

**MARCONI  
KT 41**

# Marconi KT41

(replaces N41)

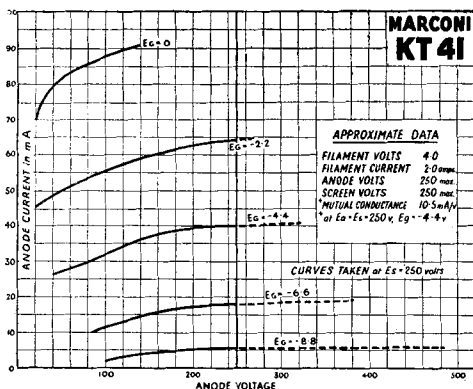
Output Tetrode

Marconi KT41 is a high slope output valve giving a large output for a very small grid swing.

Nominal rating, see curve.

Inter-electrode capacities.

G—A	1.3 $\mu$ F
A—E	11.3 $\mu$ F
G—E	21.0 $\mu$ F



Dimensions : 145×56.5 mm. 7 pin base ; for connections see pages 4-5.

## Typical Operating Data.

### Single Valve, Class A.

Anode voltage	...	...	...	250	250	250
Screen voltage	...	...	...	200	225	250
Grid bias	...	...	...	-3.5	-4.0	-4.4
Anode current	...	...	...	32	35	40 mA
Screen current	...	...	...	6.5	7.5	8.5 mA
Power output	...	...	...	3.2	3.5	4.3 watts
Optimum load	...	...	...	8,500	7,500	6,000 ohms
Bias resistance	...	...	...	90	90	90 ohms

### Two Valves, Class AB<sub>1</sub>.

Anode voltage	...	...	...	250	
Screen voltage	...	...	...	250	
Anode current, per pair	...	...	...	56 mA, no signal	60 mA, full drive
Screen current, per pair	...	...	...	12 mA, no signal	20 mA, full drive
Power output	...	...	...	8.6 watts	
Optimum load	...	...	...	10,000 ohms	
Common bias resistance	...	...	...	90 ohms	

## Notes.

Grid and anode stoppers of 10,000 and 100 ohms are recommended. The total resistance in the grid-cathode path should not exceed 0.5 megohm and full automatic bias should always be used. Owing to its high sensitivity this valve is particularly suitable for negative feed-back circuits.

Price - - 10/6