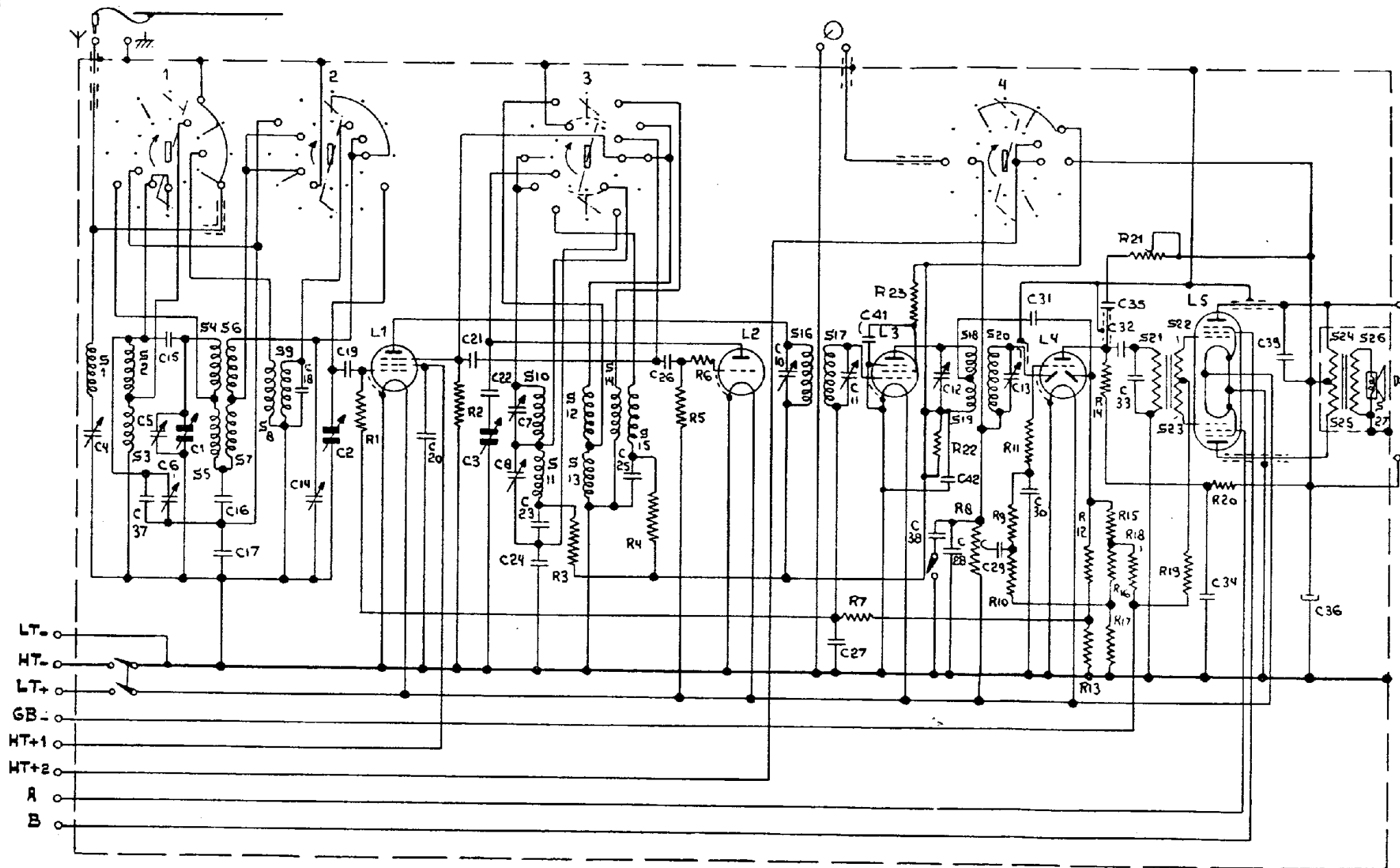


Philips 714 B



CONDENSERS.		
Designation.	Condensers.	Code No.
C1	11—488 $\mu\mu\text{F}$	28.211.420
C2	11—488 $\mu\mu\text{F}$	
C3	11—488 $\mu\mu\text{F}$	
C4	see Coils	
C5	see Coils	28.211.320
C6	2.5—30 $\mu\mu\text{F}$	
C7	see Coils	
C8	see Coils	
C10	see Coils	28.211.310
C11	12—170 $\mu\mu\text{F}$	
C12	see Coils	28.211.310
C13	12—170 $\mu\mu\text{F}$	
C14	see Coils	28.206.340
C15	10 $\mu\mu\text{F}$	
C16	16000 $\mu\mu\text{F}$	28.199.010
C17	25000 $\mu\mu\text{F}$	28.199.030
C18	20 $\mu\mu\text{F}$	28.206.370
C19	100 $\mu\mu\text{F}$	TS.240.
C20	0.1 $\mu\text{F}$	28.199.090
C21	20 $\mu\mu\text{F}$	28.206.370
C22	20000 $\mu\mu\text{F}$	28.199.020
C23	764 $\mu\mu\text{F}$	28.193.240
C24	1615 $\mu\mu\text{F}$	28.193.250
C25	20000 $\mu\mu\text{F}$	28.199.020
C26	100 $\mu\mu\text{F}$	TS.240.
C27	0.1 $\mu\text{F}$	28.199.090
C28	100 $\mu\mu\text{F}$	28.206.270
C29	1000 $\mu\mu\text{F}$	28.198.890
C30	100 $\mu\mu\text{F}$	28.206.270
C31	100 $\mu\mu\text{F}$	28.206.270
C32	50000 $\mu\mu\text{F}$	28.199.060
C33	1000 $\mu\mu\text{F}$	28.198.890
C34	0.5 $\mu\text{F}$	28.198.270
C35	50000 $\mu\mu\text{F}$	28.199.060
C36	8 $\mu\text{F}$	28.182.370
C37	25 $\mu\mu\text{F}$	28.206.210
C38	10000 $\mu\mu\text{F}$	28.198.990
	16000 $\mu\mu\text{F}$	or 29.199.010
C39	1000 $\mu\mu\text{F}$	28.199.650
C40	6.4 $\mu\mu\text{F}$	28.206.320
C41	8000 $\mu\mu\text{F}$	28.198.980
C42	8000 $\mu\mu\text{F}$	28.198.980
RESISTANCES.		
R1	1.25 M. Ohm	28.770.560
R2	50000 Ohm	28.773.870
R3	32000 Ohm	28.773.850
R4	32000 Ohm	28.773.850
R5	16000 Ohm	28.773.820
R6	40 Ohm	28.773.560
R7	0.5 M. Ohm	28.773.970
R8	0.5 M. Ohm	28.811.260
R9	0.2 M. Ohm	28.773.930
R10	1 M. Ohm	28.774.000
R11	0.2 M. Ohm	28.773.930
R12	1 M. Ohm	28.774.000
R13	0.32 M. Ohm	28.773.950
R14	25000 Ohm	28.773.840
R15	1 M. Ohm	28.774.000
R16	20000 Ohm	28.773.830
R17	5000 Ohm	28.773.770
R18	10000 Ohm	28.773.800
R19	0.2 M. Ohm	28.773.930
R20	8000 Ohm	28.773.790
R21	50000 Ohm	28.811.020
R22	4000 Ohm	28.773.760
R23	20000 Ohm	28.770.380

### VALVES.

L1	L2	L3	L4	L5
VP2	PM1HL	VP2	TDD2A	QP22A

### VALVE VOLTAGES AND CURRENTS.

	L1	L2	L3	L4	L5	
Va	145	70	135	100	145 (A & B)	Volts
Vg*	115	—	130	—	*103-133 (A & B)	Volts
Ia	1.0	1.8	1.6	0.8	.5-2.0	mA
Ig*	0.3	—	0.3	—	0.02-0.20	mA

\* Varies with grade of valve.  
Total filament current = 1.05 amp.

The voltages are measured with voltmeters having a resistance of 2000 Ohms per volt. Moving coil voltmeters give readings which depend upon the resistance used and the current consumption of the meter itself.

The values given are the mean of several measurements, therefore, some readings obtained may differ appreciably, due to the tolerances 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.

## Philips 714 B