

Marconi KT32

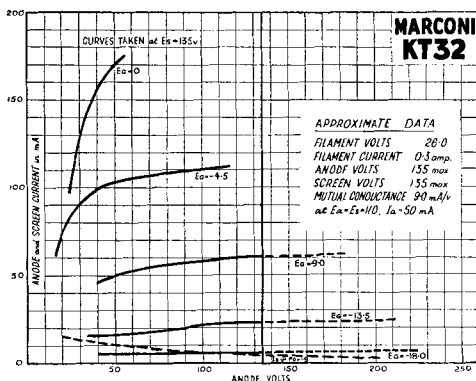
Output Tetrode

Marconi KT32 uses aligned grid construction. It is suitable for the output stage of A.C./D.C. receivers including those for 100 volt mains.

Nominal Rating, see curve.

Inter-electrode capacities.

| | |
|-----|--------------|
| A—G | 1.4 μ F |
| A—E | 12.0 μ F |
| G—E | 21.0 μ F |



Dimensions : 119×45 mm. Octal base ; for connections see pages 4-5.

Typical Operating Data.

Single Valve, Class A.

| | | | | | |
|--------------------------|------|------|------|------|-----------|
| Anode and Screen voltage | 135 | 135 | 110 | 110 | 90 |
| Anode current | 75 | 60 | 60 | 50 | 44 mA |
| Screen current | 5 | 5 | 4 | 4 | 4 mA |
| Optimum load | 1300 | 1300 | 1600 | 1600 | 1600 ohms |
| Power output | 3.5 | 2.8 | 2.3 | 2.3 | 1.2 watts |
| Bias resistance | 95 | 145 | 95 | 130 | 95 ohms |

Two Valves, Class AB₁

| | | | | |
|--|-----|-----|-----|------------------|
| Anode and screen voltage | ... | ... | ... | 135 |
| Combined anode and screen currents, no signal | ... | ... | ... | 100 mA and 8 mA |
| Combined anode and screen currents, full drive | ... | ... | ... | 135 mA and 20 mA |
| Anode—anode load | ... | ... | ... | 2,500 ohms |
| Power output | ... | ... | ... | 7.5 watts |
| Bias resistance, each valve | ... | ... | ... | 200 ohms |

Notes.

To prevent parasitic oscillation grid and anode stoppers are recommended, 5000 and 25 ohms being suitable values. KT32 can also be used triode strapped for push-pull operation, in this case 100 ohm stoppers should be used in the screen connections.

Price - - 12/-