

# ***murphy 156***

A 6-valve mains driven superhet receiver, fully tropicalized, and therefore suitable for use in any climate Available for the following voltages:

**TA156:** for a.c. mains only  
90-160 volts and 190-250 volts, 40-100 cycles  
Consumption: 63 watts (approx.)

**TU156:** for a.c. or d.c. mains  
200-250 volts d.c. and 200-250 volts a.c., 25-100 cycles  
Consumption: 68 watts (approx.)

**WAVE RANGES:**

<b>BANDSPREAD SHORT WAVES</b>	11 metre band (26.85-24.5 Mc/s)	<b>S. BAND</b> 36.5-100.8 metres (8.25-2.95 Mc/s)
	13 metre band (22.6-20.6 Mc/s)	
	16 metre band (18.6-17.3 Mc/s)	
	19 metre band (15.7-14.7 Mc/s)	
	25 metre band (12.2-11.47 Mc/s)	
	31 metre band (9.9-9.4 Mc/s)	
	<b>MEDIUM WAVES</b> 185-560 metres (1630-535 Kc/s)	

**VALVE TYPES:**

**TA156:** Mazda 6F15, 6C1, 6F15, 6LD20, 6P25, UU6

**TU156:** Mazda 10F9, 10C1, 10F9, 10LD11, 10P14, U404

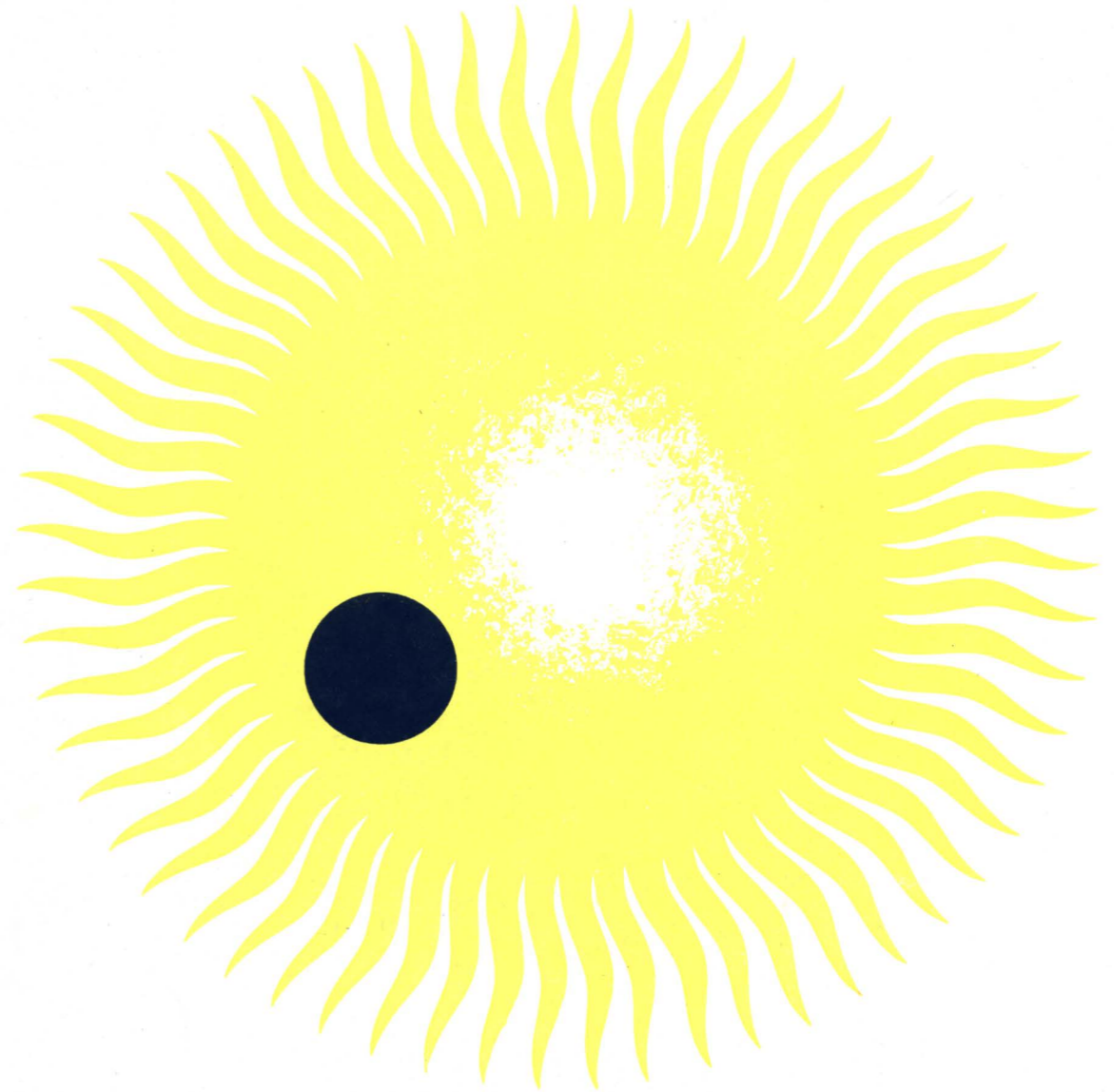
**CABINET:** The body is of Australian walnut, with narrow wings of natural beech at either side of the front panel. A notable feature is the large and colourful tuning scale.

**CHASSIS:** The chassis has been designed for maximum accessibility and a detachable cabinet base adds to this feature.

**CONTROLS:** Left-hand pair: top, on/off, Radio-to-gram, tone; below, volume control. Right-hand pair: top, wavechange; below, tuning.

**DIMENSIONS:** 21 in. by 10½ in. by 17½ in. tall (53 cms. by 27 cms. by 44.5 cms. tall)

**WEIGHT:** TA156: 31.5 lb., 14.25 Kgs. TU156: 27 lb., 12.25 Kgs.



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# A THOUSAND MILES FROM NOWHERE . . . . . ?

There are advantages—as the poets tell us and you know from experience—in living ‘far from the madding crowd’. And, of course, disadvantages. One of which is that you can’t expect to get good regular radio reception from the Medium Wave Stations. True?

Then, here’s some good news for you. The Murphy 156 is designed to give you far better Medium wave reception over long distances than you have ever heard in any comparable model. We can’t, of course, control reception conditions, but if you have a good aerial—and if you haven’t you don’t deserve good results—you can now tune in regularly on the Medium Waveband and expect to hear stations 1,000 and more miles away.

Is this achieved at the expense of Short Wave reception? No, it certainly is not. We’ve done it by incorporating a high gain r.f. stage in the Medium Waveband, as well as on the Short Waveband. And, as serious Short Wave listening depends so much on easy tuning, the Murphy 156 gives you full bandspread tuning on six Short Wavebands as well as “one sweep” coverage from 38 to 100 metres. Flywheel tuning allows any band to be traversed by a spin of the control.

## SUN SPOTS AND ALL THAT

You have probably heard a lot about sunspots recently but perhaps you didn’t know that they had any connection with radio reception on the very short wavebands. Sunspot activity varies in a regular manner reaching a peak every eleven years or so and reception on 11 m. and 13 m. is then at its best. At the moment sunspots are tending to become less frequent and you may not find the 11 m. band very useful for a year or two. But we have included it in this set because we know that reception on that band will improve again in a few years and will remain good for seven or eight years after that. We expect you to keep the set at least that long and we wouldn’t be surprised if it lasted you through the whole eleven-year cycle into the following good period.

