

# P.M.24M

## DIRECTLY - HEATED OUTPUT PENTODE

### OPERATING DATA.

Filament Voltage	.. ..	4.0 V.
Filament Current	.. ..	1.0 A.
Max. Anode Voltage	.. ..	250 V.
Max. Auxiliary Grid Voltage	..	250 V.
Max. Auxiliary Grid Current	..	7.0 mA.
Optimum Load	..	8,000 ohms.

Auxiliary Grid Voltage.	Approx. Neg. Grid Bias Voltage.	Approx. Anode Current (mA.).
150	9.0	
200	12.0	
250	18.0	

### CHARACTERISTICS.

At Anode Volts 100 ; Auxiliary Grid Volts 100 ; Grid Volts Zero.  
Mutual Conductance .. 3.0 mA./V.

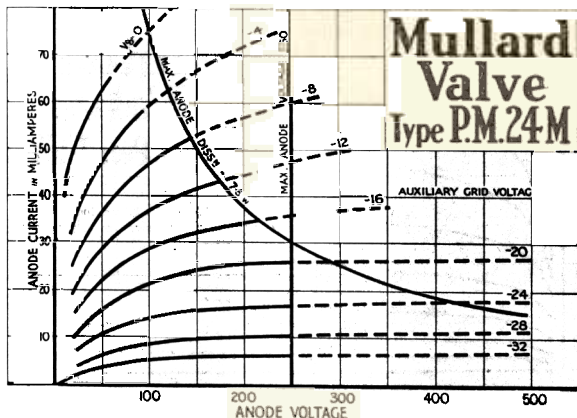
### APPLICATION.

Type P.M.24M is a sensitive valve of large output, suitable for use in all domestic A.C. receivers designed for a directly-heated output pentode. Grid bias should be applied according to the table in the opposite column.

For auto-bias, obtained by the arrangement shown in diagram 5 on page 87, a resistance of 500 ohms is necessary. It is recommended that a fixed resistor of 400 ohms and a variable resistor of 250 ohms be used in series, thus providing a margin for adjustment.

### BASE.

Standard 5-pin.



PRICE 18/6

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THE MASTER VALVE