

# TYPE D.O.60

# MULLARD HIGH VOLTAGE OUTPUT VALVE

## OPERATING DATA.

Filament Voltage ...	6.0 V.
Filament Current ...	4.0 A.
Max. Anode Voltage ...	500 V.
Optimum Load ...	1,500 ohms.
Maximum Output ...	10,000 milli-
(with 5% distortion)	watts.

## CHARACTERISTICS.

(Under working conditions, i.e., Anode voltage 500 V.; Anode Current 120 mA.)	
Anode Impedance ...	1,000 ohms.
Amplification Factor ...	3.5
Mutual Conductance ...	3.5 mA./V.

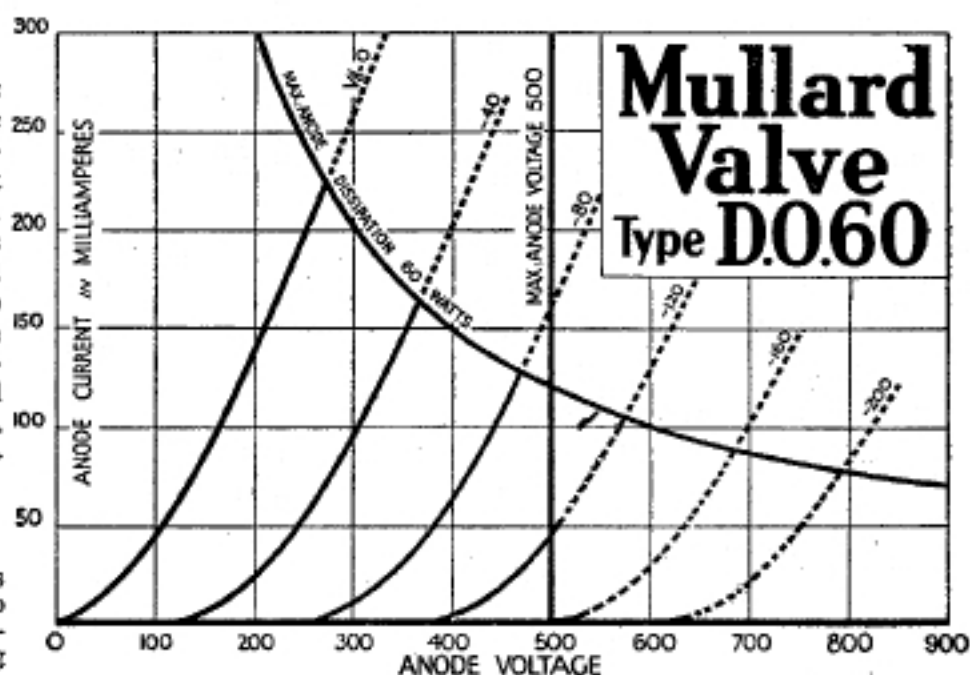
## APPLICATION.

As output valve in public address and other large amplifiers where an output in excess of that obtainable from a D.O. 24 or D.O.26 valve is required. For a grid excitation voltage of 60 to 70 volts R.M.S. an output of 10,000 milliwatts can be obtained allowing 5 per cent. second harmonic distortion.

## GRID BIAS.

Negative grid bias should be applied to the D.O. 60 in accordance with the following table.

Grid bias may be applied automatically by the arrangement shown in diagram No. 4 on page 56. The value of the biasing resistance for anode volts 500 is 790 ohms. It is recommended that a fixed resistor of 500 ohms and a variable resistor of 500 ohms be used in series, thus providing a margin for adjustment.



Anode Voltage	Approx. Neg. Grid Bias Voltage	Approx. Anode Current (mA.)
300	42.0	82.0
400	65.0	120.0
500	95.0	120.0

**PRICE £5 10 0**

Special Holder 5/9 nett.



# Mullard

**THE MASTER VALVE**

