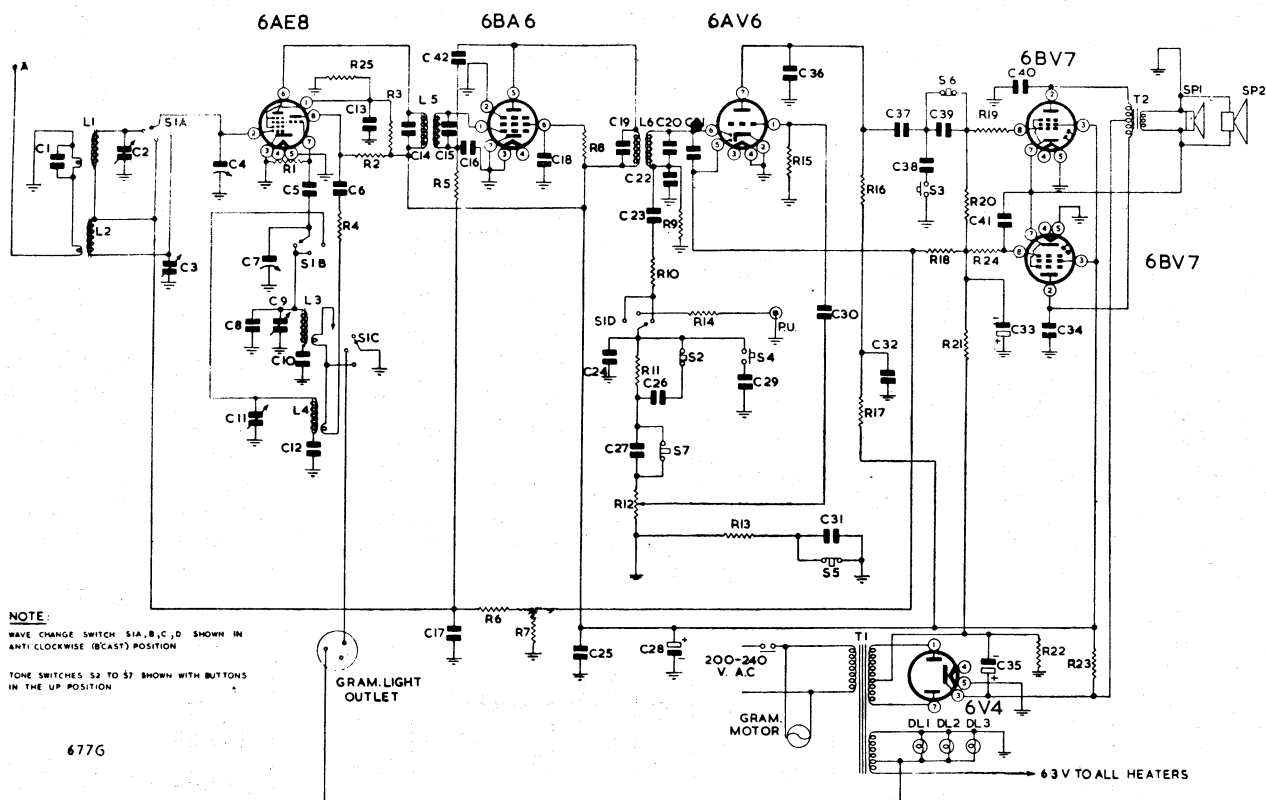


HEALING

MODEL 677 G



COMPONENTS LIST

Part No.	DESCRIPTION	Part No.	DESCRIPTION
C1, C5, C21, C36	100 pf Mica Condenser	R4, R21	470 ohm 1/2 W Carbon Resistor
C2, C3, C9, C11	3-30 pf Trimmer Condenser	R5, R8, R11, R14, R17	100K ohm 1/2 W Resistor
C4, C7	12-450 pf Variable Condenser	R6, R7	1 megohm 1/2 W Resistor
C6, C13, C18, C25	0.047 mfd 400V Paper Condenser	R9, R16	220K ohm 1/2 W Resistor
C8	10 pf Ceramic Condenser, N750	R10, R19, R24	47K ohm 1/2 W Resistor
C10	430 pf 2 1/2 % Silver Mica Condenser	R12	500K ohm Potentiometer Tapped 100K ohm, Part No. RL764
C12	0.0047 mfd 10 % Mica Condenser	R13	33K ohm 1/2 W Resistor
C14, C15, C19, C20	70 pf 2 1/2 % Mica Condenser	R15	10 megohm 1/2 W Resistor
C16, C30, C31	0.01 mfd 200V Paper Condenser	R18	2.2 megohm 1/2 W Resistor
C17	0.047 mfd 200V Paper Condenser	R20	470K ohm 1/2 W Resistor
C22, C24	220 pfd Mica Condenser	R22	68 ohm 1W Resistor
C23	0.022 mfd 200V Paper Condenser	R23	2,200 ohm 2W Resistor
C26	0.0047 mfd 200V Paper Condenser	L1	Aerial Coil (B'cast) Part No. RJ121
C27, C29	0.001 mfd 200V Paper Condenser	L2	Aerial Coil (S.W.) Part No. RJ122
C28	16 mfd 350 PV Electrolytic Condenser	L3	Oscillator Coil (B'cast) Part No. RJ87
C32	0.1 mfd 400V Paper Condenser	L4	Oscillator Coil (S.W.) Part No. RJ123
C33	100 mfd 12 PV Electrolytic Condenser	L5, L6	I.F. Transformer (455 Kc/s) Part No. RJ103
C34, C40	0.0022 mfd 600V Paper Condenser	SP1	Speaker, Rola Type 8M
C35	24 mfd 525 PV Electrolytic Condenser	SP2	Speaker, Rola Type 5CX
C37	0.022 mfd 600V Paper Condenser	S1A, B, C, D	Wave Change Switch Part No. RL765, Oak No. AK35592
C38, C39	0.001 mfd 600V Paper Condenser	S2, 3, 4, 5, 6, 7	S.P.S.T. Slide Switch, Oak Type 75
C41	470 pf 400V Mica Condenser	T1	Power Transformer 240-0-240, 6.3 Tapped 4.5 Part No. RK47
C42	6.8 pf Ceramic Condenser	T2	Speaker Transformer, Rola Type KOL.43
R1	22K ohm 1/2 W Resistor	DL1, 2, 3	Dial Lamp 6.3V, 0.3 amp.
R2, R3, R25	33K ohm 1W Resistor		

Service Data for the Healing Receiver

MODEL 677 G

Power Supply: 200-240 Volts A.C., 50 Cycles.

Power Consumption: 62 Watts.

Intermediate Frequency: 455 Kc/s.

Frequency Range: 540-1630 Kc/s.

Speaker Transformer Impedance: 10,000 ohms.

Dial Lights: 6.3 Volts, 0.3 amp.

D.C. Resistance of R.F. Coils			
Coil	Type	Primary Ohms	Secondary Ohms
Aerial (BC)	RJ121	3.4	0.4
Aerial (SW)	RJ122	Negligible	Resistance
Osc. (BC)	RJ87	0.1	1.9
Osc. (SW)	RJ123	Negligible	Resistance
1st I.F.	RJ103	18.5	18.5
2nd I.F.	RJ103	18.5	18.5

Typical Working Voltages.

D.C. Voltage measured to chassis, no signal input.
Bias across R22 = 4.30 Volts.

Valve	Use	1000 Ohms per Volt D.C. Meter Scales				
		10V	50V		250V	500V
		Heater	Cathode	Screen	Plate	Osc. Plate
6AE8	Conv.	6.3	0	57	174	83
6BA6	I.F.	6.3	0	58	195	
6AV6	Det. A.V.C. 1st A.F.	6.3	0	0	63	
6BV7	Push Pull	6.3	0	195	243	
6BV7		A.F.	6.3	0	195	243
6V4	Rect.	6.3	Voltage Output from Rectifier 250V.			

Typical Currents Milliamps.

Valve	Use	Cathode	Screen	Plate	Osc. Plate	Osc. Grid
6AE8	Conv.	8.4	3.0	1.6	4.0	0.2
6BA6	I.F.	4.9	1.5	3.4		
6AV6	Det. A.V.C. 1st A.F.	0.4				
6BV7	Push Pull	26.7	3.7	23		
6BV7		A.F.	26.7	3.7	23	
6V4	Rect.	Total H.T. Current 67 m/a.				

Position of Trimmers: B.C. Osc., located through hole in back of chassis.
S.W. Osc., near wave change switch, second from end.
S.W. Aerial, near wave change switch, first from end.
B.C. Aerial, located at end of chassis.

