Osram Valves

Made in England



Maximum Dimensions:
Overall length (including pins)
112 m/m.
Diameter of bulb
45 m/m.

TYPE MH4

DETECTOR AND AMPLIFYING TRIODE

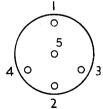
With Indirectly Heated Cathode (For operation from A.C. Mains).

The OSRAM MH4 is a three-electrode valve of the indirectly Heated Cathode type recommended for use as a Detector, Amplifier, or Oscillator in A.C. Receivers designed for it. The features of high Amplification Factor combined with relatively high Mutual Conductance enable a high stage gain to be obtained. A further feature of the valve is its non-microphonic property which is of particular importance when applied to the Detector stage.

CHARACTERISTICS.

Heater Volts							4.0	
Heater Current							1.0 amp	. approx.
Treater sarries				dax.			_	
Anode Volts				250	200		150	100
Grid Volts (in Ampli	fier)				-3		-2	-1.5
Anode Current avera					4.7 m.a		4.2 m.a.	
Amplification Factor	Γ							\(\begin{align*} 40 \\ 11 \\ 100 \\ 1 \end{align*}
Impedance								₹ 11,100 ohms.
Mutual Conductance				• •		• •	• •	(3.6 ma/volt measured at grid volts 0.
Automatic Grid Bias Resistance (in amplifier)								
Optimum Load Resistance								
Anode Dissipation					2.5 wat	to ma	.,	
- •	• •	• •	• •		2.5 wat	LS IIIa.	Σ.	
Interelectrode C	apacit	ies :	••					
Interelectrode C	apacit earthe	ies :	• • •				erofarad	approx.
-	apacit earthe	ies :		• •				approx.
Interelectrode C	apacit earthe odes les	ies : ed) 			5.7 mic	ro-mi	crofarad	

For prices see pages 126-129.



View of underside of base

BASE, 5-PIN.

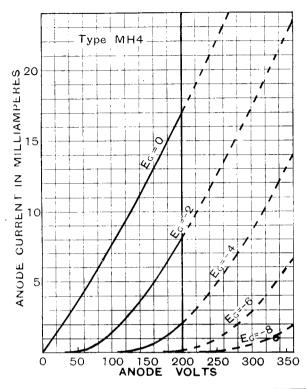
1: Anode 2: Grid

3: Heater 4: Heater

5: Cathode and Metallising

Type MH4 has a carbonised bulb and can be supplied metallised if required.

TYPE MH4



CHARACTERISTIC CURVES OF AVERAGE VALVE.

