

ROBERTS

Blutune 5 / Blutune 6

DAB / DAB+ / FM RDS / Bluetooth digital radio with clock and alarms



DAB
Digital Audio Broadcasting

DAB+  Digital
Radio

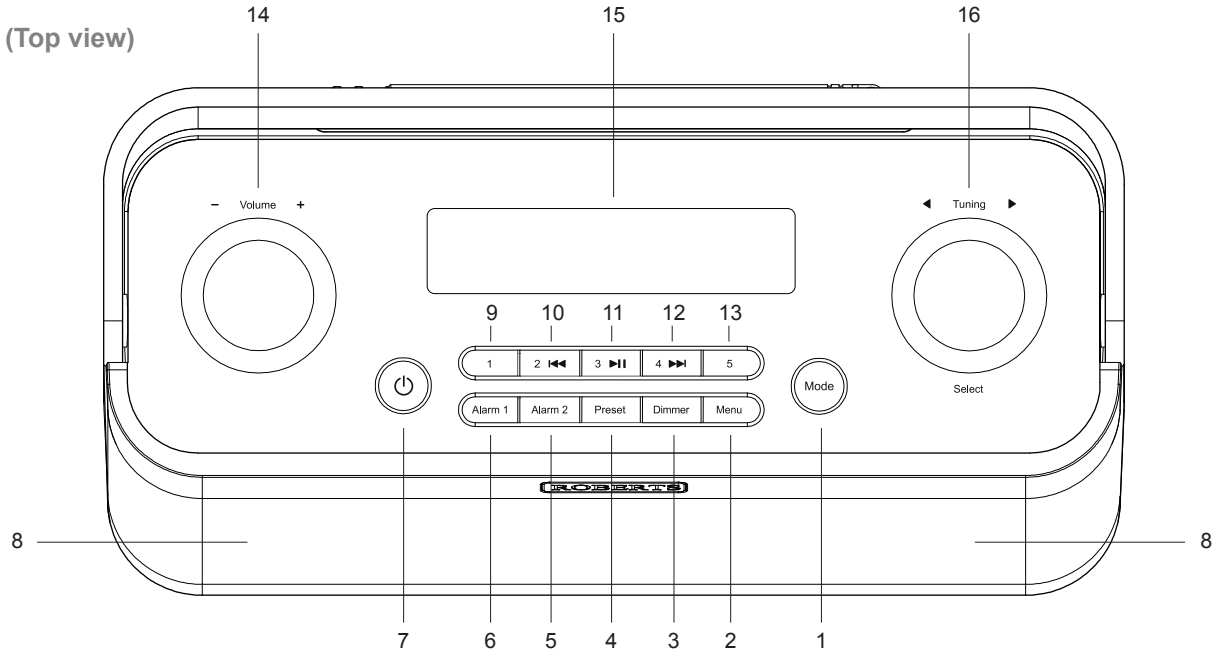
Please read this manual before use

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Blutune 5 controls

(Top view)

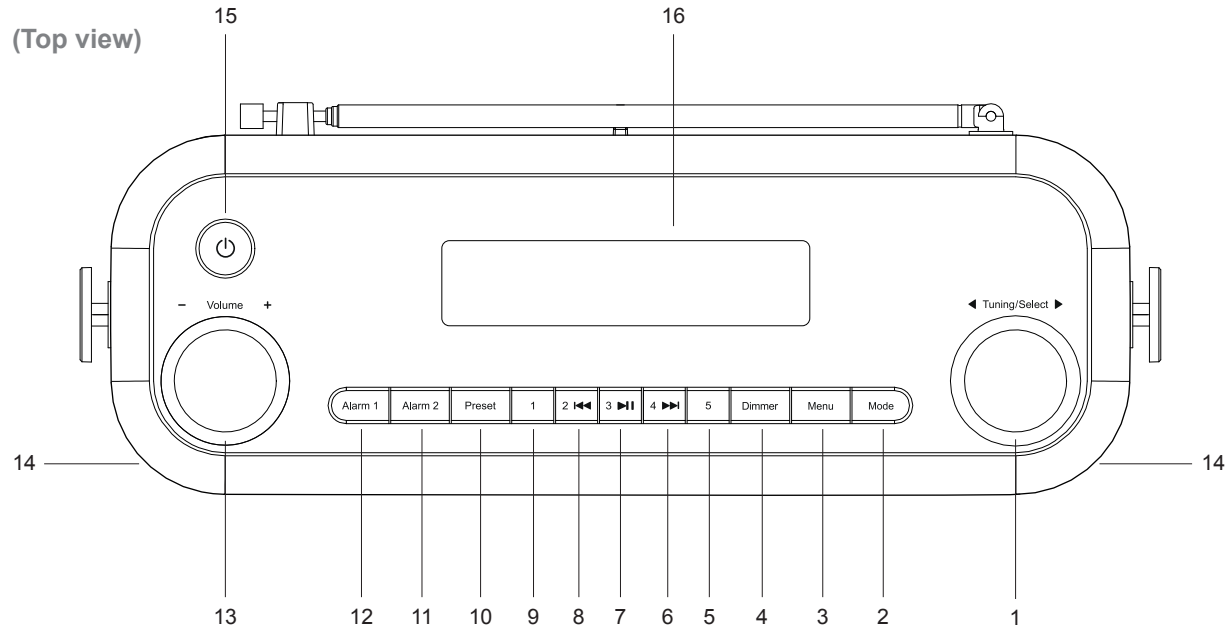


- | | | |
|-------------------|------------------------------------|--------------------------------------|
| 1. Mode button | 7. On / Standby / Sleep button | 13. Preset 5 button |
| 2. Menu button | 8. Loudspeakers x 2 | 14. Volume control |
| 3. Dimmer button | 9. Preset 1 button | 15. LCD display |
| 4. Preset button | 10. Preset 2 / Previous button | 16. Tuning / Select / Snooze control |
| 5. Alarm 2 button | 11. Preset 3 / Play / Pause button | |
| 6. Alarm 1 button | 12. Preset 4 / Next button | |

Note: This instruction manual covers two models, the Blutune 5 and Blutune 6. The illustrations shown throughout the manual are for the Blutune 5. The functions for both models are the same.

Blutune 6 controls

(Top view)

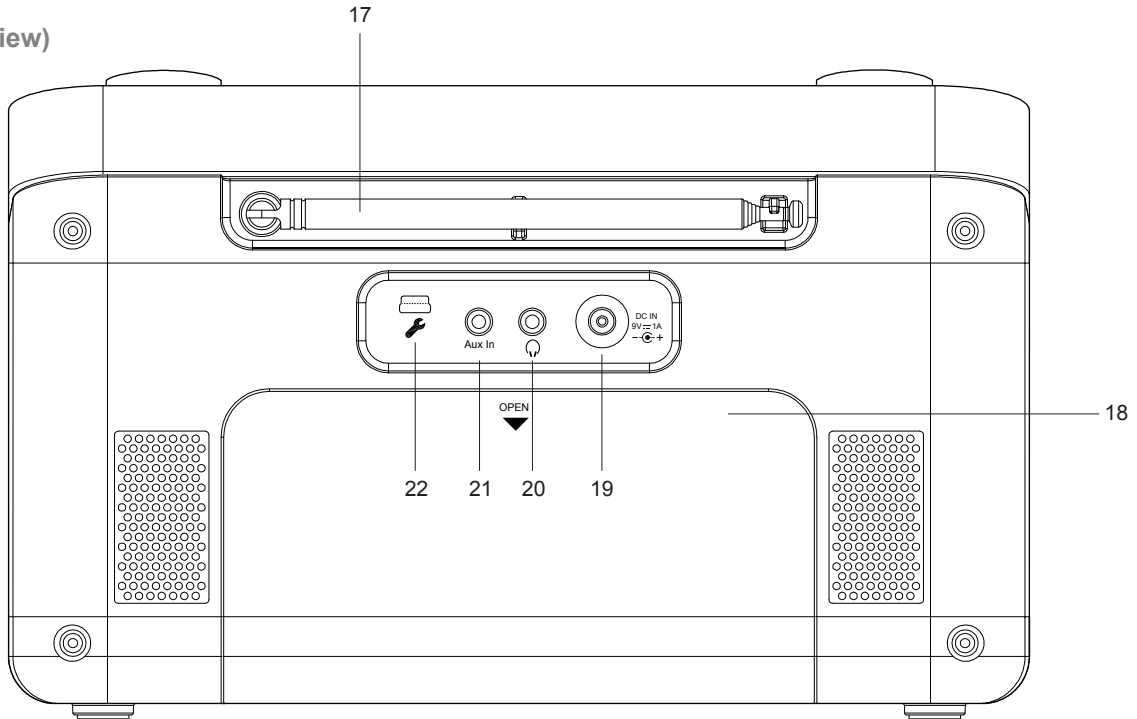


- | | | |
|-------------------------------------|-----------------------------------|---------------------------------|
| 1. Tuning / Select / Snooze control | 7. Preset 3 / Play / Pause button | 13. Volume control |
| 2. Mode button | 8. Preset 2 / Previous button | 14. Loudspeakers x 2 |
| 3. Menu button | 9. Preset 1 button | 15. On / Standby / Sleep button |
| 4. Dimmer button | 10. Preset button | 16. LCD display |
| 5. Preset 5 button | 11. Alarm 2 button | |
| 6. Preset 4 / Next button | 12. Alarm 1 button | |

Note: This instruction manual covers two models, the Blutune 5 and Blutune 6. The illustrations shown throughout the manual are for the Blutune 5. The functions for both models are the same.

Blutune 5 & 6 controls

(Rear view)



17. Telescopic aerial

18. Battery compartment

19. DC input socket

20. Headphone socket

21. Auxiliary input socket

22. USB socket (for service use only)

Battery operation

1. Remove the battery cover located on the rear of the unit by pushing the battery cover in and downwards in the direction shown by the arrow.
2. Insert six LR20 (D 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. The alarm clock function may be used when the radio is powered from batteries (see page 19).
5. 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.

Rechargeable Nickel Metal Hydride (NiMH) cells can be used in the radio but must be charged outside the radio using an external charger. Note that readily available D size NiMH cells have a capacity which is only a small fraction of that of D size Alkaline cells and so they will power the radio for only a few hours before needing recharging. *Never mix batteries of different types, capacities or brands in the radio.*

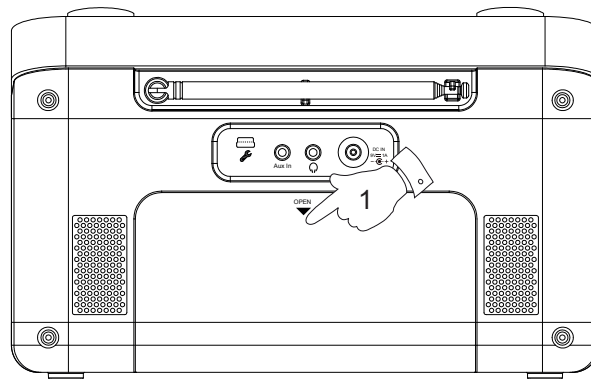
We would recommend for economy that the radio is used via the AC adaptor whenever possible with battery operation for occasional use only.

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.

Caution: Replace batteries only with the same or equivalent type. Danger of explosion if the batteries are incorrectly replaced.

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. An example of this is applying a long press to the Preset button to set a preset see page 14. When navigating the menu it is generally possible to go back by pressing the **Menu** button.



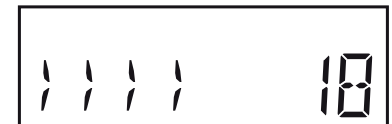
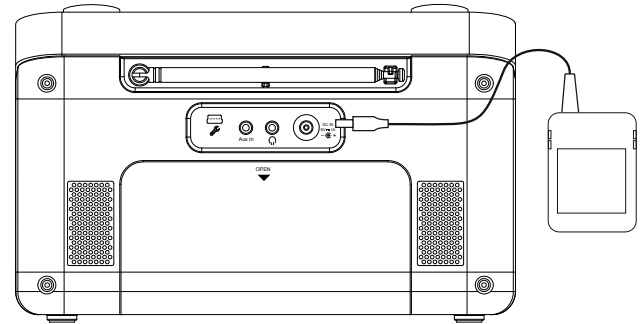
Using the radio for the first time

1. Plug the mains adaptor into the DC input socket located on the rear of your radio (marked 'DC') ensuring that the plug is pushed fully into the socket.
2. Place your radio on a flat surface.
3. Carefully extend the telescopic aerial. The aerial should be fully extended and positioned vertically for optimum reception.
4. Plug the other end of the mains adaptor into a standard mains socket outlet and switch on the wall socket.
5. The display will show 'WELCOME' for a few seconds. During this time the radio is scanning for a DAB radio signal. After a short time the current time and day will appear on the display.
6. If no signal is found, 0:00 will continue to be displayed. It may be necessary to relocate your radio to a position giving better reception. You should then carry out a scan to find stations, see 'Finding new stations' on page 8.

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.



Operating your radio - DAB

1. Carefully extend the telescopic aerial fully.
2. Press the **On/Standby** button to switch on your radio. When first switched on, the radio will be in DAB mode. 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 (depending on whether scanning was already completed in standby mode). 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 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.
5. 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 new 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.

Selecting a station - DAB

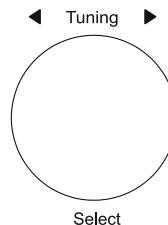
1. Press **On/Standby** to switch on the radio.
2. Press **Mode** until the 'DAB' mode is selected.
3. Rotate **Tuning** to step through the list of available stations.
4. Press **Tuning** to select and tune to the desired station.
5. Adjust the **Volume**.

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



Secondary services - DAB

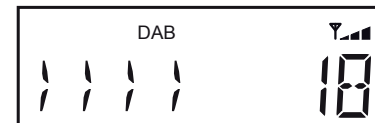
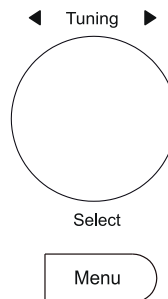
Some radio stations may have one or more additional broadcasts associated with them. If these are available, they will appear immediately after the main station as you rotate the **Tuning** control clockwise. To tune to the selected service, press **Tuning**.



Finding new stations - DAB

As time passes new stations may become available or you may have moved your radio to a different part of the country. In this case you may need to cause your radio to scan for new stations.

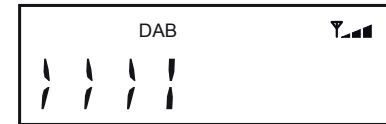
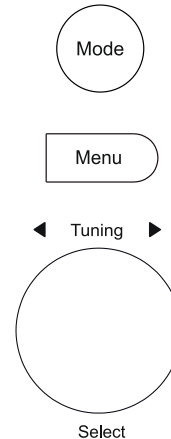
1. Press **On/Standby** to switch on the radio.
2. Press **Mode** until the 'DAB' mode is selected.
3. To scan, **apply a long press** on the **Tuning** control.
4. Alternatively, to scan using the DAB menu, press **Menu**. The display will show 'SCAN'. Press **Tuning**.
5. Your radio will perform a 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.



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.

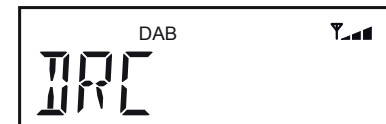
1. Press **Mode** until the 'DAB' mode is selected.
2. Press **Menu**. Rotate **Tuning** until 'MANUAL' is displayed. Press **Tuning**.
3. Rotate **Tuning** to select the desired DAB channel. Press **Tuning** to tune to the chosen frequency.
4. If a signal is present, this will be indicated on a signal strength display. The minimum signal marker (!) shows the minimum signal strength needed for good DAB reception.
5. 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.
6. Press **Tuning** and then **Menu** to exit.



Dynamic Range Control (DRC) settings - DAB

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

1. When in DAB mode, press **Menu**.
2. Rotate **Tuning** until 'DRC' is displayed. Press **Tuning**.
3. Rotate **Tuning** to select the required DRC setting.
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.
4. Press **Tuning** to confirm the setting. **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.



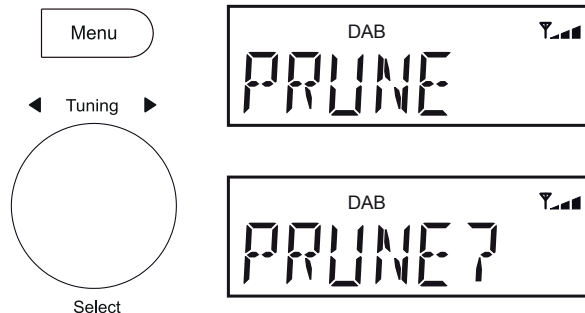
Prune stations - DAB

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.

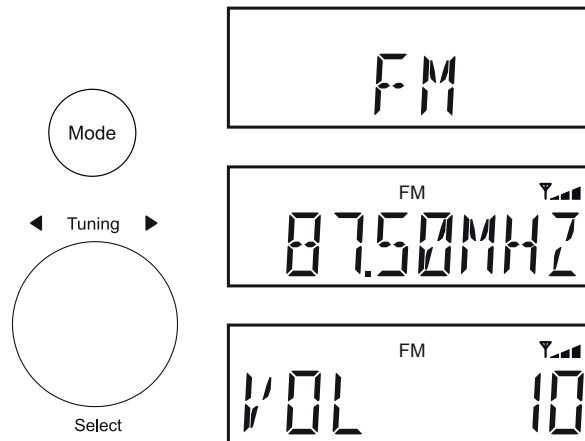
1. When in DAB mode, press **Menu**.
2. Rotate **Tuning** until 'PRUNE' is displayed. Press **Tuning**.
3. 'PRUNE?' will be displayed. Press **Tuning** to cause the invalid station names to be removed from the station list.
4. If you do not wish to prune stations press **Menu** to exit.

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).



Operating your radio - FM

1. Carefully extend the telescopic aerial fully. Press **On/Standby** to switch on the radio.
2. Press **Mode** until the 'FM' mode is selected.
3. Rotate **Tuning** clockwise and then **apply a long press** on **Tuning**. Your radio will scan in an upwards direction (low frequency to high frequency) and stop automatically when it finds a station of sufficient strength. 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.
4. To scan the FM band in a downwards direction (high frequency to low frequency) rotate **Tuning** anti-clockwise and then **apply a long press** on **Tuning**.
5. Alternatively, to scan using the FM menu, press **Menu**. The display will show 'SCAN'. Press **Tuning**.
6. When the waveband end is reached your radio will recommence tuning from the opposite waveband end. Adjust the **Volume**. To switch off your radio press **On/Standby**.



Manual tuning - FM

1. Rotate **Tuning** to tune to a station. The frequency will change in steps of 50kHz.
2. Adjust the **Volume**.

FM Stereo / Mono

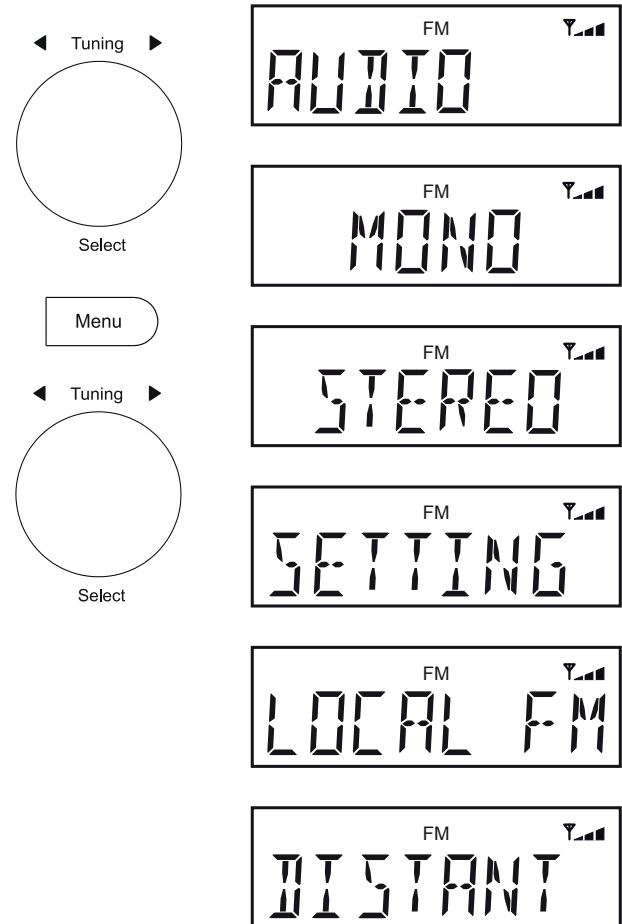
1. If an FM station being received is weak some hiss may be audible. To reduce this, press **Menu** and then rotate **Tuning** until the display shows 'AUDIO'. Press **Tuning**.
2. Rotate **Tuning** until 'MONO' is displayed. Press **Tuning**. Your radio will switch to mono mode.
3. To return to stereo mode rotate **Tuning** until 'STEREO' is displayed. Press **Tuning**. Your radio will switch to stereo mode.

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. When in FM mode, press **Menu**.
2. Rotate **Tuning** until 'SETTING' is displayed. Press **Tuning**.
3. Rotate **Tuning** to choose either the 'LOCAL' or 'DISTANT' option. The Distant option will allow the radio to find weaker signals when scanning.
4. Press **Tuning** to confirm. 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.



Display options - DAB / FM / Bluetooth

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

1. Press **Tuning** to cycle through the various options. All DAB and FM displays except the text display will revert to the clock display after about 10 seconds.

DAB display options

Your radio can 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.

FM display options

In FM mode your radio can use the Radio Data System (RDS) to display the radio station name and additional text when provided by the broadcaster and where the radio signal is sufficiently clear.

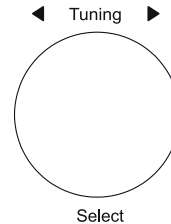
Your radio can display the following in FM mode:-

Frequency, scrolling text, program type, station name, time and date.

Bluetooth display options

If your connected device is able to provide information from the track being played, your radio can display the following in Bluetooth mode:-

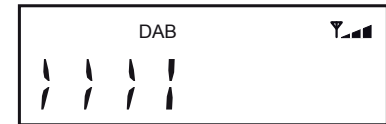
Device name, Title, Album, Artist, time and date details.



Scrolling text (DAB and FM)



Signal strength (DAB only)



Frequency (DAB and FM)



Time and date (DAB and FM)



Title (Bluetooth)



Presetting stations in DAB and FM modes

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.

Storing a preset using the preset buttons 1 - 5

1. Press **On/Standby** to switch on your radio.
2. Tune to the required DAB or FM radio station as previously described.
3. To store the currently playing radio station as a preset, **apply a long press** on the required **Preset** button (1-5) until the display shows for example 'P2 SAVED'. The station will be stored using the chosen preset button. Repeat this procedure as needed for the remaining presets.
4. Stations that are already stored in the presets may be over-written by following the procedure described above.

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



Recalling a preset using the preset buttons 1 - 5

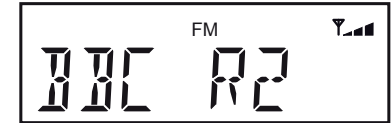
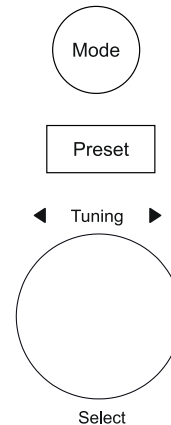
1. Press **On/Standby** to switch on your radio.
2. Select either the DAB or FM mode using the **Mode** button.
3. Momentarily press the required **Preset** button (1-5). Your radio will then tune to the station stored in the selected preset memory.

Note: The display will show 'EMPTY', if no station has been stored to that preset.



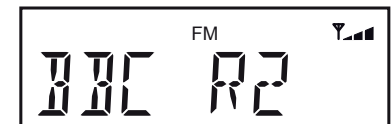
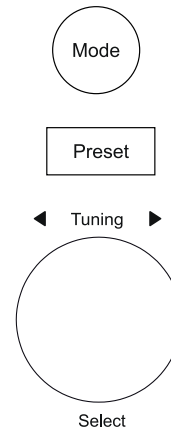
Storing a preset using the menu (presets 1 - 10)

1. Press **On/Standby** to switch on the radio.
2. Select either the DAB or FM mode using the **Mode** button.
3. Tune to the required station as previously described.
4. **Apply a long press** on the **Preset** button. The display will show, for example, 'EMPTY 7' if no station has been stored to that preset.
5. Rotate the **Tuning** control to scroll through the preset list until you reach an unused preset or a preset that you wish to change.
6. Press the **Tuning** control to store the preset. The display will show for example 'P7 SAVED'. The station will be stored under the chosen preset.
7. Repeat this procedure as needed for the remaining presets. Stations which are already stored in the presets may be overwritten by following the above procedure.



Recalling a preset using the menu (presets 1 - 10)

1. Press **On/Standby** to switch on the radio.
2. Select either the DAB or FM mode using the **Mode** button.
3. Press and release the **Preset** button. 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 highlight the desired preset station.
5. Press the **Tuning** control.
6. Your radio will then tune to the station stored in the selected preset memory.



Bluetooth mode

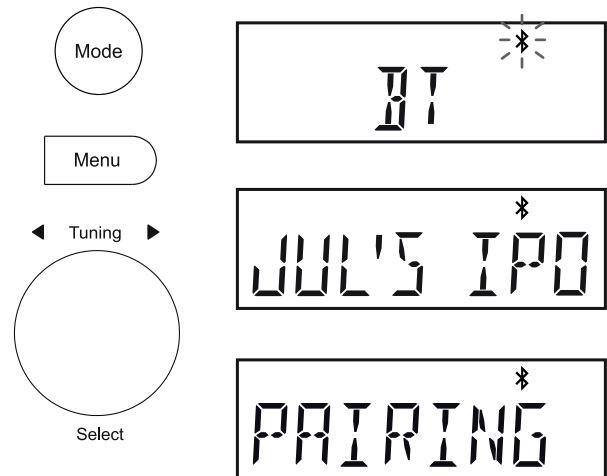
The Bluetooth mode on your radio allows you to play audio, play sound from video files and stream music from Bluetooth capable devices such as your mobile phone, computer, tablet etc. through your radio's loudspeakers.

- When a Bluetooth enabled device such as your Blutune 5 or Blutune 6 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.

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. Ensure your radio is switched on.
3. Press the **Mode** button on your radio until the Bluetooth mode is selected. Your radio will show that it is '*discoverable*' and the **Bluetooth indicator** will flash. If the indicator is not flashing, then the radio is already connected to another device. To cause the radio to become discoverable, press the **Menu** button. Rotate **Tuning** until '*PAIRING*' is displayed and then press **Tuning**. Your radio will be '*discoverable*'.
4. Using the Bluetooth settings on your phone, tablet or PC direct it to search for 'discoverable' devices. After a few seconds, you should see a device named '*Blutune 5*' or '*Blutune 6*'. Just occasionally it may take longer for the radio to be found by your device.
5. Select '*Blutune 5*' or '*Blutune 6*' 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 will remain steady.
You can now begin playing music from your smart-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

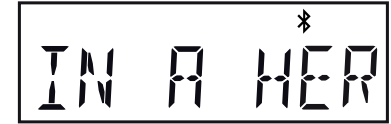
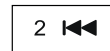
When you have successfully connected your radio with your chosen Bluetooth device you can start to play your music using the controls on the device.

1. Once playing has started adjust the volume to the required setting using the **Volume** control on your radio or the connected Bluetooth device.
2. The volume of your radio in Bluetooth mode is affected by the volume settings on the radio and also on the connected Bluetooth device.

If you adjust the volume control on the radio but you find that the volume from the radio is not sufficient, it may be that the volume setting of the connected device needs to be increased.

3. The audio player in your phone, tablet or PC may be able to respond to the **Play/Pause**, **Next** track and **Previous** track buttons on the radio.

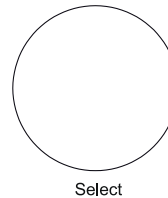
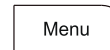
Note: Not all player applications or devices may respond to all of these buttons.



Connecting and reconnecting a Bluetooth device

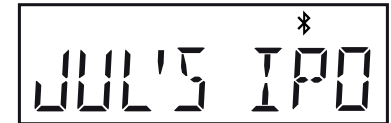
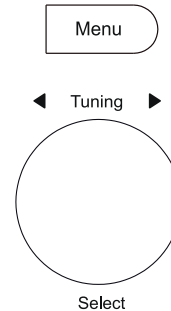
You can only have one Bluetooth device connected to the radio at any one time. Once you have a Bluetooth enabled device connected to your radio it cannot be interrupted by another Bluetooth device unless you choose to break the connection.

1. To connect to a different device, press the **Menu** button on the radio. Rotate **Tuning** until 'PAIRING' is displayed and then press **Tuning**. The **Bluetooth indicator** will flash.
2. Your Blutune 5 or Blutune 6 radio will become 'discoverable' by other devices.
3. You can now pair the radio with a new device using its Bluetooth settings the radio will be listed as 'Blutune 5' or 'Blutune 6'. When the new Bluetooth connection has been established the **Bluetooth indicator** will remain steady. You may then play music from the new device through the radio.
4. If you no longer want your Bluetooth device to be paired with your radio you will need to delete the 'Blutune 5' or 'Blutune 6' pairing on the device. Please refer to the device's Bluetooth documentation.



Connecting to a previously paired device

1. To connect to a previously paired device, press the **Menu** button.
2. Rotate **Tuning** until 'DEV LIST' shows on the radio's display. Press **Tuning** to enter the list of previously connected devices.
3. Rotate **Tuning** to step through a list of previously connected devices. If you do not have any previously connected devices listed the display will show 'EMPTY'.
4. Choose the desired device name and press **Tuning** to reconnect.
5. If automatic reconnection fails then you will generally be able to connect simply by selecting 'Blutune 5' or 'Blutune 6' pairing in your device's Bluetooth settings.



Bluetooth information

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 enable 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.

Note: If the unit is in the Bluetooth mode and it is not playing from a Bluetooth device for more than 15 minutes it will automatically switch to the standby mode. If powered from batteries the radio will then switch off completely. To use the radio again, simply press the On/Standby button to switch it on.

Setting alarm times

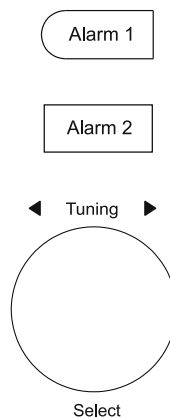
Your radio has two alarms which can be set to wake you to DAB, FM radio or buzzer alarm. Each alarm can be set to sound once, daily, on weekdays or at weekends. In the event of a power interruption your radio has a built-in memory that will retain your alarm settings. Ensure that the time is set correctly before setting the alarms.

Alarms can be set while the radio is in standby mode or switched on. You may set the alarm duration to sound for 30, 60, 90 or 120 minutes please see 'To set the alarm duration' page 21.

Alarms may be used whether the radio is powered from the mains or from batteries. If the radio is switched off when powered from batteries, the clock will continue to run so that alarms can be used. However the clock display will be switched off to extend battery life.

If no buttons are pressed for 30 seconds, your radio will exit the alarm setup.

1. **Apply a long press** on the **Alarm 1** or **Alarm 2** button. 'Alarm 1' or 'Alarm 2' will show on the display and the alarm indicator will flash on the display.
2. Press **Tuning** to enter the alarm setting menu.
3. Rotate **Tuning** to select ON or OFF. If OFF is selected any current setting for that alarm will be cancelled.
4. With 'ON' selected press **Tuning** to cause the alarm hour digits to flash on the display.
5. Rotate **Tuning** to choose the desired alarm hour.
6. Press **Tuning** to enter the hour setting. The alarm minute digits will flash on the display.
7. Rotate **Tuning** to choose the desired alarm minute.
8. Press **Tuning** to enter the minutes setting. The alarm day option will show on the display.
9. Rotate **Tuning** to choose the desired alarm day option:
 - Weekdays - Will sound only on weekdays
 - Weekends - Will sound only on weekends
 - Daily - Will sound everyday
 - Once - Will sound at one time only



- If setting the alarm to once only, continue with step 10 below. Otherwise skip to step 11.

10. Press **Tuning** to enter the setting. You will need need to set the day, month and year.

11. Press **Tuning** to enter the setting. The alarm source option will show on the display.

12. Rotate **Tuning** to choose the desired alarm source (DAB, FM, BUZZER).

If setting the alarms to the radio option, the radio alarm may be set to the last listened radio station or any of the stations which have been stored as presets.

Press **Tuning** and then rotate the control to choose either 'LAST' to wake up to the last listened radio station or from a preset on the display.

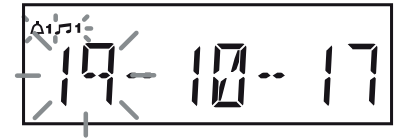
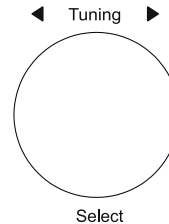
Note: That you can only set the alarm to use a preset which has already been stored. Please see 'Presetting stations' pages 13 and 14.

13. Press **Tuning**. The volume setting will show on the display.

14. Rotate **Tuning** to choose the desired alarm volume. The radio uses the saved volume settings for each alarm when it sounds.

15. Press **Tuning** to confirm the alarm settings. 'SAVED' will show on the display before exiting the alarm setup.

Radio alarms are indicated in the display by the 🎵 symbol and the corresponding alarm number. Buzzer alarms are indicated by the 🔔 symbol and the corresponding alarm number.



When the alarm sounds

The alarm will sound at the selected times for up to 120 minutes unless cancelled. The volume used for the alarm will be specified during the alarm setting procedure. When your radio is set to wake by the radio alarm, your radio will switch to the selected radio station. If the radio cannot connect to the specified DAB radio station, the buzzer will be used instead.

Note: If the radio is switched on because of a radio alarm you can control basic functions such as the volume control.

When the alarm activates it will start softly and gradually increase in level. The alarm icon will flash on the screen and the radio will automatically switch back to standby mode when the alarm duration has elapsed.

Cancelling alarms

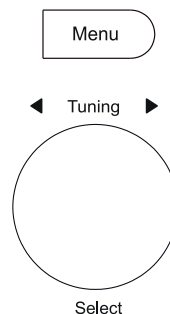
1. Whilst an alarm is sounding, press **On/Standby** to cancel the alarm.
2. If the snooze feature is not required, then setting the snooze option to 'OFF' will allow other controls also to be used to cancel an alarm (see page 22).



To set the alarm duration

The alarm duration is adjustable and can only be set while the radio is playing (default duration is 60 minutes).

1. With your radio switched on, press **Menu**. The menu will show on the display.
2. Rotate **Tuning** until 'SYSTEM' appears on the display. Press **Tuning**.
3. Rotate **Tuning** until 'ALARM' appears on the display. Press **Tuning**.
4. Rotate **Tuning** to choose the desired alarm duration from between 30, 60, 90 and 120 minutes. Press **Tuning**. The radio will exit the menu. The chosen duration setting will be used for all subsequent alarms.



Snooze function

1. When the radio or buzzer alarm sounds, press **Tuning/Select/Snooze** control. This will silence the alarm for the selected number of minutes. The snooze duration can be adjusted between 5 and 20 minutes in 5 minute increments. The default setting is 10 minutes.

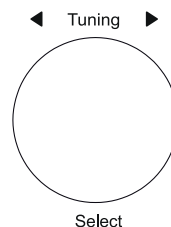
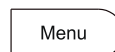
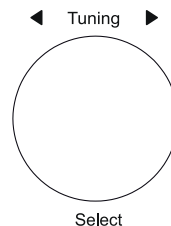
When Snooze has been pressed during an alarm, the display will show the Snooze symbol **z^z**. This sequence can be repeated as needed. The snooze function can also be activated using other buttons on the radio.

2. To cancel the Snooze function, press **On/Standby**.
3. It is possible to disable the snooze function (see below). When this is done you may use any button except the volume control to switch the alarm off.

To set the snooze time

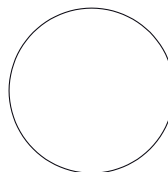
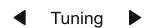
The snooze duration can only be set while the radio is playing.

1. When your radio is playing, press **Menu**.
2. Rotate **Tuning** until 'SYSTEM' appears on the display. Press **Tuning**.
3. Rotate **Tuning** until 'SNOOZE' appears on the display. Press **Tuning**.
4. Rotate **Tuning** to choose the desired snooze setting from between 5, 10, 15 and 20 minutes or to Off. Press **Tuning** to confirm the setting.



Disable alarms

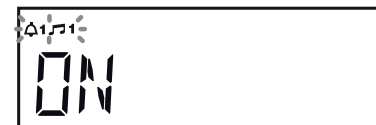
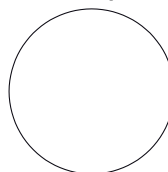
1. Apply a long press on the **Alarm 1** or **Alarm 2** button. 'Alarm 1' or 'Alarm 2' will show on the display and the alarm indicator will flash on the display.
2. Press **Tuning** to enter the alarm setting menu.
3. Rotate **Tuning** to select OFF.
4. Press **Tuning** to disable the alarm.



Enable or disable alarms


When an alarm has already been configured with time, day and mode options (see page 19), you may quickly enable or disable that alarm by means of a short press on the appropriate alarm button as follows.

1. Press and release the **Alarm 1** or **Alarm 2** button. The display will show 'ON' or 'OFF' according to the current state of the alarm and the alarm indicator will flash on the display.
2. Rotate **Tuning** to choose 'OFF' or 'ON' as needed.
3. Press **Tuning** to save the new selection. The display will briefly show 'SAVED' before showing the time.
4. If Tuning is not pressed, the current alarm setting will not be changed. After a few seconds the display will go back to showing the time.



Sleep function

Your radio can be set to turn off after a preset time has elapsed. The sleep timer can be set to between 10 and 90 minutes.

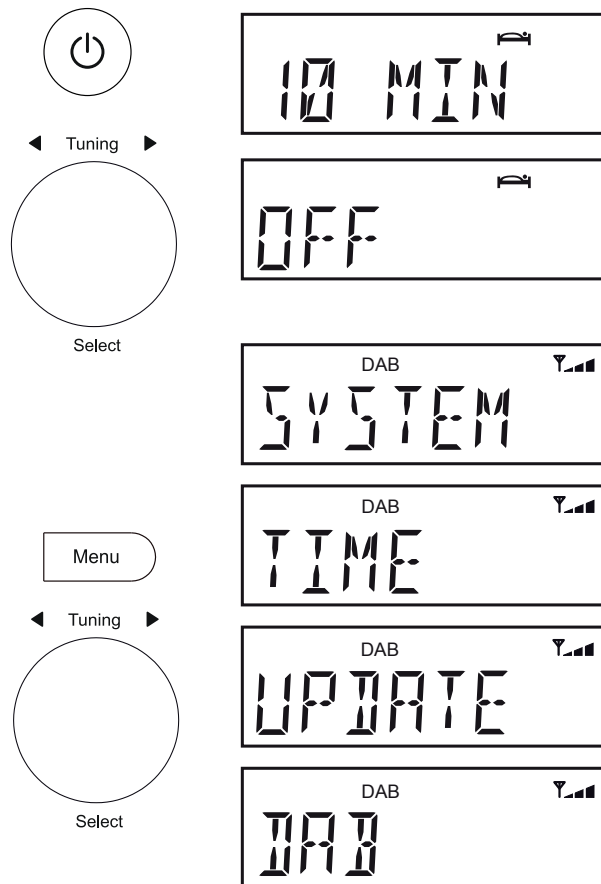
1. Apply a long press on the **On/Standby** button to access the sleep timer.
2. Rotate **Tuning** to select the desired sleep time. The sleep setting will increase in 10 minute increments from 10 up to 90 minutes. A further increment will cause the sleep timer to be set to OFF which will cancel the sleep function.
3. Press **Tuning**. The sleep symbol  will appear on the display. The display will exit the sleep options. Your radio will switch off after the preset sleep time has elapsed.
4. To view the remaining sleep time, follow step 1 above. The remaining sleep time will show on the display.
5. To cancel the sleep timer and switch off your radio before the chosen sleep time has elapsed, press **On/Standby**. To cancel the sleep timer without switching off your radio, set the sleep timer to the OFF setting.

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 waveband, either waveband or none. If you choose none you will need to set the clock manually.

1. Press **On/Standby** to switch on the radio.
2. Press **Menu**.
3. Rotate and press the **Tuning** control to select 'SYSTEM', 'TIME', 'UPDATE' then choose an update option from, DAB, FM, NONE or ANY.
4. Press **Tuning** to confirm your choice.
5. The radio will set its time according to the information received.

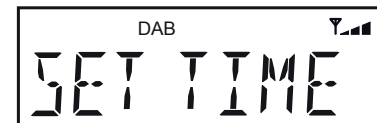
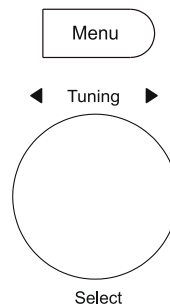
If a signal is not found you should then either position the radio or its aerial so that a signal can be received, or revert to manual clock mode overleaf.



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.

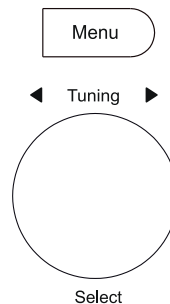
1. Press **On/Standby** to switch on the radio.
2. To set the clock, press **Menu**.
3. Rotate and press the **Tuning** control to select 'SYSTEM', 'TIME', 'SET TIME'.
4. Press **Tuning** to save the time setting.



Software version

The software version display cannot be altered and is just for your reference.

1. Press **On/Standby** to switch on the radio.
2. Press **Menu**.
3. Rotate and press the **Tuning** control to select 'SYSTEM' and then 'SW VER'. Press **Tuning** to display the software version.
4. Press **Menu** as needed to exit.



Display backlight dimmer

The brightness of the display can be adjusted for when the radio is in standby or when in use. If you use the unit in the bedroom, you may prefer a lower standby brightness level than the standard setting. There are four standby brightness levels and four levels for when the radio is in use.

To change the current brightness setting please follow these steps.

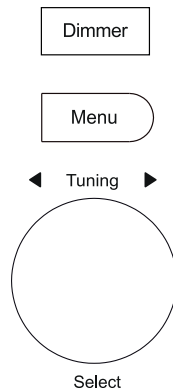
1. If your radio is in the standby mode or playing, press the **Dimmer** button to choose the High, Mid, Low or Off dimmer setting.
2. Alternatively to adjust the brightness using the menu, press **Menu**.
3. Choose 'SYSTEM' and then 'DIMMER'.
4. To adjust the display brightness when the radio is switched on select 'NORMAL'.
To adjust the display brightness when the radio is in Standby select 'STANDBY'.
Press **Tuning** to enter the selected brightness adjustment mode.
5. Choose the High, Mid, Low or Off dimmer setting.
Note that the backlight is almost completely off at the Off setting.
6. Press **Tuning** to set the level. Press **Menu** as needed to exit.

When the radio is in standby and powered from the mains pressing any button (except the Dimmer or Alarm buttons) or the rotary controls will cause the radio to switch to the 'High' brightness level for a few seconds. This is so that if the standby brightness level is set to Low or Off, it is still possible to see the time when needed.

Language function

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

1. Press **On/Standby** to switch on the radio.
2. Press **Menu**.
3. Rotate and press the **Tuning** control to select 'SYSTEM', 'LANGUAGE' and then select your desired language.
4. The display will change to the chosen language.
5. Press **Menu** as needed to exit.



Equaliser function

The sound on your radio can be adjusted to suit your personal taste for the material that you are listening to. The radio has five preset equaliser options. Alternatively, you may set the treble and bass levels as required.

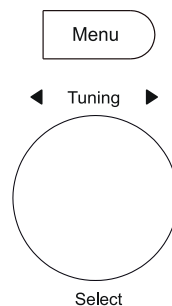
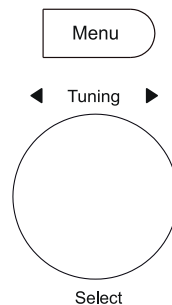
1. Press **On/Standby** to switch on the radio.
2. Press **Menu**.
3. Rotate and press **Tuning** to select 'SYSTEM' and then 'EQ MODE'.
4. Rotate **Tuning** to choose the desired option. The options are as follows: Normal, Rock, Pop, Jazz and Classic.
5. Press **Tuning** to confirm your choice.

Equaliser function (Bass and Treble)

You may set the bass and treble levels to your own preferences using the 'User' menu.

1. Follow steps 1 - 3 above to enter the 'EQ MODE'.
2. Rotate **Tuning** until 'USER' appears on the display. Press **Tuning**.
3. Rotate **Tuning** until 'BASS' or 'TREBLE' is displayed.
4. Press **Tuning**.
5. To adjust the Bass or Treble setting rotate **Tuning** until the desired level (between - 5 and + 5) is displayed.
6. Press **Tuning** to confirm your choice.
7. To use the 'USER' profile choose the 'USER' option.
8. Press **Menu** as needed to exit.

To cancel the effect of the 'USER' profile choose the 'Normal' option from the equaliser menu. **Note:** The bass and treble settings will be remembered for the next time you wish to use the 'USER' setting.



Headphone socket

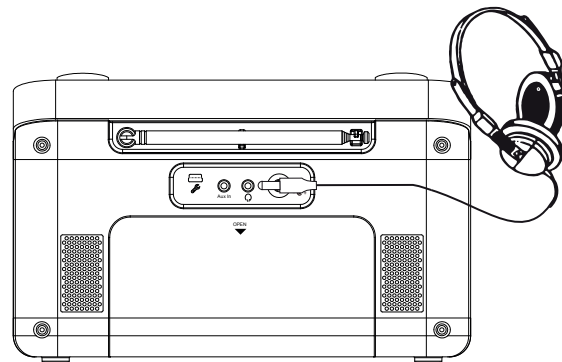
A 3.5mm **Headphone Socket** located on the rear of your radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal loudspeaker.

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.



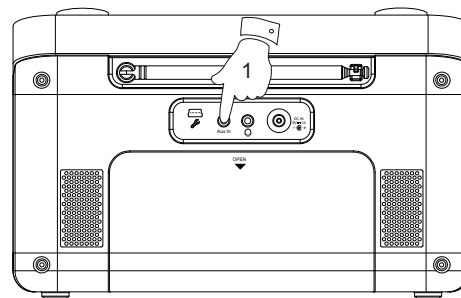
To prevent possible hearing damage, do not listen at high volume levels for long periods.



Auxiliary input socket

1. Connect a stereo or mono audio source (i.e. CD player, MP3 player, etc.) to the **Auxiliary input** socket.
2. Press **On/Standby** to switch on the radio.
3. Press **Mode** until the display shows 'AUX IN'.
4. Adjust the **Volume** control on your player and on the radio for comfortable listening.
5. Remove the cable from the **Auxiliary input** socket or press **Mode** to cancel Auxiliary Input mode.

Note: If the radio is in Auxiliary input mode with no input signal being applied for more than 15 minutes then it will automatically switch to the standby mode. If the radio is powered from the batteries the radio will switch off completely. To use the radio again, simply press the On/Standby button to switch it on.



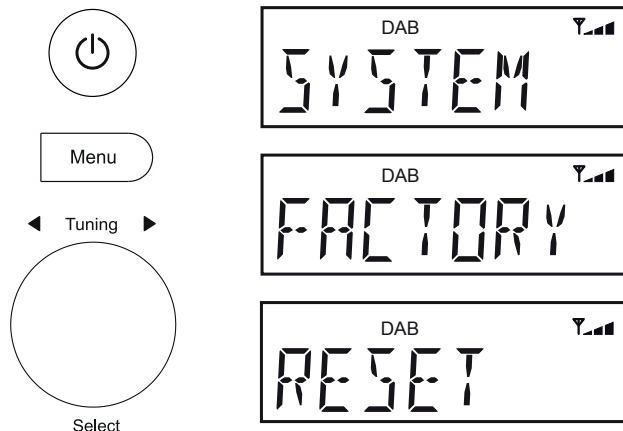
System reset

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

1. Press **On/Standby** to switch on the radio.
2. Press **Menu**.
3. Rotate and press the **Tuning** control to select 'SYSTEM', 'FACTORY' and then 'RESET'.

If you do not wish to carry out a system reset, press the **Menu** button. The display will revert to the previous display.

4. With 'RESET' displayed, press **Tuning**. A full reset will be performed. The station list and presets will be erased. Alarms will be cancelled and settings will be set to their default values. The display will show 'WELCOME'. 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.

Product markings

	DC Voltage 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.

Safety notices

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 radio.

Specifications

Power Requirements

Mains	AC 230 volts, 50Hz ~ only (adaptor) (Use only the supplied adaptor)
Batteries	6 x LR20 (D Size) not included
Battery Life	Up to 150 hours using alkaline cells depending upon volume, display brightness and operating mode.

Frequency Coverage

FM	87.5 - 108MHz
DAB	174.928 - 239.200MHz
Bluetooth	2.402 - 2.480GHz

- 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.

Headphone socket (stereo) 3.5mm dia.

Auxiliary input socket (stereo) 3.5mm dia.

Aerial System FM / DAB telescopic aerial

Bluetooth standards A2DP, AVRCP

Bluetooth codecs supported SBC and AAC

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.

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