

COSSOR 41 M.H.L.

4-VOLT 1 AMP. INDIRECTLY HEATED TRIODE

The 41 M.H.L. has a relatively low impedance and a very high value of mutual conductance. It is admirably suited to work in the detector position when the preceding amplification makes necessary a detector valve of rather low impedance.

As a power grid detector it will be found very sensitive, and in addition will permit of high stage gain. It is recommended that if a transformer follows this valve it should be shunt fed with 30,000 ohms and a coupling condenser of 1 mfd.

When using this valve as an anode bend detector, either resistance capacity coupling or transformer coupling may follow.

TECHNICAL DATA

For Detector or H.F.

Heater Voltage	..	..	..	..	4
Heater Current (Amps.)	..	..	..	..	1
Impedance	..	..	..	11,500	} at $V_a 100$ $V_g 0$
Amplification Factor	..	..	..	52	
Mutual Conductance	..	4.5	m.a./v.		
Maximum Anode Voltage	..	..	..	200	
*Grid Bias for 200 Anode Volts	..	..	..	-3 v.	
Anode Current for 200 Anode Volts with —3 volts Grid Bias (Average)	..	..	..	4 m.a.	
Normal Working Anode Voltage	..	..	..	150	
Bias Resistance	..	..	..	750 ohms.	

* Grid Bias when used as L.F. amplifier.

