

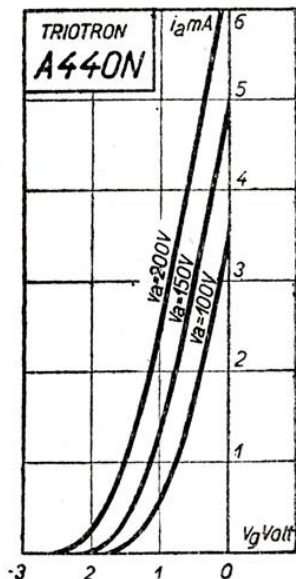
# TRIOTRON

## Indirectly Heated Non-Microphonic Detector Valve.

TYPE  
**A.440.N.**

### Application.

Detector valve in all receivers operated from A.C. mains. Its high amplification factor makes it particularly suitable for use in receivers having no high frequency amplifying stages, whilst the steep slope enables the valve to work as an efficient low frequency amplifier. A high anode voltage should be used, and the valve must be supplied with grid bias. At the maximum anode voltage of 200 V.,  $-1.5$  V. grid bias should be applied. This may be obtained by including a resistance of 1,000 ohms in the cathode return lead.



### Operating Data.

Filament voltage	..	$V_f$	= 4 Volts.
Filament current	..	$I_f$	= 1.0 Amp.
Max. anode voltage	..	$V_a$ max.	= 200 Volts.

### Average Characteristics.

Anode Impedance	Slope	Amplification Factor
30,000 Ohms	4.0 mA/V.	120