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M U R P H Y M U R P H Y

Only a limited number of dealers are appointed to sell
 Murphy sets. Each one is selected for his ability to give sound advice
 and good service, and for his intention to give his customers a "square
 deal". Incidentally, he makes less profit on a Murphy than he does
 on other sets, and the saving is passed on to you in the price.
Y O U R M U R P H Y D E A L E R I S —

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R A D I O R A D I O

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*I*N THE SMALL SPACE AVAILABLE TO ME ON THIS page, I am supposed to *convince* you that Murphy sets are the best you can buy. Well, to be quite honest, I do not believe that anything I or anybody else can say in a small booklet is likely to convince you as to which is the best set. You will obviously make up your own mind after hearing the receivers themselves. When you are thinking of buying, all I ask is that you go to a Murphy Dealer and give Murphy sets unbiased consideration. Hear them against any other make you fancy—I am quite happy to let Murphy sets take care of themselves. If you then think Murphy is easily the best, there is no need for me to go on talking, but if you are still somewhat undecided which make you ought to pick, keep this fact in mind: Because of the way they are made, Murphy sets have a very *HIGH EXPECTATION OF LIFE*. That is a phrase I have borrowed from the Insurance world. It means that we expect the vast majority of Murphy sets to last a very long while without giving trouble, and to maintain a good value even after years of wear. Some kind of proof? Well, just look in dealers' windows and see for yourself how rare Murphy second-hand sets are. People like to hold on to their Murphys as long as they possibly can, and if there *are* any for sale, they are very soon "snapped up" again.

E. J. POWER, *Managing Director*.

EVERY MURPHY SET HAS A HIGH EXPECTATION OF LIFE!

OUTSTANDING FEATURES OF MURPHY SETS ★ ★ ★

TRUTHFUL REPRODUCTION. Probably our chief aim ever since Murphy Radio began has been to secure better and better reproduction. The result of this policy is that Murphy sets are known all over the country for their unusually faithful tone. The "40" series, for instance, gives more accurate reproduction than any other set we have ever heard. Whether you spend £7 or £85 on a Murphy set, it is a fact that you will enjoy the best reproduction it is possible to buy at anything like the price you are paying.

RELIABILITY. Murphy are the sets with the "HIGH EXPECTATION OF LIFE." In our opinion they are the most reliable sets you can buy. Naturally, an occasional Murphy (out of the many thousands we make) does break down—we are not perfect—but the chances are all in favour of your Murphy giving you a long trouble-free life of enjoyable entertainment. All Murphy sets are guaranteed for twelve months.

EASY TUNING. We have always endeavoured to make Murphy sets simple to use. We were the first to have a single tuning dial marked with actual wavelengths. We pioneered Automatic Tuning Correction (only in the dearer sets, of course), and in 1937 we introduced the Alphabetical Station Name Scale. We were the only people using it then, and we are still the only people using it to-day. We try to design Murphy sets, whether fitted with the A B C scale or not, so that they can be used by everybody in the family, and not only by "experts."

SHORT WAVES. Practically all the Murphy models include Short-Wave reception. We have been at some pains to design a satisfactory short wave system which does not greatly increase the cost, nor impair the quality of workmanship and performance normally available in Murphy sets.

GROUP 46

ALL-WAVE MAINS MODELS

The sets in this group comprising a table model, console model and a radiogramophone are extraordinarily good value for money, as you will agree if you will examine them for yourself. Look at the A.C. table set at only £9 10s. for instance. Each model in the group is an All-Wave Supersonic Heterodyne Receiver with excellent range and selectivity. The wave ranges are :—

16.7-50 METRES. 200-550 METRES. 950-2,000 METRES.

Reproduction, as on all Murphy sets, is of a very high standard, the console and radiogramophone being better than the table model, because the larger cabinets provide a greater baffle area and enable us to use larger and more sensitive loudspeakers.

Tuning is extremely simple. Names of over 50 of the principal short, medium and long-wave stations are shown on the three-colour scale, each wave-band in use being separately illuminated. There is a special "two-speed" drive on the tuning control, giving normal and slow-motion tuning. This slow-motion control enables you to pick out the very closely grouped short-wave stations, and changes short-wave tuning from what is normally a "tricky" business into the easiest single-knob method available.

The three sets in this range, together with other individual detailed particulars, are shown on the following three pages.



GROUP
46

Table model

All-Wave Supersonic Heterodyne Receiver fitted with continuously variable tone control and automatic volume control on A.C. and D.C./A.C. Models, and with sockets for gramophone pick-up connections on the A.C. Model only. The cabinet, like all Murphy cabinet work, is well constructed and beautifully finished. The veneers are contrasting French walnut and black walnut, and the loudspeaker opening has a narrow white surround which gives a very distinctive touch to the design.

A.C. Model for use on
100-125v. and 200-250v.,
50-100 cycle A.C. Mains.

£9.10s

D.C./A.C. Model for use
on 200-250v. D.C. Mains
or 200-250v., 25-100
cycle A.C. Mains.

£9.15s

Size : 17½" high x 18½" x 10½". Weight : 24 lbs.

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TO SUIT YOUR CONVENIENCE

GROUP
46

Console

All-Wave Supersonic Heterodyne Receiver. A large and sensitive loudspeaker giving very great volume output is built into a correctly proportioned sound chamber. This results in the Murphy "Console Quality" which those with an ear for good music will readily appreciate. Continuously variable tone control and automatic volume control are fitted on both A.C. and D.C./A.C. Models, and gramophone pick-up sockets are included in the A.C. Model only.

This Console cabinet is in dark and medium-toned walnut, and stands on a plinth to match. The controls are set on a sloping top panel of feather-grained walnut, so that the set can be operated easily whether you are standing up or sitting in a chair.

A.C. Model for use on 100-125v. and 200-250v., 50-100 cycle A.C. Mains. **£13.15!**

D.C./A.C. Model for use on 200-250 v. D.C. Mains, or 200-250v., 25-100 cycle A.C. Mains. **£14**

Size : 31" high x 22" x 10".
Weight : 40 lbs.

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GROUP
46

Radiogramophone

All-Wave Supersonic Heterodyne Radiogramophone. This model has the distinction of being the first Murphy Radiogramophone that we have ever produced at such a low price. The radio performance is exactly the same as that of the Console Model. The motor-board is flush mounted to avoid a "well" in which dust and needles can collect, and the sides of the lid are designed to make lifting easy. The powerful gramophone motor has an automatic stop and a speed regulator. The sensitive pick-up takes both metal and fibre needles. The cabinet, finished in dark walnut with light horizontal lines, is neat and compact, and will go into the average room without looking cumbersome.

A.C. Model for use on 100-125v. and 200-250v., 50-60 cycle A.C. Mains. **£20**

D.C. Model for use on 200-250v. D.C. Mains or 200-250v., 25-60 cycle A.C. Mains. **£22**

Size : 36" high x 17" x 15".
Weight : 60 lbs.

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GROUP 48

ALL-WAVE MAINS MODELS

This group comprises a table model and a radiogramophone only. You may ask what you get in the "48" group that you do not have in the cheaper "46" sets. The answer to that is very easy. You not only have all-wave reception as in the "46" covering three wavebands of

16.7-50 METRES. 200-550 METRES. 950-2,000 METRES.

but you have in addition more truthful reproduction, greater undistorted volume, and easier tuning. The better reproduction is obtained by means of a principle known as inverse feed back, which controls resonances and "boom," giving more "body" and balance to the quality. Both the models in this range have the improved illuminated alphabetical tuning with more than 50 medium and long-wave stations shown in alphabetical order. In addition, names of countries for short-wave reception are listed separately at the bottom of the scale. Last year we introduced this new easy "A B C" tuning. This year Murphy sets are still the only ones with this innovation. The cabinets for the "48" models, too, are more costly, and concentric controls greatly improve their appearance.

If you are thinking of buying a table model or radiogramophone, you should take the trouble to examine these sets for yourself before you decide which make to buy—or you may feel like "kicking" yourself afterwards for missing what is undoubtedly a very fine set.

Illustrations and other details of these sets are shown on the next two pages.



Except, of course, the later "50" model described near the end of this booklet.

GROUP
48

Table model

All-Wave Supersonic Heterodyne Receiver. This set has better reproduction than any Table Model we have yet made. In fact, it is very nearly up to "Console standard." The output is practically level up to 5,000 cycles per second, after which there is a sharp cut-off to reduce whistles, etc. There is ample power for the most ambitious home requirements. Continuously variable tone control, automatic volume control and external loudspeaker sockets are fitted, with a gramophone pick-up jack also on the A.C. Model only. The cabinet is of French walnut, contrasting with rich dark-figured walnut.

A.C. Model for use on 100-125v. and 200-250v., 50-100 cycle A.C. Mains.

£12

D.C./A.C. Model for use on 200-250v. D.C. Mains or 200-250v., 25-100 cycle A.C. Mains.

£12.5!

Special D.C./A.C. Model (as above) but with four wave-bands, including 70-200 metres.

£12.10!

Size : 19½" high x 18½" x 12½". Weight : 35 lbs.

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GROUP
48

Radiogramophone

All-Wave Supersonic Heterodyne Radiogramophone with automatic record changer, suitable for eight 10-inch or 12-inch records (not mixed). The gramophone equipment is of the luxury type. The powerful motor has a speed control and automatic stop, and a sensitive pick-up is used, which takes either metal or fibre needles.

The radio performance is similar to that of the "48" Table Model, but the larger cabinet and loudspeaker enable the quality to be considerably improved.

The large and very distinctive cabinet is veneered in polished black walnut and French walnut, and has a flush motor-board and a slightly inset lid for easy lifting.

A.C. Model for use on 100-125v. and 200-250v., 50-60 cycle A.C. Mains.

£30

D.C./A.C. Model for use on 200-250v. D.C. Mains or 200-250v., 25-60 cycle A.C. Mains.

£32

Size: 37" high x 32" x 16".
Weight: 98 lbs.

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BATTERY MODELS

There are three battery sets in the Murphy range. The cheaper model ("45") has been designed for those who want a set that will work excellently, but will cost very little to buy and to run. It is easy to make a cheap set, but it is not so simple to produce a good set cheaply. This set is good. The standard of workmanship and reliability is as high as in the dearest sets we make.

The two other models are a little dearer and have been produced for people who have no electric supply in their homes, but would like "mains performance" with the added attraction of short waves. The "47" Table Model is really the battery equivalent of the "48" mains Table Model described on a previous page. In spite of the limitation of battery power supply, short waves have been included, and quality of reproduction due to the generous output is outstandingly good.

The "47C" is a Console version of the above set and the first Console battery set we have ever produced. A specially developed loudspeaker and the larger cabinet give you still more volume output and even better reproduction at *no extra battery consumption*. In all our battery sets we have aimed at reducing battery costs to the user. H.T. replacement is cheaper, because any standard battery can be used, and Automatic Grid Bias not only eliminates the need for a separate Grid Bias battery, but actually extends the useful life of the H.T. battery. Even when the voltage of a 120-v. battery has dropped, say, to 65 v., the set will still operate effectively, although, of course, the output will be lower.

These three sets are illustrated on the next three pages.

45

BATTERY MODEL

This is a straight 3-valve receiver with very high sensitivity and unusually good quality, covering wave-ranges of 200-550 and 850-2,000 metres. A special circuit called "Constant Reaction" eliminates most of the need for "fiddling" with the reaction control. This makes tuning simpler, because once the reaction control has been set at the best point for finding a distant station, that position remains the best for finding others. This is specially helpful to the non-expert listener. Automatic grid bias extends the useful life of the H.T. battery, and any standard H.T. battery can be used. The cabinet is in richly-polished black walnut with a narrow white rim surrounding the loudspeaker opening.

Price :
Without batteries

£7

Size : 13½" high x 21½" x 9½". Weight : 19 lbs.

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47

BATTERY MODEL

This All-Wave Supersonic Heterodyne Receiver covers the 16.7-50, 200-550 and 950-2000 metre wavebands. The illuminated A.B.C. tuning scale has over 50 long and medium-wave stations in alphabetical order. Principal countries for short-wave reception are also listed. Q.P.P. output stage gives large volume with low battery consumption. External loud-speaker sockets and a gramophone jack are provided, as well as a continuously variable tone control and automatic volume control. The very striking cabinet is in dark polished walnut with front panel carrying the concentric controls. There is ample space for any standard H.T. battery.

Price :
Without batteries

£11.10!

Special Model with
four wave-bands, in-
cluding 70-200 metres.

£11.15!

Size : 19½" high x 18½" x 12½". Weight : 30 lbs.

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47

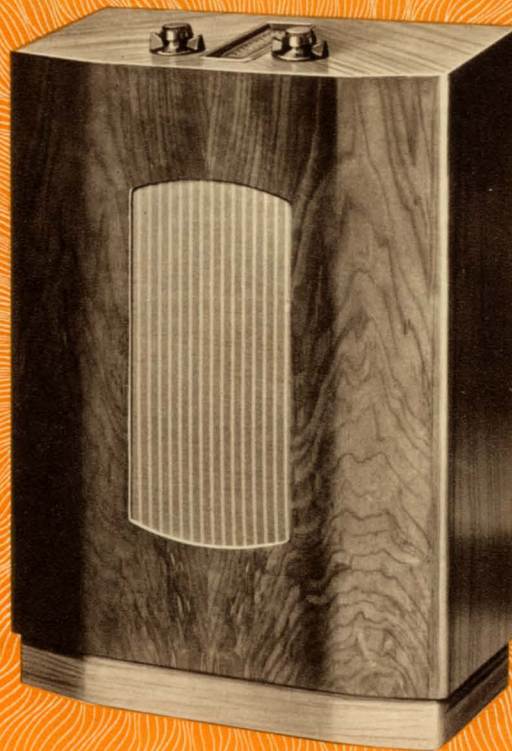
BATTERY CONSOLE

This is an All-Wave Super-sonic Heterodyne Receiver with specification and general performance identical with the "47" table set on the previous page. For the first time, however, it gives "Console quality" on a battery set *without* increasing battery consumption. This has been achieved after considerable research work on the permanent magnet system of the loudspeaker. This work has resulted in a great increase in sensitivity and a very marked improvement in the standard of reproduction. The Cabinet is in dark and medium-toned walnut and stands on a contrasting plinth. The controls are placed on the sloping top for easy handling.

Price :
Without batteries **£14.5!**

Size : 31" high x 22" x 10".
Weight : 47 lbs.

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CONVENIENCE



GROUP 50

ALL-WAVE MAINS MODELS

We have felt that there are many people who want a set that is "a cut above the average," but who don't want to pay quite such a high price as £35 (which is the price of the finest "radio-only" model we have made, and is described later in this booklet). We have, therefore, produced this "50" group of sets, which give *quantity*—in an almost unlimited choice of stations on the long, medium and short-wave bands—and *quality* in a better standard of reproduction than we have yet heard at anything like the same prices.

Variable selectivity extends the response more than an octave above the highest note on the piano, with two sharper degrees of selectivity so that any receivable station can be enjoyed with freedom from interference. In addition, special attention has been paid to the reproduction of speech. These sets also have inverse feed-back, a large power output, a special loudspeaker and a stiffened cabinet all contributing towards better reproduction.

The wave ranges covered are :—

16.7-50 METRES. 200-550 METRES. 950-2,000 METRES.

and in addition there is a fourth switch position covering the 7 metre band for the reception of television sound. This is, of course, only of immediate interest to people within, say, 35 miles of Alexandra Palace (though, in many cases, the programmes can be heard at much greater distances) but it will be equally useful to many other people as further television stations are erected.

Further details of this group of sets are given with the illustrations on the next two pages.

GROUP
50

Table model

All-Wave Supersonic Heterodyne Receiver, combining extremely lively performance with outstanding quality of reproduction. Features include: improved A.B.C. tuning scale with over fifty medium and long-wave station names in alphabetical order, as well as names of countries for short-wave reception. Cathode ray indicator for easy and accurate tuning. 4-position variable selectivity control. Automatic volume control. Inter-station noise suppression. External speaker sockets and (A.C. model only) gramophone jack. The cabinet is beautifully veneered in rich-figured Honduras mahogany with control panel in dark grey-silvered glass.

A.C. Model for use on 100-125v. and 200-250v. 50-100 cycle A.C. Mains.

£16

D.C./A.C. Model for use on 200-250v. D.C. Mains or 200-250v. 25-100 cycle A.C. Mains.

£16.5!

Size: 17½" high x 23" x 12". Weight: 52 lbs.

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GROUP
50

Console

This receiver is the Console version of the all-wave superhet described on the opposite page. Electrical specification and performance are exactly the same, except that the quality of reproduction is still further improved by virtue of the special loudspeaker and the large, acoustically-accurate cabinet, resulting in clearer bass and freedom from resonances.

Gramophone jack (A.C. model only) is controlled by a switch so that the pick-up leads can be left permanently connected if desired. The cabinet is of unusually distinctive design in walnut and rose zebrano, and its height is correct for arm-chair operation if desired, the top being slightly tilted.

A.C. Model for use on 100-125v. and 200-250v. 50-100 cycle A.C. Mains.

£21

D.C./A.C. Model for use on 200-250v. D.C. Mains or 200-250v. 25-100 cycle A.C. Mains.

£21.5!

Size: 29" high x 27½" x 13½". Weight: 72 lbs.

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GROUP
40

Console

This booklet is quite inadequate for us to give a fair description of the two fine sets illustrated on this and the opposite pages. Our engineers were asked to design the very best sets they possibly could for home use, and as a result these two models give the best reproduction we have ever heard. A few of the facts about the "40" Console model are :

REPRODUCTION : Variable selectivity extends the audio range up to 8,500 cycles per second ; a loudspeaker embodying entirely new principles of construction, and a carefully designed sound-chamber combine to give extraordinarily faithful recreation of the original performance.

All-wave reception with electrical band-spreading for easy tuning on short waves.

Alphabetical tuning, automatic tuning correction, automatic volume control, cathode ray tuning indicator and noise suppression. 12 watts output. Singularly beautiful cabinet of Bombay rosewood and thuya burr.

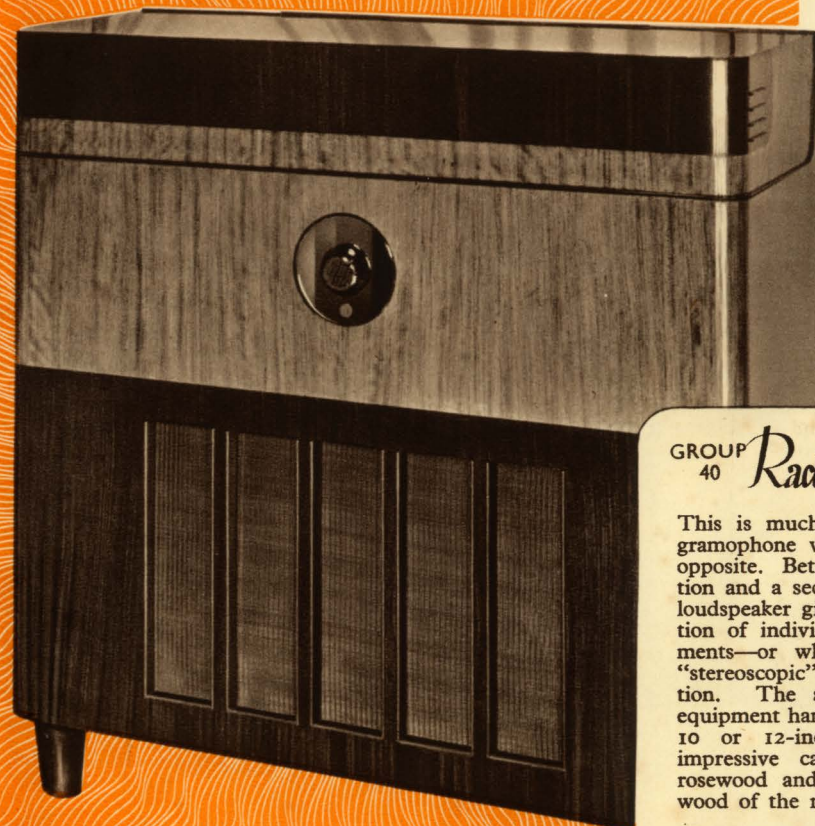
A.C. Model only,
100-125v. and
200-250v. 50-100
cycles.

£35

Size : 31" high x 25" x 12".

Weight : 122 lbs.

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GROUP 40 Radiogramophone

This is much more than a Radiogramophone version of the Console opposite. Better acoustical construction and a second specially-designed loudspeaker give even clearer definition of individual orchestral instruments—or what we can best call "stereoscopic" value to the reproduction. The automatic gramophone equipment handles up to eight mixed 10 or 12-inch records, and the impressive cabinet is of Bombay rosewood and Bubinga, an African wood of the rosewood type.

A.C. model only, 100-125v.
and 200-250v. 50-60 cycles.

£85

Size : 41" high x 40" x 18". Weight : 274 lbs.

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TERMS TO SUIT YOUR CONVENIENCE

Note.—If you would like to know more about these two sets, will you please ask your Murphy dealer for a copy of the A40 booklet, which describes them in detail. A separate booklet dealing with Murphy Television is also available.