

# Service Data for the Healing Receivers

## MODELS 599A and 559A

Power Supply—6 volt Accumulator.

Frequency Range—550-1,620 kilocycles, 7,890-24,000 kilocycles.

Intermediate Frequency—455 kilocycles.

Speaker Transformer Impedance—15,000 ohms.

Dial Lights—6 volts .1 amp.

Battery Current—1 amp without dial light.

Typical Valve Voltages—

		1,000 ohms per volt D.C. meter scales			
		10 V.	250 V.	250 V.	250 V.
Valve	Use	Filament	Screen	Plate	Osc. Plate
1C6 . . . . .	Osc. Mod.	2	50	150	{ 50—B.C. { 90—S.W.
1C4 . . . . .	1st I.F.	2	45-50	150	
1C4 . . . . .	2nd I.F.	2	45-50	150	
1K6 . . . . .	Det. A.V.C., 1st A.F.	2		65	
1D4 . . . . .	2nd A.F.	2	150	145	

The above voltages are for the 599A. The 559A is the same, except that the 1C4 screens are approximately 5 volts higher.

Voltage measurements taken with aerial disconnected and no signal input.

See pages 153 and 117 for alignment procedure.

**Trimmers.**—The aerial trimmers are nearest the back of the chassis on Model 599A and near the front on the 559A. In some cases, the broadcast aerial trimmer is omitted. It is always possible to identify the short-wave trimmers by their connection to the enamelled wire leads on the short-wave coils.

