

# COSSOR 230 X.P.

## 2-VOLT SUPER POWER

The 230 X.P. is a super-power valve, and has the lowest impedance and highest undistorted output of its class. It has a high standing anode current and requires a large signal voltage. In consequence, its main use is found in receivers or amplifiers using H.T. eliminators and which have a preceding L.F. amplifier. The volume and quality of the reproduction under these conditions is, however, extremely good. The valve may be used with a small moving coil permanent magnet speaker.

Two 230 X.P. valves may be used with advantage in a push-pull stage when considerably greater volume can be obtained than with two valves in parallel.

### TECHNICAL DATA

For Extra Power Use.

Filament Voltage	.. . . .	2
Filament Current (Amps)	.. . . .	.3
Impedance (ohms.)	.. . . .	1,500
Amplification Factor	.. . . .	4.5
Mutual Conductance	.. . . .	3 m.a./v.
Maximum Anode Voltage	.. . . .	150
Grid Bias for 150 Anode Volts	.. . . .	-18 v.
Anode Current for 150 Anode Volts with -18 volts Grid Bias (Average)	.. . . .	22 m.a.
Normal Working Anode Voltage (approx.)	120-150	
Optimum Load	.. . . .	3,500 ohms

