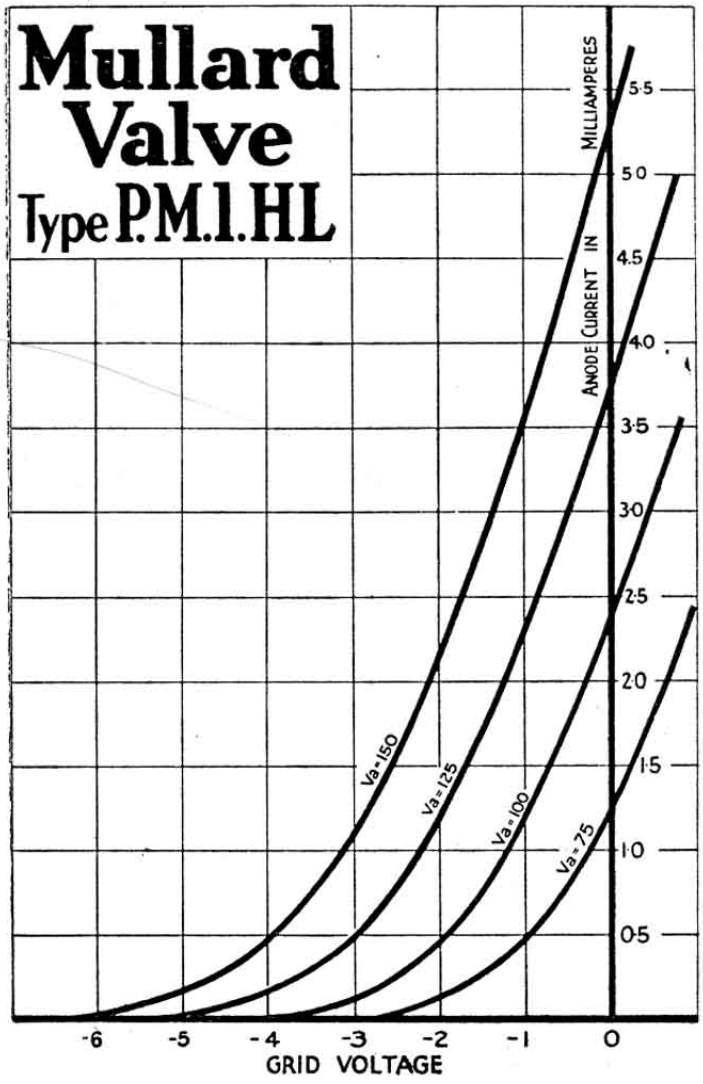
MULLARD NON-MICROPHONIC DETECTOR

TYPE P.M.1HL



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 ...	20,000 ohms.
Amplification Factor	... 28
Mutual Conductance	1·4 mA./V.

APPLICATION.

(1) **A non-microphonic detector** for use in all battery-operated receivers. When used as a leaky grid detector the P.M.1H.L. will operate efficiently with anode voltages as low as 20 volts. Suitable values of grid condenser and grid leak are ·0001 mfd. and 1·0 to 1·5 megohm.

(2) **As H.F. amplifier** in neutralised or aperiodic circuits not employing screened grid valves.

(3) **As L.F. amplifier** for gramophone reproduction.

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

GRID BIAS.

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

Anode Voltage	Approx. Neg. Grid Bias Voltage	Approx. Anode Current (mA.)
100	1·5	1·0
125	1·5—3·0	1·5
150	1·5—3·0	2·0

PRICE 7/-

Mullard

THE·MASTER·VALVE