

# COSSOR 220 H.P.T.

## 2-VOLT ECONOMY PENTODE

The 220 H.P.T. is a pentode valve that will give a generous output for a very small value of high tension current.

The sensitivity of the valve is of a high order, and it is therefore particularly suitable for use when the input is small.

By a suitable adjustment of screen and grid bias voltages, this valve may be adjusted to work with very small anode current. Even when the anode current is cut down as low as 4 m.a., the undistorted output available is much greater than that obtainable from an ordinary power valve consuming twice as much current. This is due to the high efficiency of a correctly designed pentode.

### TECHNICAL DATA

For Pentode Power Output.

Filament Voltage	..	..	2
Filament Current (Amps.)	..	..	.2
Mutual Conductance	..	..	2.5 m.a./v.
Maximum Anode Voltage	..	..	150
Maximum Screen Voltage	..	..	150
Grid Bias for Maximum Anode and Screen Voltage	..	..	- 4.5
Anode Current for Maximum Anode and Screen Volts with - 4.5 volts bias	..	..	8.0 m.a.
Optimum Load	..	..	17,000 ohms

