

# D.O. 24

## HIGH VOLTAGE OUTPUT VALVE

### OPERATING DATA.

Filament Voltage ..	4.0 V.
Filament Current ..	2.0 A.
Max. Anode Voltage ..	400 V.
Optimum Load ..	4,000 ohms.

### CHARACTERISTICS.

At Anode Volts 100 ; Grid Volts Zero.	
Anode Impedance ..	1,390 ohms.
Amplification Factor	9
Mutual Conductance	6.5 mA./V.

### APPLICATION.

Output valve in powerful receivers, amplifiers and medium-sized public address equipments, and particularly where a fairly high amplification is required in the output stage. The

D.O.24 will give its full output for a grid input voltage of 24 V. r.m.s. Negative grid bias should be applied according to the following table :

Anode Voltage.	Approx. Neg. Grid Bias Voltage.	Approx. Anode Current (mA.).
200	13.0	40.0
300	24.0	50.0
400	34.0	63.0

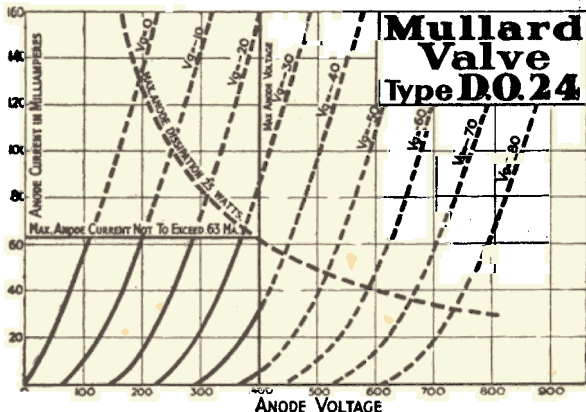
For auto-bias the arrangement shown in diagram 5 on page 87 is recommended, the value of the bias resistance being 540 ohms. This should consist of a fixed resistor of 450 ohms and a variable resistor of 250 ohms in series, in order to provide a margin for adjustment.

### BASE.

Standard 4-pin.

### NOTE.

Valves of still larger output, for public address and similar service are available. Details upon request.



PRICE 25/-

**Mullard**  
THE MASTER VALVE