



# Marconi KTW63

Variable Mu H.F. Tetrode

Marconi KTW63 is a kinkless tetrode for H.F. and I.F. amplification. It replaces the pentode type W63.

### Inter-electrode capacities

(with screening can)

G—A	.0035 $\mu\mu$ F
A—E	10.0 $\mu\mu$ F
G—E	4.9 $\mu\mu$ F

**Nominal Rating, see curve**

**Dimensions :** 120×40 mm. Octal base ; for connections see pages 4-5.

### Typical Operating Data.

As H.F. amplifier

Anode Voltage	...	...	...	...	...	...	...	250
Screen voltage	...	...	...	...	...	...	...	100
Grid bias	...	...	...	...	...	...	...	-3
Bias resistance	...	...	...	...	...	...	...	300 ohms

### Notes.

The grid base with fixed screen voltage is 40 v. This may be extended by feeding the screen from a series resistance so that the screen voltage rises as the negative bias is increased. A 50,000 ohm screen feed gives a grid base of 150 volts. Intermediate values can be obtained by using high resistance potentiometers. The total effective resistance between cathode and grid should not exceed 2 megohms. The valve is not metallised and where screening is required a can should be used.

Price - - 10/6