

ROBERTS

Enjoy Listening

DAB / FM RDS Stereo Digital Radio with
dock for iPod® and iPhone®

F U S I O N



Made for



iPod



iPhone

DAB

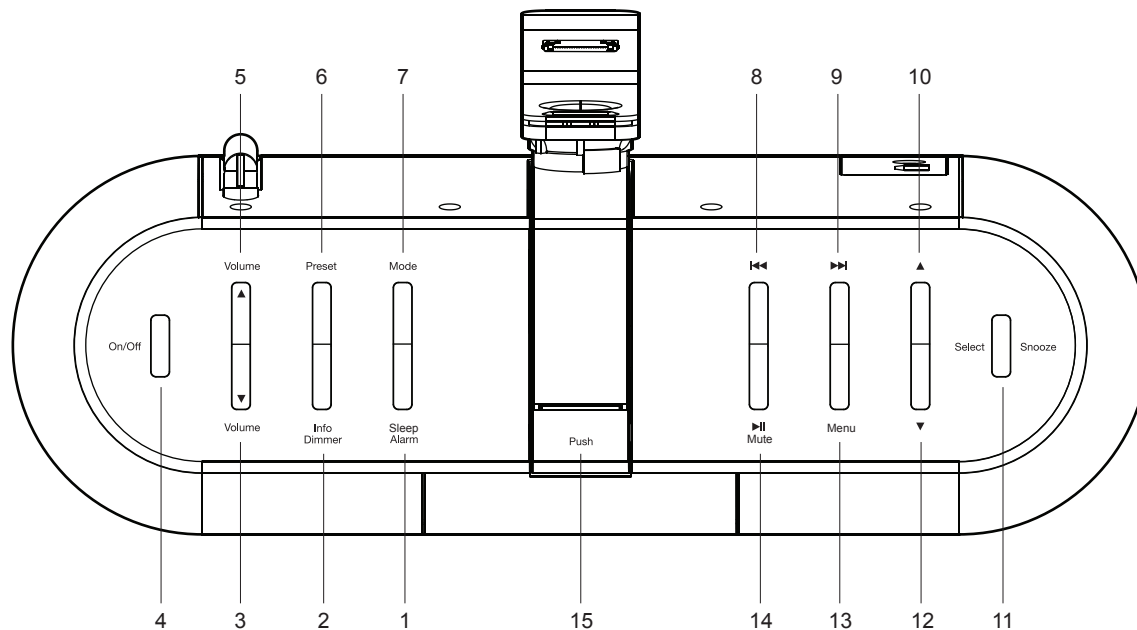
Digital Audio Broadcasting

Please read this manual before use

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Controls (Top)



1. Sleep / Alarm button

2. Info / Dimmer button

3. Volume Down button

4. On / Standby button

5. Volume Up button

6. Preset button

7. Mode button (DAB, FM, iPod or Aux in)

8. Rewind button

9. Fast-forward button

10. Tuning Up button

11. Select / Snooze button

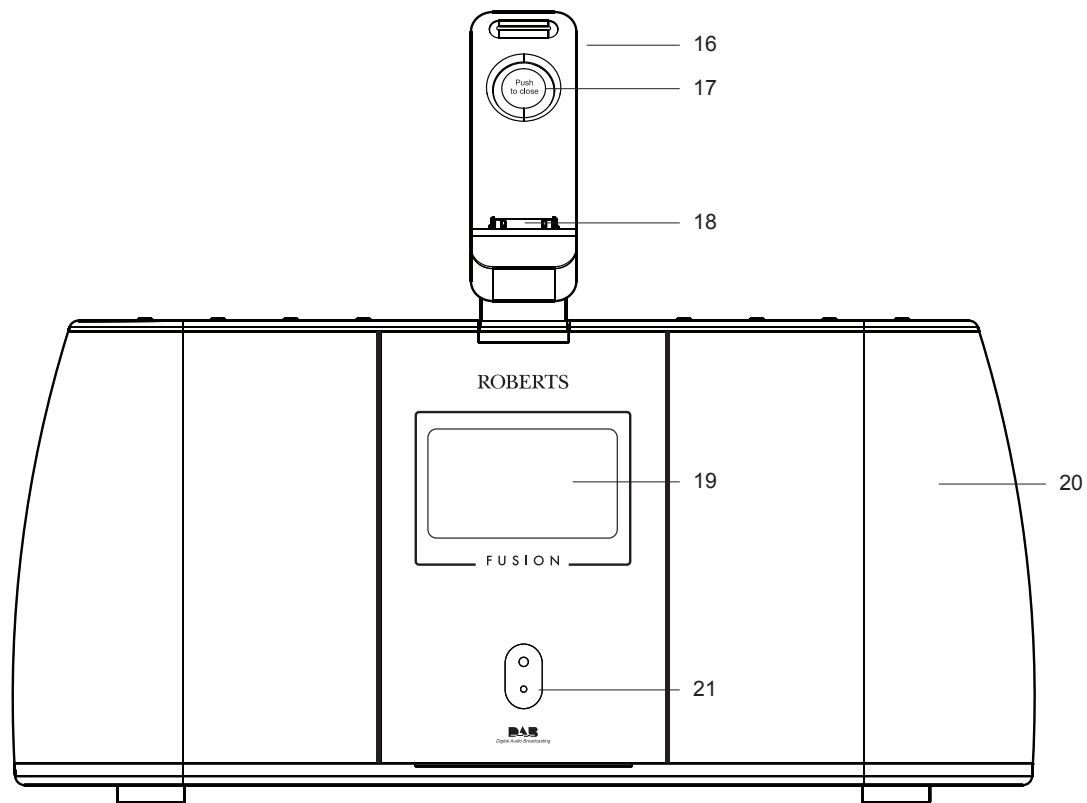
12. Tuning Down button

13. Menu button

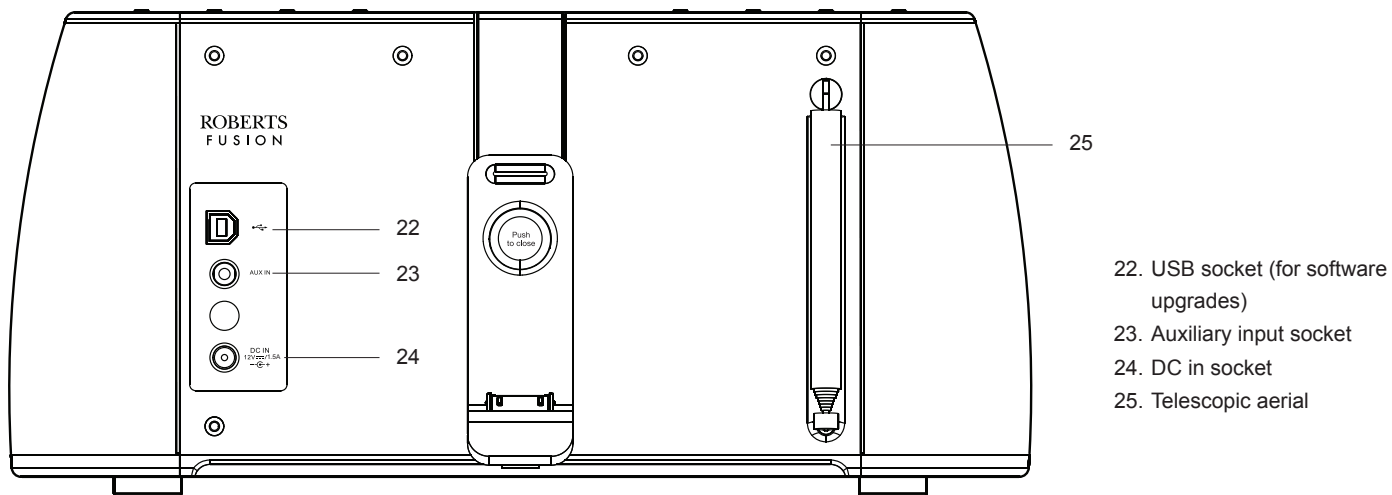
14. Play / Pause / Mute button

15. iPod access button

Controls (front)

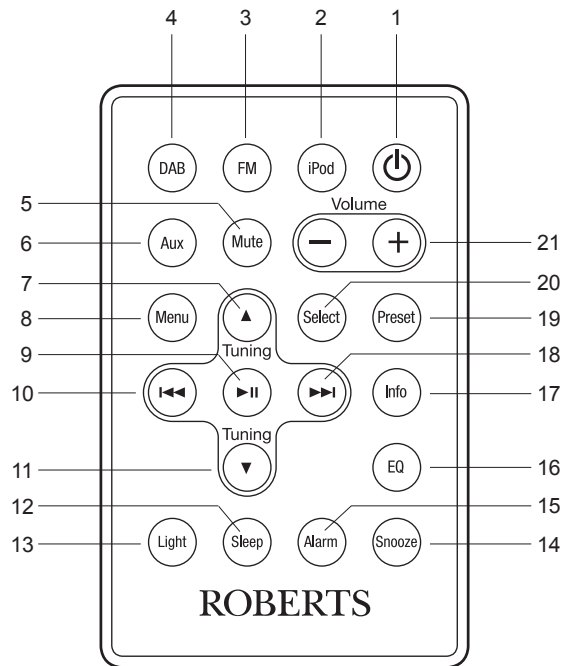


Controls (Rear)



Controls (remote control)

1. On / Standby button
2. iPod button
3. FM button
4. DAB button
5. Mute button
6. Auxiliary in button
7. Tuning Up button
8. Menu button
9. Play / Pause button
10. Rewind button
11. Tuning Down button
12. Sleep button
13. Display dimmer button
14. Snooze button
15. Alarm button
16. Equalizer (EQ) button
17. Info button
18. Fast-forward button
19. Preset button
20. Select button
21. Volume Up / Down buttons

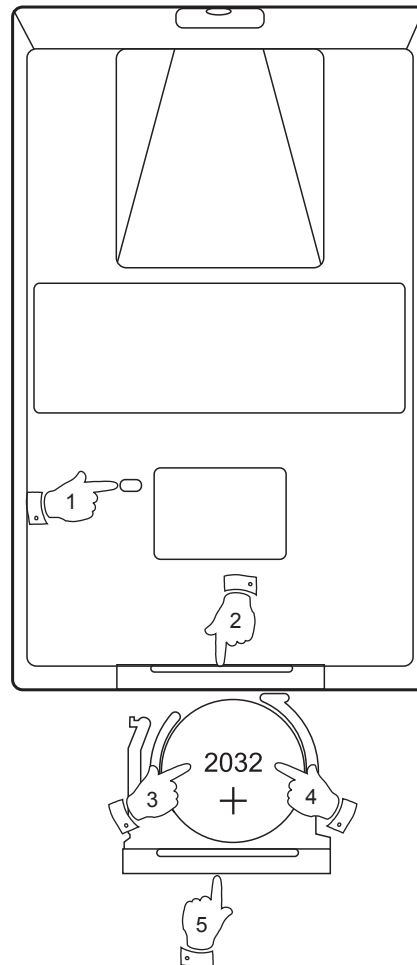


Remote handset battery replacement

1. With the aid of the end of a paper clip slide the catch to the right hand side.
2. Remove the battery holder by pushing the holder in the direction shown.
3. Remove the battery from holder.
4. Replace the battery (CR2032 or equivalent) ensuring that the positive side of the battery faces you with the holder positioned as shown.
5. Replace the battery holder.

If the remote is not to be used for an extended period of time it is recommended that the battery is removed.

IMPORTANT: The battery 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.



Navigation controls

This page describes the basic means of controlling your Fusion radio. Detailed instructions for each operating mode are given in the later sections of this book.

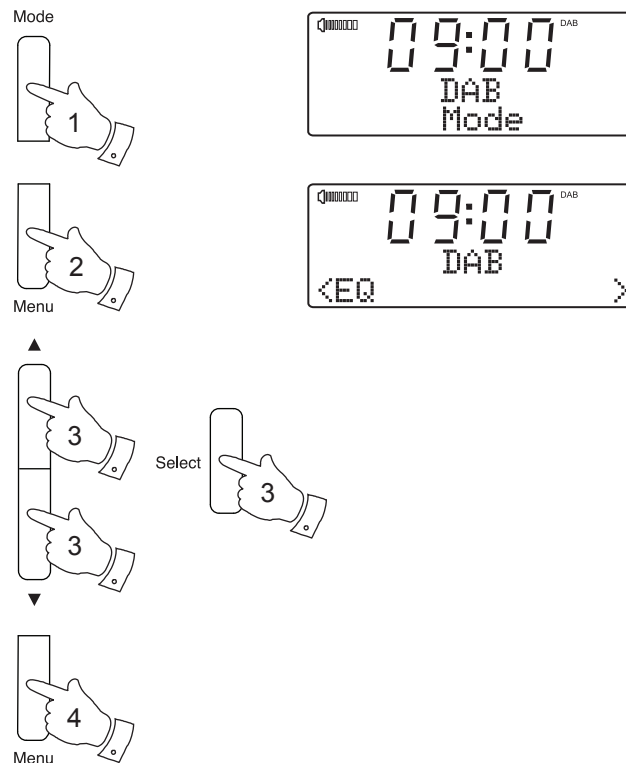
1. The **Mode** button on the radio will access the DAB, FM, iPod and Auxiliary input modes.
2. Press and release the **Menu** button to access the menu system when using the DAB, FM or Auxiliary input modes.

When using the iPod mode, **press and hold** the **Menu** button to access the menu system.

3. Many operations require the user to make a selection from the menu. This is done using the **Tuning Up** or **Down** buttons. When the desired menu item shows on the display press the **Select** button to select that item.
4. To exit the menu system press and release the **Menu** button as needed.

Note: For the sake of clarity, the instructions for the use of the controls throughout this instruction manual show the buttons on the radio. The buttons on the remote control can be used if you prefer.

Some iPod control functions are only available when using the remote control.

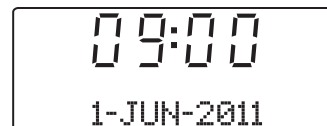
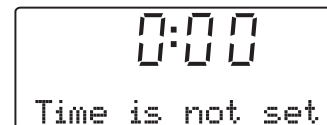
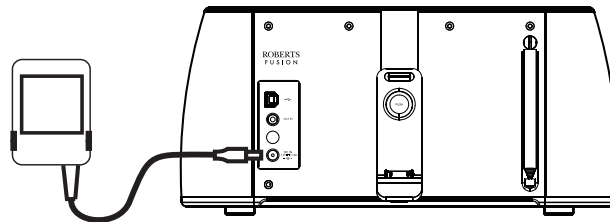


Using the radio for the first time

1. Place your radio on a flat surface.
2. Fully extend the telescopic aerial. The aerial should be fully extended and positioned vertically for optimum reception.
3. Insert the adaptor plug into the DC socket located on the rear of your radio. Plug the adaptor into a standard 13 amp mains socket outlet. The display will show 'Welcome to Digital Radio' for a few seconds. After a short time the current time and date will appear on the display. During this time the radio is scanning to find a DAB radio signal.
4. If no signals are found, 'Time is not set' will 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 as described on page 13.

IMPORTANT: The mains adaptor is used as the means of connecting the radio to the mains supply. The mains socket used for the radio must remain accessible during normal use. In order to disconnect the radio from the mains completely, the mains adaptor should be removed from the mains socket outlet completely.

Characters appearing on the LCD display or the power light being illuminated indicates that the radio is connected to and powered from the mains supply.



Operating your radio

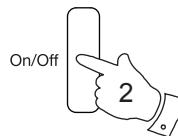
1. Fully extend the telescopic aerial. The aerial should be fully extended and positioned vertically for optimum reception.

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 that it is used.

3. If this is the first time that the radio has been used a quick scan of the Band III DAB channels may be carried out. (The scan is normally performed automatically when the clock is first set page 8). If the radio has been used before, the last used station will be selected. If new radio stations are found, they will be added to the stored list of stations.
4. When the scan is completed the first station (in numeric-alpha order 0....9, A....Z) will be selected. 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 stations as described on page 13.

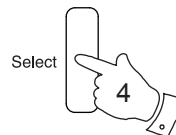
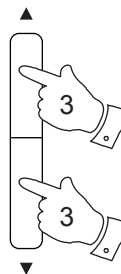
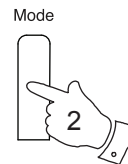
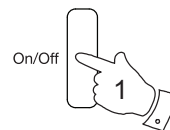
Note: When first switched on, the radio will set the volume to a moderately high level, in case the broadcast is very quiet. After you have set the volume using the **Volume Up** or **Down** buttons, the radio will remember the setting that you have applied for the next time that it is used.



Selecting a station - DAB

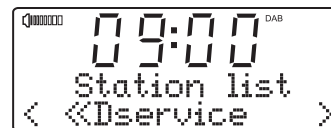
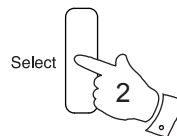
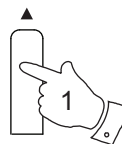
1. Press the **On / Standby** button to switch on your radio.
2. Press and release the **Mode** button to select DAB mode if required. The display will show the name of the radio station currently selected.
3. Press the **Tuning Up** or **Down** buttons to step through the list of available stations.
4. When the desired station name appears on the display, press and release the **Select** button to select the station. The display will show 'Connecting...' while your radio finds the new station.
5. Adjust the **Volume** to the required setting.

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



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 press the **Tuning Up** button.
2. To tune to the secondary service, press and release the **Select** button. 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.



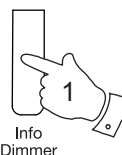
Display options - DAB

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

1. Press and release the **Info** button to cycle through the various options.

a. Scrolling text

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



Info
Dimmer

b. Signal strength

Displays a graph showing the signal strength for the currently tuned DAB station. The clear unfilled rectangle indicates minimum signal level required for satisfactory reception.

c. Programme type

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



Display options - DAB cont.

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



e. Date Displays the current date.



f. Frequency & channel Displays frequency and channel number for the currently tuned DAB station.



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



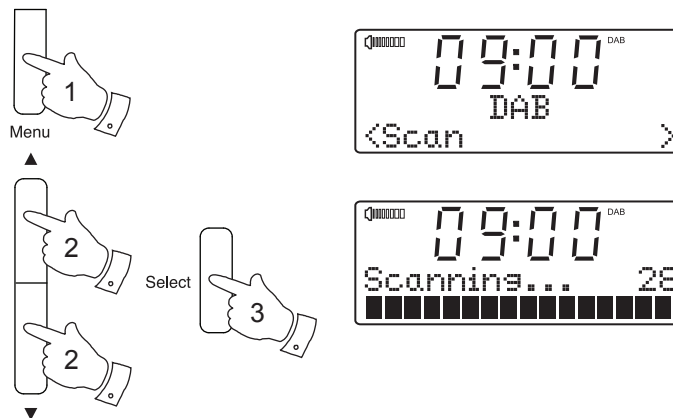
h. Signal error Displays the bit error rate for the currently tuned DAB station.



Finding new stations - DAB

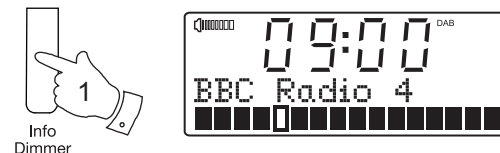
As time passes new stations may become available. To find new stations proceed as follows.

1. Press and release the **Menu** button.
2. Press the **Tuning Up** or **Down** buttons until the display shows 'Scan'.
3. Press and release the **Select** 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.



Signal strength display - DAB

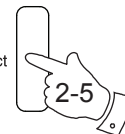
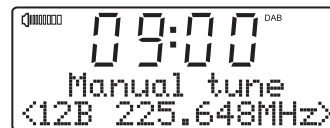
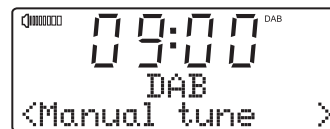
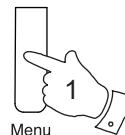
1. Repeatedly press and release the **Info** button until the lower line of the display shows signal strength.
2. Position your radio and try adjusting the aerial as to give maximum number of black rectangles on the signal strength display. Normally, the best reception will be found with the aerial fully extended.
3. The clear unfilled rectangle indicates minimum signal level required for satisfactory reception.



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. Note that UK DAB stations are located in the range of channels 11B to 12D.

1. Press and release the **Menu** button.
2. Press the **Tuning Up** or **Down** buttons until the display shows '*Manual tune*'. Press and release the **Select** button to enter the manual tuning mode.
3. Press the **Tuning Up** or **Down** buttons to select the desired DAB channel.
4. Press and release the **Select** button to tune to the chosen frequency. The open block is the signal strength needed for good DAB reception. The signal blocks will go up and down showing the changing signal strength as you adjust the aerial or the radio position. Any new radio stations found on the tuned DAB multiplex will be added to the list stored in the radio.
5. Press and release the **Select** button again to return to the normal DAB tuning mode.



Select



Dynamic Range Control (DRC) - DAB

Dynamic range control (also known as DRC) 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)

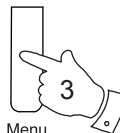
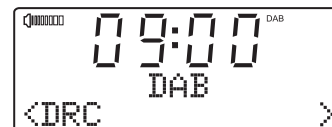
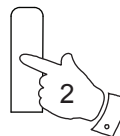
DRC 1 Maximum compression applied.

DRC 1/2 Medium compression applied.

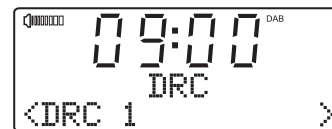
1. Press the **On / Standby** button to switch on your radio.
2. Press and release the **Mode** button until the DAB band is selected.
3. Press and release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until 'DRC' appears on the display. Then press and release the **Select** button. The display will show the current DRC value and it will be marked with an asterisk.
5. Press the **Tuning Up** or **Down** buttons to select the required DRC setting (default is 0).
6. Press and release the **Select** button to confirm the setting. The display will return to the previous 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.

Mode



Menu



Select

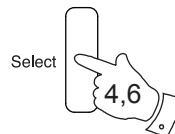
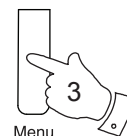
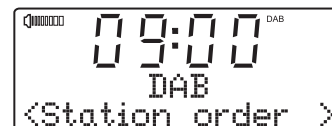
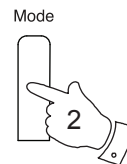


Station order setup - DAB

Your radio has 2 station order settings from which you can choose. The station order settings are, alphanumeric and ensemble.

Note: The default station order on your radio is alphanumeric.

1. Press the **On / Standby** button to switch on your radio.
2. Press and release the **Mode** button until the DAB mode is selected.
3. Press and release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until 'Station order' shows on the display. Press and release the **Select** button to enter the station order adjustment mode.
5. Press the **Tuning Up** or **Down** buttons to choose between 'Alphanumeric' and 'Ensemble'.
'Alphanumeric' - sorts the station list alpha-numerically 0...9 A...Z.
'Ensemble' - organises the station list by DAB multiplex.
6. Press and release the **Select** button to select the required station order.



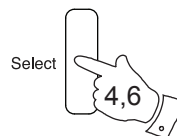
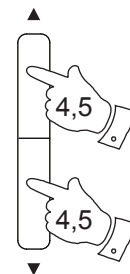
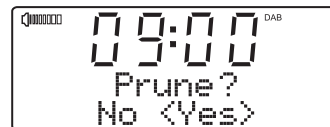
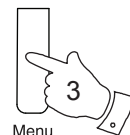
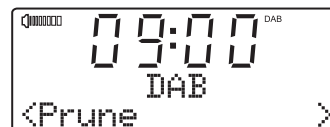
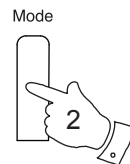
Prune stations - DAB

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

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

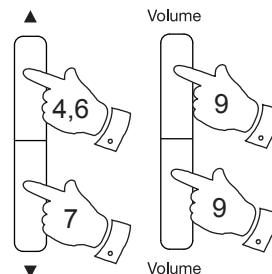
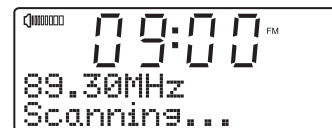
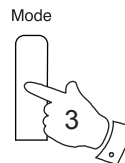
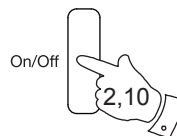
1. Press the **On / Standby** button to switch on your radio.
 2. Press and release the **Mode** button until the DAB band is selected.
 3. Press and release the **Menu** button.
 4. Press the **Tuning Up** or **Down** buttons until 'Prune' shows on the display. Press and release the **Select** button.
 5. To cause the stations list to be pruned, eliminating unavailable stations, press the **Tuning Up** or **Down** buttons until 'Yes' is highlighted on the display.
 6. Press and release the **Select** button to cause the invalid station names to be removed from the list.
- If you do not wish to prune stations, highlight 'No' and then press the Select button. The display will revert to the previous menu.

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 13).



Operating your radio - FM auto-tune

1. Fully extend the telescopic aerial. The aerial should be fully extended and positioned vertically for optimum reception.
2. Press the **On / Standby** button to switch on your radio.
3. Press and release the **Mode** button until the FM band is selected.
4. Press and hold down the **Tuning Up** button for 2 - 3 seconds 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 will display the station name.
6. To find other stations press and hold the **Tuning Up** button as before.
7. Press and hold down the **Tuning Down** button for 2 - 3 seconds 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.
10. To switch off your radio press the **On / Standby** button.



Note:

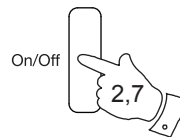
If you find that FM reception is poor, try repositioning the telescopic aerial. Fully extend and position vertically for optimum reception. If you find that an FM broadcast has a lot of background hiss, this may often be reduced by setting the radio into Mono reception mode for the current FM station. Please refer to the section 'Stereo / Mono setting - FM' on page 21 for further details.

Manual tuning - FM

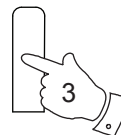
1. Fully extend the telescopic aerial. The aerial should be fully extended and positioned vertically for optimum reception.
2. Press the **On / Standby** button to switch on your radio.
3. Press and release the **Mode** button until the FM band is selected.
4. Repeatedly press and release the **Tuning Up** or **Down** buttons to tune to a station. The frequency will change in steps of 50kHz.
If the radio is tuned to a station of sufficient signal strength with RDS information present, then the display may change to show the station name.
5. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.
6. Adjust the **Volume** to the required setting.
7. To switch off your radio press the **On / Standby** button.

Note:

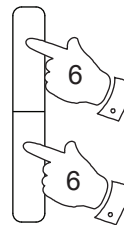
If you find that FM reception is poor, try repositioning the telescopic aerial. Fully extend and position vertically for optimum reception. If you find that an FM broadcast has a lot of background hiss, this may often be reduced by setting the radio into Mono reception mode for the current FM station. Please refer to the section 'Stereo / Mono setting - FM' on page 21 for further details.



Mode



Volume



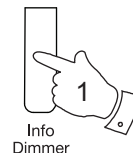
Volume



Display options - FM

Your radio has a range of display options for 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 **Info** button to cycle through the various modes.

- | | |
|-------------------|---|
| a. Scrolling text | Displays scrolling text messages such as artist/track name, phone in number, etc. |
| b. Programme type | Displays type of station being listened to e.g. Pop, Classic, News, etc. |
| c. Frequency | Displays the frequency of the station being listened to. |
| d. Date | Displays the current date. |



Note: Your radio will display 'No Radio Text' if there is no scrolling text and 'No PTY' if there is no programme type information.

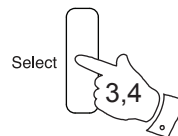
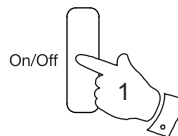
Stereo / Mono setting - FM

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

1. Press the **On / Standby** button to switch on your radio.
2. Tune to the required FM radio station as previously described (see pages 18, 19).
3. Press and release the **Select** button so that the display shows 'Mono'. The radio will play the current station in mono.

The Mono override is a temporary setting and is applied to the currently tuned station only. It is cancelled automatically by tuning to another station.

4. If you wish to cancel the Mono override while listening to the currently tuned radio station, press and release the **Select** button so that the display shows 'Stereo'. The radio will play the current station in stereo if the signal is sufficiently strong.



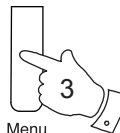
Scan sensitivity setting - FM

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

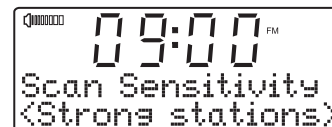
1. Press the **On / Standby** button to switch on your radio.
2. If needed, press and release the **Mode** button until the FM band is selected.
3. Press and release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until 'Scan sensitivity' shows on the display. Press and release the **Select** button to enter the scan sensitivity adjustment mode.
5. Press the **Tuning Up** or **Down** buttons to switch between Local ('Strong stations only') and Distant ('All stations') options on the lower line of the display. The Distant option will allow the radio to find weaker signals when scanning.
6. Press and release the **Select** button to confirm your selection. 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



Menu



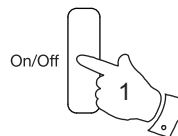
Select

Presetting stations

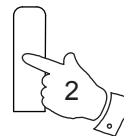
You may store your preferred DAB and FM radio stations to the preset station memories. There are 20 memory presets in your radio, 10 for DAB and 10 for FM. Presets are remembered by your radio in the event of a power failure.

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

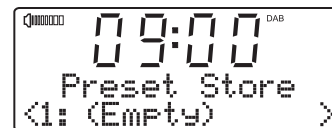
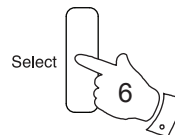
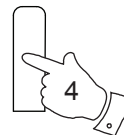
1. Press the **On / Standby** button to switch on the radio.
2. Press and release the **Mode** button to select the desired waveband DAB or FM.
3. Tune to the required station as previously described.
4. Press and hold the **Preset** button. The display will show, for example, '1: (Empty)' if no station has been stored to that preset.
5. Use the **Tuning Up** or **Down** buttons to select the desired preset station number under which you wish to store the station.
6. Press and release the **Select** button until the display shows, for example, 'Preset 1 saved'. 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.



Mode

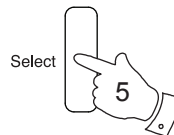
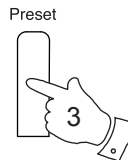
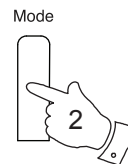


Preset



Recalling a preset station

1. Press the **On / Standby** button to switch on the radio.
2. Press the **Mode** button to select the desired waveband DAB or FM.
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. Press the **Tuning Up** or **Down** buttons to select the desired preset station.
5. Press and release the **Select** button. Your radio will tune to the chosen preset station stored in the preset memory.



iPod® and iPhone® docking

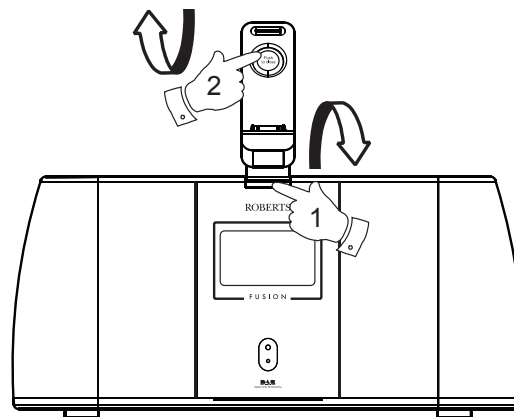
Your radio has an iPod dock facility which allows you to play audio and video files held on your iPod touch or iPhone using the radio's loudspeakers.

Additionally if your iPod touch or iPhone is connected to the internet, you may also play from a range of internet radio stations and other similar sources using suitable applications installed on your iPod or iPhone.

Your radio uses the iPod docking connector developed for use with most iPods. Adaptors are provided with your radio to fit iPhone (3rd and 4th generation) and iPod touch (all generations, 1-4).

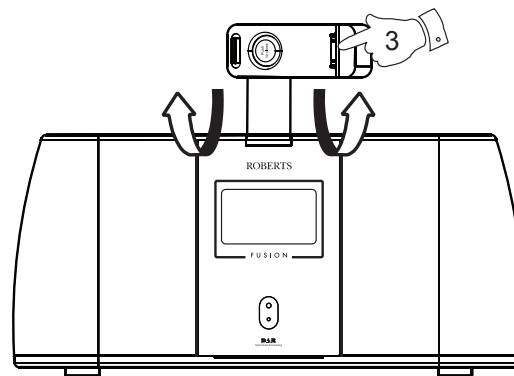
Important: To avoid possible damage to your radio, or to your iPhone or iPod, do not use the product without the correct adapter fitted.

Throughout this section of this book, iPod means iPod touch or iPhone.



Operating your iPod and iPhone dock

1. To raise the iPod dock arm push down the **iPod access** button on the front of the radio as illustrated. The iPod dock arm will slowly raise and click into place.
2. To close the iPod dock arm press the **iPod lock release** button on the iPod dock as illustrated. The iPod dock arm can then be pushed gently back into the closed position. Always remove your iPod before storing the arm behind the radio. When in the closed position the iPod dock arm sits neatly behind the radio.
3. The iPod dock arm may be rotated to a horizontal position to allow the iPod to be used in coverflow mode or to view video content. Gently rotate the iPod dock arm until it clicks into position. (Docking adaptor must be used to secure the iPod).



Docking adaptors

Adaptors are provided with your radio to fit iPhone (3rd and 4th generation) and iPod touch. There are also cushions (A and B) provided for adaptor style 2 if you have an iPod touch so that your iPod touch fits securely.

Adaptor usage

iPhone 4 - Adaptor style 1 (no cushions)

iPhone 3/3GS - Adaptor style 2 (no cushions)

4th generation iPod touch - Adaptor style 2 (with cushions A)

3rd generation iPod touch - Adaptor style 2 (with cushions B)

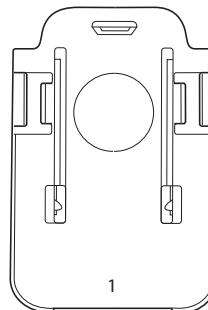
2nd generation iPod touch - Adaptor style 2 (with cushions B)

1st generation iPod touch - Adaptor style 2 (with cushions B)

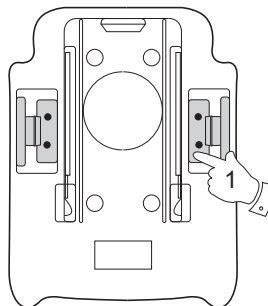
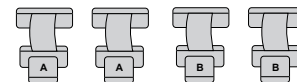
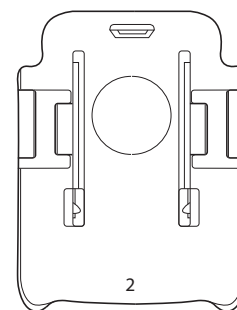
To fit cushions to the adaptor style 2 if required

1. Slot the back of the rubber cushions (marked with letter A or B as required) into the holes at the back of the adaptor.
2. Attach the front of the rubber cushions to the front of the adaptor.

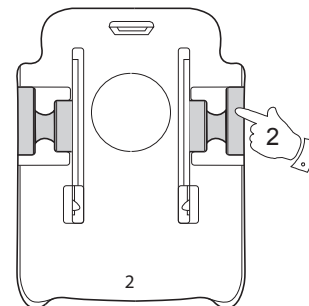
Adaptor style 1



Adaptor style 2



Adaptor style 2
Back view

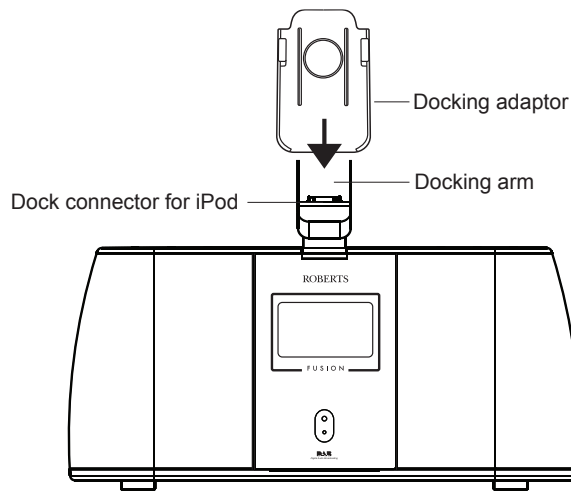


Adaptor style 2
Front view

Docking your iPod

1. Ensure that the radio is in standby.
2. Slide the iPod docking adapter (see illustration) onto the iPod docking arm so that it is securely seated.
3. Carefully place your iPod onto the docking connector, taking care that the plug goes into your iPod and not behind it.
4. Press the **On / Standby** button to switch on your radio.
5. To select the iPod mode press the **Mode** button until 'iPod' shows on the display. If it was previously playing, your iPod will switch on and continue playing from where it was previously stopped.

Note: Your radio is able to recharge your iPod's internal battery. When docked your iPod will use its backlight settings as configured. If these need changing, use the Settings menu on your iPod.



Navigating your iPod

These steps can be used only when your iPod touch or iPhone is in Music or iPod mode.

Please note: Some of the iPod control functions are only available using the remote control or via the iPod's own controls. Not all iPods support remote menu navigation.

1. Press and release the **Menu** button to navigate to higher level menus on your iPod.
2. Use the **Tuning Up** or **Down** buttons as required to move up or down a menu screen on your iPod.
3. Press the **Select** button to choose the highlighted on screen menu item. If this item is a lower level menu item, you may then navigate further using the **Tuning Up** or **Down** and **Select** buttons.

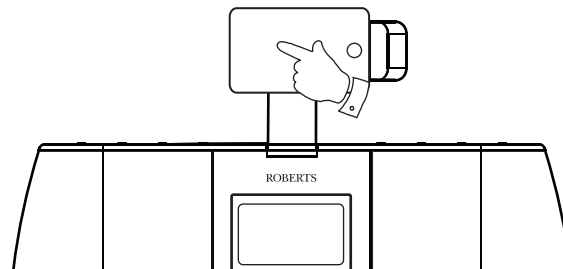
Playing a file on your iPod

1. When you have found the required item use the **Select** button on the radio to start the iPod playing.
2. Adjust the volume to the required setting using the **Volume Up** and **Down** buttons on your radio.
3. To pause playback press the **Play / Pause** button. To resume playback press the **Play / Pause** button again.
4. iPods do not have a Stop button (they use the Pause function). To play an alternative selection, use the iPod menus to make the selection using the **Play / Pause** button to stop playing the current item if needed.

Playing your iPod touch and iPhone in coverflow mode

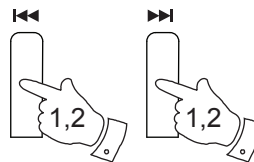
1. As described on page 25, you may rotate the docking adaptor by 90 degrees in order to use the coverflow mode on your iPod or to watch video content. In this mode, you cannot use the remote control to select your music or videos, but only for play / pause, previous / next and rewind / fast-forward functions. You must use the screen on your iPod for media selection.

If you press Menu on your radio or remote control your iPod may become non-responsive until the home button on the iPod is pressed. This is a characteristic of the iPod software and does not indicate a fault with your radio.



Search function

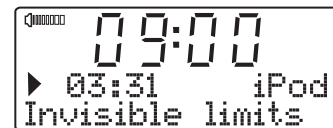
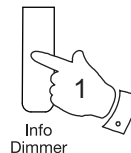
1. While the iPod is playing, press and hold the **Fast-forward** or **Rewind** buttons to move through the current file or track. Release the button when the desired point in the file or track is reached.
2. Press and release either the **Fast-forward** or **Rewind** buttons to start playing the next or previous file or track.



Display modes - iPod

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

1. Press and release the **Info** button to cycle through the various options. Your iPod will display the current track information, Artist, Album and the current date.



Some iPod media player applications may also display content description on the radio display.

Setting alarm times

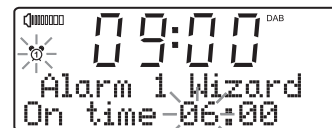
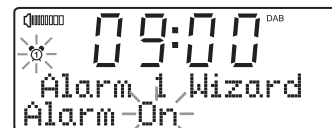
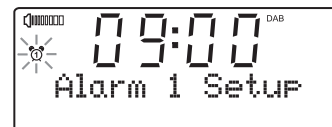
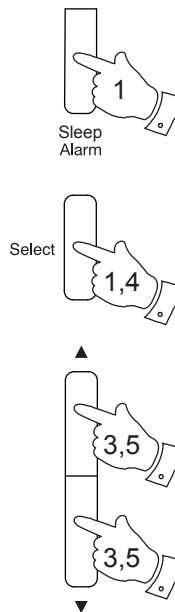
Your radio has two alarms which can be set to wake you to DAB, FM radio, iPod or buzzer alarm. Each alarm can be set to sound daily, once on weekdays or at weekends. The alarms may be set while the unit is in standby mode or while playing.

Note: If no buttons are pressed for 1 minute, your radio will exit the alarm setup. To exit the alarm setup at any time press and release the **Alarm** button or the **Menu** button.

1. To set alarm 1, press and hold the **Alarm** button. 'Alarm 1 Setup' will appear on the display and the alarm 1 indicator will flash. Press and release the **Select** button to enter alarm setup.

To set alarm 2, press and hold the **Alarm** button and then press and release the **Alarm** button. 'Alarm 2 Setup' will appear on the display and the alarm 2 indicator will flash. Press and release the **Select** button to enter alarm 2 setup.

2. 'Alarm Wizard' shows on the display and the alarm status flashes on the display.
3. Press the **Tuning Up** or **Down** buttons to select ON or OFF. If OFF is selected any current setting for that alarm will be cancelled.
4. With 'ON' selected, press and release the **Select** button to cause the alarm hour digits to flash on the display.
5. Press the **Tuning Up** or **Down** buttons to choose the desired alarm hour.



6. Press and release the **Select** button to enter the hour setting. The alarm minute digits will flash on the display.

7. Press the **Tuning Up** or **Down** buttons to choose the desired alarm minute.

8. Press and release the **Select** button to enter the minutes setting. The alarm duration will flash on the display.

If the radio has been set to use a 12 hour clock format, there will also be an option for setting AM or PM for the alarm time after setting the minute setting.

9. Press the **Tuning Up** or **Down** buttons to choose the alarm duration. Choose between 15, 30, 45, 60, or 90 minutes.

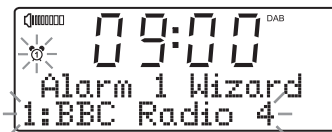
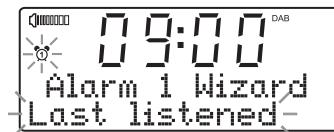
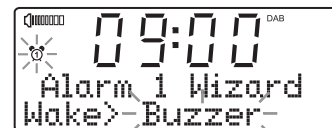
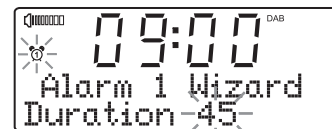
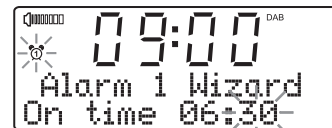
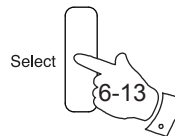
10. Press and release the **Select** button to enter the alarm duration. The alarm source option will flash on the display.

11. Repeatedly press the **Tuning Up** or **Down** buttons to choose the desired alarm source (DAB, FM, iPod, Buzzer). Press and release the **Select** button when the desired alarm source is highlighted on the display. For which ever radio mode is selected, the radio alarm may be set to any of the stations which have been stored as presets or to the station most recently listened to.

12. If setting the alarm to a radio option, press the **Tuning Up** or **Down** buttons to choose either last listened or from presets 1-10.

Note: that you can only set the alarm to use a preset which has already been stored.

13. Press and release the **Select** button to confirm the selection. The alarm day option will flash on the display.



14. Press the **Tuning Up** or **Down** buttons to choose the desired alarm day option:

Daily	- Will sound everyday
Once	- Will sound at one time only
Weekends	- Will sound only on weekends
Weekdays	- Will sound only on weekdays

- If setting the alarm to once only, continue with step 15 below. Otherwise skip to step 21 on the following page.

15. Press and release the **Select** button to enter the setting. The alarm day will flash on the display.

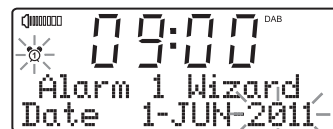
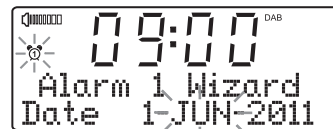
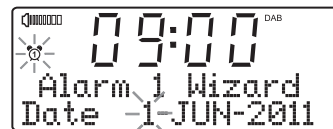
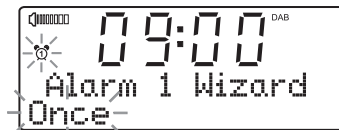
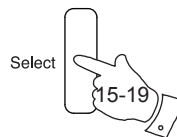
16. Press the **Tuning Up** or **Down** buttons to choose the alarm day.

17. Press and release the **Select** button to enter the alarm day setting. The alarm month will flash on the display.

18. Press the **Tuning Up** or **Down** buttons to choose the alarm month.

19. Press and release the **Select** button to enter the alarm month setting. The alarm year will flash on the display.

20. Press the **Tuning Up** or **Down** buttons to choose the alarm year.



21. Press and release the **Select** button. The alarm volume will appear on the display.

22. Press the **Tuning Up** or **Down** buttons to choose the alarm volume. The radio uses the saved volume setting for each alarm when it sounds.

23. Press and release the **Select** button to confirm the alarm settings. Your radio will show 'Alarm Saved' and will exit the alarm setting procedure.

Important: If using your iPod or iPhone as the source for the alarm, then be sure to dock your iPod or iPhone. If the iPod or iPhone is not detected a buzzer alarm will sound instead.

Radio, Buzzer and iPod alarms are indicated in the display by the alarm icon  symbol and the corresponding alarm number.

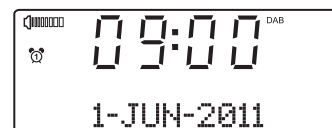
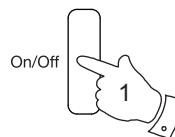
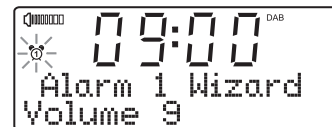
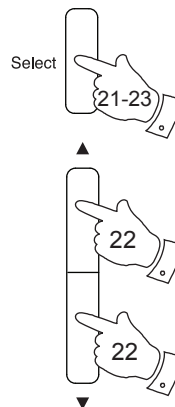
For DAB, FM or iPod alarm you may adjust the volume while the alarm is active. Without intervention the volume will gradually increase up to the level specified when setting the alarm.

When the alarm sounds

The alarm will sound at the selected times for up to 90 minutes unless cancelled. The volume and alarm duration used for the alarm will be as specified during the alarm setting procedure. If the radio cannot connect to the specified radio station or iPod track the buzzer alarm will be used instead.

To cancel an alarm, press the **On / Standby** button to return to standby mode.

The alarm icon will flash on the screen and the radio will automatically switch back to standby mode when the selected alarm time has elapsed.



To view the alarm settings

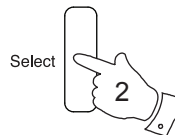
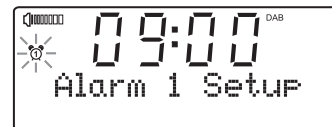
The alarm function of your radio can be controlled with the radio playing or in standby mode.

1. To view alarm 1, press and hold the **Alarm** button. 'Alarm 1 setup' will appear on the display and the alarm 1 indicator will flash.

To view alarm 2, press and hold the **Alarm** button and then press and release the **Alarm** button. 'Alarm 2 setup' will appear on the display and the alarm 2 indicator will flash.

2. Press the **Select** button to cycle through each of the settings for the chosen alarm.

You may use the Tuning Up and Down buttons to modify any particular setting if desired, using the Select button to enter the modification.

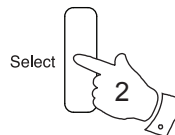
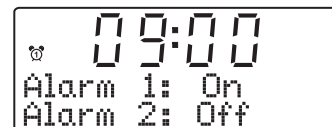


Controlling the alarm On/Off state in standby

When your radio is in standby the alarm status can be controlled using the Alarm button. This avoids risk of disturbance to someone who is asleep.

1. To change the status of the alarms when in standby press and release the **Alarm** button. The display will cycle through none, either and both alarms enabled.

2. Press the **Select** button to confirm alarm status. 'Alarm Saved' will show on the display.

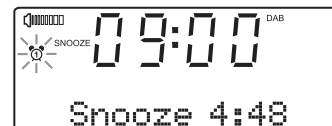
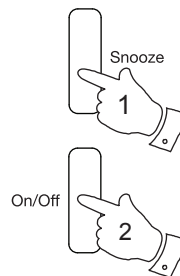


Snooze function

- When the radio, iPod or buzzer alarm sounds, pressing the **Snooze** button 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 5 minutes.

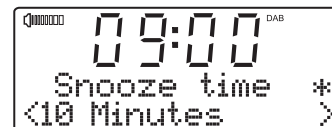
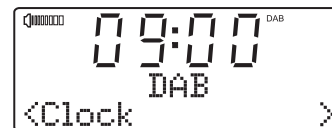
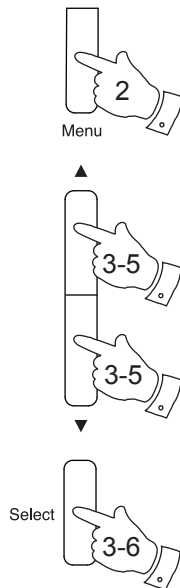
When the Snooze button has been pressed during an alarm, the Snooze symbol **SNOOZE** will flash. This sequence can be repeated during the alarm period and the remaining snooze time will be displayed.

- To cancel the Snooze function, press the **On / Standby** button.



To set the snooze time

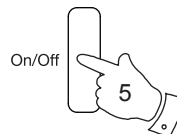
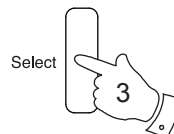
- Press the **On / Standby** button to switch on the radio.
- To set the snooze to the desired snooze time, press the **Menu** button.
- Press the **Tuning Up** or **Down** buttons until 'Clock' appears on the display. Then press and release the **Select** button.
- Press the **Tuning Up** or **Down** buttons until 'Snooze time' appears on the display. Press and release the **Select** button.
- Press the **Tuning Up** or **Down** buttons to choose the desired snooze setting from between 5, 10, 15 and 20 minutes.
- Press and release the **Select** button to enter the desired snooze duration. The selected snooze time will be marked with an asterisk. The radio will exit the menu options and return to the normal radio display.



Sleep function

Your radio can be set to turn off after a preset time has elapsed. The sleep setting can be adjusted between 5 and 90 minutes in 5 minute increments. Ensure your radio is switched On.

1. When using your radio, press and release the **Sleep** button. 'Set sleep time' appears on the display.
2. Repeatedly press and release the **Sleep** button to select desired sleep time. The sleep setting will increase in 5 minute increments from 5 minutes up to 90 minutes. A further press will cause the sleep timer to be set to 'Off' which will cancel the sleep function.
Alternatively you may use the **Tuning Up** or **Down** buttons to select the desired sleep time.
3. Press and release the **Select** button. The display will exit the sleep options. The sleep symbol  will show on the display.
4. Your radio will switch off after the preset sleep time has elapsed.
5. To cancel the sleep timer and switch off your radio before the chosen sleep time has elapsed, press the **On / Standby** button.
To cancel the sleep timer without switching off your radio, repeatedly press the **Sleep** button until 'Sleep off' is displayed.
6. When the sleep time has been set you may view the remaining sleep time. Press the **Sleep** button. The remaining sleep time will show on the display.

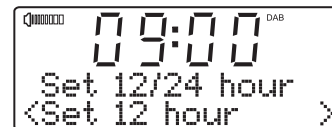
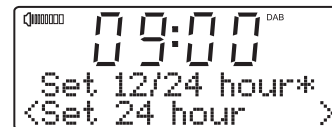
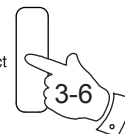
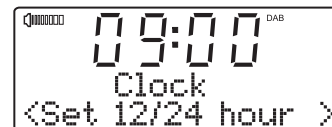
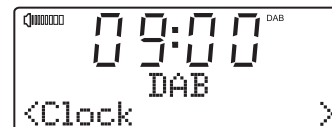
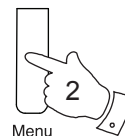


Setting the clock format

The clock display used in standby mode and on the playing mode screens can be set to 12 or 24 hour format. The selected format is then also used when setting the alarms.

1. Press the **On / Standby** button to switch on the radio.
2. To set the clock format, press the **Menu** button to enter the setup menu.
3. Press the **Tuning Up** or **Down** buttons until 'Clock' appears on the display. Press and release the **Select** button.
4. Press the **Tuning Up** or **Down** buttons until 'Set 12/24 hour' appears on the display. Press and release the **Select** button.
5. Press the **Tuning Up** or **Down** buttons to display either 'Set 12 hour' or 'Set 24 hour' format.
6. Press the **Select** button to confirm setting. The display will return to the previous display.

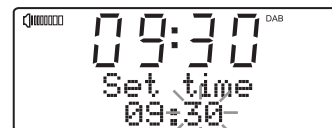
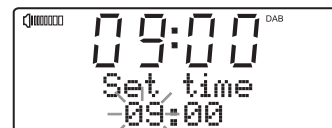
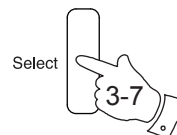
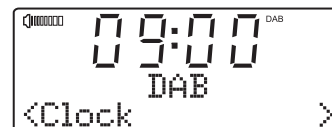
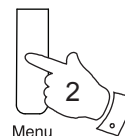
If the 12 hour clock format is chosen, the radio will then use the 12 hour clock for the setting of alarms, and will display a 12 hour clock with an AM or PM indicator on the display.



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 the **On / Standby** button to switch on the radio.
2. To set the clock time, press the **Menu** button to enter the setup menu.
3. Press the **Tuning Up** or **Down** buttons until 'Clock' appears on the display. Press and release the **Select** button.
4. Press the **Tuning Up** or **Down** buttons until 'Set Time/Date' appears on the display.
5. Press and release the **Select** button. The hour digits will then flash on the display.
6. Press the **Tuning Up** or **Down** buttons to set the desired hour.
7. Press and release the **Select** button to enter the hour setting. The minute digits will then flash on the display.
8. Press the **Tuning Up** or **Down** buttons to set the desired minute.



9. Press the **Select** button to enter the minutes setting.

If the radio has been set to use a 12 hour clock format there will also be an option here for setting AM or PM for the clock time. Use the **Tuning Up** or **Down** and **Select** buttons to select AM or PM.

10. The day in the month will then flash on the display. Press the **Tuning Up** or **Down** buttons to change the day as needed.

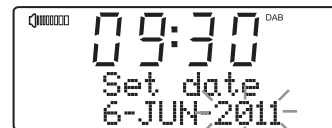
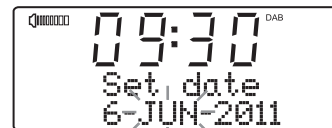
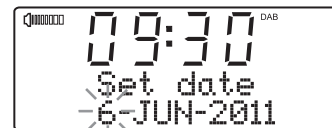
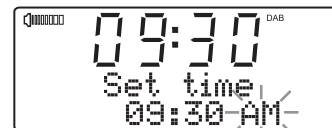
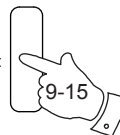
11. Press the **Select** button to enter the day setting. The month will then flash on the display.

12. Press the **Tuning Up** or **Down** buttons to select the current month.

13. Press the **Select** button to enter the month setting. The year will then flash on the display.

14. Press the **Tuning Up** or **Down** buttons to select the current year.

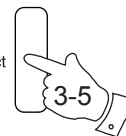
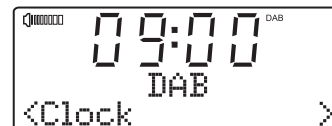
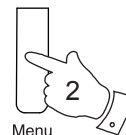
15. Press the **Select** button to confirm the time setting and 'Time Saved' will show on the display.



Automatically updating the clock

1. Press the **On / Standby** button to switch on the radio.
2. Press the **Menu** button to enter the setup menu.
3. Press the **Tuning Up** or **Down** buttons until 'Clock' appears on the display. Press and release the **Select** button.
4. Press the **Tuning Up** or **Down** buttons until 'Auto update' appears on the display. Press and release the **Select** button.
5. Press the **Tuning Up** or **Down** buttons to choose an update option from 'Update from Any', 'Update from DAB', 'Update from FM' or 'No update' as requested. Press and release the **Select** button to confirm your choice.
6. The radio will immediately set its time according to the information received. The radio will return to the previous menu display.

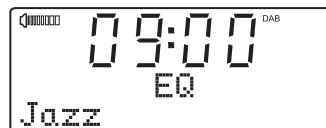
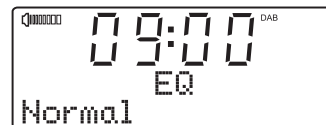
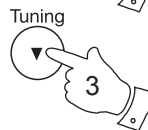
If no signal is found, "Time is not set" will be displayed. You should then either position the radio or its aerial so that a signal can be received, or revert to manual clock mode (see page 37).



Equalizer function using the remote control

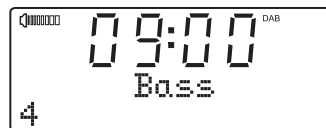
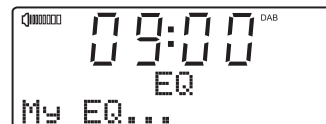
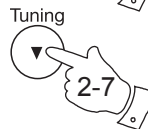
The sound on your radio can be adjusted to suit your personal taste for the material that you are listening to. The radio has a range of equalizer options. Alternatively, you may set the treble and bass levels to your own preferences which can be accessed from the *My EQ* menu item.

1. Press the **On / Standby** button to switch on the radio.
2. Press the **Equalizer** button, to enter the equalizer menu.
3. Press the **Tuning Up** or **Down** buttons to cycle through and highlight the desired options. Press and release the **Select** button to confirm your selection.
 - a. My EQ
 - b. Normal - no tone modification is applied
 - c. Classic
 - d. Jazz
 - e. Pop
 - f. Rock
 - g. News
4. To exit the Equalizer function at any time, press the **Menu** button as needed.



Setting up your My EQ profile using remote control

1. Follow steps 1 - 2 on the preceding page in order to enter the equalizer menu.
2. Press the **Tuning Up** or **Down** buttons until 'My EQ' shows on the display. Press and release the **Select** button.
3. Press the **Tuning Up** or **Down** buttons to highlight either 'Bass' or 'Treble'. Press and release the **Select** button to enter the adjustment mode.
4. To adjust the setting press and release the **Tuning Up** or **Down** buttons until the desired level is displayed.
5. Press and release the **Select** button to confirm your settings.
6. To exit the Equalizer function at any time, press the **Menu** button as needed.

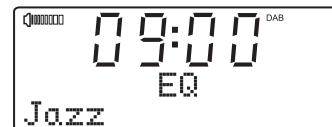
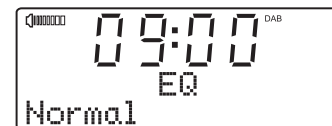
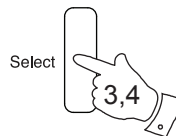
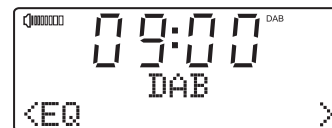
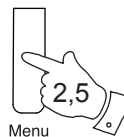


Using your My EQ profile

7. To use the 'My EQ' profile enter the equalizer menu and press the **Tuning Up** or **Down** buttons to select 'My EQ' on the display and then press and release the **Select** button.
- To quickly cancel the effect of the treble or bass settings press the **Tuning Up** or **Down** buttons until 'Normal' appears on the display and then press and release the **Select** button. The treble and bass settings will be remembered for the next time that you wish to adjust them.

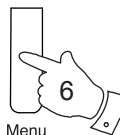
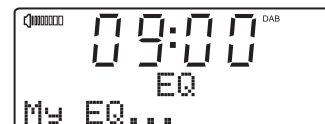
Equalizer function using the radio

1. Press the **On / Standby** button to switch on the radio.
2. Press the **Menu** button the display will show 'EQ'.
3. Press and release the **Select** button to enter the equalizer adjustment option.
4. Press the **Tuning Up** or **Down** buttons to cycle through and highlight the desired option. Press and release the **Select** button to confirm your selection.
 - a. My EQ
 - b. Normal - no tone modification is applied
 - c. Classic
 - d. Jazz
 - e. Pop
 - f. Rock
 - g. News
5. To exit the Equalizer function at any time press the **Menu** button as needed.



Setting up your My EQ profile using the radio

1. Follow steps 1 - 3 on the preceding page in order to enter the equalizer menu.
2. Press the **Tuning Up** or **Down** buttons until 'My EQ' shows on the display. Press and release the **Select** button.
3. Press the **Tuning Up** or **Down** buttons to highlight either 'Bass' or 'Treble'. Press and release the **Select** button to enter the adjustment mode.
4. To adjust the setting press and release the **Tuning Up** or **Down** buttons until the desired level is displayed.
5. Press and release the **Select** button to confirm your settings.
6. To exit the Equalizer function at any time, press the **Menu** button as needed.



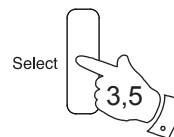
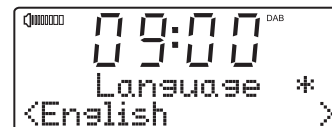
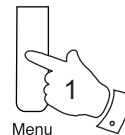
Using your My EQ profile

7. To use the 'My EQ' profile enter the equalizer menu and press the **Tuning Up** or **Down** buttons to select 'My EQ' on the display and then press and release the **Select** button.
- To quickly cancel the effect of the treble or bass settings press the **Tuning Up** or **Down** buttons until 'Normal' appears on the display and then press and release the **Select** button. The treble and bass settings will be remembered for the next time that you wish to adjust them.

Language function

Your radio can be configured to a different language.

1. Press the **Menu** button to enter the setup menu.
 2. Press the **Tuning Up** or **Down** buttons until 'Language' appears on the display.
 3. Press and release the **Select** button to enter the language adjustment menu.
 4. Press the **Tuning Up** or **Down** buttons until your desired language appears on the display.
 5. Press and release the **Select** button to confirm your choice and return to the previous display. The display will change to the chosen language.
- The currently selected language will be marked with an asterisk.



Mute function

Pressing the Mute button on the remote control will mute the output from the loudspeakers.

1. Press the **Mute** button to mute the sound output.
2. Press the **Mute** button again or one of the **Volume** buttons to un-mute the sound output.

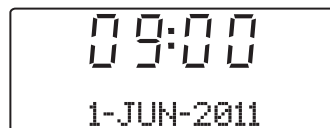
Pressing the **Play / Pause** button on the remote control or on the radio will mute the output from the loudspeakers and in iPod mode will also pause playback.

3. Press the **Play / Pause** button to mute the sound output (iPod will be paused if in iPod mode).
4. Press the **Play / Pause** button again to un-mute the sound output (iPod will resume playback if in iPod mode).



Clock display

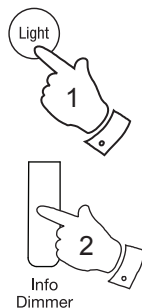
1. When your radio is in standby mode the time and date will be displayed. The time can be shown using a 24 or 12 hour clock.



Display backlight dimmer

The brightness of the display can be adjusted for when the radio is in Standby and or whilst playing. If you use the unit in the bedroom, you may prefer a lower standby brightness level than the standard setting. There are 3 brightness levels and an almost off 'night-time' setting.

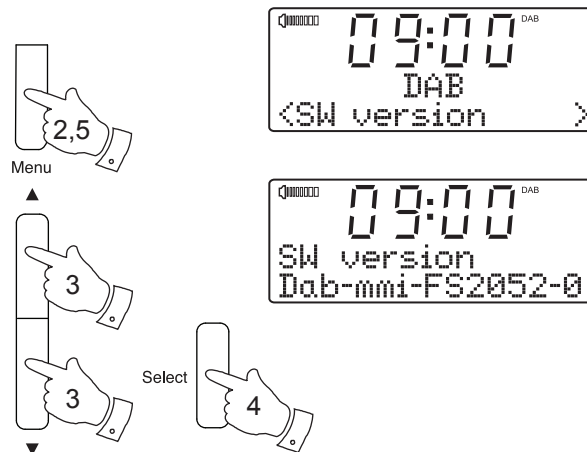
1. To change the dimmer brightness using the remote control press and release the **Dimmer** button to step through the brightness levels.
2. To change the dimmer brightness using the radio press and hold the **Dimmer** button to step through the brightness levels.



Software version

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

1. Press the **On / Standby** button to switch on the radio.
2. Press the **Menu** button to enter the setup menu.
3. Press the **Tuning Up** or **Down** buttons until 'SW version' appears on the display.
4. Press and release the **Select** button to view software information.
5. Press the **Menu** button to exit the menu.



System reset

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

1. Press the **On / Standby** button to switch on the radio.
2. Press the **Menu** button.
3. Press and release the **Tuning Up** or **Down** buttons until 'Factory Reset' appears on the display. Press and release the **Select** button.

4. Press and release the **Tuning Up** or **Down** buttons to highlight 'Yes'. Press and release the **Select** button to proceed.

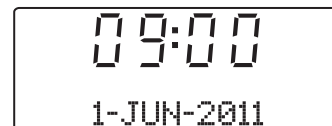
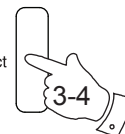
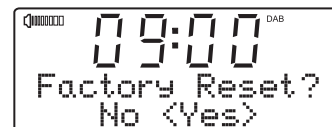
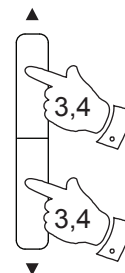
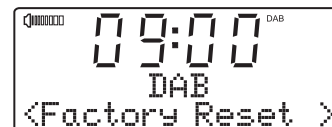
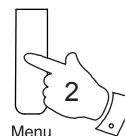
If you do not wish to carry out a system reset, highlight 'No' and then press the **Select** button. The display will revert to the previous display.

5. A full reset will be performed. The station list and presets will be erased. Alarms will be cancelled and snooze and sleep timer settings will be set to their default values. The display will show 'Welcome to Digital Radio'. After a short time the current date and time will appear on the display.

6. See 'Operating your radio' on page 9 for further details.

In case of malfunction due to electrostatic discharge, 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 may be required.

If a problem persists our technical staff would be pleased to offer any assistance on operating the radio. Our technical helpline number is 020 8758 0338.



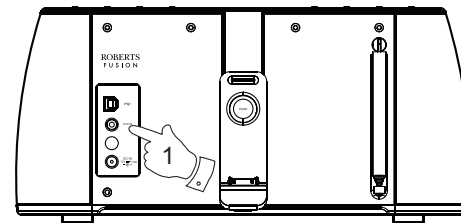
Auxiliary Input (Line in) socket

A 3.5mm stereo **Auxiliary Input socket** is provided on the rear of your radio to permit an audio signal to be fed into the unit from an external audio device such as iPod, MP3 or CD player.

1. Connect a stereo or mono audio source (for example, iPod, MP3 or CD player) to the **Auxiliary Input socket** (marked "Aux In").
2. Press and release the **Mode** button until 'Auxiliary input mode' is selected on the display.

Note: The Auxiliary input mode can only be selected when a plug is inserted into the socket.

3. Adjust the **Volume** control on your iPod, MP3 or CD player to ensure an adequate signal and then adjust the volume on the radio for comfortable listening.
4. Remove the cable from the Auxiliary input socket or press and release the mode button to cancel the auxiliary input mode.



Mode



USB socket for software upgrade

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.co.uk>

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 on the rear of the unit.



- Your radio should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on 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.

Specifications

Power Requirements

Mains AC 100  240V 50/60Hz (Adaptor)

Frequency Coverage

FM	87.5-108MHz
DAB	174.928 - 239.200MHz

Circuit Features

Loudspeaker	57mm
Output Power	2 x 2.5 Watts

Auxiliary Input socket	3.5mm dia
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Aerial System	FM	Telescopic aerial
	DAB	Telescopic aerial

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

iPhone and iPod are trademarks of Apple Inc., registered in the U.S. and other countries.

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

Guarantee

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

The guarantee does not cover:

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

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

Procedure:

Any claim under this guarantee should be made through the dealer from whom the instrument was purchased. It is likely that your Roberts' dealer will be able to attend to any defect quickly and efficiently but should it be necessary the dealer will return the instrument to the Company's service department for attention. In the event that it is not possible to return the instrument to the Roberts' dealer from whom it was purchased, please contact Roberts Radio Technical Services at the address shown below.

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

ROBERTS RADIO TECHNICAL SERVICES

97-99 Worton Road

Isleworth

Middlesex

TW7 6EG

Technical Helpline :- 020 8758 0338 (Mon-Fri during office hours)

Web site: <http://www.robertsradio.co.uk>

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