

murphy A224R

A supersonic heterodyne receiver and record reproducer for A.C. mains (90-160 and 190-250 volts, 40, 50 or 60 cycles). Consumption: 47 watts (radio), 77 watts (gram) approx.

WAVE RANGES: Bandsread Short Waves
11 metre band 25·05-27·65 Mc/s.
13 metre band 21·05-23·3 Mc/s.
16 metre band 17·35-19·15 Mc/s.
19 metre band 14·65-16·05 Mc/s.
25 metre band 11·52-12·7 Mc/s.
31 metre band 9·26-10·24 Mc/s.
S. Band
3·2-9·3 Mc/s. (93·7-32·3 m.)
M. Band
530-1605 Kc/s. (556-187 m.)

VALVES: Ediswan or Mazda 6C9, 6F15 or 6F16 (or Philips or Mullard EF41), 6LD3 (or Philips or Mullard EBC41), 6P1, UU9, Philips or Mullard EM34.

GRAM: A Garrard RC75A automatic record changer is fitted to take 12 in., 10 in. or 7 in. records (unmixed). Two high quality pick-ups are provided: one for 78 r.p.m., the other for "long-playing" records (45 or 33 $\frac{1}{2}$ r.p.m.).

CABINET: The main body of the cabinet is veneered in sapele mahogany, the lid being veneered in pomele mahogany on top and sapele inside. The sides of both the gram and radio compartments are lined with a contrasting shade of leather-cloth.

CONTROLS: Inside cabinet, from left to right: ON/OFF and treble, bass, tuning, wavechange and gram. Front of cabinet: volume control.

OTHER FEATURES: Magic eye tuning indicator. Special ten-inch speaker with a very high flux magnet. The cone has been specially developed to suit the electrical response of the set and the acoustics of the cabinet.

DIMENSIONS: 32 $\frac{1}{4}$ in. high, 35 $\frac{3}{4}$ in. wide, 16 $\frac{1}{4}$ in. deep.
(82 cm. by 91 cm. by 41 cm.)

WEIGHT: 73 lb. (33·3 kilo.).



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music, music, music . . .

Why the emphasis on music? Because this fine new Murphy radiogram, the A224R, is first and foremost an instrument for reproducing music. And it fulfils this function supremely well.

The A224R will give you the kind of reproduction you've often dreamed about—and never heard—from all your records, standard and long-playing, classical and swing. There are two high quality pick-ups, one for "ordinary" (78 r.p.m.) records and one for "long-players" (33 and 45 r.p.m.).

Various circuits, including a frequency-selective negative feed-back path, give ample bass compensation, and you can get the exact amount you want for any record by turning the bass control. To complete the reproducing process there's a very special extra high flux density 10 in. loudspeaker which gives the set a sound volume as high as any on the general market today. And the quality of reproduction is maintained too, even at such great volume.

In between listening to your records you can roam the world with the



radio side of the set. The A224R has a remarkable range on its eight wavebands, and to help you get the station you want there's bandspreading and a "magic eye" tuning indicator.

When you don't want to listen to anything at all, you can just sit back and admire the cabinet—it's veneered in pomele and sapele mahogany and it's well worth looking at.