

MARCONI X23

Marconi X23

2 volt Triode Hexode

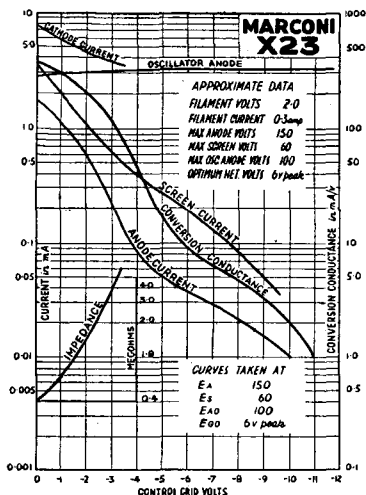
Marconi X23 is a triode hexode frequency changer particularly suitable for all-wave receivers.

Its design ensures easy oscillation and lack of "pulling" at the highest frequencies.

Nominal Rating, see curve.

Inter-electrode capacities
(metallised valve).

G ₁ —A	0.05 μ F	A ₀ —E	9.8 μ F
G ₁ —E	6.3 μ F	G ₀ —E	21.5 μ F
G ₁ —G ₀	0.5 μ F	G ₀ —A ₀	4.1 μ F
A—E	17.5 μ F		



Dimensions : 120 × 42 mm. 7 pin base ; for connections see pages 4-5

Typical Operating Data.

Anode voltage	...	...	...	...	150
Screen voltage	...	...	...	...	60
Oscillator anode voltage	...	...	...	...	150 through 20,000 ohms
Grid bias	...	...	...	...	-1.5
Heterodyne voltage	...	...	...	...	6 peak
Anode current	...	...	...	...	0.7 mA
Screen current	...	...	...	...	1.7 mA
Oscillator anode current	...	...	...	...	2.1 mA

Notes.

A tuned grid circuit is normally recommended. Comparatively loose coupling can be used between grid and anode circuits since the triode has adequate slope. If the screen is fed through a series resistance from maximum H.T. instead of from a tap on the battery, the grid base is greatly extended. A method which retains a reasonably short grid base is to feed the screen through 20,000 ohms from the oscillator anode this being fed from maximum H.T. through a further 20,000 ohms.

Price - - 10/6