

# COSSOR D.D./PEN

## 4-VOLT 1 AMP. INDIRECTLY HEATED DOUBLE DIODE PENTODE

This valve is a special variable-mu L.F. pentode with two small diode valves all sharing a common cathode. This valve is intended for corrected Automatic Volume Control, the gain being varied both in preceding stages and on the pentode portion. This system ensures a very level and perfect control of volume, correcting for the inevitable changes in voltage to the output valve given by more simple systems. Care should be taken, however, to use the values indicated in the instruction slip which accompanies each valve, as variations of coupling will spoil the linearity of volume control.

### TECHNICAL DATA.

|   |          |
|---|----------|
| Heater Voltage .. .. .                            | 4        |
| Heater Current (Amps.) .. .. .                    | 1        |
| Maximum Anode Voltage .. .. .                     | 250      |
| Maximum Screen Voltage .. .. .                    | 200      |
| Maximum Space Current (Anode +<br>Screen) .. .. . | 15 m.a.  |
| Mutual Conduct-<br>ance .. 2.7 m.a./v. } at {     | Va. 200  |
|   | Vag. 100 |
|   | Vg. 0    |

