

MURPHY "A3 PEDESTAL" RECEIVER.

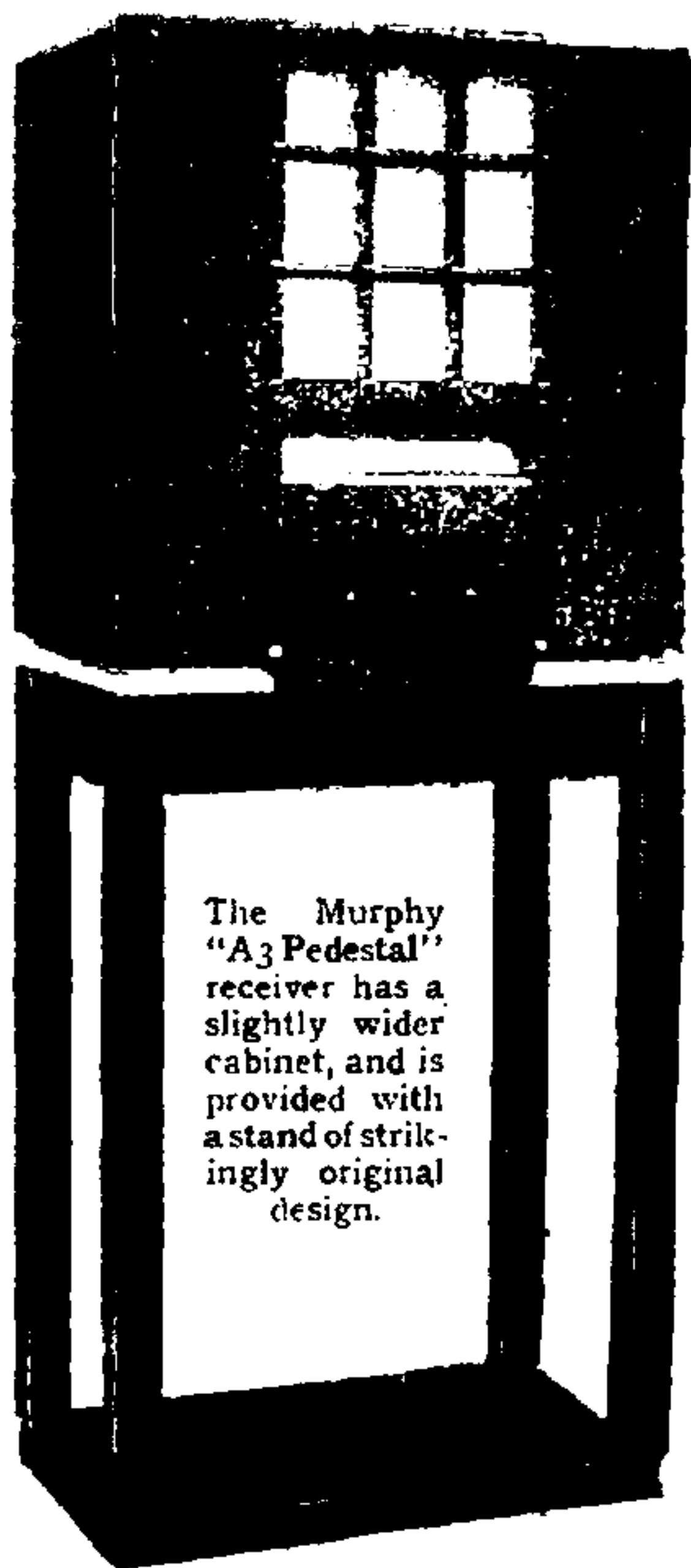
A De Luxe Model Incorporating Many Detail Refinements.

THIS latest addition to the range of Murphy receivers is a development from the well-known A3 model. It in no way supersedes the latter receiver, which is being continued as a table model at 17 guineas, but may be regarded as a de luxe version incorporating a number of

precisely the same conditions as those under which the original model was tested (*The Wireless World*, July 29th, 1931), revealed a distinct improvement in selectivity without any apparent diminution of the excellent range and sensitivity.

A further reduction has also been effected in the level of mains hum, and this is now quite inaudible outside a radius of two or three feet from the loud speaker fret. This improvement is attributable to the use of an 8-mfd. and two 4-mfd. electrolytic condensers in the smoothing circuit in place of the paper condensers in the original model, and to the fact that the L.F. transformer is orientated to reduce coupling with components associated with the supply mains.

An alteration has also been made to the volume control, and the input volume-control resistance is no longer ganged with the reaction knob on the front panel. It is now mounted at the back of the set, and may be

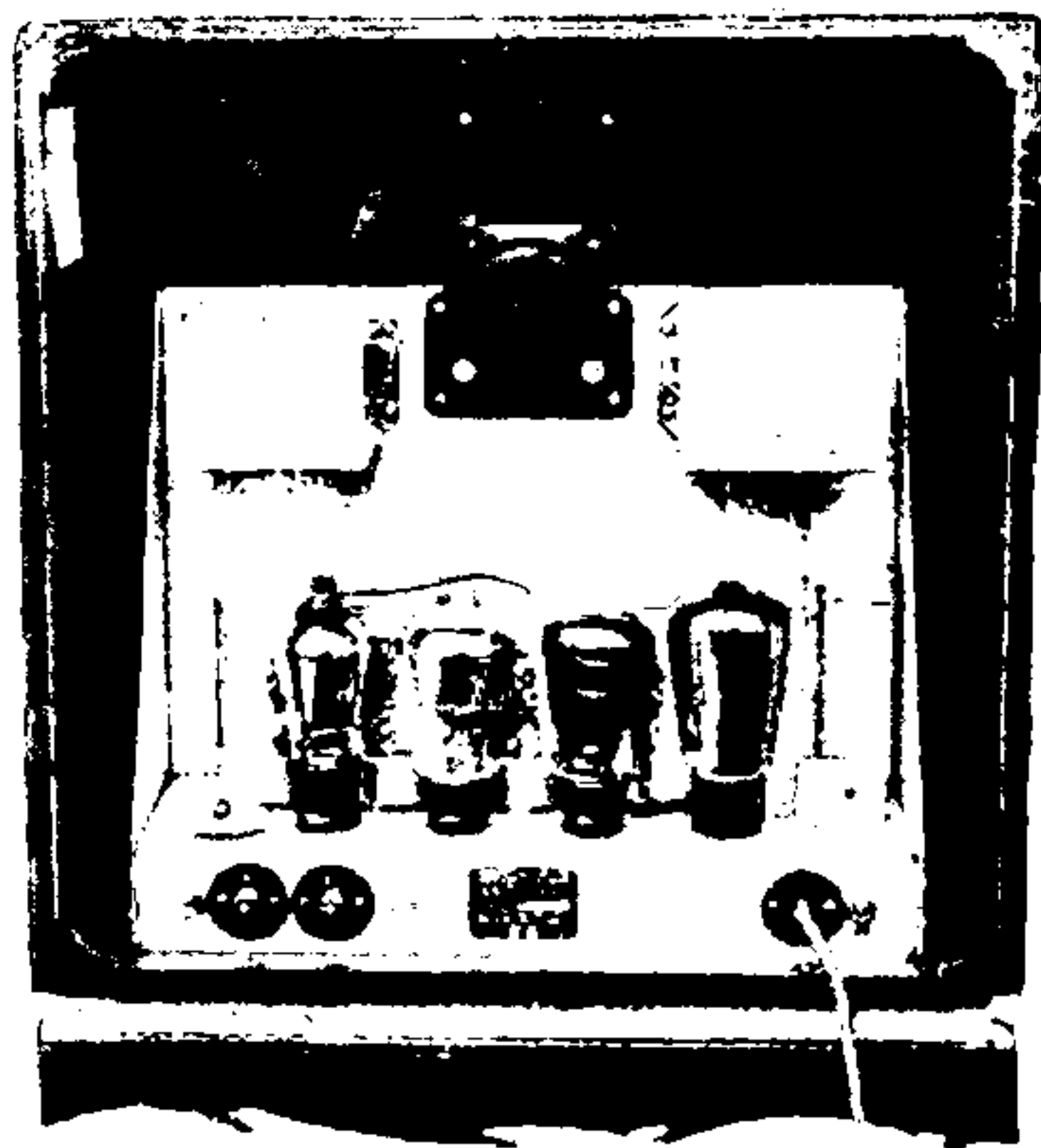


The Murphy "A3 Pedestal" receiver has a slightly wider cabinet, and is provided with a stand of strikingly original design.

detail refinements emanating from the experience of more than a year's manufacture and servicing of the original design.

The cabinet of the pedestal model is several inches wider than that of the standard A3, and the general appearance in conjunction with the solid-based stand is distinctive. The set is readily detachable from the stand, but cannot be purchased separately.

Perhaps the most important difference is to be found in the tuning coils. In the original design these were of the flat, basket-wound type, but the new model employs single-layer cylindrical coils in vertical screening cases. The coupling inductances in the band-pass input circuit have also been reduced in value. A test carried out within five miles of Brookmans Park, under pre-



No back is fitted to the "A3 Pedestal" receiver. Note the new cylindrical coil screens and electrolytic condensers behind the valves. The auxiliary volume control star wheel is on the left of the screen-grid valve holder.

pre-set to local requirements by a metal star wheel near the "Local-Distance" switch.

The volume and quality of reproduction maintain the high standard of the original A3, but the sphere of usefulness of the "Pedestal" model has been extended by the incorporation of a gramophone pick-up jack.

The price of the "A3 Pedestal" receiver is 19 guineas, and the makers are Murphy Radio, Ltd., Welwyn Garden City, Herts.