

murphy 237

A 7-valve supersonic-heterodyne battery receiver, fully tropicalised for use in any climate. Consumption: Low Tension 25 amp. at 1.5 volts. High Tension approximately 10 mA at 90 volts under 'no-signal' conditions.

WAVE RANGES : *Bandspread Short Waves*

11 metre band 24.35 – 26.45 Mc/s.

13 metre band 20.0 – 21.9 Mc/s.

16 metre band 17.15 – 18.3 Mc/s.

19 metre band 14.55 – 15.8 Mc/s.

25 metre band 11.5 – 12.6 Mc/s.

31 metre band 9.25 – 10.22 Mc/s.

'S' Band

3.2 – 9.3 Mc/s. (93.7 – 32.3 m.).

'M' Band

525 – 1605 Kc/s. (571 – 187 m.).

VALVES :

Frequency changer.

I.F. amplifier.

Detector and audio amplifier.

Phase inverter.

Push-pull output stage.

Tuning indicator.

CABINET :

Black and gold plastic with large tuning scale.

CONTROLS :

Left to right: Tone and scale illumination; Volume and on/off; Tuning; Wavechange. At back, local/distant switch.

DIMENSIONS :

12¾ in. high, 18¼ in. wide, 7¾ in. deep.
(32½ cm. by 46½ cm. by 19¾ cm.).

WEIGHT :

Approx. 13½ lb. (6 kilo).

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a very good battery set

WE could call this new Murphy TB237 battery set 'the best in the world' or 'the finest in existence'—but just because it *is* so good we feel we can afford to be modest about it. When you've read about it in this leaflet and seen it and heard it play we think you'll supply the superlatives—the words like 'best' and 'finest.' At least, we hope you will!

The 237 is a seven-valve superhet with a push-pull output stage and a very sensitive elliptical speaker. These two combine to give it a remarkably high standard of reproduction—better than in many mains sets.

Seven valves? you say. Push-pull output? Surely that means a very big drain on the batteries? That's just what it doesn't mean—the valves are of a new type and use only half as much current as other battery-set valves. As a result we've been able to add extra refinements like push-pull and still keep battery consumption low.

As you'll see from the picture, the tuning scale is very large. It has to be to accommodate the six fully bandspread short waves and the ordinary short and medium waves besides. Bandspreading is new in battery sets and you'll find it a great help in tuning to all the stations the powerful TB237 will bring in on these waves. And to make the tuning really foolproof there's an entirely new type of electronic tuning indicator.



The 237 has many other new features, too: there's a three-position tone control and scale illumination switch, fly-wheel tuning, 'gram pick-up sockets—too many things, in fact, for us to mention them all here.

What about looks? Well, we might call the 237 the 'best-looking battery set in the world'—but since we're being modest we won't. We'll just say it looks very handsome in its black and gold plastic cabinet, and as we said to begin with, we'll leave the superlatives to you!