

HEALING

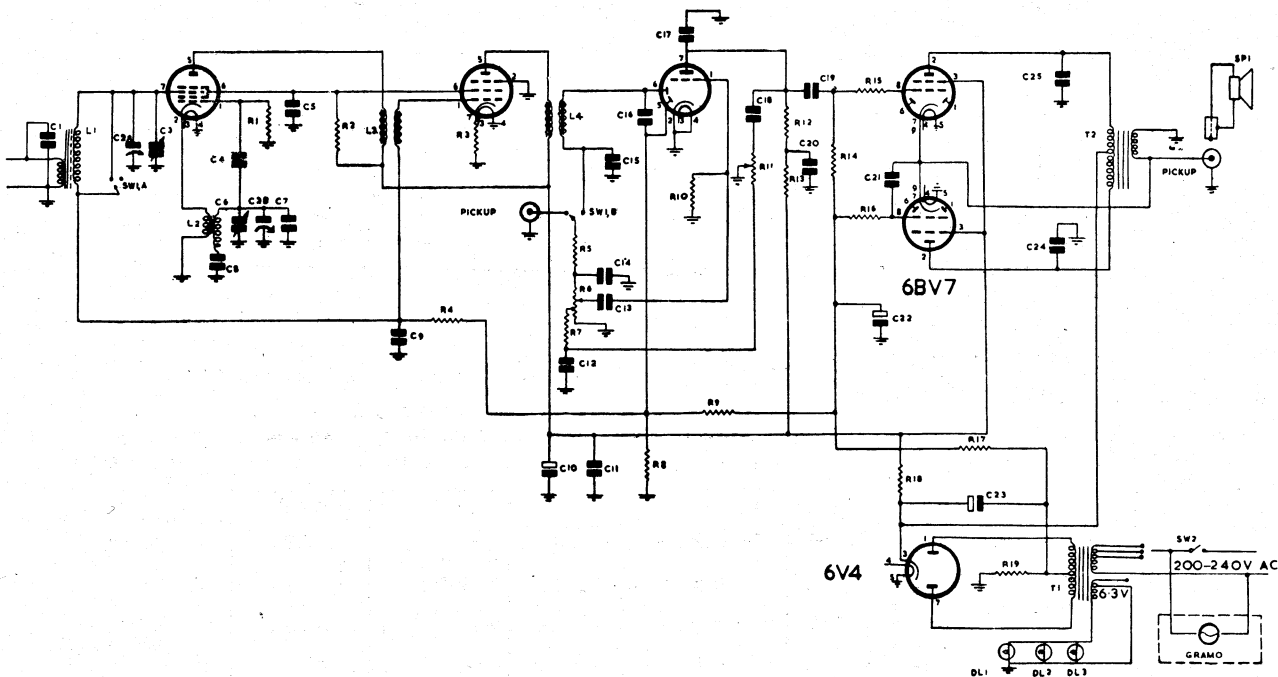
MODEL 625 G

6BE6

6BA6

6AV6

6BV7



COMPONENTS LIST

Part No.	DESCRIPTION	Part No.	DESCRIPTION
C1, C4, C16, C17	100 pf 400 Volt Mica Condenser.	R5, R13	100,000 ohms ½ Watt Carbon Resistor.
C2A, B	2 Gang Capacitor No. 18223	R6	500,000 ohm Potentiometer. Tapped 100,000 ohm RL.764/1
C3, C6	Trimmer Capacitor	R9	2.2 megohm ½ Watt Carbon Resistor.
C5, C11	0.047 mfd 400V Paper Capacitor	R10	10 megohm ½ Watt Carbon Resistor.
C7	15 pf Capacitor Ceramicon N750	R11	1 megohm Potentiometer with Switch RL.796/1
C8	430 pf 400V Mica Capacitor 2½% Tol.	R12	220,000 ohm ½ Watt Carbon Resistor.
C9,	0.047 200V Paper Capacitor	R14	470,000 ohm ½ Watt Carbon Resistor.
C10	16 mfd 350 PV Electrolytic Capacitor upright	R15, R16	47,000 ohm ½ Watt Carbon Resistor.
C12	0.033 mfd 200V Paper Capacitor	R17	470 ohm ½W Carbon Resistor
C13	0.01 mfd 200V Paper Capacitor	R18	2,200 ohm 2W Carbon Resistor
C14, C15	220 pf 400V Mica Capacitor	R19	68 ohm 1W W.W. Resistor
C18	0.0047 mfd 400V Paper Capacitor	R7	15,000 ohm ½ Watt Carbon Resistor.
C19	0.022 mfd 600V Paper Capacitor	L1	Aerial Coil, Type RJ121
C20	0.1 mfd 400V Paper Capacitor	L2	Oscillator Coil, B.C. RJ86
C21	470 pf 400V Mica Capacitor	L3, L4	I.F. Transformer, Type RJ103
C22	100 mfd 12 PV Electrolytic Capacitor Pigtail	T1	Power Transformer, Type RK47 Primary: 0-200-230-240 Volts, 50 Cycles Secondary: 240-0-240 @ 80 m/a, 6.3V Tapped at 4.5V @ 2.5 amp.
C23	24 mfd 525 PV Electrolytic Capacitor upright	T2	Speaker Transformer, Type Kol. 53
C24, C25	0.0022 mfd 600V Paper Capacitor	SP1	Rola Speaker, Type 12K
R1	22,000 ohms ½ Watt Carbon Resistor.	SW1, A, B	Gramo Radio Switch
R2	Two 27,000 ohm 1W Carbon Resistor (parallel)	SW2	On-Off Tone Switch
R3	330 ohm ½W Carbon Resistor	DL1, DL2, DL3	Dial Lamp 6.3V .03 amp.
R4, R8	1 megohm ½ Watt Carbon Resistor.		

Service Data for the Healing Receiver

MODEL 625G

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

Power Consumption: 54 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
Osc. (BC)	RJ87	.1	1.9
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 R19 = 4.30 Volts.

Valve	Use	1000 Ohms per Volt D.C. Meter Scale			
		10V Heater	50V Cathode	250V Screen	250V Plate
6BE6	Conv.	6.3	0	85	203
6BA6	I.F.	6.3	1.8	85	205
6AV6	Det. A.V.C. 1st A.F.	6.3	0	0	63
6BV7	Push Pull A.F.	6.3	0	205	250
6BV7		6.3	0	205	250
6V4	Rect.	6.3	Voltage Output from Rectifier 250V		

Typical Valve Currents

Milliamps

Valve	Use	Cathode	Screen	Plate	Osc. Grid
6BE6	Conv.	10.0	8.25	1.25	0.56
6BA6	I.F.	4.5	1.4	3.2	
6AV6	Det. A.V.C. 1st A.F.	0.4	0	0.4	
6BV7	Push Pull A.F.	27.0	4.0	23	
6BV7		27.0	4.0	23	
6V4	Rect.	Total H.T. Current 69.0 m/a.			

Position of Trimmers: B.C. Aerial, located at end of chassis.

B.C. Osc., located through hole at back of chassis.

