ROBERTS

Play M2 / Play M3

DAB / DAB+ / FM RDS portable digital radio

DAB
Digital Audio Broadcasting

DAB+

Digital
Radio
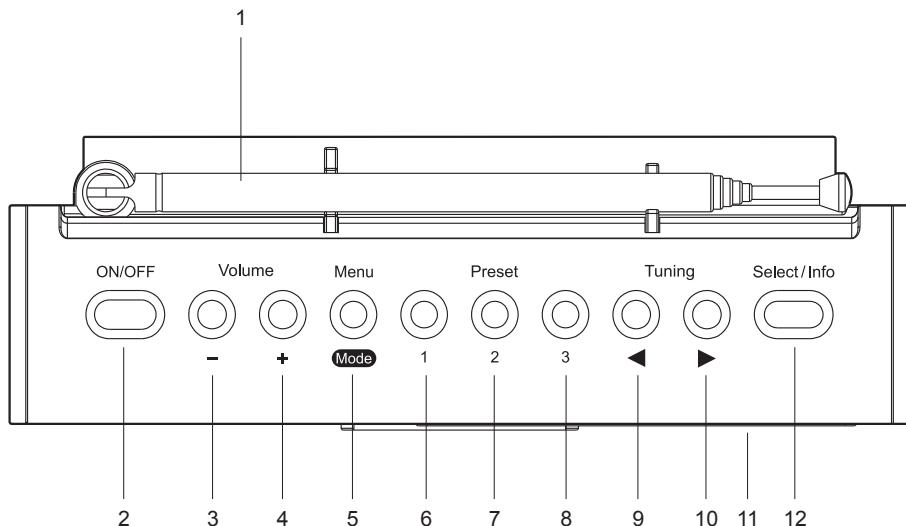
Please read this manual before use

Contents

Play M2 Controls

(Top)

1

ON/OFF Volume Menu Preset Tuning Select / Info

Mode 1 2 3 ◄ ►

2   3   4   5   6   7   8   9   10   11   12

(Side)

🎧

13

DC 5V

14

15

1. Telescopic aerial
2. On / Off button
3. Volume Down button
4. Volume Up button
5. Menu / Mode button
6. Preset 1 button

7. Preset 2 button
8. Preset 3 button
9. Tuning Down button
10. Tuning Up button
11. LCD display
12. Select / Info button

13. Headphone socket
14. DC input socket
15. Battery compartment
16. USB upgrade socket (in battery compartment, for service use only)

Play M3 Controls

(Top)

(Side)

ON/OFF Volume Menu Preset Tuning Select/Info

Mode 1 2 3 ◀ ▶

1. Telescopic aerial
2. On / Off button
3. Volume Down button
4. Volume Up button
5. Menu / Mode button
6. Preset 1 button

7. Preset 2 button
8. Preset 3 button
9. Tuning Down button
10. Tuning Up button
11. LCD display
12. Select / Info button

13. Headphone socket
14. DC input socket
15. Battery compartment
16. USB upgrade socket (in battery compartment, for service use only)

Using the buttons

Most operations on the radio are performed by a simple short press of a button.
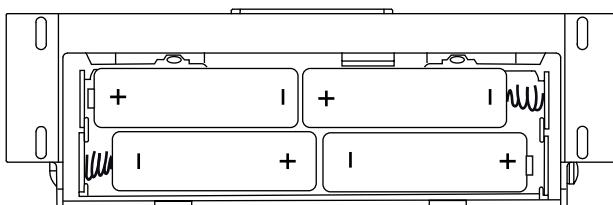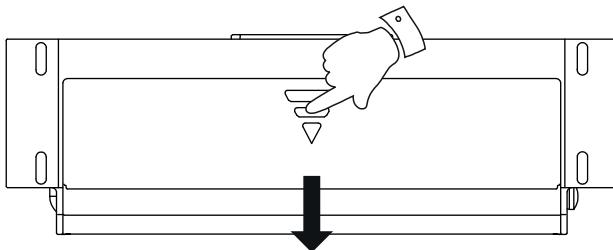
A few operations require a longer press of a button. In this case the instructions will tell you to apply a long press, and the button should be held down for 2 or 3 seconds, until the radio has responded. Examples are applying a long press to the Menu / Mode button to change the operating mode of the radio, or applying a long press to one of the Preset buttons to store a radio station.

Battery operation

1. Remove the battery cover on the underside of the unit by sliding the cover in the direction of the arrow shown.

2. Insert four LR6 (AA size) batteries into the spaces in the compartment. Take care to ensure all batteries are inserted with the correct polarity as shown inside the battery compartment. Replace the battery cover.

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

4. 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 radio is used via the AC adaptor whenever possible with battery operation for occasional use only.

   IMPORTANT: The batteries should not be exposed to excessive heat such as sunshine, fire or the like. After use, disposable batteries should if possible be taken to a suitable recycling centre. On no account should batteries be disposed of by incineration.
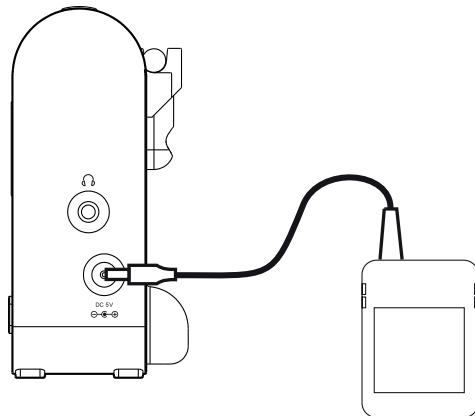
Using the AC adaptor

1. Place your radio on a flat surface.

2. Plug the mains adaptor into the DC input socket located on the right hand side of your radio (marked 'DC') ensuring that the plug is pushed fully into the socket.

3. Plug the mains adaptor into a standard mains socket outlet and switch on the wall socket. Whenever the adaptor is used the batteries are automatically disconnected.

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

IMPORTANT: The mains adaptor is used as the means of connecting the product to the mains supply. The mains socket and any multi-way mains block used for the product must remain accessible during normal use. In order to disconnect the product from the mains, the mains adaptor should be removed from the mains socket completely.
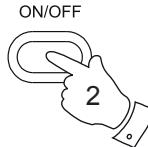
Use only the mains adaptor provided with the product, or a genuine replacement provided by Roberts Radio. The use of alternative adaptors will invalidate the guarantee.

DC 6V

Operating your radio - DAB

1. Carefully extend the telescopic aerial located on the rear of your radio. The aerial should be fully extended and positioned vertically for optimum reception.

2. Press the **On/Off** button to switch on your radio. The display will show *'WELCOME'* for a few seconds. After each use the radio will remember the mode used and then switch on in that mode the next time it is used. If the radio has been used before, the last used station will be selected.

3. If this is the first time the radio has been used a scan of the Band III DAB channels will be carried out. During the scanning process the display will show the progress of the station search. The number on the right of the display is the number of stations that have been found.

4. When first switched on, the radio will be in DAB mode. The first station (in numeric-alpha order 0...9...A....Z) will be selected. The first station in the list of stations found during scanning will be played. The display will show the station name.

5. If no signal is found, it may be necessary to relocate your radio to a position giving better reception. You should then carry out a scan to find stations as described on page 8.

• Your radio has an indicator ▚ on the display to indicate the strength of the DAB radio signal being received.
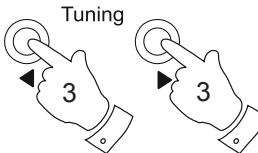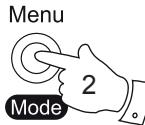
Note: When first switched on, the radio will set the volume to a moderately high level, in case the broadcast is very quiet. After you have set the volume, the radio will remember the setting that you have applied for the next time that it is used.

ON/OFF

6

Selecting a station - DAB

1. Press the *On/Off* button to switch on your radio.

2. If you are listening in FM mode, give a **long press** on the *Menu/Mode* button until the '*DAB'* mode is selected.

3. Press the *Tuning Up* or *Down* buttons to step through the list of available stations.

4. When the desired station name appears on the display press the *Select* button to select the station. The radio will tune to the new station. If the select button is not pressed the radio will automatically tune to the station after several seconds.

5. Adjust the *Volume* to the required setting.

   Note: If after selecting a station the display shows *'OFF AIR'* it may be necessary to relocate your radio to a position giving better reception.

Menu

Mode

Tuning

Select / Info
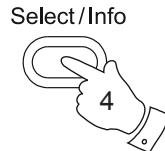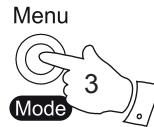
Secondary services - DAB

1. Certain radio stations have one or more secondary services associated with them. If a station has a secondary service associated with it the secondary service will then appear immediately after the primary service as you press the *Tuning Up* button.

2. To tune to the secondary service, press the *Select* button. Most secondary services do not broadcaset continually and if the selected service is not available, the radio will re-tune to the associated primary service.

Tuning

Select / Info

Finding new stations - DAB

As time passes new stations may become available or you may have moved to a different part of the country. In this case you may need to cause your radio to scan for new stations.
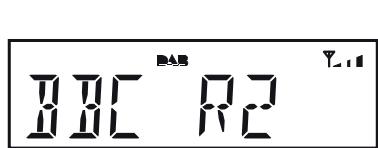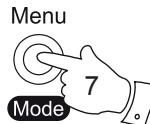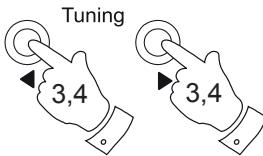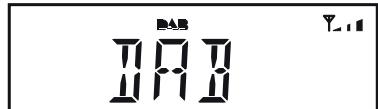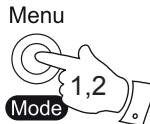
1. With your radio in DAB mode, give a **long press** on the *Select* button and then release.

2. Your radio will perform a scan of the Band III DAB channels. As new radio stations are found the station counter on the right-hand side of the display will increase and the radio stations will be added to the list stored in the radio.

3. Alternatively, to scan using the DAB menu, press the *Menu/Mode* button. The DAB menu will show *'SCAN'* on the display.

4. Press the *Select* button to perform the scan.

5. Your radio will perform a scan of the Band III DAB channels. As new radio stations are found the station counter on the right-hand side of the display will increase and the radio stations will be added to the list stored in the radio.

Select / Info

Menu

Mode

Select / Info

DAB

SCAN   DAB

DAB

Manual tuning - DAB

Manual tuning allows you to tune your radio to a particular DAB frequency in Band III. Any new stations found will be added to the station list. This function can also be used to assist the positioning of the aerial or the radio to optimise reception for a specific channel or frequency.

1. If you are listening in FM mode, give a **long press** on the *Menu/Mode* button until the '*DAB'* mode is selected.

2. Press the *Menu/Mode* button. The DAB menu will show on the display.

3. Press the *Tuning Up* or *Down* buttons until the display shows *'MANUAL'*. Press the *Select* button to enter the manual tune mode.

4. Press the *Tuning Up* or *Down* buttons to select the desired DAB channel. Press the *Select* button to tune to the chosen frequency.

5. If a signal is present, this will be indicated on a signal strength display. The minimum signal marker (¦) shows the minimum signal strength needed for good DAB reception. The signal indicator chevrons increase or decrease showing the changing signal strength as you adjust the aerial or your radio position.

6. When a DAB signal is found, as shown by the signal indicator chevrons, any new radio stations found with this signal will be added to the list stored in the radio.

7. Press the *Menu/Mode* button to be able to manually tune to a different frequency. Alternatively, press the *Menu/Mode* button a second time in order to return to the normal playing mode.

Dynamic Range Control (DRC) settings - DAB

The DRC facillity can make quieter sounds easier to hear when your radio is used in a noisy environment.
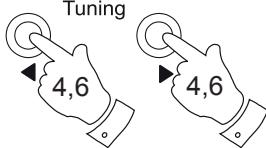
1. Press the *On/Off* button to switch on your radio.

2. If you are listening in FM mode, give a **long press** on the *Menu/Mode* button until the '*DAB'* mode is selected.

3. Press the *Menu/Mode* button. The DAB menu will show on the display.

4. Press the *Tuning Up* or *Down* buttons until *'DRC'* shows on the display.

5. Press the *Select* button to enter adjustment mode.

6. Press the *Tuning Up* or *Down* buttons to select the required DRC setting (default is 0).

> DRC 0 DRC is switched off, Broadcast DRC will be ignored.
>
> DRC 1/2 DRC level is set to 1/2 that sent by broadcaster.
>
> DRC 1 DRC is set as sent by broadcaster.

7. Press the *Select* button to confirm the setting. The display will return to the station name display after several seconds.

Note: Not all DAB broadcasts use the DRC function. If the broadcast does not provide DRC information, then the DRC setting in the radio will have no effect.

Menu

Mode

2,3

Tuning

4,6   4,6

Select / Info

5,7

Prune stations - DAB
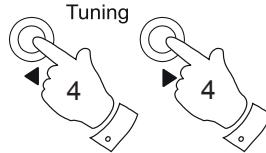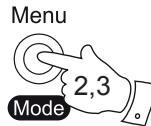
If you move to a different part of the country, some of the stations which were listed may no longer be available. Also, from time to time, some DAB services may stop broadcasting, or may change location or frequency. Stations which cannot be found, or which have not been received for a very long time are shown in the station list with a question mark.

The Prune stations function will delete the marked DAB stations from your station list.

1. Press the *On/Off* button to switch on your radio.

2. If you are listening in FM mode, give a **long press** on the *Menu/Mode* button until the '*DAB'* mode is selected.

3. Press the *Menu/Mode* button. The DAB menu will show on the display.

4. Press the *Tuning Up* or *Down* buttons until *'PRUNE'* shows on the display.

5. Press the *Select* button. *'PRUNE?'* will show on the display.

6. Press the *Select* button to cause the invalid station names to be removed from the station list. The display will return to the station name display after several seconds.
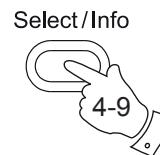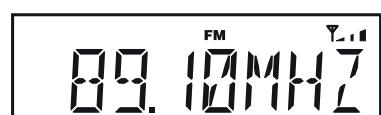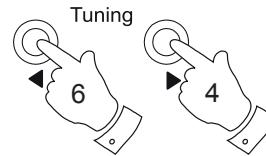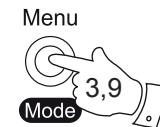
   If you do not wish to prune stations press the *Menu/Mode* button to return to the previous display.

Note: If you have moved your radio to a different part of the country you should also carry out a search for new stations (please see the section 'Finding new stations' on page 8).

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Operating your radio - FM

1. Carefully extend the telescopic aerial located on the rear of your radio. The aerial should be fully extended and positioned vertically for optimum reception.

2. Press the *On/Off* button to switch on your radio.

3. If you are listening in DAB mode, give a **long press** on the *Menu/Mode* button until the '*FM'* mode is selected.

4. Press the *Tuning Up* button once. Then give a **long press** on the *Select* button and then release. Your radio will scan in an upwards direction (low frequency to high frequency) and stop automatically when it finds a station of sufficient strength.

5. After a few seconds the display will update. The display will show the frequency of the signal found. If the signal is strong enough and there is RDS data present then the radio will display the station name.

6. Press the *Tuning Down* button once. Then give a **long press** on the *Select* button and then release. Your radio will scan the FM band in a downwards direction (high frequency to low frequency).

7. When the waveband end is reached your radio will recommence tuning from the opposite waveband end.

8. Adjust the *Volume* to the required setting. To switch off your radio press the *On/Off* button.

ON/OFF
2,8

Menu
Mode
3,9

Tuning
6   4

Select / Info
4-9

FM

87.50MHZ

89.10MHZ

VOL 10
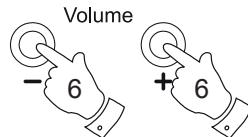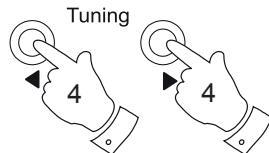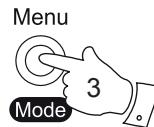
9. Alternatively, to scan using the FM menu, press the *Menu/Mode* button. The FM menu will show *'SCAN'* on the display.

    Press the *Select* button to perform the scan.

Manual tuning - FM

1. Carefully extend the telescopic aerial located on the rear of your radio. The aerial should be fully extended and positioned vertically for optimum reception.

2. Press the *On/Off* button to switch on your radio.

3. If you are listening in DAB mode, give a **long press** on the *Menu/Mode* button until the '*FM'* mode is selected.

4. Press the *Tuning Up* or *Down* buttons to tune to a station.The frequency will change in steps of 50kHz. If the radio is tuned to a station of sufficient signal strength with RDS information present, then the display may change to show the station name.

5. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.

6. Adjust the *Volume* to the required setting.

7. To switch off your radio, press the *On/Off* button.

ON/OFF

2,7

Menu

Mode

3

Tuning

4   4

Volume

− 6   + 6

FM

87.50MHZ

VOL 10
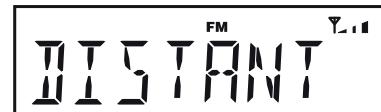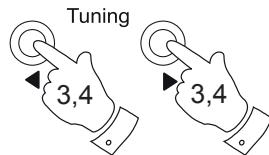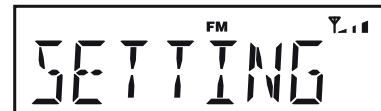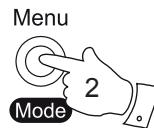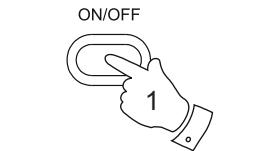
Scan sensitivity setting - FM

Your radio will normally scan for FM broadcasts which are strong enough to give good reception. However, you may wish the Auto-scan function to also be able to find weaker signals, possibly from more distant radio transmitters. Your radio includes a local / distant option for the Auto-scan function.

1. Press the **On/Off** button to switch on your radio. Ensure your radio is in FM mode.

2. Press the **Menu/Mode** button. The FM menu will show on the display.

3. Press the **Tuning Up** or **Down** buttons until *'SETTING'* shows on the display. Press the **Select** button to enter the scan settings menu.

4. Press the **Tuning Up** or **Down** buttons to switch between *'LOCAL'* and *'DISTANT'* options. The Distant option will allow the radio to find weaker signals when scanning.

5. Press the **Select** button to confirm your selection. The display will return to the radio display after several seconds.The Local or Distant setting is stored in the radio and remains in force until changed or until a System Reset.
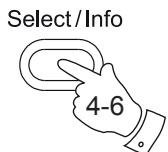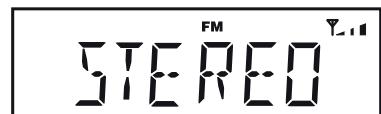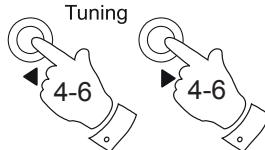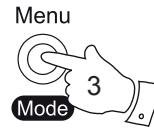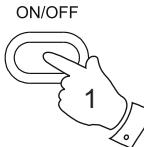
**Note:** The initial setting (out of the box, or after a System Reset) causes the radio to ignore weaker (or more distant) signals.

ON/OFF

1

FM

Menu

Mode

2

SETTING FM

Tuning

◄ 3,4   ► 3,4

LOCAL FM

Select / Info

3,5

DISTANT FM

Stereo / Mono setting - FM (Headphones only)

Your radio will play stereo FM broadcasts in stereo (via headphones only) provided that the received signal is of adequate strength. However, as a stereo signal becomes weaker the audio signal will become poorer. It may be preferable to force the radio to play the station in mono in order to reduce the level of background hiss.

1. Press the *On/Off* button to switch on your radio.

2. Tune to the required FM radio station as previously described.

3. Press the *Menu/Mode* button. The FM menu will show on the display.

4. Press the *Tuning Up* or *Down* buttons until *'AUDIO'* shows on the display. Press the *Select* button.

5. Press the *Tuning Up* or *Down* buttons so that the display shows *'MONO'*. Press the *Select* button. Your radio will switch to mono mode.

6. To return to stereo/mono mode, press the *Tuning Up* or *Down* buttons so that the display shows *'STEREO' and* press the *Select* button.

Display options - DAB / FM

Your radio has a range of display options when in DAB and FM modes:-

1. Press the *Select/Info* button to cycle through the various options. All displays except the text display will revert to the clock display after about 10 seconds.

Select / Info

Scrolling text (DAB and FM)

DAB display options

Your radio will display the following in DAB mode:-

Station name, scrolling text, program type, signal strength, multiplex name, frequency, bit rate, time and date.

For the signal strength, the minimum signal marker (┃) shows the minimum signal strength needed for good DAB reception. The signal indicator chevrons increase or decrease showing the changing signal strength as you adjust the telescopic aerial or your radio position.

Signal strength (DAB only)

FM display options
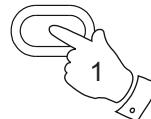
The Radio Data System (RDS) is a system in which inaudible digital information is transmitted in addition to the normal FM radio programme. RDS offers several useful features.

Your radio will display the following in FM mode:-

Station name, scrolling text, program type, frequency, time and date.

Note: If no RDS information is available, the radio will be unable to display the station name, scrolling text and programme type information. Your radio will display 'NO TEXT' if there is no scrolling text and 'NO PTY' if there is no programme type information.

Frequency (DAB and FM)

Time (DAB and FM)

Presetting stations

You may store your preferred DAB and FM radio stations to the preset station memories. There are 6 memory presets in your radio, 3 for DAB and 3 for FM. Presets are remembered by your radio in the event of a power failure.

The procedure for setting presets and using them to tune stations is the same for FM and DAB modes, and is described below.
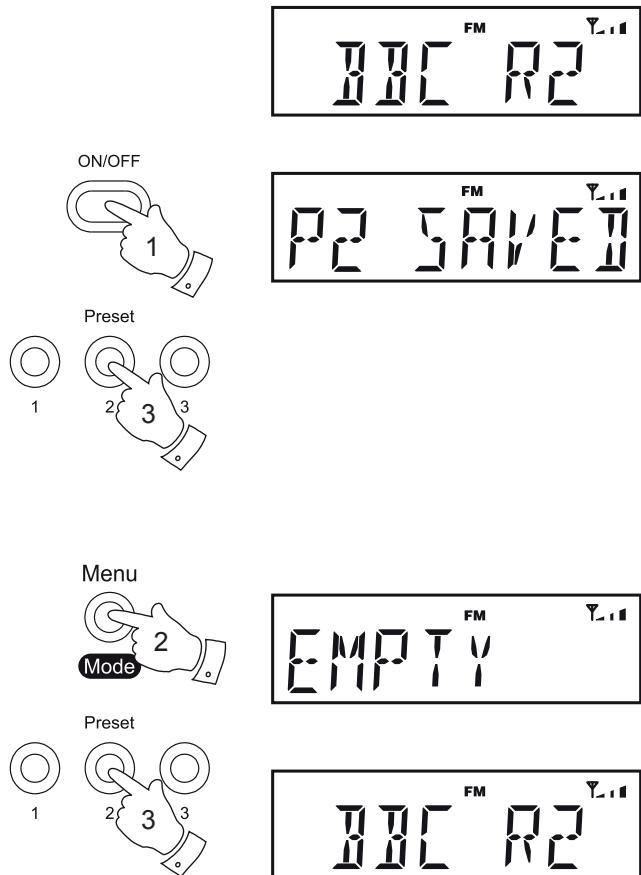
Storing a preset

1. Press the *On/Off* button to switch on the radio.
2. Tune to the required station as previously described.
3. To store the station as a preset, give a **long press** on the the required *Preset* button (1-3) until the display shows, for example, *'P2 SAVED'*. The station will be stored under the chosen preset button. Repeat this procedure as needed for the remaining presets.
4. Stations which are already stored in the presets may be overwritten by following the above procedure.

Note: The radio station presets are retained in memory when the radio is switched off and disconnected from the mains supply.

Recalling a preset
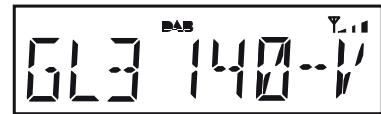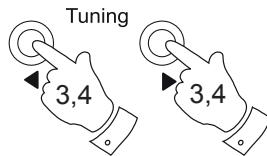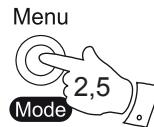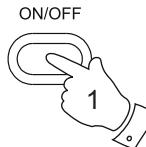
1. Press the *On/Off* button to switch on the radio.
2. Give a **long press** on the *Menu/Mode* button to select either the FM or DAB mode.
3. Momentarily press the required *Preset* button (1-3). Your radio will then tune to the station stored in the selected preset memory.
4. If a preset station has been stored, then the display will show either the station name (for DAB stations) or the frequency (for FM stations). The display will show, for example, *'EMPTY'* if no station has been stored to that preset.

Software version

The software version display cannot be altered and is just for your reference.
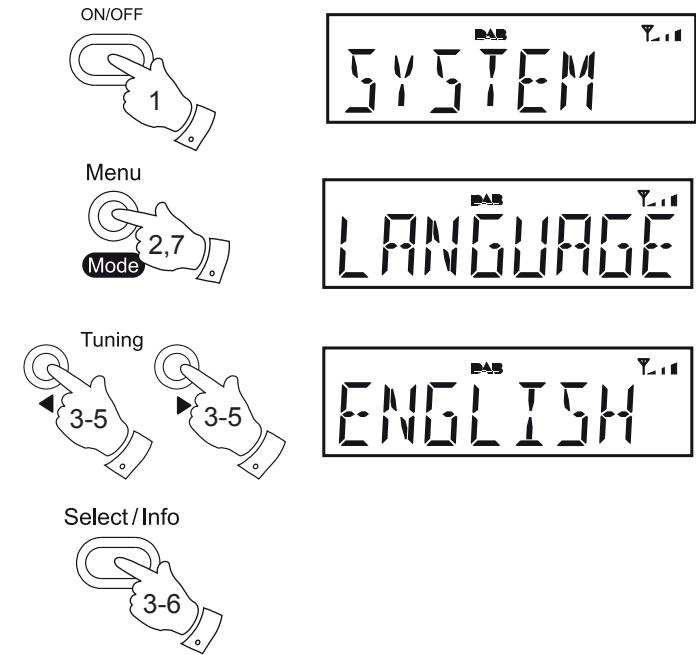
1. Press the *On/Off* button to switch on the radio.

2. Press the *Menu/Mode* button. The main menu will show on the display.

3. Press the *Tuning Up* or *Down* buttons until *'SYSTEM'* appears on the display. Press the *Select* button.

4. Press the *Tuning Up* or *Down* buttons until *'SW VER'* appears on the display. Press the *Select* button to display the software version.

5. Press the *Menu/Mode* button as needed to exit.

ON/OFF

1

Menu

2,5
Mode

Tuning

◀ 3,4   ▶ 3,4

Select / Info

3,4

SYSTEM

SW VER

GL3 140-V

Language function

Your radio's menus can be configured to a different language.

1. Press the *On/Off* button to switch on the radio.

2. Press the *Menu/Mode* button. The main menu will show on the display.

3. Press the *Tuning Up* or *Down* buttons until *'SYSTEM'* appears on the display. Press the *Select* button.

4. Press the *Tuning Up* or *Down* buttons until *'LANGUAGE'* appears on the display. Press the *Select* button to enter the language adjustment menu.

5. Press the *Tuning Up* or *Down* buttons until your desired language appears on the display.

6. Press the *Select* button to confirm your choice. The display will change to the chosen language.

7. Press the *Menu/Mode* button as needed to exit.

ON/OFF

1

Menu

2,7

Mode

Tuning

◄ 3-5   ► 3-5

Select / Info

3-6

SYSTEM

LANGUAGE

ENGLISH

19

System reset
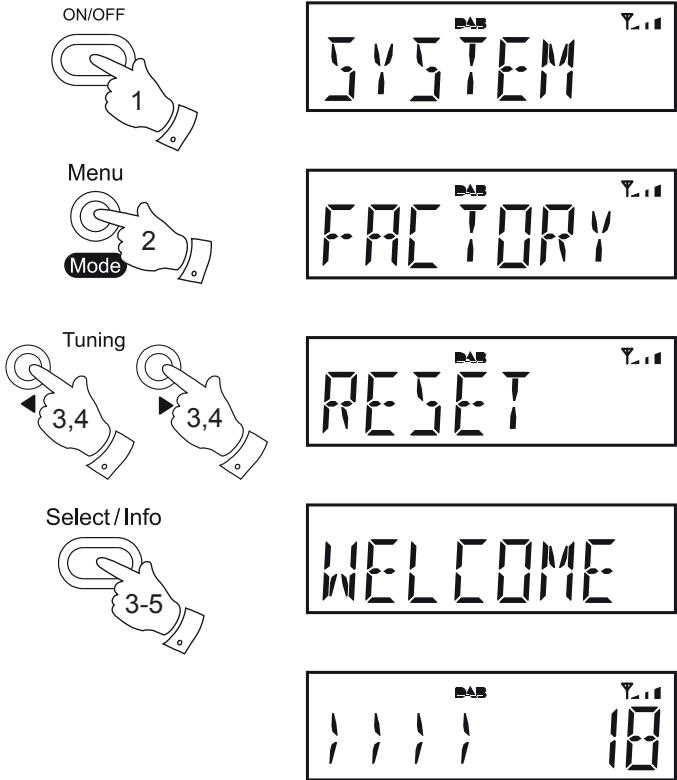
If your radio fails to operate correctly, or some digits on the display are missing or incomplete carry out the following procedure.

1. Press the *On/Off* button to switch on the radio.
2. Press the *Menu/Mode* button. The main menu will show on the display.
3. Press the *Tuning Up* or *Down* buttons until *'SYSTEM'* appears on the display. Press the *Select* button.
4. Press the *Tuning Up* or *Down* buttons until *'FACTORY'* appears on the display. Press the *Select* button. *'RESET'* will show on the display.
5. Press the *Select* button.
6. A full reset will be performed. The station list and presets will be erased. The display will show *'RESTART'* then *'WELCOME'* and after a few seconds a station scan search will be performed automatically. The display will show the progress of the station search. The number on the right of the display is the number of stations that have been found. The radio will then restart as when first plugged in (see also page 6).

Electro-magnetic compatibility advice

In the event of a malfunction due to electrostatic discharge, mains power supply transients or short interruptions, reset the product as above to resume normal operation. If you are not able to perform the reset operation as above, removal and reconnection of the power supply and batteries may be required.

If the product is used in an environment with any ESD Immunity / Radiated Immunity / Conducted Immunity disturbance, the product may malfunction. It will automatically recover to normal when the ESD Immunity / Radiated Immunity / Conducted Immunity disturbance is stopped.

ON/OFF

1

Menu

2

Mode

Tuning

◀ 3,4   ▶ 3,4

Select / Info

3-5

SYSTEM

FACTORY

RESET

WELCOME

1111   10
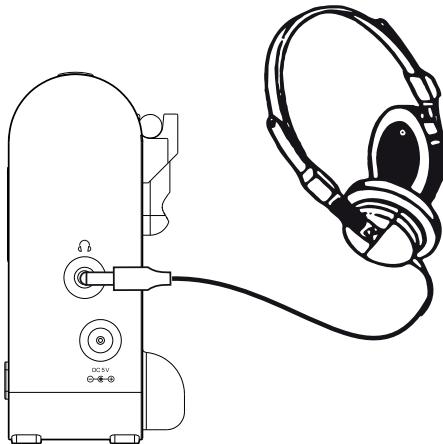
Headphone socket

A 3.5mm *Headphone Socket* located on the right hand side of your radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal loudspeaker.

Please be aware that the sensitivity of headphones can vary widely. We therefore recommend setting the volume to a low level before connecting headphones to the radio.

IMPORTANT: Excessive sound pressure from earphones and headphones can cause hearing loss.

To prevent possible hearing damage, do not listen at high volume levels for long periods.

General

Do not allow this radio to be exposed to water, steam or sand. Do not leave your radio 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 DAB band be used wherever possible as better results in terms of quality and freedom from interference will usually be obtained than on the FM band.

The name plate is located on the rear of the radio.

- Your radio and AC/DC adaptor should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the radio or adaptor.
- It is recommended to operate the product such that there is a minimum distance (10cm recommended) to adjacent objects in order to ensure good ventilation.
- The ventilation of the product should not be restricted by covering it or its ventilation openings with items such as newspapers, tablecloths, curtains etc.
- No naked flame sources such as lighted candles should be placed on the product.
- It is recommended to avoid using or storing the product at extremes of temperature. Avoid leaving the unit in cars, on window sills, in direct sunlight etc.
- There are no user serviceable parts inside this product.
- Do not attempt to disassemble any part of the product.
- The product must be used in a moderate climate.

Specifications

Power Requirements

Mains	AC 100 ∿ 240 volts, 50/60Hz (adaptor)
	(Use only the supplied adaptor)
Batteries	4 x LR6 (AA size)
Battery life	Up to 30 hours using alkaline cells depending upon volume and operating mode.

Frequency Coverage

| FM | 87.5-108MHz |
| DAB | 174.928 - 239.200MHz |

The Company reserves the right to amend the specification without notice

Circuit Features

| Headphone socket | 3.5mm dia. |
| Aerial System | FM / DAB telescopic aerial |

Guarantee

This product is guaranteed for twenty four months from the date of purchase by 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. Product 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 product 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 product to the company's service department for attention. In the event that it is not possible to return the product to the Roberts dealer from whom it was purchased, please contact Roberts Radio using the contact details on the www.robertsradio.com website.

For product repairs falling outside the guarantee period, please refer to the "customer care" tab on the www.robertsradio.com website.

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

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