—550-1,600 kilocycles.

Intermediate Frequency—455 kilocycles.

Speaker Field—2,000 ohms.

Speaker Transformer Impedance—7,000 ohms.

Dial Light—6 volt .3 or .5 amp.

Typical Voltages (measured to chassis)—

		A.C.	1,000 ohms per volt D.C. meter scales			
Valve	Use	Filament	50 V. Cathode	250 V. Screen	250 V. Plate	250 V. Osc. Plate
EK2G . .	Osc. Mod.	5.75	2-V.C. full on 25-V.C. full off	55-V.C. full on 85-V.C. full off	230	170-V.C. on
EBF2G . .	I.F., Det.	5.75	2-V.C. full on 25-V.C. full off	100-V.C. full on 150-V.C. full off	230	
EL3NG . .	A.F.	5.75	5	230	215	
5Y3G . .	Rectifier	4.75				

Voltage Across Speaker Field—85 volts.

Voltage measurements taken with aerial disconnected and no signal input. Volume control full on except where indicated.

Dial Alignment—The drum carrying the indicator line should never be adjusted unless absolutely essential. If this operation is necessary, the condenser gang plates should be fully meshed and the indicator line on the drum set to a horizontal position. No adjustments to coil or I.F. inductances should be attempted, as these will remain fixed for an almost indefinite period. The oscillator trimmer is mounted on the back section of the condenser gang in order to facilitate slight adjustments to the station readings at the high frequency end of the band.

