

COSSOR D.D.T.

4-VOLT 1 AMP. INDIRECTLY HEATED DOUBLE DIODE TRIODE

The Cossor D.D.T. is intended for Automatic Volume Control, and takes the form of a triode valve with two diodes all sharing the same cathode. One diode is usually used as a normal detector, its rectified output being passed to the grid of the D.D.T. for amplification. The other diode is used to provide a D.C. voltage for use in the amplification control of the preceding valves. Delay may be applied to this diode by supplying a small negative D.C. voltage to its anode. 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 values greater than the delay voltage.

TECHNICAL DATA.

Heater Voltage	4	
Heater Current (Amps.)	1	
Maximum Anode Voltage	200	
Impedance (ohms) .. 17,000	} at {	
Mutual Conductance 2.4m.a./v		V_a 100
Amplification Factor .. 41		V_g 0

