

Marconi MKT4

(replaces MPT4)

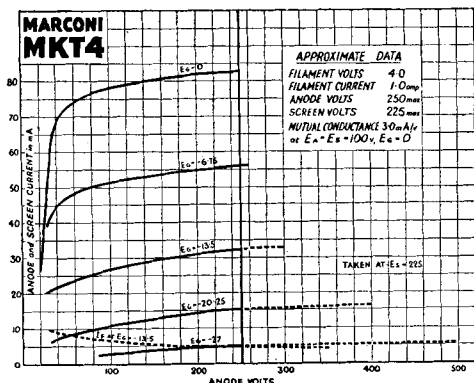
Output Tetrode

Marconi MKT4 is a suitable output valve for all A.C. receivers where medium power is required with high efficiency.

Nominal rating, see curve.

Inter-electrode capacities.

A—G	0.8 μ F
G—E	11.0 μ F
A—E	9.1 μ F



Dimensions : 118×45 mm. 5 or 7 pin base ; for connections see pages 4-5.

Typical Operating Data.

Single Valve, Class A.

Anode voltage	...	...	...	250	250
Screen voltage	...	...	...	200	225
Grid bias	...	...	...	-10.5	-13.5
Anode current	...	...	...	32	32
Screen current	...	...	...	4.0	5.0
Power output	...	...	...	2.5 watts	3.2 watts
Optimum load	...	...	...	8000 ohms.	7000 ohms.
Bias resistance	...	...	...	270 ohms.	360 ohms.

Two Valves, Class AB₁

Anode voltage	...	...	...	...	250
Screen voltage	...	...	...	...	225
Grid bias	...	...	...	...	-15
Anode current, per pair	...	...	...	...	64 mA
Screen current, per pair	...	...	...	...	12 mA full drive
Power output	...	...	...	...	6.5 watts
Optimum load	...	...	...	...	11,000 ohms
Common bias resistance	...	...	...	...	200 ohms

Notes.

There is some variation in screen current with signals and for maximum output it is therefore desirable to feed the screen from a potentiometer instead of a series resistance. In practice the feed to the earlier stages can be made to take the place of the lower element. The total resistance in the grid cathode path should not exceed 0.5 megohm.

Price - - 10/6