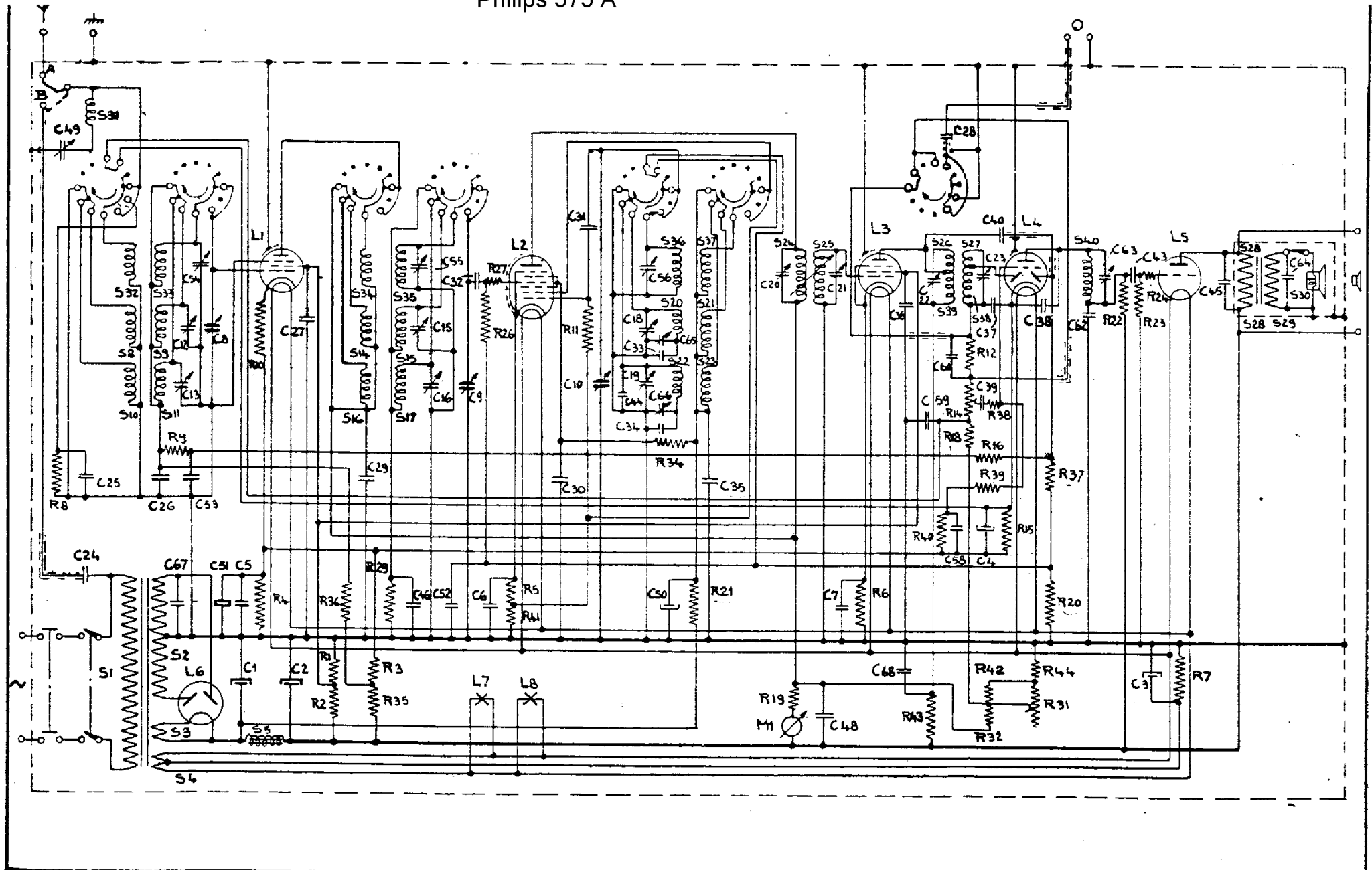


# Philips 575 A



The resistance D45 may be shunted across M1

## RESISTANCES. Philips 575 A

Designa- tion.	Resistances.	Code No.	Designa- tion.	Resistances.	Code No.	Designa- tion.	Resistances.	Code No.
R1	80000/2 Ohm	28.771.090	R14	0.5 M. Ohm	28.809.200	R32	0.16 M. Ohm	28.771.860
R2	12500/2 Ohm	28.771.010	R15	3200 Ohm	28.770.300	R34	10000 Ohm	28.770.350
R3	32000 Ohm	28.770.400	R16	2 M. Ohm	28.770.580	R35	0.4 M. Ohm	28.770.510
R4	1600 Ohm	28.770.270	R18	0.32 M. Ohm	28.770.500	R36	5 M. Ohm	28.770.620
R5	250 Ohm	28.770.190	R19	16000/2 Ohm	28.771.890	R37	0.64 M. Ohm	28.770.530
R6	320 Ohm	28.770.200	R20	0.64 M. Ohm	28.770.530	R38	0.5 M. Ohm	28.770.520
R7	615 { 2000 Ohm )	28.770.930	R21	80000/2 Ohm	28.771.090	R39	0.25 M. Ohm	28.770.490
	2000 Ohm )	28.770.930	R22	0.2 M. Ohm	28.770.480	R40	1.6 M. Ohm	28.770.570
	1600 Ohm )	28.770.920	R23	0.64 M. Ohm	28.770.530	R41	250 Ohm	28.770.190
	(paralleled)		R24	1000 Ohm	28.770.250	R42	2500 Ohm	28.771.880
R8	32000 Ohm	28.770.400	R26	0.2 M. Ohm	28.770.480	R43	5000 Ohm	28.770.320
R9	10000 Ohm	28.770.350	R27	40 Ohm	28.770.110		or 2x 10000 Ohm	28.770.350
R10	64 Ohm	28.770.130	R29	10000 Ohm	28.770.350	R44	5000 Ohm	28.770.320
R11	50000 Ohm	28.770.420	R31	0.5 M. Ohm	28.810.620	R45	12500 Ohm	28.771.010
R12	0.5 M. Ohm	28.770.520						

## CONDENSERS.

Designation.	Condensers.	Code No.
C1	32 $\mu\text{F}$	28.180.010
C2	32 $\mu\text{F}$	28.180.010
C3	16 $\mu\text{F}$	28.181.980
C4	25 $\mu\text{F}$	28.180.020
C5	50000 $\mu\mu\text{F}$	28.199.060
C6	50000 $\mu\mu\text{F}$	28.199.060
C7	50000 $\mu\mu\text{F}$	28.199.060
C8	8.5-465 $\mu\mu\text{F}$	} 28.211.090
C9	8.5-465 $\mu\mu\text{F}$	
C10	8.5-465 $\mu\mu\text{F}$	
C12	0-27 $\mu\mu\text{F}$	28.210.690
C13	0-27 $\mu\mu\text{F}$	28.210.690
C15	0-27 $\mu\mu\text{F}$	28.210.690
C16	0-27 $\mu\mu\text{F}$	28.210.690
C18	0-27 $\mu\mu\text{F}$	28.210.690
C19	0-27 $\mu\mu\text{F}$	28.210.690
C20	40-145 $\mu\mu\text{F}$	28.210.540
C21	40-145 $\mu\mu\text{F}$	28.210.540
C22	40-145 $\mu\mu\text{F}$	28.210.540
C23	40-145 $\mu\mu\text{F}$	28.210.540
C24	500 $\mu\mu\text{F}$	28.190.200
C25	80 $\mu\mu\text{F}$	28.190.120
C26	50000 $\mu\mu\text{F}$	28.199.060
C27	0.1 $\mu\text{F}$	28.199.090
C29	0.1 $\mu\text{F}$	28.199.090
C30	0.1 $\mu\text{F}$	28.199.090
C31	100 $\mu\mu\text{F}$	28.190.130
C32	20 $\mu\mu\text{F}$	28.190.060
C33	1570 $\mu\mu\text{F}$	28.190.500
C34	450 $\mu\mu\text{F}$	28.190.630
C35	0.1 $\mu\text{F}$	28.199.090
C36	0.1 $\mu\text{F}$	28.199.090
C37	160 $\mu\mu\text{F}$	28.190.150
C38	100 $\mu\mu\text{F}$	28.190.130
C39	50000 $\mu\mu\text{F}$	28.199.060
C40	50 $\mu\mu\text{F}$	28.190.100
C43	10000 $\mu\mu\text{F}$	28.198.990
C44	10 $\mu\mu\text{F}$	28.190.030
C45	500 $\mu\mu\text{F}$	28.190.200
C46	50000 $\mu\mu\text{F}$	28.199.060
C48	0.1 $\mu\text{F}$	28.199.090
C49	40-145 $\mu\mu\text{F}$	28.210.540
C50	32 $\mu\text{F}$	28.180.130
C51	25 $\mu\text{F}$	28.180.020
C52	50000 $\mu\mu\text{F}$	28.199.060
C53	50000 $\mu\mu\text{F}$	28.199.060
C54	0-27 $\mu\mu\text{F}$	28.210.690
C55	0-27 $\mu\mu\text{F}$	28.210.690
C56	0-27 $\mu\mu\text{F}$	28.210.690
C58	5000 $\mu\mu\text{F}$	28.198.960
C59	0.2 $\mu\text{F}$	28.199.120
C60	200 $\mu\mu\text{F}$	28.190.160
C62	160 $\mu\mu\text{F}$	28.190.150
C63	40-145 $\mu\mu\text{F}$	28.210.540
C64	3 $\mu\text{F}$	28.160.660
C65	2x (40-145) $\mu\mu\text{F}$	28.210.550
C66	40-145 $\mu\mu\text{F}$	28.210.540
C67	10000 $\mu\mu\text{F}$	28.199.940
C68	0.1 $\mu\text{F}$	28.199.090

# Philips 575 A

	L1 (VP4B)	L2 (FC4)	L3 (VP4B)	L4 (TDD4)	L5 (ACO44)	
Va	176	190	235	95	235	Volts.
Vg'	190	g3—5. = 68 g2 = 93	205	—	—	Volts.
-Vg	13.5	3.5	3.6	d1 = 21 d2 = 5.5 2.5	28	Volts.
Ia	5.9	1.72	7.8	0.85	48	mA.
Ig'	2.42	g2=2.8 g3—5 = 2.5	—	—	—	mA.
Voltage across C1 = 300 Volts. Voltage across C2 = 280 Volts.						

The voltages were taken with meters taking practically no current. Lower values will be, of course, arrived at with moving coil meters when resistances are in circuit. The above values were taken over a large number of receivers and, consequently, may deviate without necessarily indicating a fault.

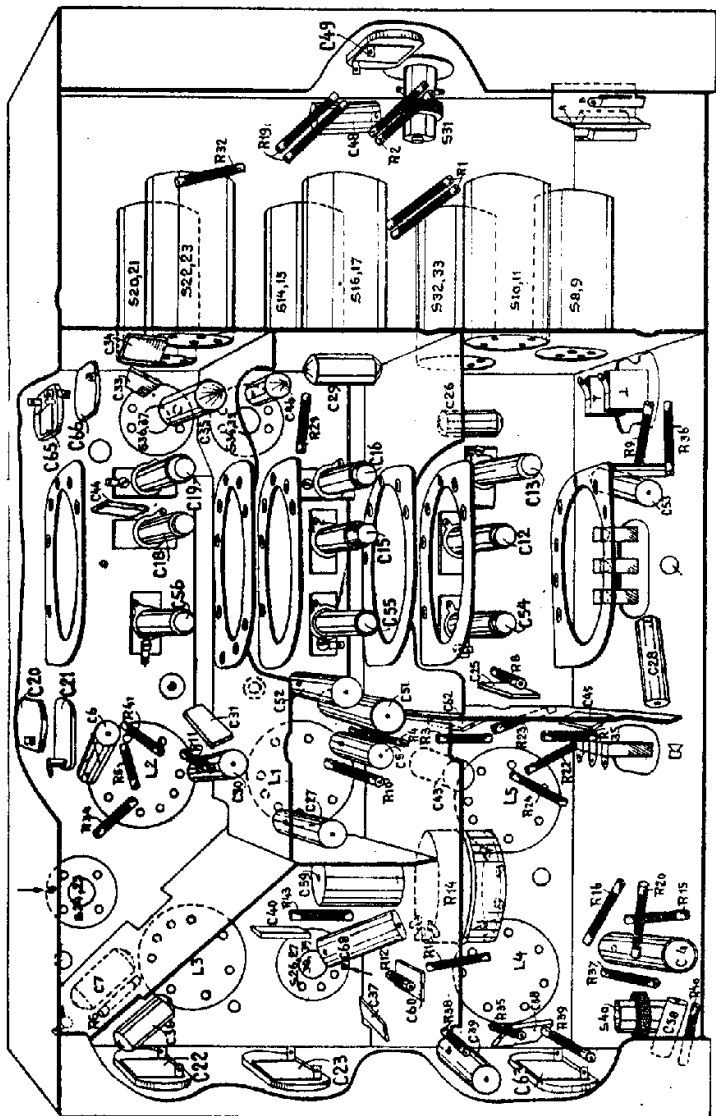


Fig. 10

## COILS.

Designation.	Resistance in Ohms.	Code No.
S1	...	28.525.960
S2	...	
S3	...	
S4	...	
S5	260—320	28.550.760
S8	27...	28.564.120
S9	3.8	
S10	125	
S11	50...	
S14	3.5	28.564.141
S15	2.2	28.564.180
S16	4.4	
S17	4.8	
S20	4	
S21	3.2	28.564.250
S22	32...	28.564.260
S23	3.4	
S24	140	
S25	140	
S26+	...	28.565.110
S39	140	
S27+	...	
S38	140	
S28	240—260	28.525.520
S29	0.7	28.220.190
S30	4.3—5.3	
S31	135	
S32	3...	
S33	...	28.564.010
S34	1.4	28.564.211
S35	—	
S36	17...	
S37	—	
S40	135	28.561.271
M1	2,000 (approx.)	28.820.740

## VALVES.

L1	VP4B
L2	FC4
L3	VP4B
L4	TDD4
L5	ACO44
L7	8046
L8	8046
L6	1561