

murphy

The obvious advantages of a Table Model Television Receiver are first that it takes up less room than a floor model and next, but quite important, that it should cost less. But if the small size and the lower price are obtained by cutting the specification then your Table Model may not prove so good after all. When you're buying sound only, as in an ordinary radio set, you may be able to put up with a poor reproduction. Indeed lots of people do. They say 'it sounds all right to them', even though trained ears may think it horrible. But you can't cheat your eyes as easily as your ears. Distortion of sound may be bearable—even likeable to some ears. Who said crooning? But if the picture on your Television Screen is distorted, if it waggles about or "melts" then no living soul is going to find that pleasant or enjoyable to watch.

So we come to our first Table Television Set, the V114. It is small because we have made use of what we learned during the war about miniature valves and other components. But the picture (7½" x 6") is sharp, steady and bright. In short we have saved the space and lowered the cost without endangering either sound or vision.

TELEVISION



see for yourself

The V114 is a receiver for Television sound and vision only. Very good pictures can be obtained up to about 50 miles—in tests quite passable pictures have been received at 80 miles from the transmitter but this would only be in specially favourable spots. The black and white picture is 7½" wide by 6" deep and sharp and photographic in quality. A special noise suppressor is included to eliminate interference from car ignition. The top and front of the cabinet is of rosewood and the lower part, veneered in mahogany and carrying speaker and controls, is set back. Apart from giving emphasis where it is wanted, to the screen, the design makes servicing of the receiver exceptionally easy. The speaker bars are splayed outwards from the centre, partly concealing a plain gold rayon fabric.

TABLE MODEL V.114
£54.0.0
 PURCHASE TAX £12.12.0
 15. 15. 0

TELEVISION

SPECIFICATIONS

Television Receiver for AC Mains, 200-250 volts, 50 cycles.

DETAILS

SOUND AND VISION RECEIVER. A very good performance has been obtained by the use of miniature valves in a straightforward super-heterodyne circuit. A stage of radio-frequency amplification followed by a special frequency changer gives a good signal to noise ratio, enabling full advantage to be taken of the sensitivity of the receiver.

A new noise suppressor incorporated in the sound receiver gives practically complete freedom from interference caused by car ignition systems. The use of an 8" P.M. speaker in a cabinet that is practically free from resonances sets a high standard in table set reproduction.

SYNCHRONISING. A simple diode circuit is used which gives extremely stable synchronisation. Once set up the hold controls rarely need adjustment.

TUNE BASES. Circuits are incorporated that have proved their worth in previous Murphy Television Receivers. Gas discharge triodes are used that are easy to control and which are stable in operation.

POWER SUPPLY. A single transformer provides all the requirements of the receiver. It is of generous construction and fully impregnated to avoid breakdown.

VALVES

MAZDA 4F12. Common R.F. amplifier for sound and vision.	MAZDA DD41. Noise suppressor.
Vision I.F. amplifiers (Two).	MAZDA 6A55. Sound output.
Sound I.F. amplifier.	Frame scan output.
MAZDA 8L18. Local oscillator.	MAZDA T41. Frame scan generator.
MAZDA 4D2. Double diode frequency changer.	Line scan generator.
MAZDA 6D1. Vision sound detector.	MAZDA 6A66. Line scan output.
MAZDA HL41DD. Sound second detector and amplifier.	MAZDA U22. High voltage rectifier.
	MAZDA CR92. Cathode Ray tube.

CONTROLS

FRONT Top left, contrast; bottom left, brightness. Top right, volume and on-off; bottom right, focus.

REAR From left to right are—Plane lock, line hold, frame amplitude, line amplitude, line linearity and sensitivity, the last four being pre-set.

SIZE 21" HIGH x 15" WIDE x 19" DEEP

CONSUMPTION IN WATTS

V.114

YOUR DEALER
 murphy

W. J. HENDERSON & CO, LTD
 801, VICTORIA ROAD,
 B. W. 10.

TELEVISION
 murphy
 ● V.114 Table model