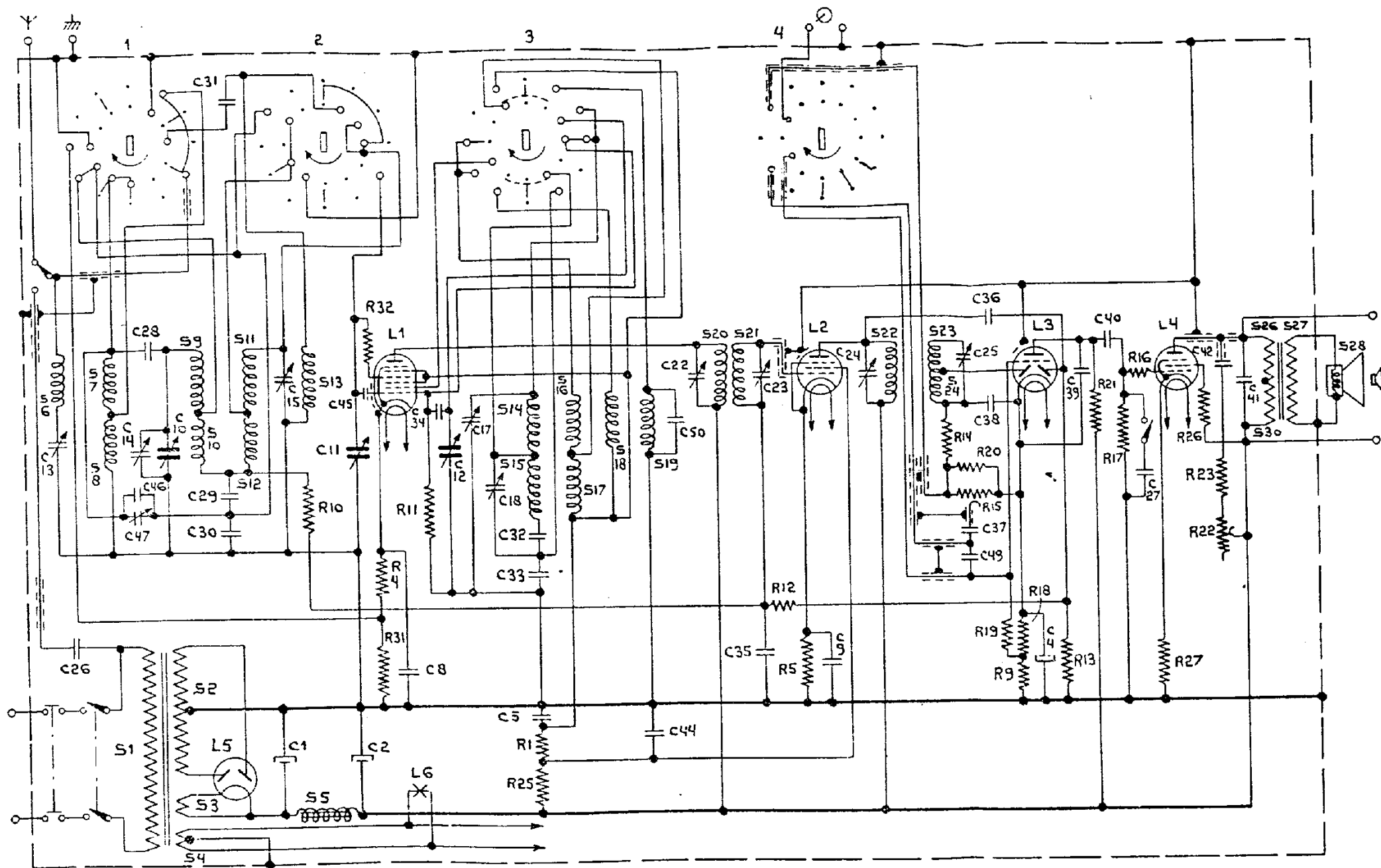


# Philips 748 A



RESISTANCES.			
Designation.	Value.		Code No.
R1	2 × 1 Watt	40000/2 Ohm	28.771.060
R4	0.25 Watt	250 Ohm	28.773.640
R5	0.25 Watt	250 Ohm	28.773.640
R9	0.25 Watt	3200 Ohm	28.773.750
R10	0.25 Watt	0.1 M. Ohm	28.773.900
R11	0.25 Watt	50000 Ohm	28.773.870
R12	0.5 Watt	1 M. Ohm	28.770.550
R13	0.25 Watt	0.5 M. Ohm	28.773.970
R14	0.25 Watt	0.25 M. Ohm	28.773.940
R15		0.5 M. Ohm	28.811.261
R16	0.25 Watt	40000 Ohm	28.773.860
R17	0.5 Watt	1 M. Ohm	28.770.550
R18	0.25 Watt	3200 Ohm	28.773.750
R19	0.5 Watt	1.6 M. Ohm	28.770.570
R20	0.25 Watt	0.5 M. Ohm	28.773.970
R21	0.25 Watt	0.2 M. Ohm	28.773.930
R22		50000 Ohm	28.811.021
R23	0.5 Watt	100 Ohm	28.770.150
R25	2 × 1 Watt	16000 Ohm	28.771.020
R26	0.25 Watt	32 Ohm	28.773.550
R27	0.5 Watt	160 Ohm	28.770.170
R31	0.25 Watt	10000 Ohm	28.773.800
R32	0.25 Watt	50 Ohm	28.773.570
CONDENSERS.			
C1	32	μF	28.180.130
C2	32	μF	28.180.130
C4	50	μF	28.182.000
C5	0.1	μF	28.199.090
C8	50000	μμF	28.201.150
C9	0.1	μF	28.201.180
C10	11—490	μμF	28.211.421
C11	11—490	μμF	
C12	11—490	μμF	
C13	12—170	μμF	see Coils
C14	2.5—30	μμF	see Coils
C15	2.5—30	μμF	see Coils
C17	2.5—30	μμF	see Coils
C18	2.5—30	μμF	see Coils
C22	12—170	μμF	28.211.310
C23	12—170	μμF	see Coils
C24	12—170	μμF	28.211.310
C25	12—170	μμF	see Coils
C26	500	μμF	28.192.500
C27	0.1	μF	28.199.090
C28	10	μμF	28.206.340
C29	16000	μμF	28.201.100
C30	25000	μμF	28.201.120
C31	16	μμF	28.206.360
C32	700	μμF	28.192.260
C33	1490	μμF	28.192.270
C34	100	μμF	28.206.270
C35	0.1	μF	28.201.180
C36	6.4	μμF	28.206.320
C37	10000	μμF	28.201.080
C38	100	μμF	28.206.270
C39	250	μμF	28.190.170
C40	20000	μμF	28.199.020
C41	1000	μμF	28.199.650
C42	50000	μμF	28.199.820
C44	0.1	μF	28.199.090
C45	2	μμF	28.205.880
C46	2.5—30	μμF	28.211.830
C47	20	μμF	28.206.370
C49	800	μμF	28.190.220
C50	6.4	μμF	28.206.320

# Philips 748 A

## TABLE OF VOLTAGES AND CURRENTS.

	L1 (FC4)	L2 (VP4B)	L3 (TDD4)	L4 (Pen.A4)	
V <sub>a</sub>	270	270	95	245	Volts
V <sub>g'</sub>	—	160	—	270	Volts
V <sub>g'2-3-5</sub>	75	—	—	—	Volts
I <sub>a</sub>	2.5	6.5	0.8	38.0	mA
I <sub>g'</sub>	g3—5=4.7 g2=1.8	2.2	—	4.8	mA

Dial Lamp, Type 8042.

Rectifier Type 1821.

Voltage across C2 = 280 v.