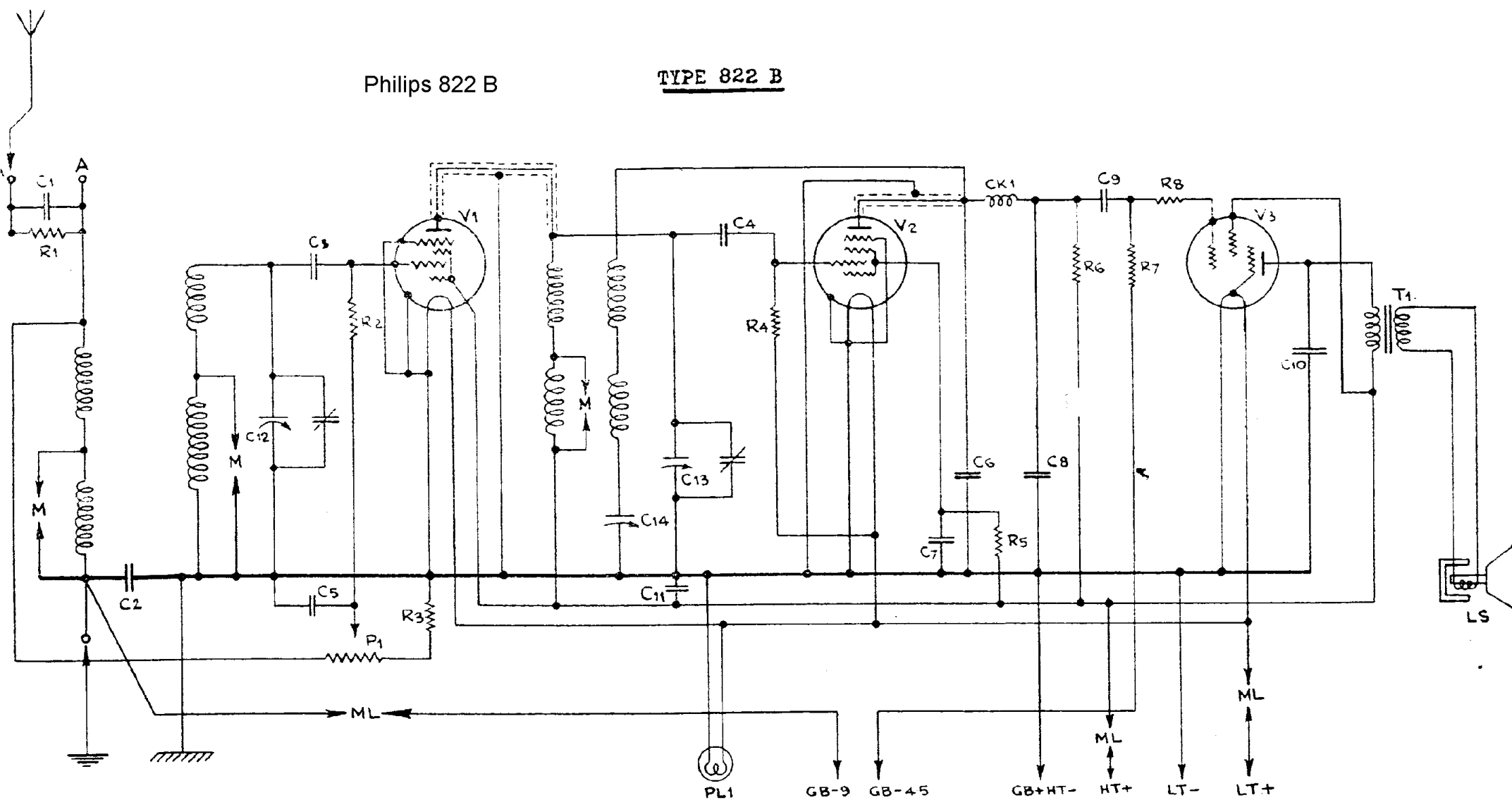


Philips 822 B

TYPE 822 B



Philips 822 B

CURRENTS AND VOLTAGES.

H.T. Battery = 135 V. L.T. Battery 2.0 V.

Approximate values.

	V1 (VP2)	V2 (SP2)	V3 (PM22A)	
V_a	135	45	135	Volts
$V_{g'}$	135	50	135	Volts
$-V_g$	—9	—	—4.5	Volts
i.a.	1.6	0.8	7.5	mA
i.s.	0.5	0.4	2.5	mA

Measured with voltmeter having 1,000 Ohms per volt.

Grid voltage measured across battery.

RESISTANCES.

Designation.	Resistances.	Code No.
R1	10000 Ohm	822.017
R2	2 M. Ohm	822.012
R3	500 Ohm	822.016
R4	2 M. Ohm	822.012
R5	0.25 M. Ohm	822.014
R6	0.1 M. Ohm	822.015
R7	2 M. Ohm	822.012
R8	0.2 M. Ohm	822.013
P1	10000 Ohm	822.017

CONDENSERS.

Designation.	Condensers.	Code No.
C1	10 $\mu\mu\text{F}$	822.007
C2	0.1 μF	*
C3	100 $\mu\mu\text{F}$	822.006
C4	10 $\mu\mu\text{F}$	822.007
C5	0.1 μF	*
C6	100 $\mu\mu\text{F}$	822.006
C7	0.1 μF	*
C8	1000 $\mu\mu\text{F}$	822.003
C9	2000 $\mu\mu\text{F}$	822.004
C10	5000 $\mu\mu\text{F}$	822.005
C11	2 μF	*
C12	444 $\mu\mu\text{F}$	822.001
C13	444 $\mu\mu\text{F}$	
C14	350 $\mu\mu\text{F}$	822.002
	* Condenser Box	822.008

COILS.

Designation.	Resistance in Ohms.	Component Part.
S1	0.2	Aerial Coil.
S2	42.0	
S3	3.5	
S4	11.5	
S5	3.5	Anode Coil.
S6	11.5	
S7	1.5	
S8	6.5	
S9	800	Speaker Transformer. Speech Coil. H. F. anode choke.
S10	.8	
S11	2.1	
CK1	100.0	
The above are average figures.		