

INDIRECTLY-HEATED OUTPUT PENTODE

PEN.4V A

OPERATING DATA.

Heater Voltage	4.0 V.
Heater Current	1.5 A.
Max. Anode Voltage	250 V.
Max. Auxiliary Grid Voltage	250 V.
Optimum Load	6,000 ohms.

CHARACTERISTICS.

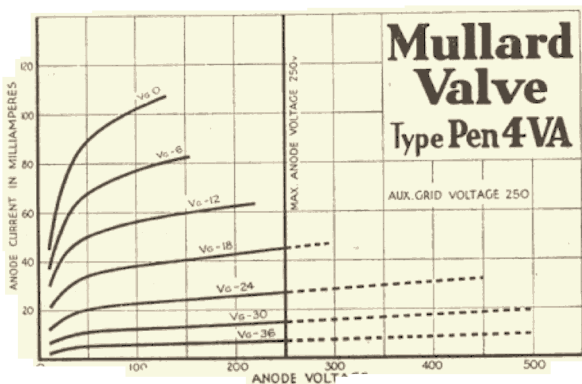
At Auxiliary Grid Volts 100; Control
Grid Volts Zero.

Mutual Conductance 3.5 mA./V.

APPLICATION.

The Pen.4VA is a sensitive valve capable of a large output, and may be

employed in any domestic A.C. receiver designed for an indirectly-heated output pentode. With an anode and auxiliary grid voltage of 250 volts, negative bias of approximately 22.0 V. should be applied, when the anode current will be approximately 32.0 mA. For auto-bias, which should be in accordance with diagram No. 6 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 or
7-pin. For connections
to 7-pin base see page

=Mullard=
THE MASTER VALVE

PRICE 18/6