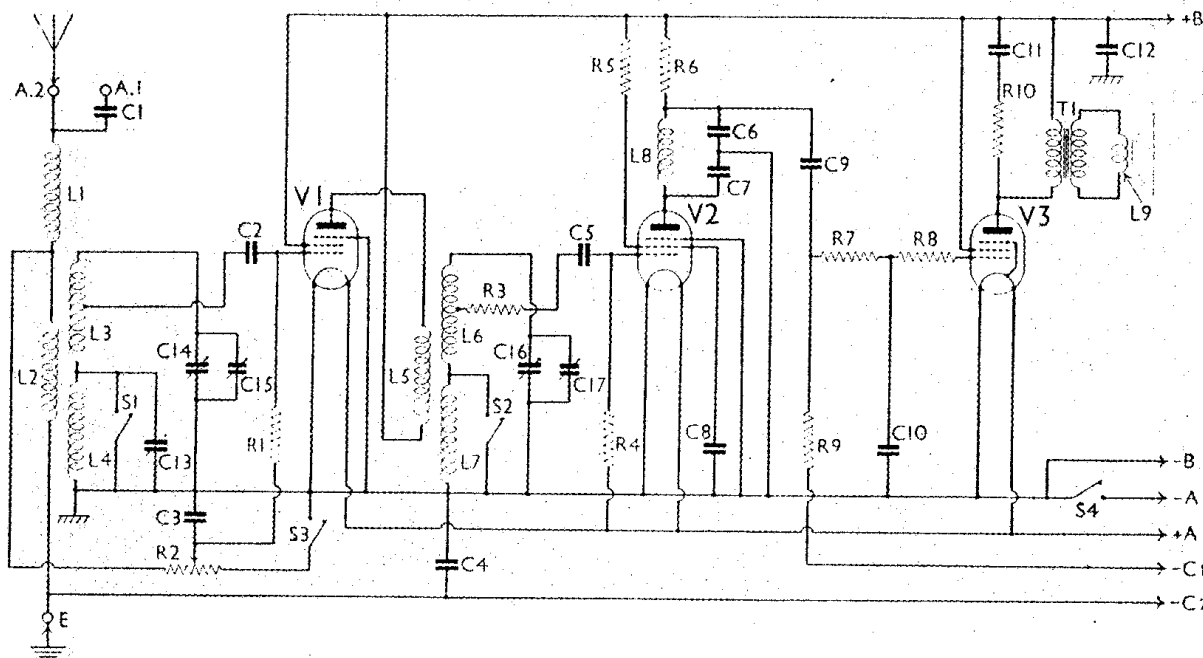


MULLARD - MB3

The circuit diagram of the Mullard MB3. Note that the chassis is not at earth potential. R7, R8 and C10 form a special H.F. filter. L1 is an aerial loading coil.



COMPONENTS AND VALUES

Resistances		Values (ohms)
R1	V1 grid resistance	5,000,000
R2	Volume control pot.	10,000
R3	V2 grid circuit stabiliser	100
R4	V2 grid leak	2,000,000
R5	V2 S.G. H.T. feed	160,000
R6	V2 anode resistance	100,000
R7	Parts of V3 grid H.F. filter	100,000
R8		100,000
R9	V3 grid resistance	2,000,000
R10	Part of V3 tone comp. filter	10,000

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R8		100,000
R9	V3 grid resistance	2,000,000
R10	Part of V3 tone comp. filter	10,000

Condensers		Values (μF)
C1	Aerial series condenser	0.000025
C2	V1 grid condenser	0.0001
C3	V1 cont. grid decoupling	0.1
C4	Earth blocking condenser	0.1
C5	V2 grid condenser	0.0001
C6	V2 anode H.F. by-passes	0.0002
C7		0.0005
C8	V2 S.G. by-pass	0.5
C9	L.F. coupling to V3	0.0016
C10	Part of V3 grid H.F. filter	0.00005
C11	Part of V3 tone comp. filter	0.002
C12	H.T. reservoir	2"
C13	Aerial L.W. trimmer, pre-set	0.000027
C14	Aerial tuning	0.00043
C15	Aerial main trimmer, pre-set	0.000027
C16	H.F. trans. sec. tuning	0.00043
C17	H.F. trans. sec. trimmer, pre-set	0.000027

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