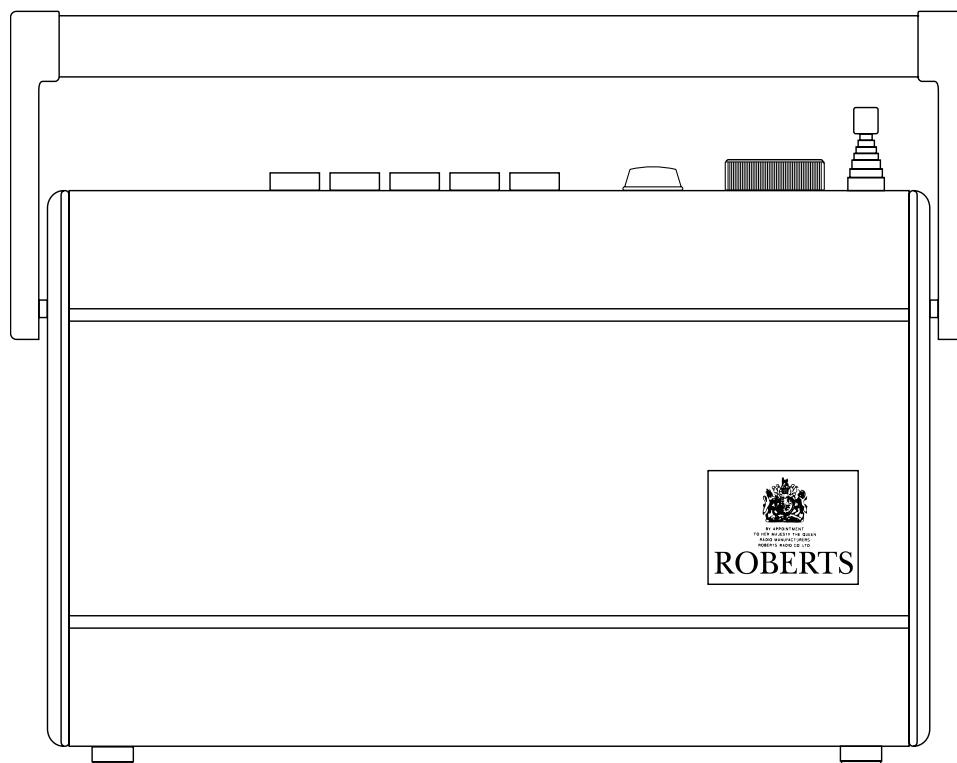


# ROBERTS

Sound for Generations

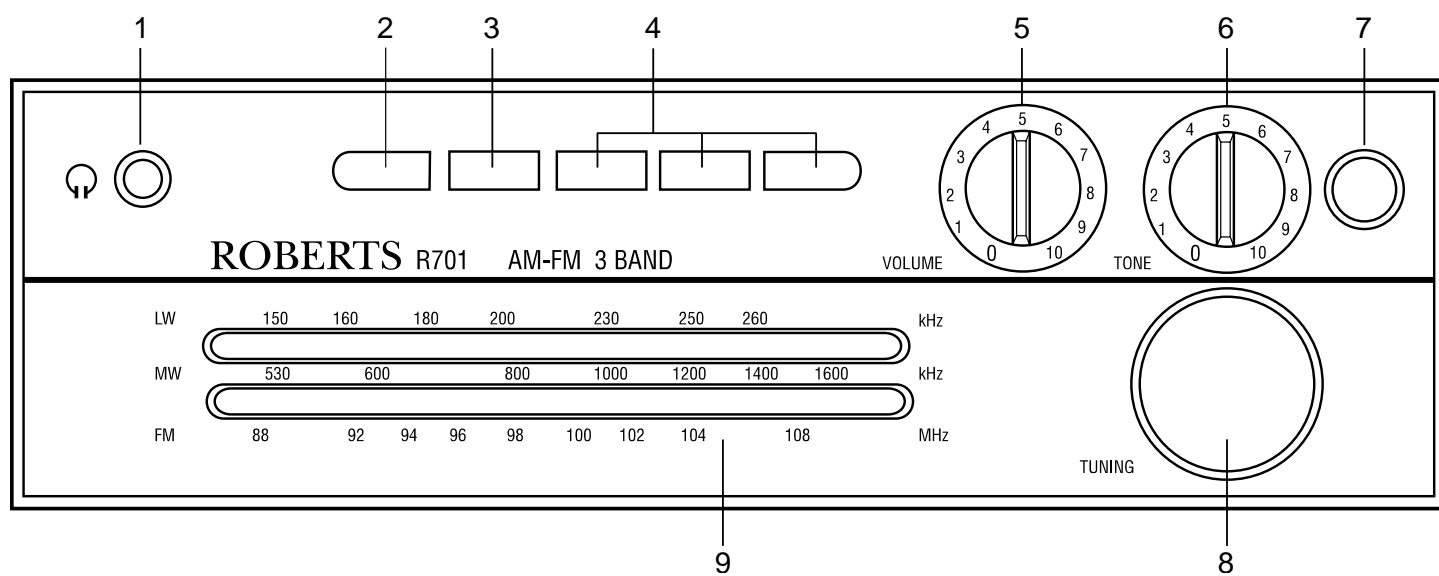
## R701

3 Band Portable Radio



Please read this manual before use

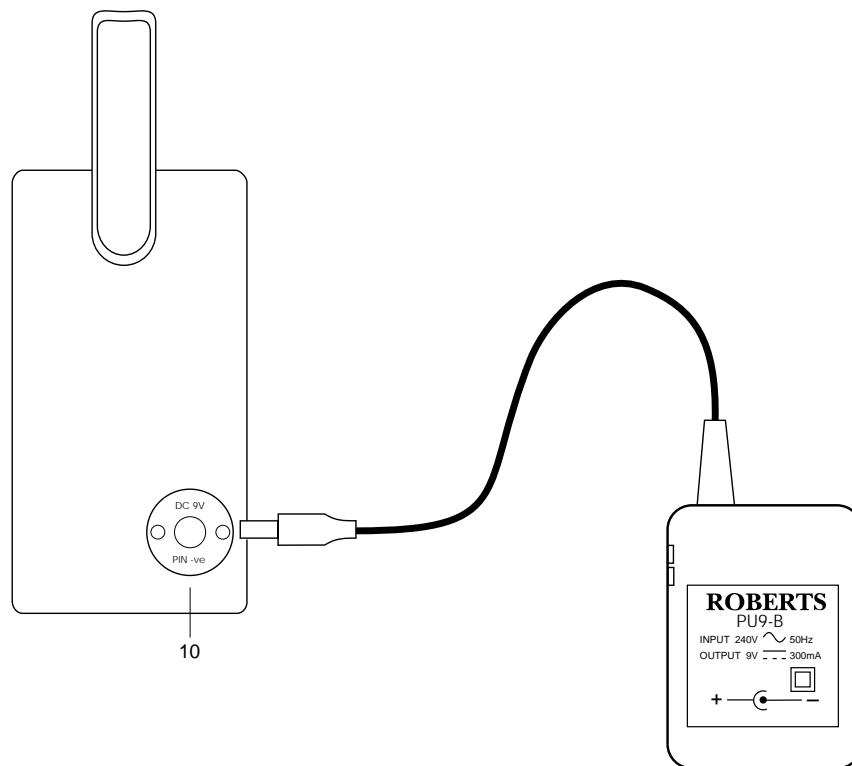
## Controls (top panel)



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

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

Controls (LH end)



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 R701 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 (7), 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.

## MW/LW Operation

Turn on the receiver by pressing the ON/OFF button (2). Set the waveband selector (4) to the MW or LW position. Turn the volume control (5) until sound is audible. Rotate the tuning knob (8) to select the desired station. On MW and LW the tuning scale is marked in kilohertz (kHz). Rotate the receiver to the position giving best reception. Adjust the volume control to the required level. Adjust the tone control (6) to the required setting. To turn off the receiver press the ON/OFF button (2).

Note : The telescopic aerial is inoperative on MW and LW.


## FM Operation

Fully extend the telescopic aerial (7). Turn on the receiver by pressing the ON/OFF button (2). Set the waveband selector (4) to the FM position. Turn the volume control (5) until sound is audible. Rotate the tuning knob (8) to select the desired station. The AFC button (3) should now be depressed. This will turn on the Automatic Frequency Control (AFC) circuit which holds the stations firmly in tune. On FM the tuning scale is marked in megahertz (MHz). Angle and rotate the telescopic aerial to the position giving best reception. Adjust the volume control to the required sound level. Adjust the tone control (6) to the required setting. To turn off the receiver press the ON/OFF button (2).

## Headphones

A 3.5mm socket (1) 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. 80hrs 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

3 ICs, 7 diodes, 1 zener diode.

Loudspeaker	100mm 8ohms
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Output Power	1watt into 8ohms
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Headphone socket	3.5mm dia
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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

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Technical Helpline:-020 8758 0338

Issue 4

