

DOUBLE DIODE TRIODE
TYPE 11A.2

The BRIMAR 11A.2 is an indirectly heated double diode triode valve, designed for performing simultaneously the functions of automatic volume control, detection and amplification.

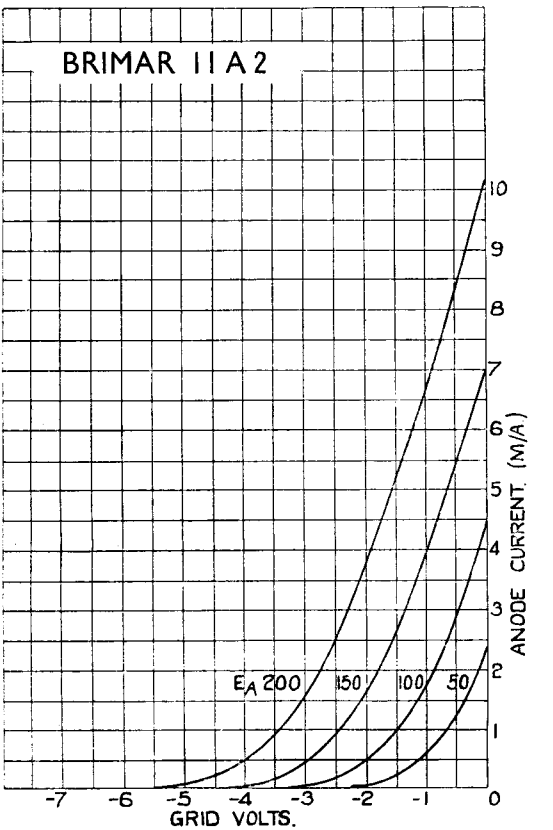
Full-wave or half-wave rectification together with delayed A.V.C. or delayed and amplified A.V.C. may be employed.

To prevent R.F. or I.F. voltages, causing instability by passing into the L.F. stages, the diodes are efficiently screened from the triode portion by an electrostatic screen connected to the cathode.

The valve is fitted with a seven-pin base, connections being as shown on page 51.

For further information and diagrams apply for separate leaflet. See also pages 11 *and* 12.

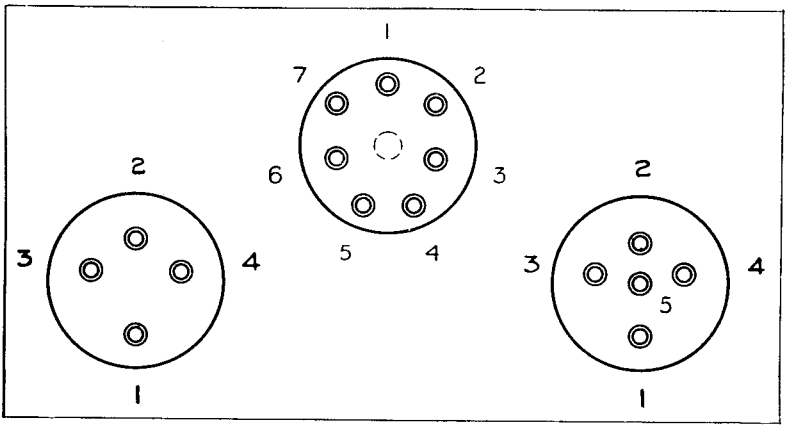
CHARACTERISTICS



Filament Voltage	...	...	4 volts ± 5%
Filament Current	...	...	1·0 amp.
Maximum Anode Volts		...	200
*Amplification Factor		...	50
*Impedance ...	...	...	18,000
*Mutual Conductance		...	2·8

* *Taken at anode volts* 100, *grid volts zero.*

BASE CONNECTIONS OF VALVES



UNDERSIDE VIEW OF BASES

4-PIN VALVES

TYPE	1	2	3	4
HLB.1, PB.1	A	G	F.M	F
R.1, R.2, R.3, 1A.7	A1	A2	H	H.C
4037A.	A	—	F	F

5-PIN VALVES

TYPE	1	2	3	4	5	Top Cap
8A.1, 9A.1 ...	G2	G1	H	H	C.M	—
HLA.2, PA.1 ...	A	G	H	H	C.M	—
PenB.1, PenA.1 ...	A	G1	F	F	G2	—
4039A	A	G	H	H	C	—
1D5	A	—	H	H	C	—

7-PIN VALVES

TYPE	1	2	3	4	5	6	7	Top Cap
4D.1 ...	—	—	—	H	H	C	A	G
7A.3, 7D.8, 7D.6, 7A.2, & 7D.3 ...	—	G1	G2	H	H	C	A	—
9D.2 ...	—	A	G3	H	H	C	G2	G1
11A.2, 11D.3	D1	M	D2	H	H	C	A	G1
15A.2, 15D.1	G2	G1	G3.G5	H	H	C	A	G4

A. *Anode.* G1, G2, G3, G4, 1*st*, 2*nd*, 3*rd and* 4*th Grids.*
F. *Filament.* H. *Heater.* C. *Cathode.* D1, D2, *Diodes.*
M. *Metallising.*