

# TYPE P.M.2DX

## MULLARD DETECTOR AND GENERAL PURPOSE VALVE

### OPERATING DATA.

Filament Voltage ... 2.0 V.  
Filament Current ... 0.1 A.  
Max. Anode Voltage ... 150 V.

### CHARACTERISTICS.

(At Anode volts 100 ; Grid volts Zero)

Anode Impedance 12,000 ohms.  
Amplification Factor ... 18  
Mutual Conductance 1.5 mA./V.

### APPLICATION.

(1) A non-microphonic detector for use in battery operated receivers. Suitable values of grid condenser and grid leak are from .0001 to .0003 mfd. and from 1 to 3 megohms.

(2) As low frequency amplifier.

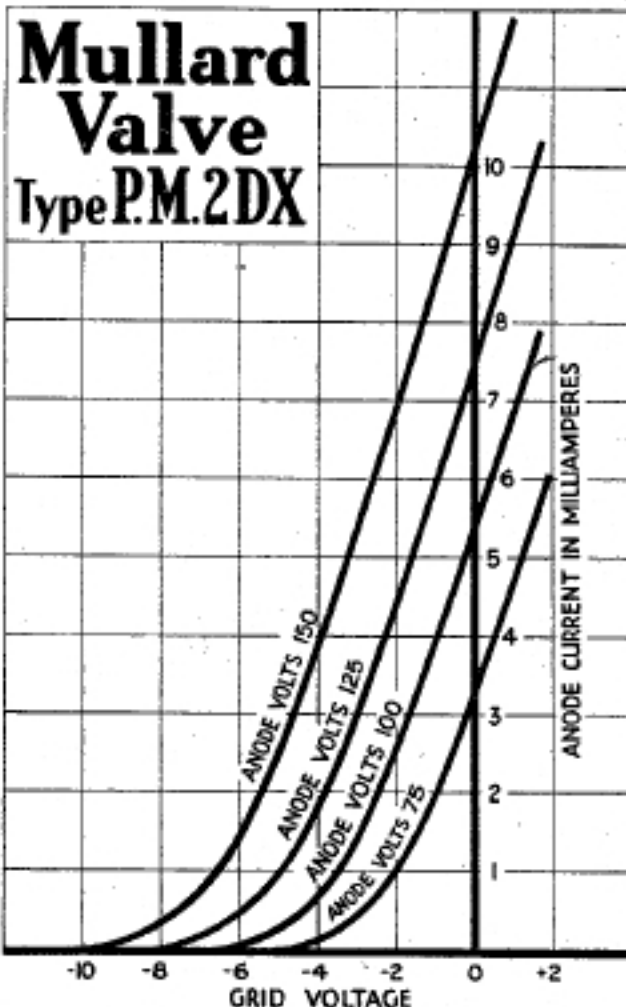
(3) The P.M.2D.X. is the most suitable "drive" valve for the Mullard Class "B" output valve, type P.M.2B.

This valve can be supplied with either clear or metallised bulb.

### GRID BIAS.

When used as an L.F. amplifier grid bias should be applied in accordance with the following table :—

**PRICE 7/-**



Anode Voltage	Approx. Neg. Grid Bias Voltage	Approx. Anode Current (mA.)
100	1.5—3.0	2.0
125	3.0	3.0
150	3.0—4.5	4.0



**Mullard**  
**THE MASTER VALVE**

