

# TRIOTRON

## Indirectly Heated H.F. Pentode.

TYPE  
**S.435.N.**

### Application.

High frequency amplifier, Detector, or Frequency Changer in Super-Heterodyne receivers. Type S.435N can be used in any A.C. mains receiver now employing a screen grid valve as H.F. amplifier or detector. Type S.435N operates most satisfactorily as an anode bend detector used under the following conditions.

Anode voltage, 200 V.

Screen grid voltage, 40 V.

Anode resistance, 250,000 Ohms.

Bias resistance, 5,000 Ohms.

The valve is supplied with metallised bulb, the coating of which is connected to the cathode.

### Operating Data.

Filament voltage ..	Vf.	= 4 Volts.
Filament current ..	If.	= 1.1 Amp.
Max. anode voltage ..	Va. max.	= 200 Volts.
Max. aux. grid voltage	Vag. max.	= 100 Volts.

### Average Characteristics.

Anode Impedance	Slope	Amplification Factor	Anode Grid Capacity
1,450,000 Ohms	3.5 mA/V.	5,000	.002 m.mF.

(Supplied with 5 and 7-pin Base.)

