

COSSOR 13 D.H.A.

13-VOLT ·2 AMP. INDIRECTLY HEATED DOUBLE DIODE TRIODE

The Cossor 13 D.H.A. is an indirectly heated Double Diode Triode valve in the Cossor ·2 amp. series which may be used in A.C./D.C. or D.C. receivers where the heaters are run in series. This valve is intended for Automatic Volume Control and takes the form of a triode valve with two diodes all sharing the same cathode. The second diode makes it possible to apply delay when using this valve, the extent of which can be regulated as desired by a small negative potential applied to the controlling diode. Used in this way, the sensitivity of the set is not impaired, as A.V.C. will not come into play until the incoming signal reaches a value greater than the delay voltage.

It is to be noted that the Amplification Factor of the Triode portion of the 13 D.H.A. is very large, and the valve is therefore suited for sets in which the preceding H.F. or I.F. gain is only just adequate to provide satisfactory A.V.C.

TECHNICAL DATA

Heater Voltage (approx.)	..	..	..	..	13
Heater Current (Amps.)	..	..	..	..	·2
Maximum Anode Voltage	..	..	..	..	250
Impedance, at Va. 100, Vg. 0	..	..	..	83,300	ohms
Mutual Conductance, at Va. 100, Vg. 0	..	..	1·5	m.a./v.	
Amplification Factor, at Va. 100, Vg. 0	..	..	..	125	

