

Model P29UBQ

*instructions for
installing and
operating*



**SUPERHETERODYNE UNIVERSAL MAINS
AND 'ALL-DRY' BATTERY PORTABLE**

**PYE LIMITED · RADIO WORKS
CAMBRIDGE**

This Receiver embodies the skill in design and the engineering precision for which the Pye laboratories have a high reputation. Its performance is outstanding, but please follow carefully the instructions for installing and operating, for by so doing you will get best possible results.

installation instructions

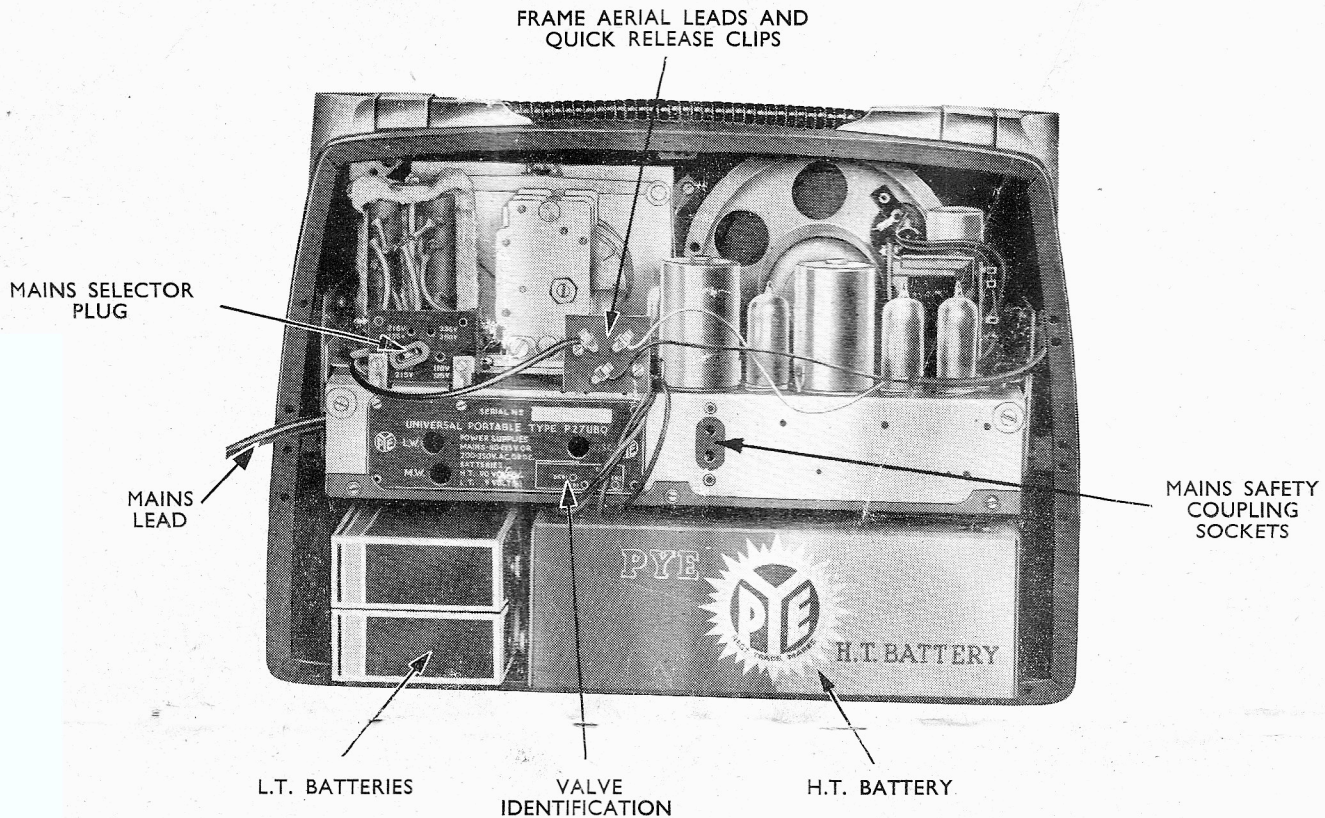


Fig. 1

Remove the back of the receiver as instructed on page 3. Detach the Record Card and Guarantee and have the necessary particulars inserted by your Agent. The Record Card must be posted to Pye Ltd. within 7 days of the date of purchase, otherwise the Guarantee is void.

Remove all packing and see that the valves are in their correct positions.

important Under no circumstances whatsoever must any attempt be made to remove knobs, handle control spindles, chassis or any metal parts attached to the chassis whilst the set is connected to the mains supply.

Care must be taken to ensure that the On/Off Wavechange switch is in the "Off" position and the mains lead disconnected from the supply before attempting to remove the back of the receiver to change batteries or replace valves, etc. Also in the interests of battery life, be sure that the switch is in the "Off" position when the set is not in use.

POWER SUPPLIES. The Pye Model P29UBQ is designed to operate on both A.C. (40-100 cycles) or D.C. mains of 200-250 volts and 110 to 125 volts, or Batteries, H.T. 90 volts and L.T. 9 volts.

FOR MAINS OPERATION. Adjust the Mains Selector plug, Fig. 1, to suit your mains supply and uncoil the mains lead.

Replace the back of the receiver as instructed on page 3, bringing the mains lead through the opening provided at the bottom right hand corner of the back cover and taking care that the two-pin safety plug (fixed on the inside of the back cover) enters the mains safety coupling sockets on the chassis.

A suitable plug should be fixed to the mains lead and plugged into a nearby mains point. The receiver is now ready for operating.

FOR BATTERY OPERATION. Remove the back of the receiver, see page 3.

The batteries should be placed in position as shown in Fig. 1. To connect up the H.T. Battery, the plug on the red lead should be inserted into the socket marked +90 and the corresponding plug on the black lead into the socket marked H.T. —.

The L.T. Battery consists of 2 standard units, type "Vidor" V0008 or "Drydex" H30 or "Ever Ready" 126 of $4\frac{1}{2}$ volts each, connected in series, by means of the connector plate provided (see Fig. 2) to give 9 volts. The + terminal of one unit must be connected to the red lead marked + on the connector plate and the — terminal of the other unit connected to the black lead marked — on the connector plate. The remaining two terminals must then be connected to the metal strip at the opposite end of the connector plate. Replace the back of the receiver as instructed on page 3.

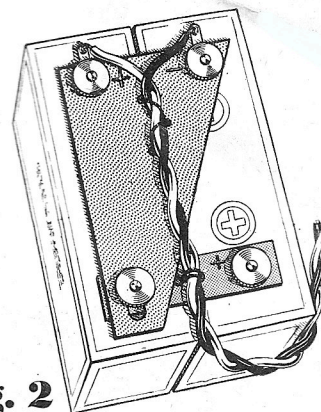
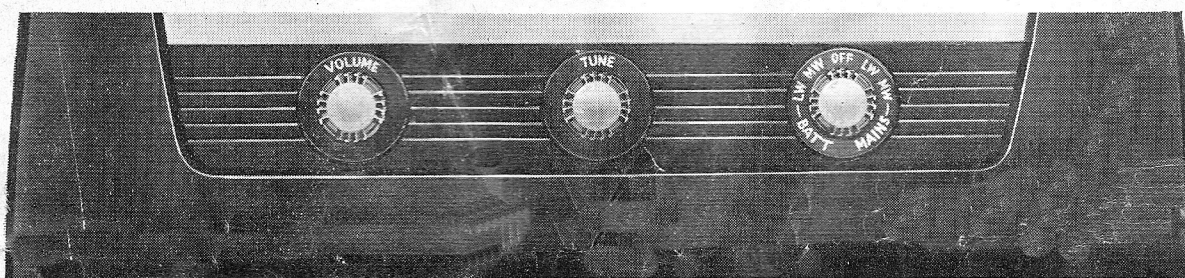


Fig. 2

operating instructions

Model P29UBQ gives a wide choice of stations on the following two wavebands:—

Medium Wave	..	..	..	185-560 metres
Long Wave	..	..	..	1120-2000 metres



VOLUME CONTROL

TUNING

POWER ON/OFF WAVECHANGE SWITCH

Fig. 3

- 1** Raise the front cover.
- 2** Select the power supply and waveband required by rotating the ON/OFF wavechange switch from the "OFF" position to the LEFT for battery operation and from the "OFF" position to the RIGHT for mains operation.

The wavebands are shown separately for each power supply and are marked thus:—

L.W.	..	..	..	..	Long wave.
M.W.	..	..	..	..	Medium wave.

The switch position is shown by the line on the edge of the knob.

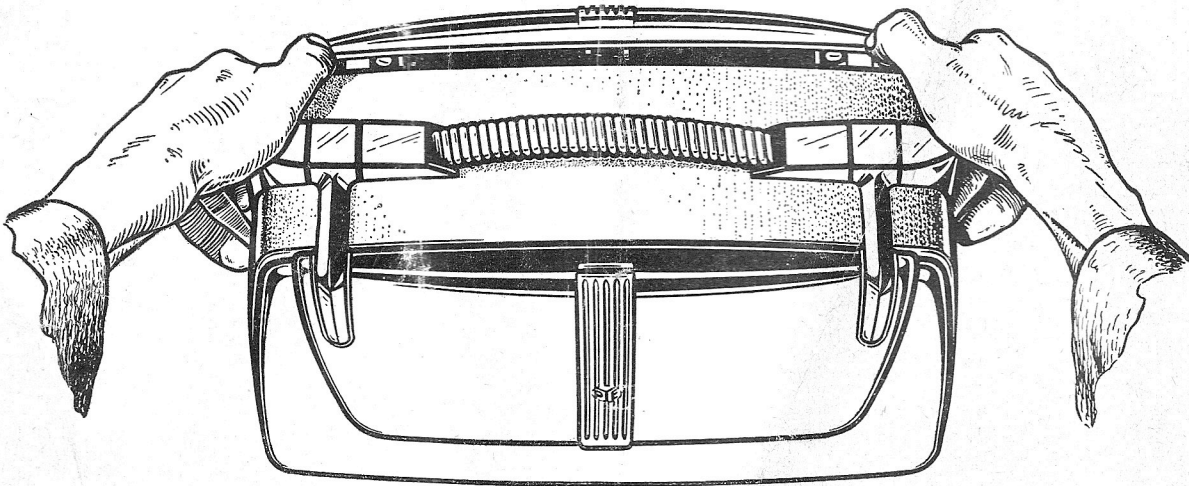
- 3** Set the Volume Control, Fig. 3, to maximum and select the station required by turning the knob marked "TUNE," also see Fig. 3, until the pointer behind the tuning scale is opposite the name or wavelength mark of that station. The principal stations on the two wavebands are marked by name.
- 4** Rotate the receiver to the position which gives maximum volume and then make any slight readjustments which may be required to the Tuning and Volume controls. A little care in carrying out this operation will enable the weaker and more distant stations to be received clearly and will ensure that you obtain, in full, the good quality of tone for which this portable battery receiver has been designed.

The use of a frame aerial makes it necessary to turn the receiver until the ends of the set are in line with the selected station.

A readjustment in the rotation of the receiver will often assist in minimising interference.

to remove back of receiver

- 1** Place the receiver on a table or similar firm object, front towards you.
- 2** Place hands firmly on receiver as shown in diagram below and tilt the cabinet towards you.
- 3** Place thumbs on top edge of back cover and press firmly down and out to release the top clips.
- 4** Stand the receiver upright and lift back cover off bottom clips.



to replace back of receiver

- 1** See that the two-pin safety plug, inside back cover, is in its lowest position.
- 2** Locate both clips on bottom edge of back cover, over flanges on bottom of case.
NOTE. The batteries project over the flange of the case into the recess of the back cover and it is therefore necessary to lift the batteries slightly with the bottom edge of the back cover in order to engage the clips.
- 3** Tilt the receiver forward and push the back cover firmly on to the case when it will be heard to spring into position.
NOTE.—WHEN OPERATING THE RECEIVER ON MAINS it is important to make certain that the mains lead is located in the slot provided in the side edge of the back cover before carrying out this operation.

notes

- 1** **H.T. and L.T. Battery Replacements.** The H.T. battery should be replaced with a suitable type of 90 volts and the L.T. batteries with 2 "Vidor" V0008 or 2 "Drydex" H.30 or 2 "Ever Ready" 126 of 4½ volts each connected in series to give 9 volts.
- 2** **Quick Release Clips.** This receiver is fitted with special quick release clips for connecting the frame aerials (concealed in the hinged panel) to the chassis. It is important that these three leads are correctly connected to the clips. Hold the wire with one hand, compress the clip with a finger of the other hand and thread the wire through the hole provided in the clip, and release pressure. Repeat operation for other leads and clips. The wires should now be held firmly in position.
- 3** When the receiver is connected to a D.C. supply it may be found that after the valves have had time to warm up, there is no indication of the set working; in this case simply reverse the mains plug in its socket. When working on A.C. mains the above conditions will not arise although in some cases extraneous "noise" or "hum" may be reduced by reversing the mains plug.
- 4** **Guarantee.** This set is covered by the Pye Guarantee for a period of 12 months from the date of purchase, with the exception of the H.T. and L.T. batteries and the valves, the latter being covered separately by the valve manufacturer's guarantee.
- 5** **Service.** If at any time your receiver should require attention, reference should be made to the Pye Agent from whom it was obtained. He is provided with full information for examining and testing Pye receivers, and may be relied upon to give prompt attention to your requirements.