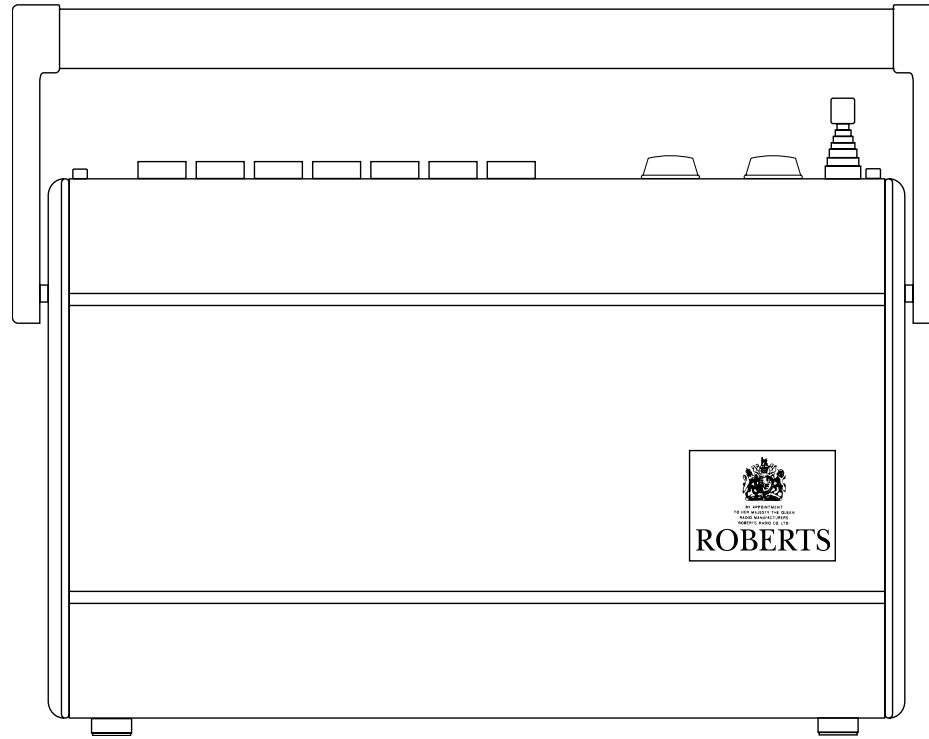


ROBERTS

Sound for Generations

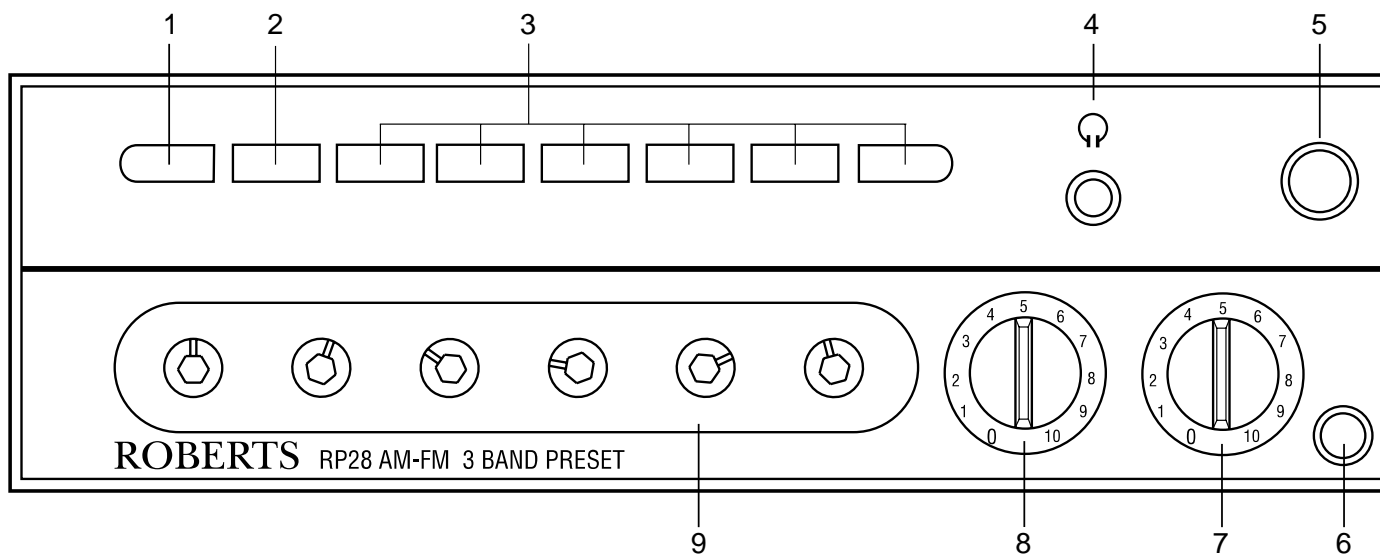
RP28

3 Band Preset Portable Radio



Please read this manual before use

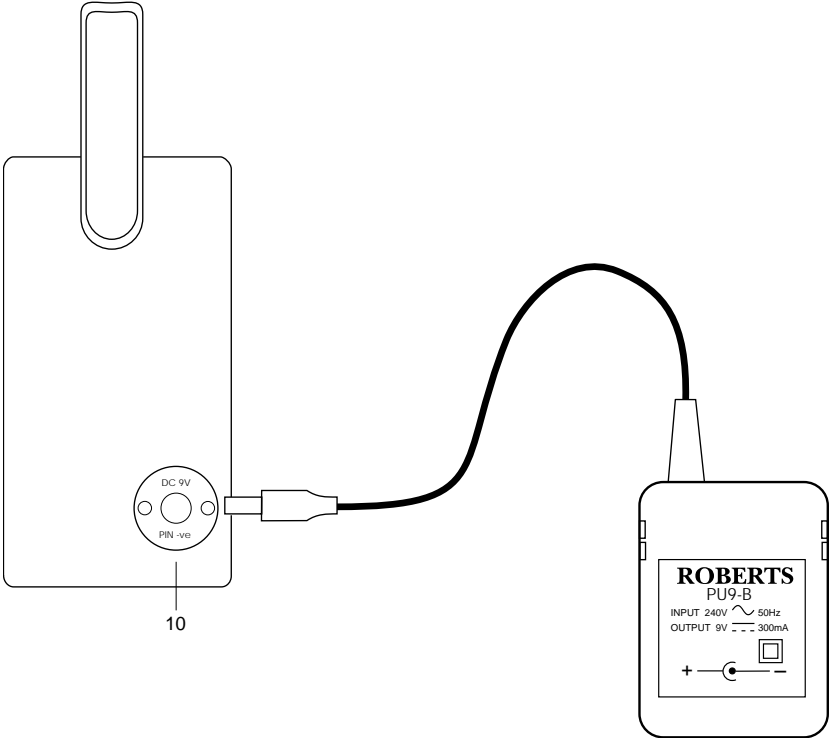
Controls (top panel)



- 1. ON/OFF button
- 2. AFC button
- 3. Preset buttons
- 4. Headphone socket

- 5. Telescopic aerial
- 6. Tuning tool
- 7. Volume control
- 8. Tone control
- 9. Tuning presets

Controls (LH end)



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10.DC Socket

General

Do not allow this unit to be exposed to water, steam or sand. Do not leave the unit where excessive heat could cause damage such as in a parked car where the heat from the sun can build up even though the outside temperature may not seem too high. It is recommended that the FM band be used where ever possible as better results in terms of quality and freedom from interference will usually be obtained than on the MW or LW bands.

Mains adaptor

Plug the adaptor into a 13A mains outlet. Plug the lead from the adaptor into the DC socket (10). The battery will be automatically disconnected.

The mains adaptor should be disconnected from the mains supply when not in use.

Batteries

Remove the battery cover on the base by releasing the catches and lifting the cover up and out. Insert six IEC R14 (C size) cells into the compartment. Replace the battery cover.

Reduced power, distortion, and a 'stuttering' sound are all signs that the batteries may need replacing.

If the radio is not to be used for any extended period of time it is recommended that the batteries are removed from the radio.

We would recommend for economy, that the RP28 is used via the Mains adaptor whenever possible with battery operation for occasional or stand-by use only.

Aerials

On FM fully extend the telescopic aerial (5), angle and rotate for best reception.

On MW and LW stations are received on the built in ferrite rod aerial, rotate the entire radio to the position giving best reception.

The telescopic aerial is inoperative on MW and LW.

Tuning in the preset controls

Lift the preset control cover by means of the 2 lugs on the front corners.

The 6 preset knobs (9) are numbered FM 1-4; MW and LW to correspond with the preset buttons on the top panel. Remove the tuning tool (6) from the space alongside the volume control. It may be necessary to tip the receiver forward to remove the tuning tool.

Turn on the receiver by pressing the ON/OFF button (1)

To set up the 4 FM presets, fully extend the telescopic aerial (5) and, if the AFC (2) button is depressed, press it to release it to the OFF (up) position.

Press one of the FM push-buttons (FM 1-4) and turn the volume control until sound is audible. Engage the tuning tool into corresponding preset knob, tune in the desired FM station. Lowest frequencies are at the anti-clockwise end of rotation and highest at the clockwise end. The other 3 FM presets may be set up in the same way. The AFC button (2) should now be depressed. This will turn on the Automatic Frequency Control (AFC) circuit which holds the stations firmly in tune. To set up the MW and LW presets, follow the above procedure using the MW and LW buttons and knobs. There is no need to extend the telescopic aerial or release the AFC button as these are not operational on MW or LW. In some cases the tuning point may be quite critical and care may be needed in setting the control to the correct tuning position. The 6 presets will now be set to the required stations but any of them may be altered at any time without affecting the others. Replace the preset cover.

Using the radio once the presets have been set up

Turn on the receiver by pressing the ON/OFF button (1). Press the button for the preset station you wish to receive. If this is a FM station, extend the telescopic aerial. If the station is rather weak it may be necessary to angle and rotate the aerial for optimum reception. If a MW or LW station is selected, the radio itself should be turned for best reception. Adjust the volume and tone controls for the desired level and tone of sound. To change stations, press one of the other preset push-buttons. Switch the RP28 off by pressing the ON/OFF button (1) to release it.

Headphones

A 3.5mm socket (4) is provided for use with either headphones or an earpiece. Inserting a plug into this socket automatically mutes the internal loudspeaker.

Specifications

Power Requirements 9.0V 

Batteries 6 x IEC R14 (C size)

Battery Life

Approx. 60hrs of listening for 4 hours a day at normal volume using alkaline cells.

Frequency Coverage

FM	87.5-108MHz
MW	522- 1620kHz
LW	150- 281kHz

Circuit Features

4 ICs, 4 Transistors, 17 diodes.

Loudspeaker 100mm 8ohms

Output Power 1watt into 8ohms

Headphone socket 3.5mm dia

Aerial System FM Telescopic aerial

MW Built-in Ferrite aerial

LW Built-in Ferrite aerial

The Company reserves the right to amend the specification without notice.

Guarantee

This instrument is guaranteed for twelve months from the date of delivery to the original owner against failure due to faulty workmanship or component breakdown, subject to the procedure stated below. Should any component or part fail during this guarantee period it will be repaired or replaced free of charge.

The guarantee does not cover:

1. Damage resulting from incorrect use.
2. Consequential damage.
3. Receivers with removed or defaced serial numbers.

N.B. Damaged or broken telescopic aerials will not be replaced under guarantee.

Procedure:

Any claim under this guarantee should be made through the dealer from whom the instrument was purchased. It is likely that your Roberts dealer will be able to attend to any defect quickly and efficiently, but should it be necessary the dealer will return the instrument to the company's service department for attention. In the event that it is not possible to return the instrument to the Roberts dealer from whom it was purchased, please contact Roberts Radio service department at the address shown on the back page of this manual before taking further action.

These statements do not affect the statutory rights of a consumer.

ROBERTS RADIO TECHNICAL SERVICES DEPARTMENT

97-99 Worton Road

Isleworth Middlesex

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Technical Helpline:-020 8758 0338

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