

COSSOR D.P./PEN.

16 VOLT ·25 AMP. INDIRECTLY HEATED MAINS OUTPUT PENTODE

For operating moving coil loud speakers, the Cossor D.P./PEN. is supreme among mains indirectly heated D.C. pentodes. It is capable of delivering big, undistorted volume with perfect quality. When occasion arises for using this valve with moving iron loud speakers, a tone corrector should be employed, which is true of any pentode, whether battery or mains operated. The heaters are, of course, intended to be wired in series with a suitable series dropping resistance, so that the current passing through the heater is ·25 amps.

TECHNICAL DATA

Heater Voltage	16	
Heater Current (Amps.)	0·25	
Mutual Conductance .. 3·5 m.a./v. } at	$\left\{ \begin{array}{l} V_a. 10 \\ V_{ag}. 100 \\ V_g. 0 \end{array} \right.$	
Maximum Anode Voltage		250
Maximum Screen Voltage		250
Grid Bias (Anode & Screen Volts 200) ..	-10v.	
Anode Current for 200 Anode Volts and 200 Screen Volts and -10 volts Grid Bias	30 m.a.	
Optimum Load	10,000 ohms	
Bias Resistance	300 ohms	

(The Screen Voltage should never exceed the Anode Voltage).

