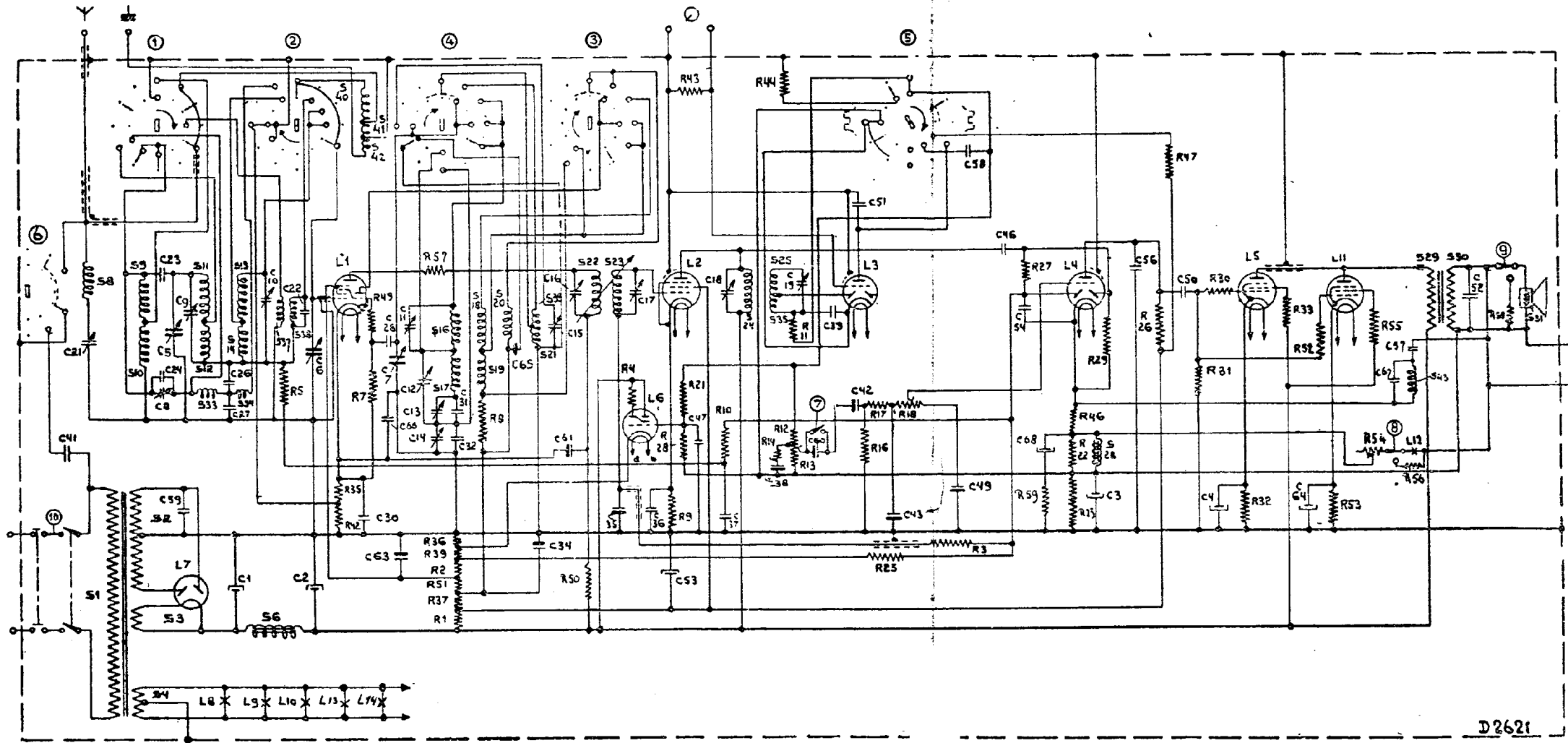


Philips 787 A



D2621

Philips 787 A

S1

COILS.		
Designation.	D.C. Resistance.	Code No.
S1 } S2 } S3 } S4 }	Mains Transformer	28.535.040
S6 } S8 } C21 } S9 } S10 } S11 } S12 }	290 Ohm 125 Ohm 12.170 $\mu\mu\text{F}$ 27 Ohm 110 Ohm 6 Ohm 23 Ohm	28.546.061 28.570.481
C9 } S13 } S14 } C10 } S16 } S17 } S18 } S19 }	2.5—30 $\mu\mu\text{F}$ 4.1 Ohm 40 Ohm 2.5—30 $\mu\mu\text{F}$ 6.5 Ohm 23 Ohm 9 Ohm 15 Ohm	28.571.590
C11 } C12 } S20 } S21 } S39 } S22 } S23 } C17 }	2.5—30 $\mu\mu\text{F}$ 2.5—30 $\mu\mu\text{F}$ 0.05 Ohm .01 Ohm .01 Ohm 130 Ohm 130 Ohm 12.170 $\mu\mu\text{F}$	28.571.600
S24 } S25 } S35 } C19 }	130 Ohm 90 Ohm 40 Ohm 12.170 $\mu\mu\text{F}$	28.572.160
S28 } S29 } S30 } S31 } S33 } S34 } S37 }	2.0 Ohm 220 Ohm 1.0 Ohm 4.5 Ohm 1.5 Ohm 1.5 Ohm 3 Ohm	28.588.020
S38 } S40 } S41 } S42 } S43 }	.05 Ohm Very small Resistance 15 Ohm	28.570.834
		28.570.720
		28.534.320
		28.220.610
		28.587.710
		28.588.330
		28.588.360
		28.587.141

CONDENSERS.		
Designation.	Value.	Code No.
C1	32 μF	28.182.400
C2	32 μF	28.182.400
C3	50 μF	28.182.320
C4	12.5 μF	28.182.520
C5	11—490 $\mu\mu\text{F}$	28.212.010
C6	11—490 $\mu\mu\text{F}$	
C7	11—490 $\mu\mu\text{F}$	
C8	2.5—30 $\mu\mu\text{F}$	28.211.320
C9 to } C12 }	See Coils	—
C13	12—170 $\mu\mu\text{F}$	28.211.310
C14	12—170 $\mu\mu\text{F}$	28.211.310
C15	2.5—30 $\mu\mu\text{F}$	28.211.320
C16	12—170 $\mu\mu\text{F}$	28.211.310
C17	See Coils	—
C18	12—170 $\mu\mu\text{F}$	28.211.310
C19	See Coils	—
C21	See Coils	—
C22	10 $\mu\mu\text{F}$	28.206.340
C23	10 $\mu\mu\text{F}$	28.206.340
C24	20 $\mu\mu\text{F}$	28.206.370
C26	12,500 $\mu\mu\text{F}$	28.201.090
C27	40,000 $\mu\mu\text{F}$	28.201.140
C28	50 $\mu\mu\text{F}$	28.206.240
C30	50,000 $\mu\mu\text{F}$	28.201.150
C31	650 $\mu\mu\text{F}$	28.192.250
C32	1,440 $\mu\mu\text{F}$	28.195.060
C34*	50,000 $\mu\mu\text{F}$	28.199.060
C35*	0.1 μF	28.201.180
C36	0.1 μF	28.201.180
C37	0.1 μF	28.201.180
C38*	50,000 $\mu\mu\text{F}$	28.201.150
C39	100 $\mu\mu\text{F}$	28.192.430
C41	500 $\mu\mu\text{F}$	28.192.500
C42*	4,000 $\mu\mu\text{F}$	28.198.950
C43*	400 $\mu\mu\text{F}$	28.190.190
C46	20 $\mu\mu\text{F}$	28.206.370
C47	0.1 μF	28.201.180
C49*	100 μF	28.192.430
C50	50,000 μF	28.199.060
C51	200 μF	28.190.160
C52	50,000 μF	28.201.150
C53	32 μF	28.182.400
C54	40,000 $\mu\mu\text{F}$	28.199.050
C56	3,200 $\mu\mu\text{F}$	28.194.020
C58	20,000 $\mu\mu\text{F}$	28.199.020
C59	20,000 $\mu\mu\text{F}$	28.201.650
C60*	400 $\mu\mu\text{F}$	28.190.190
C61*	50,000 $\mu\mu\text{F}$	28.199.060
C63*	50,000 $\mu\mu\text{F}$	28.199.060
C64	12.5 μF	28.182.520
C65*	800 $\mu\mu\text{F}$	28.190.220
C57	25,000 $\mu\mu\text{F}$	28.202.010
C66	800 $\mu\mu\text{F}$	28.190.220
C67	8,000 $\mu\mu\text{F}$	28.195.750
C68	12.5 μF	28.182.890

* See page 11.

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VALVE VOLTAGES AND CURRENTS.

	L1	L2	L3	L4	L5	L11	
Va	220	220	70	70	220	220	Volts
Vg1	2.5	3.2	2.0	2.0	5.0	5.0	Volts
Vg2	70	160	—	—	210	210	Volts
Voa	75	—	—	—	—	—	Volts
Ia	0.8	5.0	0.5	0.5	45	45	Milliamps.
Ig2	3.3	1.5	—	—	7	7	Milliamps.
loa	3.4	—	—	—	—	—	Milliamps.

Readings taken on M.W. band.

VALVES AND LAMPS.

L1	L2	L3	L4	L5	L6	L7
TH4A	VP4B	TDD4	TDD4	PENA4	TV4	1561
L8 Orange	L9 Orange	L10 Arrow	L11	L12 Contrast Lamp	L13 Pointer	L14 Emblem
8042/37	8042/37	8042/07	PEN A4	7199D	8042/07	8041/07

The voltages are measured with voltmeters having a resistance of 2,000 Ohms per volt. Moving coil voltmeters give readings which depend upon the resistance in circuit and the current consumption of the meter itself. The values given are the mean of several measurements, therefore some readings obtained may differ appreciably, particularly as variations may arise due to the tolerance of the components as well as the valves.

Before finally deciding that a valve is defective, it is recommended that a replacement test with the same type of valve is made.