ROBERTS

Classic Blutune

DAB / DAB+ / FM RDS Bluetooth digital radio

❄ Bluetooth™

Please read this manual before use

Contents

Controls (Top)

1. LCD display
2. Volume control
3. On / Off button
4. On indicator
5. Mode button
6. Auto Tune button
7. Menu / Info button
8. Dimmer button
9. Preset button
10. Telescopic aerial
11. Tuning / Select control

Controls (rear)
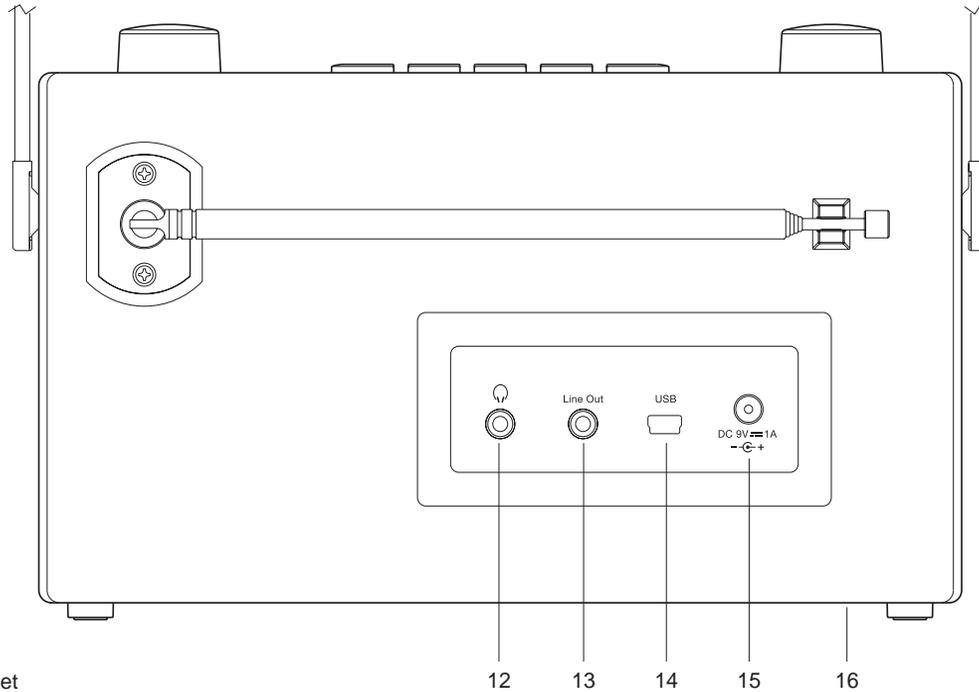
12. Headphone socket
13. Line out socket
14. USB socket (for software upgrade only)
15. DC input socket
16. Battery compartment

Battery operation

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

2. Insert six LR14 (C 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 Classic Blutune is used via the AC adaptor whenever possible with battery operation for occasional or standby 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.

Caution: Replace batteries only with the same or equivalent type. Danger of explosion if the batteries are incorrectly replaced.
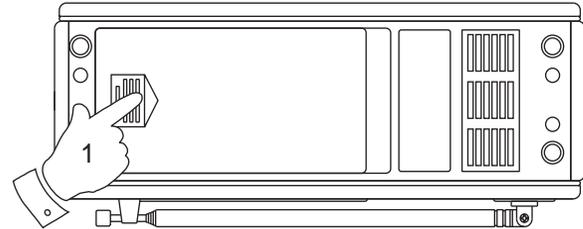
Using the radio for the first time

1. Place your radio on a flat surface.

2. Carefully fully extend the telescopic aerial located on the rear of your radio.

3. Insert the adaptor plug into the DC socket located on the rear of your radio. Plug the adaptor into a standard mains socket outlet. The display will show *'WELCOME'* for a few seconds.

4. If this is the first time that 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.

5. When the scan is completed 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.

   If no signals are found then 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 10.

• Your radio has an indicator ▼.₁▮ on the display to indicate the strength of the DAB radio signal being received.

6. Adjust the volume as needed using the *Volume* control.

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.
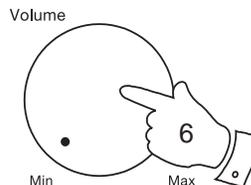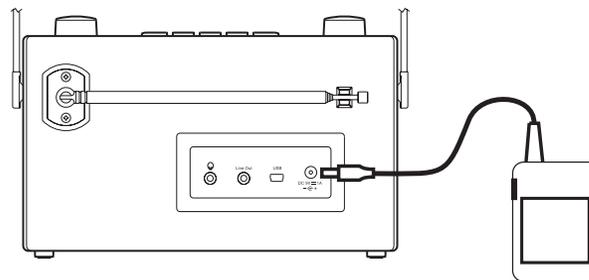
Operating your radio and selecting a station - DAB

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

2. Press and release the *Mode* button until the DAB mode is selected. The display will show the name of the radio station currently selected.

3. Rotate the *Tuning* control to step through the list of available stations.

4. When the desired station name appears on the display, press and release the *Tuning* control to select the station. The radio will select the new station.

   Note: If after selecting a station the station does not connect it may be necessary to relocate your radio to a position giving better reception.

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

6. Approximately 20 seconds after tuning to a new radio station the display will revert to showing the current time and day.

7. To switch off the radio press and release the *On/Off* button to put the radio into its low-power standby mode.

   The radio will stop playing but the clock display will continue at a lower level of brightness. (See also Display brightness control on page 29.)
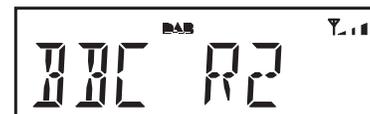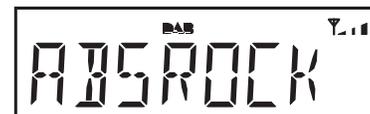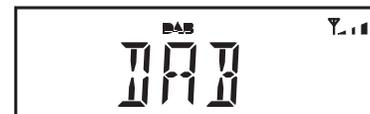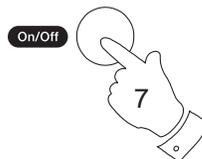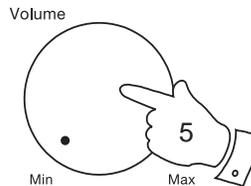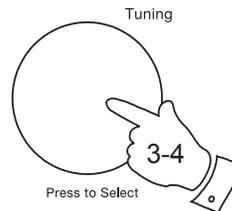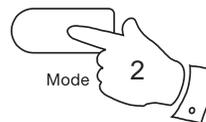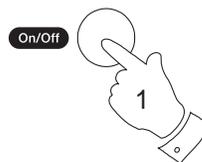
Secondary services - DAB

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

2. To tune to the secondary service, press and release the *Tuning* control. Most secondary services do not broadcast continually and if the selected service is not available, the radio will re-tune to the associated primary service.
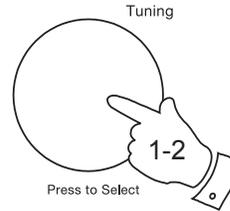
Presetting stations

In many locations there will be a large number of DAB radio stations to choose from and you may find it convenient to store a selection of those that you frequently listen to in the preset station memories in your radio. There are 20 presets in total, 10 for DAB and 10 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 on page 18.

Display options - DAB

Your radio has a range of display options when in DAB mode:-

1. Press and release the *Menu / Info* button to cycle through the various options. All display options except the scrolling text display will revert to the clock display after about 20 seconds.

a

b

c

d

   a. Time and day   Displays the current time and day of the week.

   b. Date   Displays the current date.

   c. Station name   Displays the name of the DAB station being listened to.

   d. Scrolling text   Displays scrolling text messages such as artist/track name, phone in number, etc.

e. Programme type   Displays the type of station being
                     listened to e.g. Pop, Classic, News, etc.

e   NEWS

f. Multiplex Name   Displays the name of the DAB multiplex
                     to which the current station belongs.

f   DIGITAL 1

g. Frequency   Displays the frequency for the
                currently tuned DAB station.

g   225.64MHZ

h. Bit rate   Displays the digital audio bit rate for the
               currently tuned DAB station.

h   128KBPS

i. Signal strength   Displays the signal strength for the station
                      being listened to.The minimum signal
                      marker shows the minimum signal
                      strength required for clear DAB reception.

i   IIII

Finding new stations - DAB

From time to time, new DAB radio 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. Press and release the *On/Off* button to switch on your radio.

2. If needed, press and release the *Mode* button until the DAB mode is selected.

3. Press and release the *Auto Tune* button. Your radio will perform a scan of the Band III DAB channels. As new stations are found, the station counter on the right-hand side of the display will increase and stations will be added to the list.

4. Alternatively to scan for stations, press and hold the *Menu* button. The DAB menu will show on the display.

5. Rotate the *Tuning* control until the display shows *'SCAN'*.

6. Press and release the *Tuning* control. Your radio will perform a scan of the Band III DAB channels.
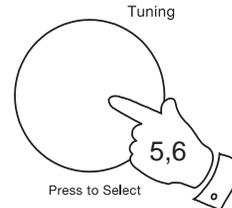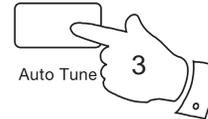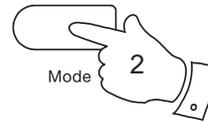
Manual tuning - DAB

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. Press and hold the **Menu** button. The DAB menu will show on the display.

2. Rotate the **Tuning** control until the display shows *'MANUAL'*. Press and release the **Tuning** control to enter the manual tune mode.

3. Rotate the **Tuning** control to select the desired DAB channel.

4. Press and release the **Tuning** control 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 go up or down showing the changing signal strength as you adjust the aerial or your radio position. Press and release the **Tuning** control again to return to the normal DAB tuning mode.

Menu/Info 1

Tuning

2-5
Press to Select

DAB
MANUAL

DAB
222.0   117

DAB
¦ ¦ ¦ ¦

Dynamic Range Control (DRC) - DAB

The DRC facility can make quieter sounds easier to hear when your radio is used in a noisy environment.

There are three levels of compression:

DRC 0   No compression applied. (default)

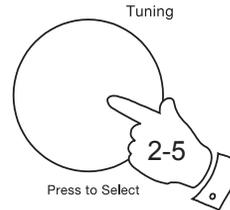DRC 1/2   Medium compression applied.

DRC 1   Maximum compression applied.

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

2. Press and release the *Mode* button until the DAB mode is selected.

3. Press and hold the *Menu* button. The DAB menu will show on the display.

4. Rotate the *Tuning* control until *'DRC'* appears on the display. Press and release the *Tuning* control. The display will show the current DRC value.

5. Rotate the *Tuning* control to select the required DRC setting (default is 0).

6. Press and release the *Tuning* control to confirm the setting. After several seconds the display will return to the normal radio display.

Note: Not all DAB broadcasts are able to use the DRC function. If the broadcast does not support DRC, then the DRC setting in the radio will have no effect.
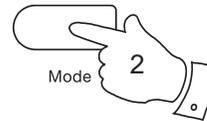
Prune stations - DAB

Over time, some DAB services may stop broadcasting, or may change location and then not be able to receive a station. In order to remove such stations from the DAB station list, the Prune stations function will delete the DAB stations from your station list that can no longer be received.

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.

1. Press and release the *On/Off* button to switch on your radio.
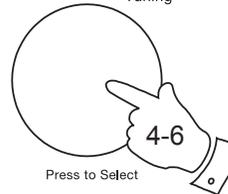
2. Press and release the *Mode* button until the DAB mode is selected.

3. Press and hold the *Menu* button. The DAB menu will show on the display.

4. Rotate the *Tuning* control until *'PRUNE'* appears on the display. Press and release the *Tuning* control.

5. Rotate the *Tuning* control to select *'Y'*. Press and release the *Tuning* control to cause the stations list to be pruned, eliminating unavailable stations.

6. If you do not wish to prune stations select *'N'* in step 5 and then press and release the *Tuning* control. The display will revert back to the previous display.

   Note: If you have moved 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 10).
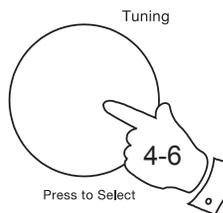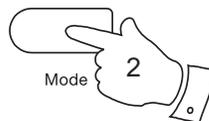
Operating your radio - FM auto-tune

1. Carefully fully extend the telescopic aerial located on the rear of your radio.

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

3. Press and release the *Mode* button until the FM mode is selected.

4. Rotate the *Tuning* control clockwise and then press and release the *Auto Tune* button to cause your radio to search from low frequency to high frequency and to 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 may display the station name.

6. To find other stations press and release the *Auto Tune* button as before.

7. Rotate the *Tuning* control anti-clockwise and then press and release the *Auto Tune* button to cause your radio to search from high frequency to low frequency and to stop automatically when it finds a station of sufficient strength.

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

9. Adjust the *Volume* to the required setting. To switch off your radio, press and release the *On/Off* button.
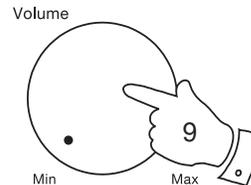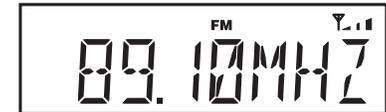
Manual tuning - FM

1. Carefully fully extend the telescopic aerial located on the rear of your radio.

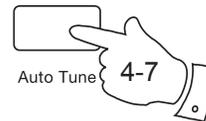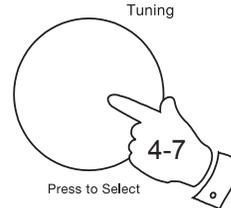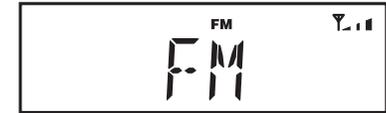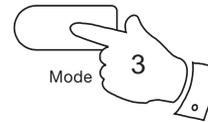2. Press and release the *On/Off* button to switch on your radio.

3. Press and release the *Mode* button until the FM mode is selected.

4. Rotate the *Tuning* control 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. Set the *Volume* to the desired setting.

7. To switch off your radio press and release the *On/Off* button.
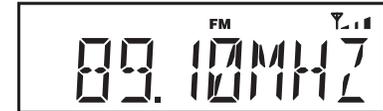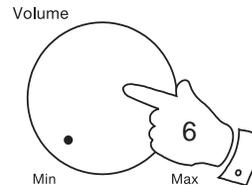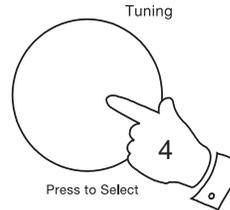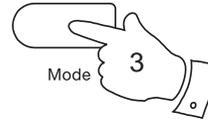
Display options - FM

Your radio has a range of display options for the FM mode:-

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. The following are available on your radio.

1. Press and release the *Menu / Info* button to cycle through the various options. All display options except the text display will revert to the clock display after about 20 seconds.

   a. Time and day   Displays the current time and day.

   b. Date   Displays current date.

   c. Station name   Displays the name of the radio station being listened to.

   d. Scrolling text   Displays scrolling text messages such as artist/track name, phone in number, etc.

   e. Programme type   Displays type of station being listened to e.g. Pop, Classic, News, etc.

Note: If no RDS information is available, the radio will be unable to display the station name, scrolling text and programme type information.

a

b

c

d

e

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 and release the **On/Off** button to switch on your radio.

2. Press and release the **Mode** button until the FM mode is selected.

3. Press and hold the **Menu** button. The FM menu will show on the display.

4. Rotate the **Tuning** control until *'SCAN'* shows on the display. Press and release the **Tuning** control.

5. Rotate the **Tuning** control to switch between 'LOCAL' and 'DISTANT' options on the display. The Distant option will allow the radio to find weaker signals when scanning.

6. Press and release the **Tuning** control to confirm your selection. The radio will then revert to the normal information display. The Local or Distant setting is stored in the radio and remains in force until changed or until a System Reset.
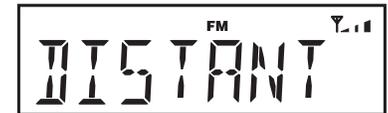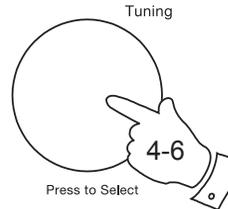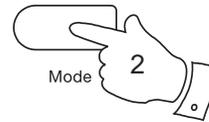
Note: The initial setting (out of the box, or after a System Reset) causes the radio to ignore weaker (or more distant) signals.

Mode 2

Menu/Info 3

Tuning

4-6

Press to Select

SCAN FM

LOCAL FM

DISTANT FM

Presetting stations

You may store your preferred DAB and FM radio stations to the preset station memories. There are 20 memory presets in your radio, 10 for DAB and 10 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.

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

2. Press and release the *Mode* button to select either the FM or DAB mode.

3. Tune to the required station as previously described.

4. Press and release the *Preset* button. The display will show, for example, *'Empty 1'* if no station has been stored to that preset.

5. Rotate the *Tuning* control to select the desired preset station number under which you wish to store the station.

6. Press and hold the *Tuning* control until the display shows, for example, *'STORED'*. The station will be stored under the chosen preset. Repeat this procedure for the remaining presets.

7. Stations which have been stored in preset memories may be overwritten by following the above procedure.

18
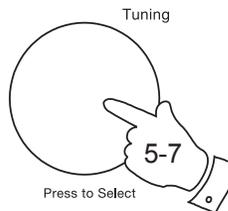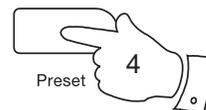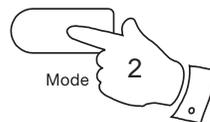
Recalling a preset station

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

2. Press and release the **Mode** button to select either the FM or DAB mode.

3. Press and release the **Preset** button. The display will show, for example, *'Empty 1'* if no station has been stored to that preset. If a preset has been stored, then the display will show either the station name (for DAB stations) or the frequency (for FM stations).

4. Rotate the **Tuning** control to select the desired preset station.

5. Press and release the **Tuning** control. Your radio will tune to the chosen preset station stored in the preset memory.

Mode 2

Preset 3

Tuning

4,5

Press to Select

FM

07:50 P1

FM

BBC R2
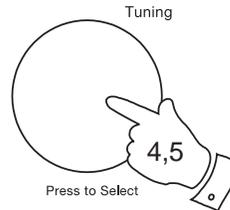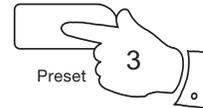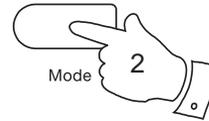
Bluetooth mode

The Bluetooth mode on your radio allows you to play audio, play sound from video files and stream music from Bluetooth capable devices such as your mobile phone, computer, tablet etc. through your radio's loudspeaker.

● When a Bluetooth enabled device such as your Classic Blutune radio is in a 'discoverable' state other Bluetooth devices can detect, pair with or connect to it.

● 'Bluetooth pairing' occurs when two Bluetooth enabled devices agree to establish a connection and communicate with each other.

● *Your radio will flash the Bluetooth indicator on the display when it is discoverable or when it is trying to connect to a previously paired Bluetooth device. When a device is paired with and connects to your radio, the Bluetooth indicator light on the display will remain lit.*

Bluetooth connectivity performance may vary depending on the connected Bluetooth devices. Please refer to the Bluetooth capabilities of your device before connecting to your radio. All features may not be supported on some paired Bluetooth devices.

A Bluetooth connection can provide a link for audio up to a distance of approximately ten metres. When pairing two Bluetooth enabled devices, for convenience, we recommend they should be no more than 2 to 3 metres apart. The presence of other functioning Bluetooth devices during connection may lead to operational difficulties.

Bluetooth is a short-range radio communication system and generally Bluetooth devices can communicate with each other clearly within a regular sized room or office. The reliability of a Bluetooth connection between different rooms will greatly depend upon the construction of the building.

Bluetooth communication range may be substantially reduced if the signal passes through a solid object. Human bodies, brick and concrete walls, heavy furniture or bookcases will all reduce the operational range of your Bluetooth devices to a greater or lesser extent. Glass, dry-wall or wood paneled walls and office partitions may have a less severe but noticeable effect. Metal pipes, foil-lined plasterboard, metal window frames and domestic wiring can also have an effect. You should position your Bluetooth devices closer to each other if you observe communication difficulties.

WiFi networks and cordless phones generally use similar radio frequencies to Bluetooth and may interfere with one another. If any interference is noticed, then try relocating the radio or one of the other devices.

The Bluetooth capabilities of your radio allow it to receive audio from many Bluetooth capable devices including mobile phones, personal computers and tablets. Only one Bluetooth device can be connected to your radio at a time. It supports the following Bluetooth profiles and functionality.

● Your radio supports A2DP (Advanced Audio Distribution Profile) which is a stereo audio connection that streams stereo music from PCs, mobile phones etc. SBC and AAC audio codecs are supported.

● Your radio supports AVRCP (Audio Video Remote Control Profile) which allows your radio to control music playback from the connected device.

Note: Some mobile phones may temporarily disconnect from your radio when you make or receive calls. Some devices may temporarily mute their Bluetooth audio streaming when they receive text messages, emails or for other reasons unrelated to audio streaming. Such behaviour is a function of the connected device and does not indicate a fault with your radio.

Connecting Bluetooth devices

1. Ensure that the Bluetooth capability on your phone, tablet or PC is enabled. You may need to refer to the user documentation for your device, since the method will vary with each device.

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

3. Press and release the *Mode* button on your radio until the Bluetooth mode is selected. Your radio will show that it is 'discoverable' by flashing the *Bluetooth indicator* on the display.

4. Using the Bluetooth settings of your phone, tablet or PC direct it to search for 'discoverable' devices. After a few seconds, you should see a device named *'Classic Blutune'*. Just occasionally it may take longer for the radio to be found by your device.

5. Select *'Classic Blutune'* to cause your phone, tablet or PC to pair with your radio and to establish a connection.

6. Once the connection is established, the *Bluetooth indicator* on the radio's display will stop flashing and will remain lit. The name of the connected device will be displayed on the radio.

    You can now begin playing music from your phone, tablet etc.

Some Bluetooth devices may require a 'Passkey' (an authentication key) in order to establish a link between devices. A passkey is similar to a password, although you only need to use the passkey once to establish a link. If your device asks for a passkey to be able to pair with your radio then enter a code of 0000 (four zeroes).
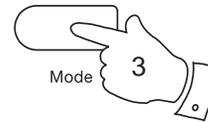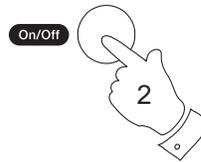
Playing audio files in Bluetooth mode

When you have successfully connected your radio with your chosen Bluetooth device you can start to play your music using the controls on the device.

1. Once playing has started adjust the volume to the required setting using the *Volume* controls on your radio and on the connected device.

2. Provided that your phone, tablet or PC allows volume control when using Bluetooth you may prefer to set the radio's volume control to a high level. This will allow the audio volume to be controlled using the connected Bluetooth device. This will generally be the more convenient method of controlling the volume.

    However, if you are using headphones plugged into your radio, we strongly recommend that the radio's volume control is used as the means of adjusting the audio volume. You will then need to set the volume on the connected Bluetooth device to a higher level. The purpose here is to prevent unexpectedly loud noises in the headphones, when changing modes in the radio or when switching on and off.

3. The audio player in your phone, tablet or PC may be able to respond to the *Play/Pause*, *Next* track and *Previous* track control on the radio. To play or pause the audio press and release the *Tuning* control. To access the next or previous track, rotate the *Tuning* control clockwise or anti-clockwise as required.

    Note: That not all player applications or devices may respond to all of these controls.

4. If your connected device is able to provide information from the track being played, you may press and release the *Info* button to display the Title, Artist and Album details on the display as well as audio information, time and date. The display will revert to displaying the time approximately 20 seconds after the last button press.
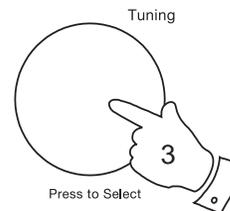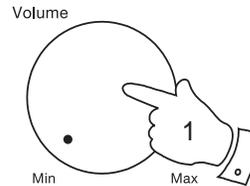
Connecting and disconnecting a Bluetooth device

You can only have one Bluetooth device connected to your radio at any one time although it may be paired with several devices. Once you have a Bluetooth enabled device connected to your radio it cannot be interrupted by another Bluetooth device unless you choose to break the connection.

1. To connect to a new device or to disconnect from the current device, press and hold the **Menu** button on the radio. *'PAIRING'* will flash on the radio's display.

    Press and release the **Tuning** control.

2. The radio will disconnect from your device and then will become 'discoverable' by other devices. The **Bluetooth indicator** will flash on the screen.

    You may then pair your radio with a new device using its Bluetooth settings (the radio will be listed as *'Classic Blutune'*). Some Bluetooth devices will automatically connect while others may need you to confirm the connection.

    When the pairing process is completed, the name of the newly connected device will be shown on the radio's display. You may then play music from the new device through the radio.

3. If you no longer want your Bluetooth device to be paired with your radio you will need to delete the *'Classic Blutune'* pairing on the device. Please refer to the Bluetooth documentation for your phone, tablet, PC etc. for details of how to cancel current pairings.

The Bluetooth icon on the display flashes at about one flash per second whenever the radio is in a 'discoverable' condition.

The icon may also flash at a slower rate of once every few seconds. This indicates that the radio has temporarily lost the Bluetooth connection (if the connected device has moved out of range, for example). The radio will attempt to reconnect automatically.

If automatic reconnection fails, then you will generally be able to connect simply by selecting the *'Classic Blutune'* pairing in your device's Bluetooth settings.
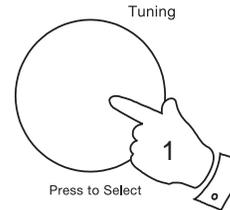
Display options - Bluetooth mode

Your radio has a range of display options when in Bluetooth mode:-

1. Press and release the *Menu / Info* button to cycle through the various options. The display will revert to displaying the time approximately 20 seconds after the last button press.

    a. Device name   Displays the name of your device.

    b. Track title   Displays the title of the track currently playing.

    c. Artist   Displays the artist information for the track currently playing.

    d. Album   Displays the album information for the track currently playing.

    e. Status   Displays the playback status of the current track.

    f. Codec & sampling rate   Displays the Bluetooth audio format and sampling rate used for the currently playing track.

    g. Time and day   Displays the current time and day of the week.

    h. Date   Displays the current date.

a   JUL'S IPO

b   IN A HEA

c   ELSA MIL

d   WALKING

e   PLAYING

f   AAC 44K

g   12:38 TU

h   24-01-14

Setting the clock format

The clock display used in standby mode and when the radio is in use can be set to 12 or 24 hour format. The clock format can only be set while the unit is playing.

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

2. To set the clock format, press and hold the *Menu* button.

3. Rotate the *Tuning* control until *'SYSTEM'* appears on the display. Press and release the *Tuning* control.

4. Rotate the *Tuning* control until *'TIME'* appears on the display. Press and release the *Tuning* control.

5. Rotate the *Tuning* control until *'12/24 HR'* appears on the display. Press and release the *Tuning* control.

6. Rotate the *Tuning* control to display either 12 or 24 hour format.

7. Press and release the *Tuning* control to confirm the setting.
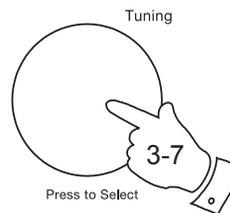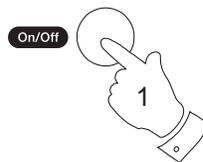
Setting the clock manually

Normally your radio will set its clock automatically using the DAB radio signal. If no DAB signal is available and you need to set the time manually, please follow the procedure shown below.

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

2. To set the clock time, press and hold the *Menu* button.

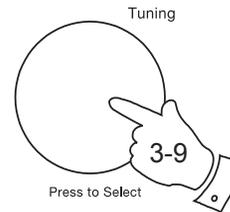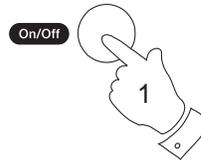3. Rotate the *Tuning* control until *'SYSTEM'* appears on the display. Press and release the *Tuning* control.

4. Rotate the *Tuning* control until *'TIME'* appears on the display. Press and release the *Tuning* control.

5. Rotate the *Tuning* control until *'SET TIME'* appears on the display.

6. Press and release the *Tuning* control to enter the manual setting procedure. The hour digits will then flash on the display.

7. Rotate the *Tuning* control to set the desired hour.

8. Press and release the *Tuning* control to enter the hour setting.

9. The minute digits will then flash on the display. Rotate the *Tuning* control to set the desired minute.

10. Press and release the *Tuning* control to enter the minutes setting. The day will then flash on the display.

11. Rotate the *Tuning* control to select the current day.

12. Press and release the *Tuning* control to enter the day setting. The month will then flash on the display.

13. Rotate the *Tuning* control to select the current month.

14. Press and release the *Tuning* control to enter the month setting. The year will then flash on the display.

15. Rotate the *Tuning* control to select the current year.

16. Press and release the *Tuning* control to confirm the time setting. *'SAVED'* will show on the display before exiting the clock setup.
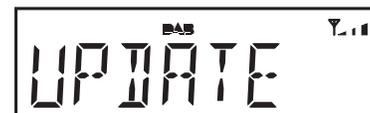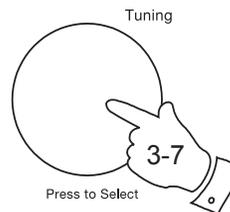
Tuning

10-16

Press to Select
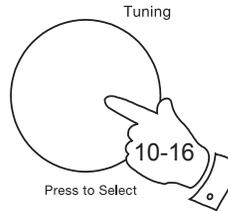
Automatically updating the clock

Your radio will usually set the clock time using the DAB signal. You may specify that the radio sets its clock from the DAB or FM radio signals, either signal, or neither. If you choose neither then you will need to set the clock manually if you would like the radio to be able to display the time correctly.

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

2. Press and hold the *Menu* button.

3. Rotate the *Tuning* control until *'SYSTEM'* appears on the display. Press and release the *Tuning* control.

4. Rotate the *Tuning* control until *'TIME'* appears on the display. Press and release the *Tuning* control.

5. Rotate the *Tuning* control until *'UPDATE'* appears on the display. Press and release the *Tuning* control*.*

6. Rotate the *Tuning* control to choose an update option from, 'ANY, DAB, FM or NONE.

7. Press and release the *Tuning* control to confirm your choice. If you chose NONE then refer to page 26 to see how to set the clock manually.

8. The radio will set its time according to the information received. The radio will return to the previous menu display.

If a suitable signal is not found you should then either position the radio or its aerial so that a signal can be received, or use the manual clock setting option on page 26.

On/Off

1

Menu/Info

2

Tuning

3-7

Press to Select

DAB
SYSTEM

DAB
TIME

DAB
UPDATE

DAB
ANY

DAB
DAB
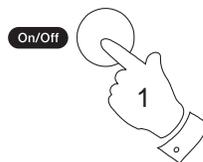
Display brightness control

The brightness of the display can be adjusted and has separate settings for when the radio is in standby or when it is in use.

1. In order to adapt the intensity of the display to suit the ambient room lighting press and release the *Dimmer* button on your radio.

2. With each press of the button the display brightness will change to the next level, allowing you to choose from High, Medium, Low and an almost-off 'night-time' setting.

3. Depending upon whether the radio is playing or in standby the radio will store the current brightness level for that mode.

Auto-standby feature

If the radio is in Bluetooth mode, but then becomes disconnected from a paired device for a long time (perhaps because you have gone out), the radio will enter standby automatically in order to minimise its energy consumption.

1. The Bluetooth icon will be flashing because there is no current Bluetooth connection.

2. If this condition continues for more than 10 minutes then the radio will start a 5 minute countdown before entering standby. The radio will then display the time remaining.

3. After a total of 15 minutes has elapsed the radio will enter standby with the clock being displayed.

4. You will need to switch the radio on again in order to listen to the radio or to use the Bluetooth function.

Pressing any button during the 15 minute period will reset the standby timer and it will be cancelled if a Bluetooth connection is established.

Software version

The software display cannot be altered and is just for your reference. Ensure your radio is switched on.

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

2. Press and hold the *Menu* button.

3. Rotate the *Tuning* control until *'SYSTEM'* shows on the display.

4. Press and release the *Tuning* control.

5. Rotate the *Tuning* control until *'SW VER'* shows on the display.

6. Press and release the *Tuning* control. The display shows the software information.

7. Press and release the *Menu* button to exit the software display.

On/Off

1

Menu/Info

2,7

Tuning

3-6

Press to Select

SYSTEM

SW VER

DAB--MMI--
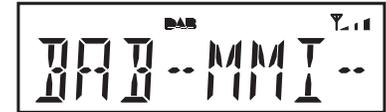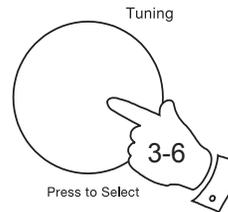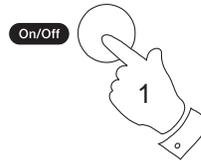
Language function

Your radio can be configured to a different language. Ensure your radio is switched on.

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

2. Press and hold the *Menu* button.

3. Rotate the *Tuning* control until *'SYSTEM'* shows on the display.

4. Press and release the *Tuning* control.

5. Rotate the *Tuning* control until *'LANGUAGE'* appears on the display.

6. Press and release the *Tuning* control to enter the language adjustment menu.

7. Rotate the *Tuning* control until your desired language appears on the display.

8. Press and release the *Tuning* control to confirm your choice. The display will change to the chosen language.

System reset

If your radio fails to operate correctly, or some digits on the display are missing or incomplete carry out the following procedure.
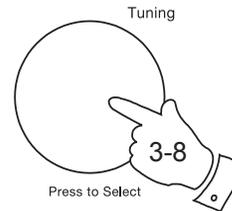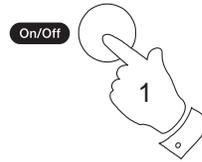
1. Press and release the *On/Off* button to switch on the radio.
2. Press and hold the *Menu* button.
3. Rotate the *Tuning* control until *'SYSTEM'* shows on the display. Press and release the *Tuning* control.
4. Rotate the *Tuning* control until *'RESET'* shows on the display. Press and release the *Tuning* control.
5. Rotate the *Tuning* control until *'Y'* appears on the display. If you do not wish to carry out a system reset, highlight *'N'* and then press and release the *Tuning* control. The display will revert to the previous display.
6. With 'Y' displayed, press and release the *Tuning* control. A full reset will be performed. The station list and presets will be erased. Settings will be set to their default values. The radio will then restart as when first plugged in (see also page 5).
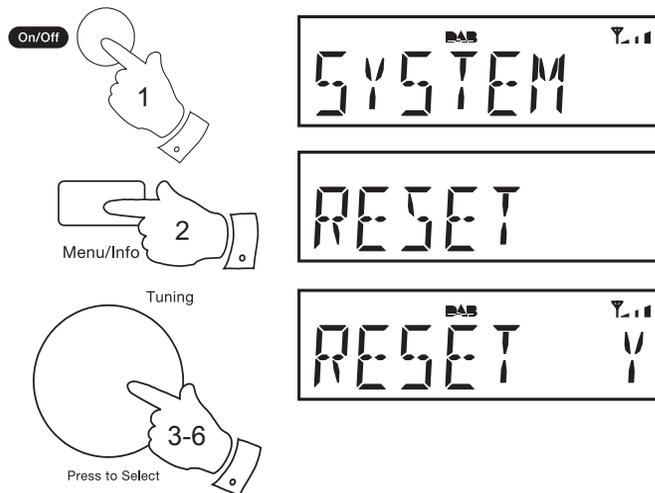
Electro-magnetic compatibility advice

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.

Product markings

	DC Voltage
⎓	Power input 9V / 1A
♲	**Recycling** This product bears the selective sorting symbol for Waste Electrical and Electronic Equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. The user has the choice to give the product to a competent recycling organization or to the retailer when buying a new electrical or electronic equipment.

Headphone socket

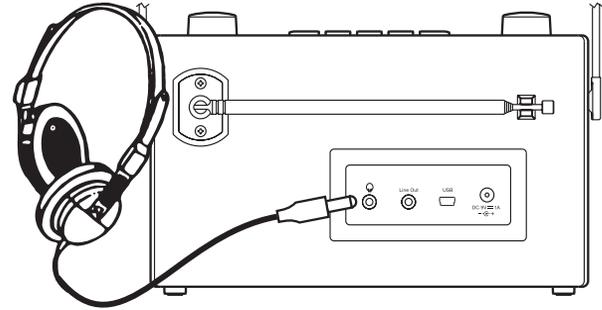A 3.5mm *Headphone Socket* located on the rear of your radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal loudspeaker.

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.

Line out socket (3.5mm Jack)

A 3.5mm *Line Out* socket located on the rear of your radio is provided for connecting the audio signal to an external amplifier. Inserting an audio cable into this socket will not mute the internal loudspeaker. Set the volume control on the radio to minimum if desired.

Software upgrades

In the event that any software update is made available for your radio, information on how to update your radio will be made available via our website at **http://www.robertsradio.com**
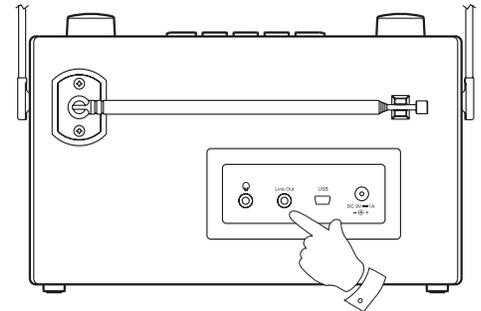
Cautions

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 underneath the unit.

- Your adaptor and radio should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the adaptor or the radio.
- 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 230V $\sim$ 50/60 Hz (Adaptor)
Batteries	6 x LR14 (C size)

Battery life

Approx. 50 hours of listening for 4 hours a day at normal volume using alkaline cells.

Frequency Coverage

FM	87.5-108MHz
DAB	174.928 - 239.200MHz
Bluetooth 2.402- 2.480GHz, Max Power < 20 dBm	

Circuit Features

Loudspeaker		76 mm
Output Power		1 Watt
Headphone socket		3.5mm dia
Line out socket		3.5mm dia
Aerial System	FM	Telescopic aerial
	DAB	Telescopic aerial
Operating temperature range		+5°C to +40°C

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

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.

ROBERTS RADIO LIMITED

PO Box 130
Mexborough
South Yorkshire
S64 8YT

Website: http://www.robertsradio.com

© 2018 Roberts Radio Limited

Issue 3

2018-04-16

CE