

**Circuit** The circuit of the A100 follows standard superhet practice and uses five of the new Mazda glass-based valves (including the rectifier). Medium and long wave bands are covered, so providing good reception of all three B.B.C. programmes.

**Loudspeaker** A 5-inch permanent magnet loudspeaker is fitted giving a very pleasing quality of reproduction.

**Controls** The four controls provided are: Volume, On/Off switch, Wave-change switch and Tuning.

**Aerial** The Mains Lead is of generous length and has a third core which can be used as an aerial for the reception of local stations. If more range is required, a length of wire or an outdoor aerial may be plugged into the aerial socket.

**Cabinet** The moulded cabinet and control knobs are maroon with a gold coloured fabric fitted behind the loudspeaker opening. The scale is printed in two colours on a gold background.  
Size: Length 9", Depth 4½", Height 7½".

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CUSSINS & LIGHT LTD.  
RADIO SPECIALISTS,  
KINGS SQUARE, YORK.

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A.C.  
PORTABLE  
A.100

**I**F NEITHER MONEY NOR SPACE MATTERED, no doubt we should all own magnificent radiograms. But until that happy day it is part of our job at Welwyn to design sets for the limited pocket and the limited space. Hence the A100—a small set and a low priced set, but designed like all Murphy Sets to give long, faithful service of high quality. The smallness is not achieved—as in some so-called ‘midget’ sets—by sacrificing quality, get-at-ability and even safety, but by making full use of the miniature technique that we have learned in our war work for the Services. Tiny all-glass valves are used, for instance, but their strength and durability is if anything greater than before. These and other components are scaled down in size but not in performance. One physical snag does arise with a small set. Good bass reproduction is difficult because of the small baffle area. (If you don’t understand that it doesn’t matter. You can take it as a fact.) So in the A100 we’ve taken steps to accentuate the bass response electrically, so giving a properly balanced reproduction. Putting it very simply indeed, you’ll find that there is none of that squeaky, thin, piping effect that you associate with very small sets.

**W**E think lots of people will want to buy the A100 as a second set. It is so light and handy and needs no outside aerial since a third wire in the Mains Lead acts in this capacity. (Incidentally we ought to say here that where you can use an external aerial, of course you’ll get better results.) All the same the A100 will give first-class results on local and powerful stations simply by plugging



in the Mains Lead. Just because of this convenience people are likely to be taking the set from room to room, plugging it in and sticking it down wherever happens to be most convenient at the moment; on the desk perhaps, or a table in the middle of the room, or the arm of a chair. So there is no back and front, so to speak, to the A100. Loudspeaker openings are on both sides and so is the two-wave dial with station names. The four controls—On/Off; Wave-change; Tuning; Volume; all operate on the top of the set and so are equally accessible from either side. So you’ll find it a most handy and convenient set, really portable, ready to work wherever there’s a suitable plug point and looking smart and efficient wherever you plant it.

**£12.0.0**

PLUS PURCHASE TAX

**£2. 13. 4**