

# ROBERTS

## Enjoy Listening



# MessageЯ

## DAB / FM RDS Digital Clock Radio

The logo for Digital Audio Broadcasting (DAB), consisting of the letters 'DAB' in a bold, stylized font with horizontal lines through the letters.

Digital Audio Broadcasting

Please read this manual before use

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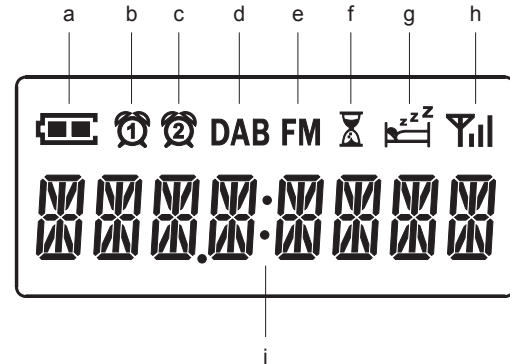
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## MessageR digital radio features

The Roberts MessageR digital radio provides the following range of features in an attractive compact unit:-

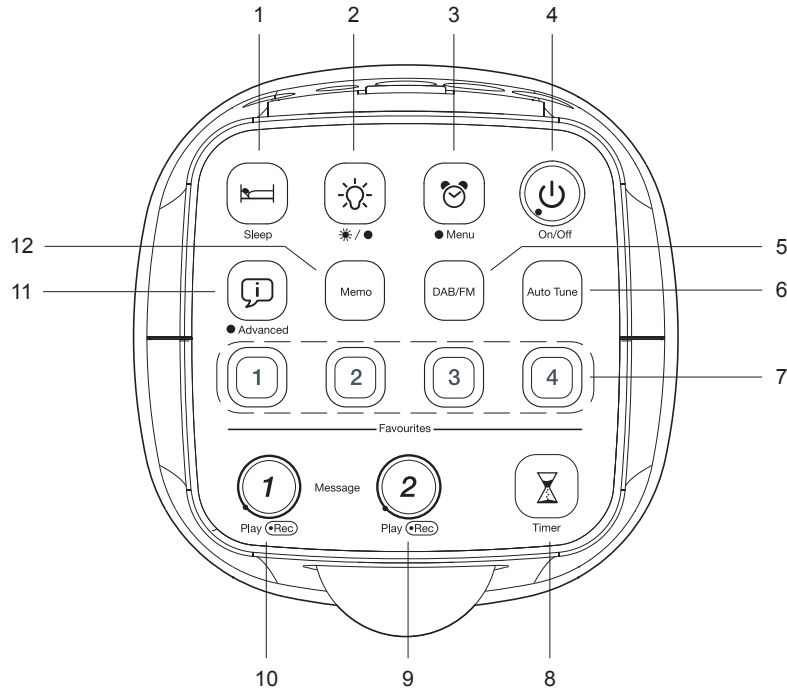
- Radio for DAB and FM (with RDS) broadcasts.
- 20 station presets (10 for DAB and 10 for FM).
- 8 favourite station memories (4 for DAB and 4 for FM).
- 2 voice message memories with up to 10 seconds record duration.
- Two alarm timers with snooze feature to wake you to either buzzer, radio alarm or voice message.
- Nap timer to set your radio to wake you after a predetermined interval (up to 2 hours).
- Adjustable sleep timer which can be set to turn the radio off after between 15 and 120 minutes.
- Clock display with time when in standby.
- A 3.5mm Auxiliary input socket for playing audio from MP3 players, iPod devices or other audio equipment.
- A standard 3.5mm headphone socket for private listening.

## Display icons



- a. Battery capacity indicator
- b. Alarm 1 indicator
- c. Alarm 2 indicator
- d. DAB indicator
- e. FM indicator
- f. Nap timer indicator
- g. Sleep / Snooze indicator
- h. Signal strength indicator
- i. Clock digits

## Controls (Top)



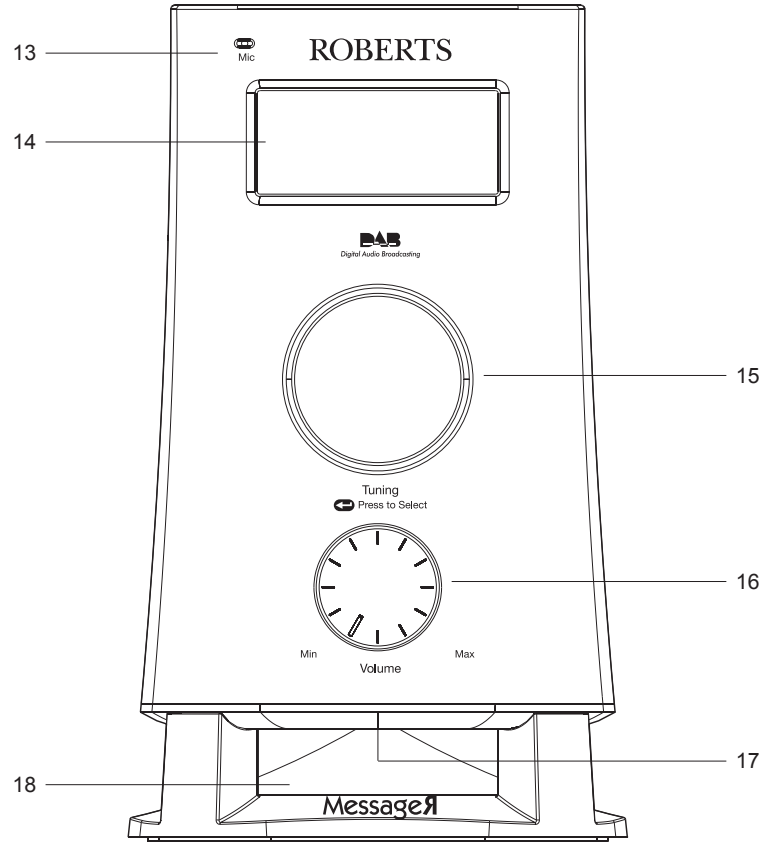
1. Sleep button
2. Backlight button
3. Alarm / Menu button
4. On / Off button

5. DAB / FM button
6. Auto Tune button
7. Favourite station buttons 1- 4
8. Nap timer button

9. Message 2 button with LED
10. Message 1 button with LED
11. Advanced / Info button
12. Memo button

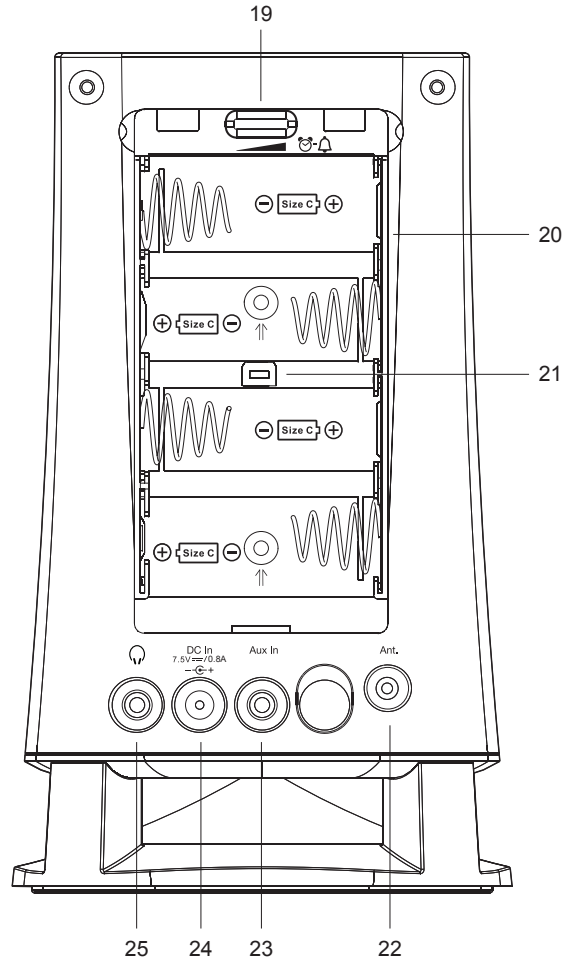
## Controls (front)

- 13. Microphone
- 14. LCD display
- 15. Tuning / Select control
- 16. Volume control
- 17. Loudspeaker
- 18. Moon light




## Controls (rear)

- 19. Buzzer volume control
- 20. Battery compartment
- 21. USB socket (for software upgrades)
- 22. Wire DAB / FM aerial socket
- 23. Auxiliary input socket
- 24. DC input socket
- 25. Headphone socket

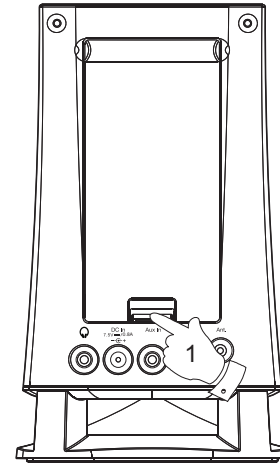


## Battery operation

1. Remove the battery cover on the back of the unit by pushing up the tab and lifting the cover out of its locating slots.
2. Insert four LR14 (C size) batteries into the spaces in the compartment. Take care to ensure all batteries are inserted with the correct polarity as shown inside the battery compartment. Replace the battery cover.
3. The low battery indicator  flashing, reduced power, distortion and a 'stuttering' sound are all signs that the batteries may need replacing.
4. If the radio is not to be used for any extended period of time it is recommended that the batteries are removed from the radio.

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

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



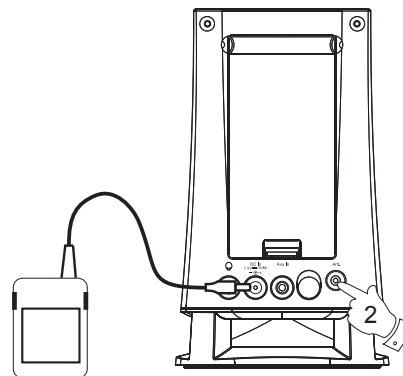
## Using the radio for the first time

1. Place your radio on a flat surface.
2. Plug the wire DAB / FM aerial into the aerial socket on the rear of the unit. Fully extend the wire aerial and place the aerial so that it is as straight as possible extending either above or below the radio.
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 'ROBERTS' for a few seconds and will then show 'NO CLOCK' and the unit will enter the standby mode. During this time the radio is scanning for a DAB radio signal. After a short time the current time will appear on the display.

**Note:** that during this time the display will not show any scanning message for this initial scan.

4. If no signal is found, 'NO CLOCK' 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 12.

**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.





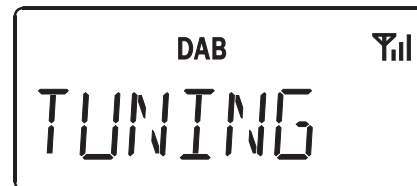
## Operating your digital radio

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

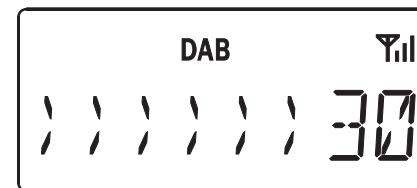
When first switched on, the radio will be in DAB mode. After each use the radio will remember the mode used and then switch on in that mode the next time that it is used.



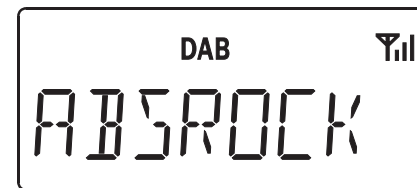
2. If the radio has been used before, the last used station will be selected.




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



4. When 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.

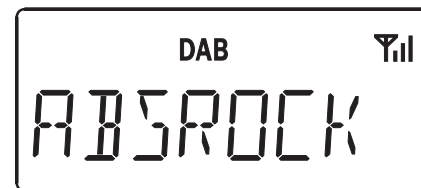
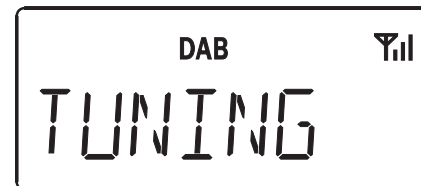
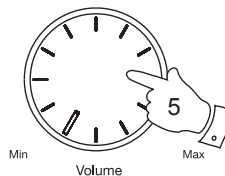
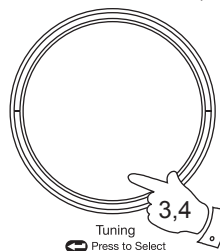
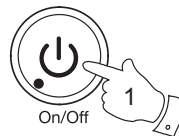


5. If no signals are found then 'OFF AIR' will be displayed and it may be necessary to relocate your radio to a position giving better reception. You should then carry out a scan to find stations as described on page 12.
- Your radio has an indicator  on the display to indicate the strength of the DAB radio signal being received.

## Selecting a station - DAB

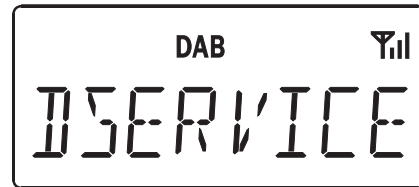
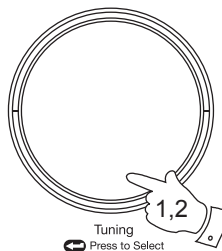
1. Press the **On / Off** button to switch on your radio.
2. Press and release the **DAB / FM** button until the DAB mode is selected. The display will show the name of the radio station currently selected.
3. Rotate the **Tuning / Select** control to step through the list of available stations.
4. When the desired station name appears on the display, press and release the **Tuning / Select** control to select the station. The display will show 'TUNING' while your radio finds the new station.
5. Adjust the **Volume** control to the required setting.

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



## Secondary services - DAB

1. Certain radio stations have one or more secondary services associated with them. If a station has a secondary service associated with it then the secondary service will then appear immediately after the primary service as you rotate the **Tuning / Select** control.
2. To tune to the secondary service, press and release the **Tuning / Select** control. Most secondary services do not broadcast continually and if the selected service is not available, the radio will re-tune to the associated primary service.

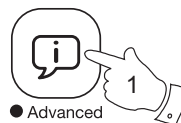


## Display options - DAB

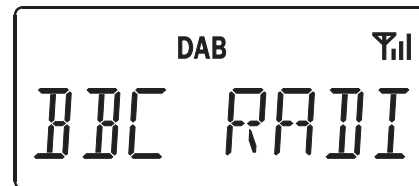
Your radio has a range of display options when in DAB mode:-

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

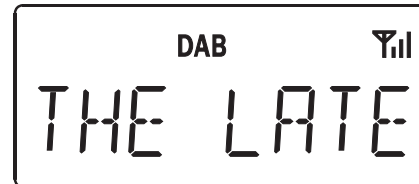
- |                   |   |
|-------------------|---|
| a. Station name   | Displays the station name being listened to.                                      |
| b. Scrolling text | Displays scrolling text messages such as artist/track name, phone in number, etc. |



a

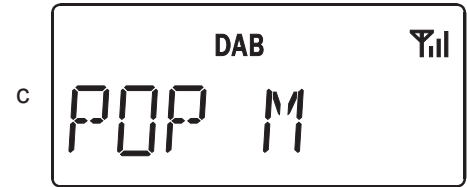


b



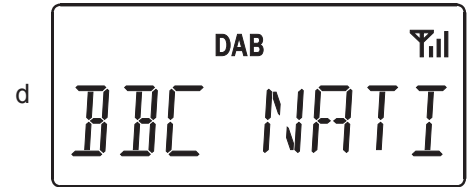
c. Programme type

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



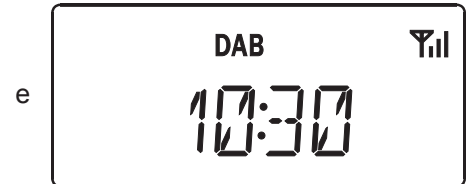
d. Multiplex Name

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



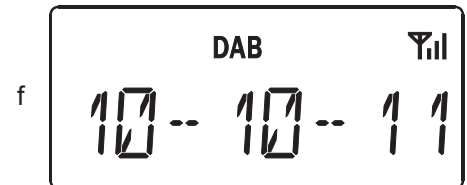
e. Time

Displays the current time.

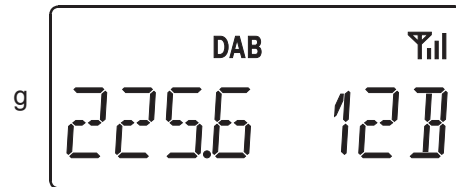


f. Date

Displays the current date.



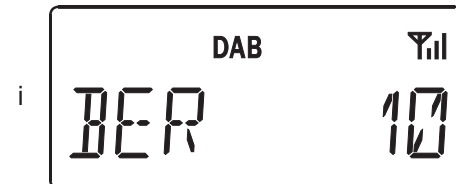
g. Frequency and channel Displays frequency and channel number for the currently tuned DAB station.



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



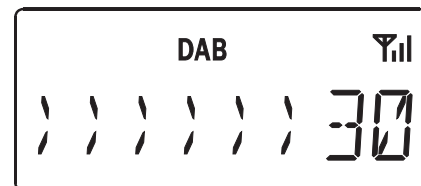
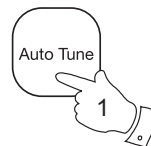
i. Signal error Displays the bit error rate for the currently tuned DAB station.



## Finding new stations - DAB

From time to time, new DAB radio stations may become available. Or you may have moved to a different part of the country. In this case you may need to cause your radio to scan for new stations.

1. Press and release the **Auto Tune** button.
2. 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.



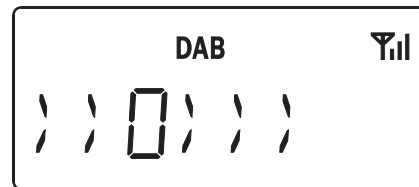
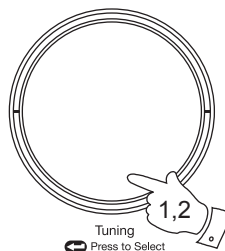
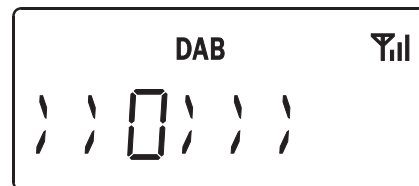
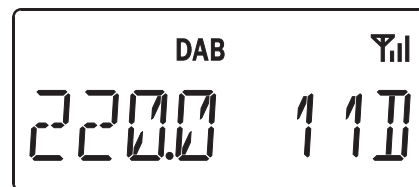
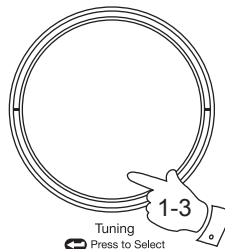
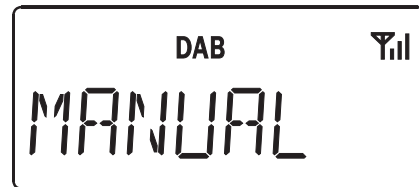
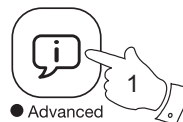
## Manual tuning - DAB

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 hold the **Advanced / Info** button so that the display shows 'MANUAL'. Press and release the **Tuning / Select** control to enter the manual tuning mode.
2. Rotate the **Tuning / Select** control to select the desired DAB channel. Press and release the **Tuning / Select** control to tune to the chosen frequency.
3. If a signal is present, this will be indicated on a signal strength display. The minimum signal marker (□) shows the minimum signal strength needed for good DAB reception. The signal indicator chevrons increase or decrease showing the changing signal strength as you adjust the wire aerial or your radio position. Press and release the **Tuning / Select** control again to return to the normal DAB tuning mode.

## Signal strength display - DAB

1. Press and release the **Tuning / Select** control to show the signal strength display. The minimum signal marker (□) shows the minimum signal strength needed for good DAB reception. The signal indicator chevrons increase or decrease showing the changing signal strength as you adjust the wire aerial or your radio position.
2. Press and release the **Tuning / Select** control to return to the normal radio display.



## Dynamic Range Control (DRC) - DAB

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

There are three levels of compression:

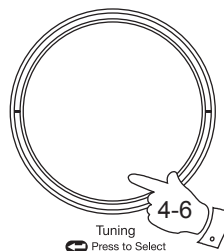
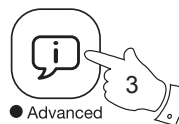
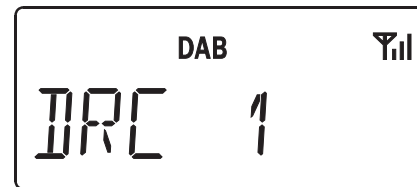
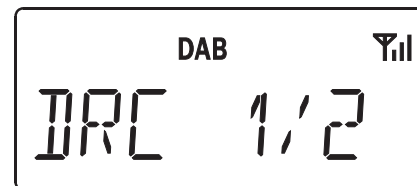
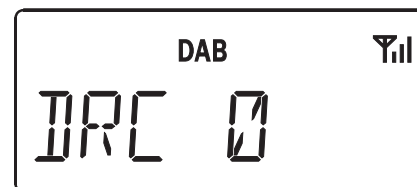
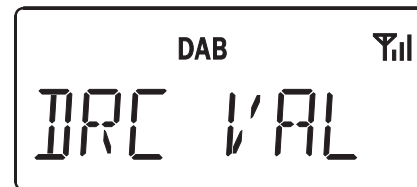
DRC 0 No compression applied. (default)

DRC 1/2 Medium compression applied.

DRC 1 Maximum compression applied.

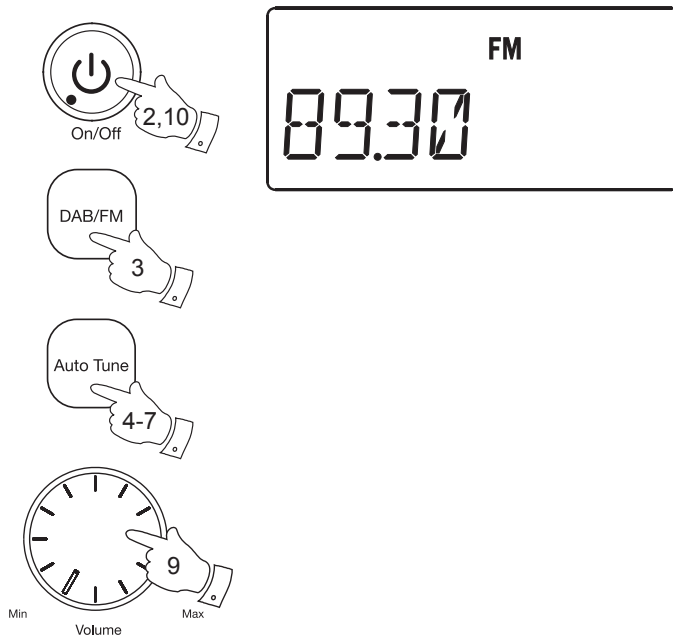
1. Press the **On / Off** button to switch on your radio.
2. Press and release the **DAB / FM** button until the DAB band is selected.
3. Press and hold the **Advanced / Info** button.
4. Rotate the **Tuning / Select** control until 'DRC VAL' appears on the display. Press and release the **Tuning / Select** control. The display will show the current DRC value.
5. Rotate the **Tuning / Select** control to select the required DRC setting (default is 0).
6. Press and release the **Tuning / Select** control to confirm the setting. After several seconds the display will return to the normal radio display.

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



## Operating your radio - FM auto-tune

1. Fully extend the wire aerial located on the rear of your radio. Place the wire antenna so that it is as straight as possible extending either above or below the radio.
2. Press the **On / Off** button to switch on your radio.
3. Press and release the **DAB / FM** button until the FM band is selected.
4. Press and release the **Auto Tune** button to cause your radio to search from low frequency to high frequency and to stop automatically when it finds a station of sufficient strength.
5. After a few seconds the display will update. The display will show the frequency of the signal found. If the signal is strong enough and there is RDS data present then the radio may display the station name.
6. To find other stations press and release the **Auto Tune** button as before.
7. Press and hold down the **Auto Tune** 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 / Off** button.



### Note:

If you find that FM reception is poor, try repositioning the wire aerial. Fully extend the wire aerial located on the rear of your radio. Place the wire antenna so that it is as straight as possible extending either above or below the radio. 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 18 for further details.

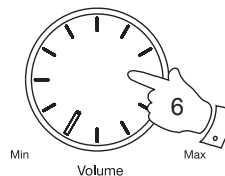
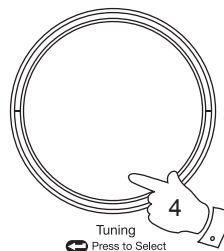


## Manual tuning - FM

1. Fully extend the wire aerial located on the rear of your radio. Place the wire antenna so that it is as straight as possible extending either above or below the radio.
2. Press the **On / Off** button to switch on your radio.
3. Press and release the **DAB / FM** button until the FM band is selected.
4. Rotate the **Tuning / Select** control to tune to a station. The frequency will change in steps of 50kHz.  
If the radio is tuned to a station of sufficient signal strength with RDS information present, then the display may change to show the station name.
5. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.
6. Set the **Volume** to the desired setting.
7. To switch off your radio press the **On / Off** button.

### Note:

If you find that FM reception is poor, try repositioning the wire aerial. Fully extend the wire aerial located on the rear of your radio. Place the wire antenna so that it is as straight as possible extending either above or below the radio. 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 18 for further details.

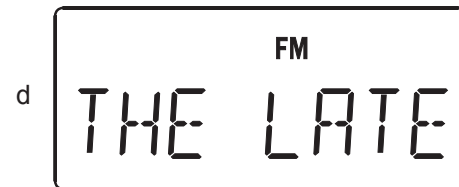
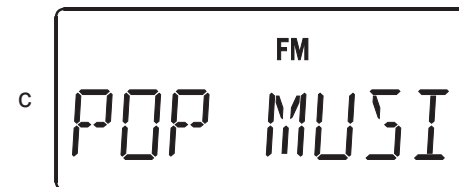
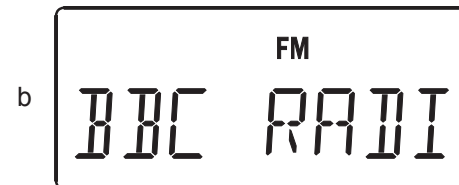


## Display options - FM

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 options.  
All display options except the text display will revert to the clock display after about 10 seconds.



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

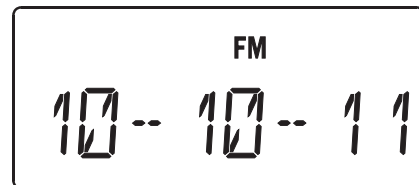
e. Time Displays the current time.

f. Date Displays the current date.

e



f

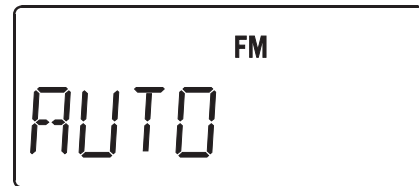
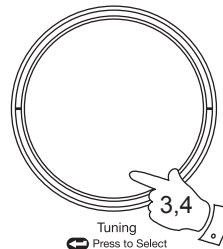
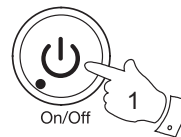


**Note:** If no RDS information is available, the radio will be unable to display the station name, scrolling text and programme type information.

### Stereo / Mono setting - FM (headphones only)

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

1. Press the **On / Off** button to switch on your radio.
2. Tune to the required FM radio station as previously described (see pages 15, 16).
3. Press and release the **Tuning / Select** control so that the display shows 'MONO'. The radio will play the current FM station in mono.
4. If you wish to cancel the Mono override while listening to the currently tuned radio station, press and release the **Tuning / Select** control so that the display shows 'AUTO'. The radio will play the current FM station in stereo if the signal is sufficiently strong.

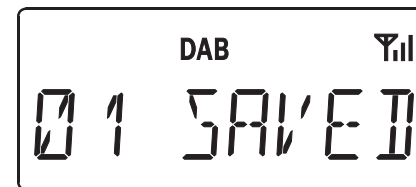
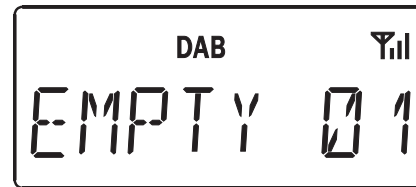
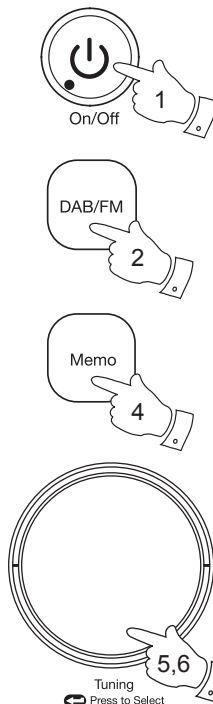


## Presetting stations

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.

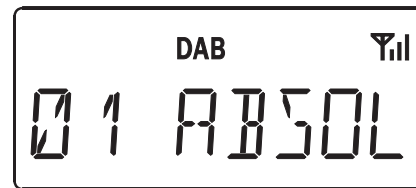
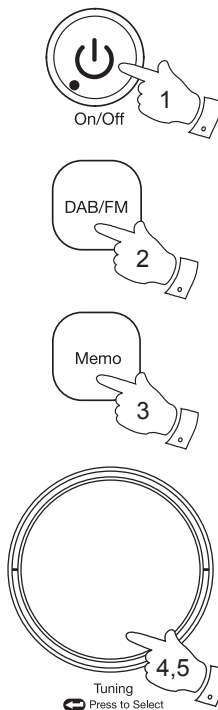
The procedure for setting presets and using them to tune stations is the same for FM and DAB modes, and is described below.

1. Press the **On / Off** button to switch on the radio.
2. Press the **DAB / FM** button to select the desired waveband DAB or FM.
3. Tune to the required station as previously described.
4. Press and hold the **Memo** button. The display will show, for example, 'Empty 01' if no station has been stored to that preset.
5. Rotate the **Tuning / Select** control to select the desired preset station number under which you wish to store the station.
6. Press and release the **Tuning / Select** control. The display shows, for example, '01 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.



## Recalling a preset station

1. Press the **On / Off** button to switch on the radio.
2. Press the **DAB / FM** button to select the desired waveband DAB or FM.
3. Press and release the **Memo** button. The display will show, for example, 'Empty 01' if no station has been stored to that preset. If a preset has been stored, then the display will show either the station name (for DAB stations) or the frequency (for FM stations).
4. Rotate the **Tuning / Select** control to select the desired preset station.
5. Press and release the **Tuning / Select** control. Your radio will tune to the chosen preset station stored in the preset memory.



## Storing your favourite stations

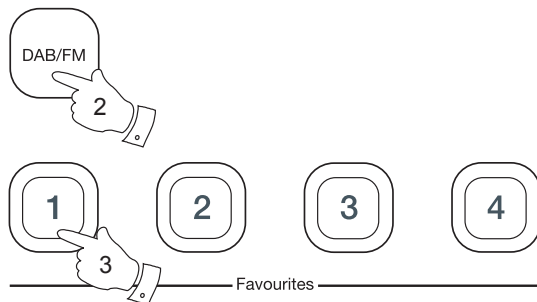
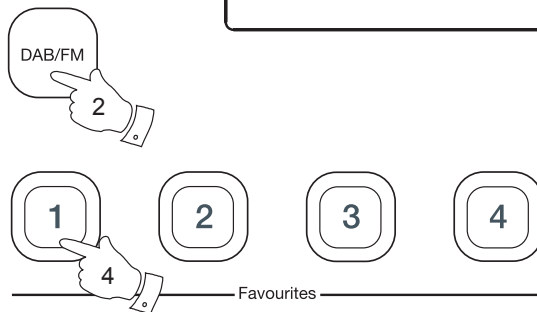
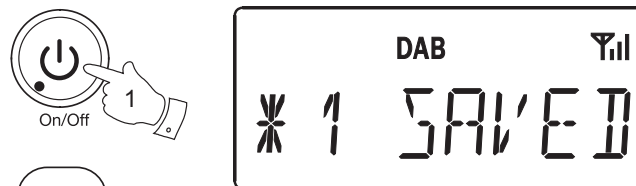
You may store your favourite DAB and FM radio stations using the 4 favourite station buttons. There are 8 favourite stations available in your radio, 4 for DAB and 4 for FM. Favourites are remembered by your radio in the event of a power failure.

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

1. Press the **On / Off** button to switch on the radio.
2. Press the **DAB / FM** button to select the desired waveband DAB or FM.
3. Tune to the required station as previously described.
4. Press and hold the desired **Favourite** button (1-4). The display will show, for example, '\* 1 SAVED'. The station will be stored under the chosen favourite button. Repeat this procedure for the remaining favourite stations.
5. Stations which have been stored in favourite memories may be overwritten by following the above procedure.

## Recalling a favourite station

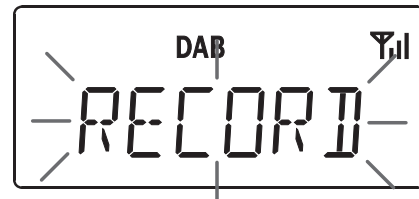
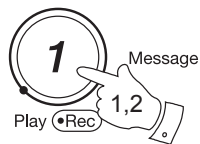
1. Press the **On / Off** button to switch on the radio.
2. Press the **DAB / FM** button to select the desired waveband.
3. Press and release the desired **Favourite** button (1-4). The radio will tune to the station stored in the favourite memory.



## Recording a voice message

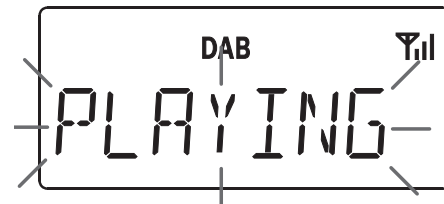
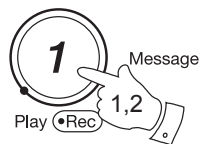
Your radio can record 2 voice messages which can also be used to wake you when setting the alarm. Voice messages may be set while the radio is in standby or whilst in use. Each message can be up to 10 seconds in duration. Ensure the volume control is set to a suitable listening level.

1. Press and hold either **Message 1** or **Message 2** buttons for 2 seconds. When 'RECORD' flashes on the display speak clearly into the microphone. The LED will light during the recording.
2. Press and release the **Message 1** or **2** buttons when you have finished recording your message. The LED on the button will flash indicating that a message has been recorded.
3. To overwrite an existing message follow step 1 above.



## Playing back a voice message

1. To play back your voice message, press and release the relevant **Message** button. 'PLAYING' will flash on the display and your message will be played back.
2. If you do not wish to listen to the whole message, press and release the **Message 1** or **2** buttons again.



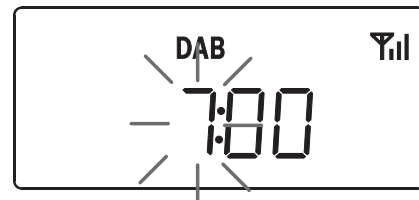
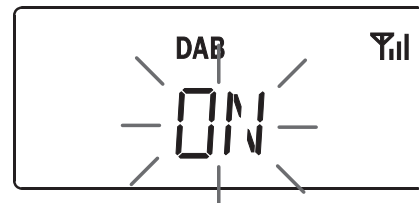
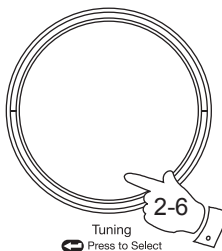
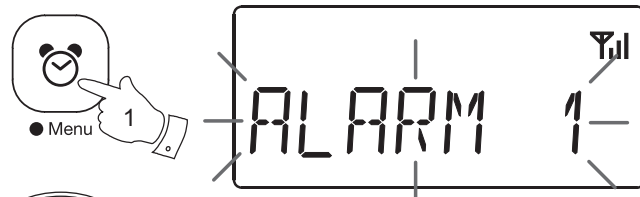
**Note:** If you play back the recording and it is very quiet you may need to speak closer to the microphone.

## Setting alarm times

Your radio has two alarms which can be set to wake you to DAB, FM radio, beep type alarm or voice message. Each alarm can be set to sound once, daily, on weekdays or at weekends. The alarms can be set while your radio is in use or in standby mode. The clock must be set correctly before setting the alarms.

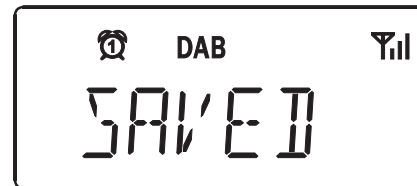
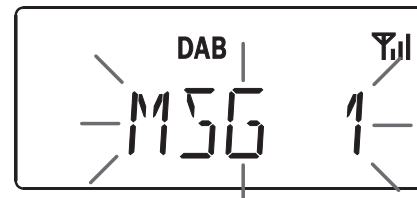
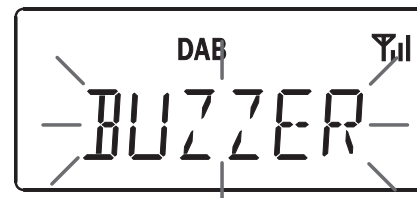
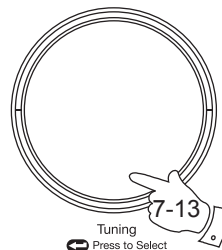
**Note:** If no buttons are pressed for ten seconds, your clock radio will exit the alarm setup.

1. Press and hold the **Alarm** button. 'Alarm 1' flashes on the display.
2. Rotate the **Tuning / Select** control to select the desired alarm number, 1 or 2.
3. Press and release the **Tuning / Select** control to enter the setting for the chosen alarm.
4. Rotate the **Tuning / Select** control to select ON, BACK (will go back to the previous step) or OFF. If OFF is selected any current setting for that alarm will be cancelled.
5. With 'ON' selected, press and release the **Tuning / Select** control to cause the alarm hour digits to flash on the display.
6. Rotate the **Tuning / Select** control to choose the desired alarm hour.






7. Press and release the **Tuning / Select** control to cause the alarm minute digits to flash on the display.
8. Rotate the **Tuning / Select** control to choose the desired alarm minute.
9. Press and release the **Tuning / Select** control to enter the setting. The alarm source option will flash on the display.
10. Rotate the **Tuning / Select** control to choose the desired alarm source (BUZZER, DAB, FM, MSG 1 (recorded message 1), MSG 2 (recorded message 2), BACK (will go back to the previous step)).  
**Note:** To use the message option a message must have been previously recorded, see 'Recording a voice message' page 22.



11. Press and release the **Tuning / Select** control to enter the setting. The alarm day option will flash on the display.
12. Rotate the **Tuning / Select** control to choose the desired alarm day option:

- |          |                                     |
|----------|-------------------------------------|
| Daily    | - will sound everyday               |
| Once     | - will sound at one time only       |
| Weekdays | - will sound only on weekdays       |
| Weekends | - will sound only on weekends       |
| Back     | - will go back to the previous step |

13. Press and release the **Tuning / Select** control to confirm the alarm settings. 'SAVED' will show on the display before exiting the alarm setup.

Alarms are indicated in the display by the  symbol and the corresponding alarm number. The alarm icon will flash on the display when an alarm is sounding.

**Note:** When setting your alarm to the buzzer alarm you will need to ensure that the **Buzzer volume** control located inside the battery compartment has been set to the desired level.



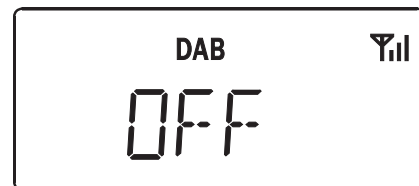
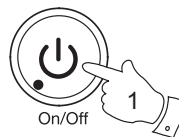
**Note:** The alarm volume used for radio alarm or voice message will be the volume previously listened to. The volume must not be set at the lowest level. When your radio is set to wake by the radio alarm, your radio will switch to the last used DAB or FM radio station. If the radio cannot tune to the DAB radio station, the buzzer alarm will be used instead.

The buzzer alarm will start from minimum and increase in level every few seconds. The buzzer alarm will sound for 30 minutes and the radio and message alarm will sound for 60 minutes unless cancelled.

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

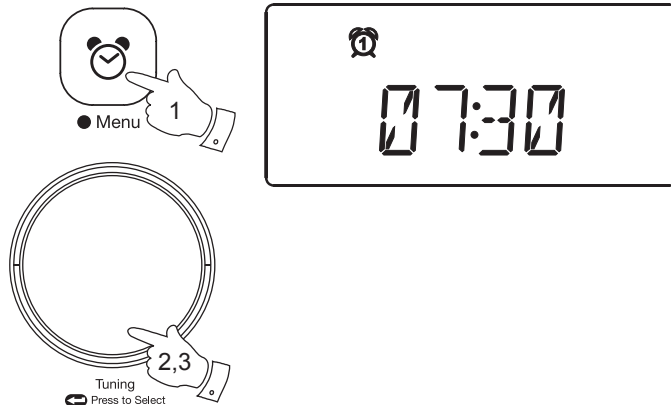
## Cancelling alarms

1. While an alarm is sounding it can be cancelled by pressing the **On / Off** button.
2. To permanently cancel an alarm, enter the alarm setup menu for the alarm that you wish to cancel. Set the alarm to the 'OFF' option (see step 4 on page 23).




## To view the alarm settings

1. Press and release the **Alarm** button to enter the alarm setup.
2. Rotate the **Tuning / Select** control to view alarms 1 or 2.
3. Press and release the **Tuning / Select** control to cycle through each of the settings for the chosen alarm.

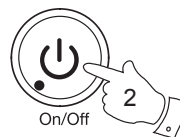


## Snooze function

1. When the alarm sounds, **press any button** other than the On / Off button. This will silence the alarm for 5 minutes.

The display will show the Snooze symbol . This sequence can be repeated during the alarm period.

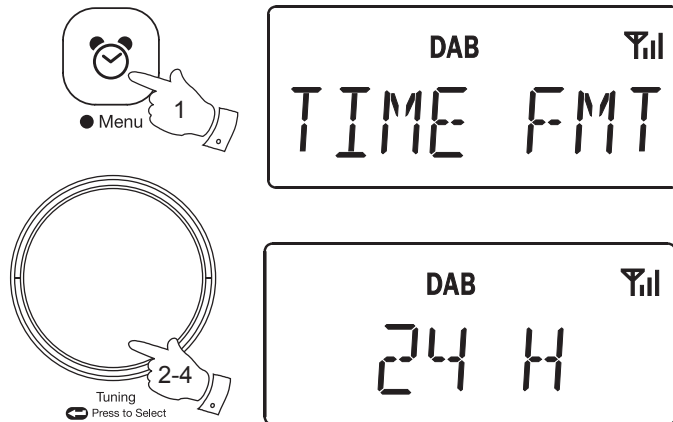
2. To cancel the Snooze function, press the **On / Off** button.



## Setting the clock format

The clock display can be set to 12 or 24 hour format. The selected format is then also used when setting the alarms.

1. Press and hold the **Menu** button to enter the setup menu.
2. Rotate the **Tuning / Select** control until 'TIME FMT' appears on the display.
3. Press and release the **Tuning / Select** control to enter the clock format menu.
4. Rotate the **Tuning / Select** control to select either 12 or 24 hour format. Press the control to confirm your choice of clock format. The display will revert to the previous display.

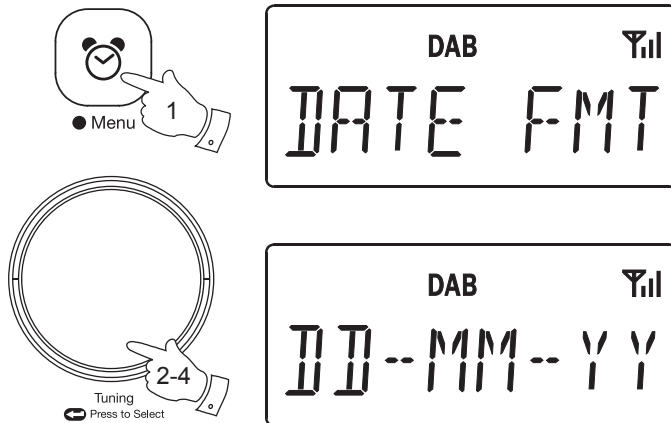


If the 12 hour clock format is chosen, the radio will then use the 12 hour clock for setting of alarms, and will display a 12 hour clock with an AM or PM indicator when in standby mode.

## Setting the date format


The date format displayed on your radio can be adjusted. There are three options available.

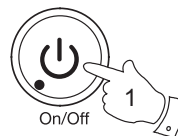
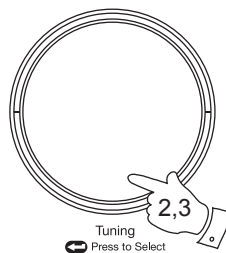
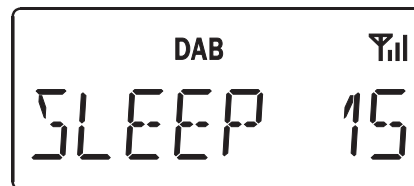
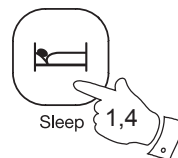
1. Press and hold the **Menu** button to enter the setup menu.
2. Rotate the **Tuning / Select** control until 'DATE FMT' appears on the display.
3. Press and release the **Tuning / Select** control to enter the date format menu.
4. Rotate the **Tuning / Select** control to select the required date format. Press the control to confirm your choice of format. The display will revert to the previous display.



## Sleep function


Your radio can be set to turn off after a preset time has elapsed. The sleep setting can be adjusted between 15 and 120 minutes. Ensure your radio is switched on.

1. When using your radio, press and release the **Sleep** button.
2. Rotate the **Tuning / Select** control to select the desired sleep time. The sleep settings available are 15, 30, 60, 90 and 120 minutes. A further rotation will cause the sleep timer to be set to OFF which will cancel the sleep function.
3. Press and release the **Tuning / Select** control to confirm the sleep setting. 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. To view the remaining sleep time press the **Sleep** button again.
5. To cancel the sleep timer and switch off your radio before the chosen sleep time has elapsed, press the **On / Off** button.  
To cancel the sleep timer without switching off your radio, choose the 'OFF' option in step 2.

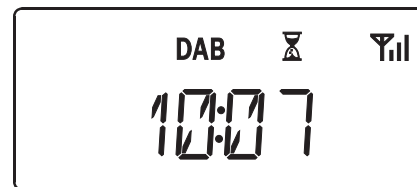
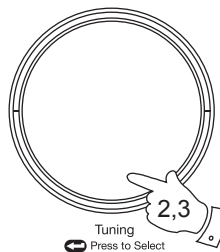
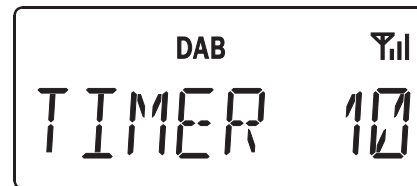
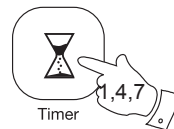


## Nap timer

The Nap timer facility allows you to set your radio to wake you after a predetermined interval (up to 2 hours) without needing to set the alarm. The nap timer can be set when your radio is in use or in standby mode.

1. Press and release the **Timer** button.
2. Rotate the **Tuning / Select** control to select the desired nap time. The nap setting will increase in 1 minute increments from 1 minute up to 120 minutes.
3. Press and release the **Tuning / Select** control or press the **Timer** button to confirm the nap setting. The display will exit the nap options. The nap timer symbol  will show on the display.
4. To view the remaining nap time press and release the **Timer** button again.
5. When the selected nap timer has elapsed, the buzzer will sound for 3 minutes.
6. To cancel the buzzer press the **On / Off** button.
7. To disable the nap timer press and hold the **Timer** button. The nap timer symbol will disappear from the display.

**Note:** When setting the Nap timer you will need to ensure that the **Buzzer volume** control located inside the battery compartment has been set to the desired level.

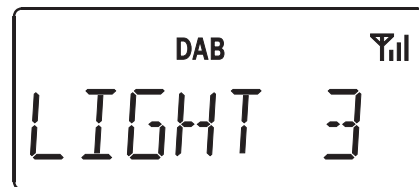
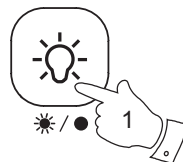


## Display backlight dimmer

The brightness of the display and the moon light LED can be adjusted while the radio is in standby or while it is in use. If you use the unit in the bedroom, you may prefer a lower standby brightness level than the standard setting. There are seven brightness levels and an almost off 'night-time' setting.

1. In order to adapt the intensity of the display to suit the ambient room lighting, press the **Backlight** button to select the dimmer and moon light LED brightness.

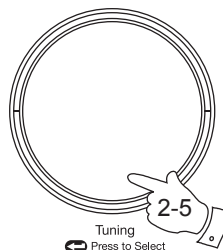
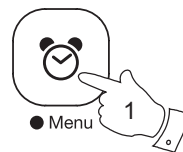
The backlight level will change at the same time so that you can see the effect of each setting.



## Moon light feature

Your radio has a moon light feature which may be set to be either on or off.

1. Press and hold the **Menu** button.
2. Rotate the **Tuning / Select** control until 'MOON LED' appears on the display.
3. Press and release the **Tuning / Select** control to enter the menu.
4. Rotate the **Tuning / Select** control to select either 'ON' or 'OFF'
5. Press and release the **Tuning / Select** control to confirm the setting.





## Display backlight

1. When using the radio powered from batteries, the display backlight will be switched on for several seconds when any button is pressed.
2. When your radio is powered by the AC mains using the supplied mains adaptor the display backlight will always be on whenever the radio is switched on.

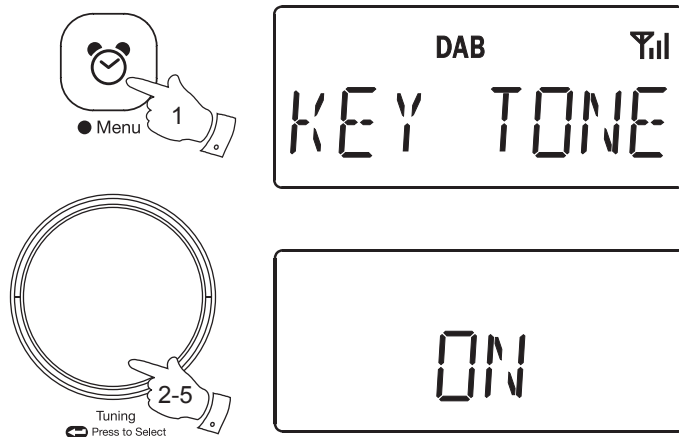
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## Key tone adjustment

Your radio has a key tone feature which can be adjusted. You can either have the key tone on (loud) or almost-off (quiet). Follow the below procedure to adjust the key tone.

1. Press and hold the **Menu** button.
2. Rotate the **Tuning / Select** control until 'KEY TONE' appears on the display.
3. Press and release the **Tuning / Select** control to enter the menu.
4. Rotate the **Tuning / Select** control to select either 'ON' or 'OFF'.
5. Press and release the **Tuning / Select** control to confirm the setting.

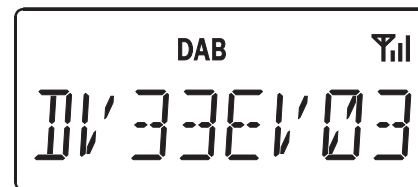
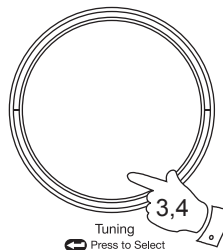
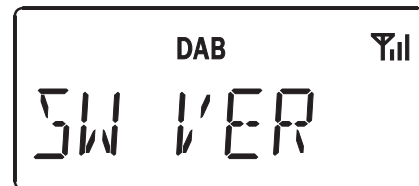
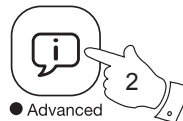
**Note:** the buzzer volume control located inside the battery compartment may effect the key tone volume.



## Software version

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

1. Ensure your radio is in DAB or FM mode.
2. Press and hold the **Advanced / Info** button.
3. Rotate the **Tuning / Select** control until 'SW VER' appears on the display.
4. Press and release the **Tuning / Select** control. The display will show the software information. The radio will exit the menu after several seconds.



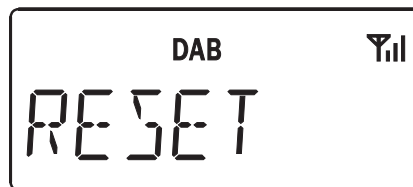
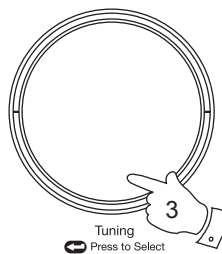
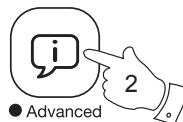
## System reset

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

1. Press the **On / Off** button to switch on the radio and ensure your radio is in DAB or FM mode.
2. Press and hold the **Advanced / Info** button.
3. Rotate the **Tuning / Select** control until 'FACTORY' appears on the display. Press and release the **Tuning / Select** control so that the display shows 'RESET' and then press the **Tuning / Select** control again.
4. A full reset will be performed. The station list and presets will be erased. Alarms will be cancelled and sleep timer settings will be set to their default values. The display will show 'ROBERTS' and after a short time the current time will appear on the display.
5. See "Operating your radio" on page 8 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 and batteries 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.

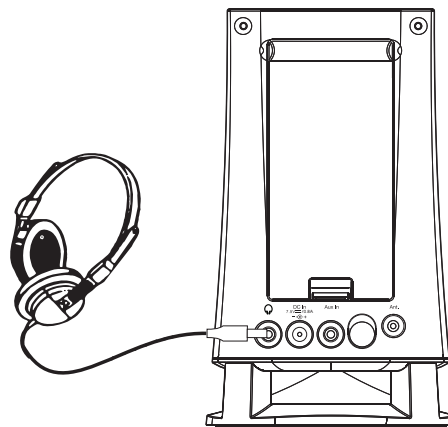


## Headphone socket

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.

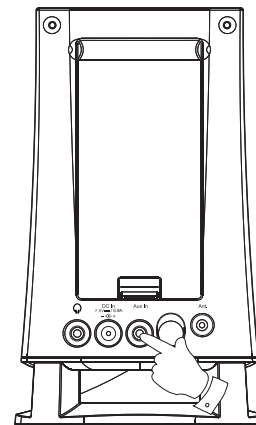
**IMPORTANT:** Excessive sound pressure from earphones and headphones can cause hearing loss.



## 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 **DAB / FM** button until 'AUX IN' is selected on the display.
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.



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## USB socket for software upgrade

As software updates become available software and information on how to update your clock radio may be found at [www.robertsradio.co.uk](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 underneath 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  $\sim$  240V 50/60 Hz (Adaptor)  
Batteries 4 x LR14 (C size)

### Battery life

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

### Frequency Coverage

FM 87.5-108MHz  
DAB 174.928 - 239.200MHz

## Circuit Features

Loudspeaker	63 mm
Output Power	1 Watt
Headphone socket	3.5mm dia
Auxiliary input socket	3.5mm dia
Aerial System	FM Wire aerial
	DAB Wire aerial

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

## Guarantee

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

The guarantee does not cover:

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

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.



Issue 1

## **ROBERTS RADIO TECHNICAL SERVICES**

97-99 Worton Road

Isleworth

Middlesex

TW7 6EG

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

Website: <http://www.robertsradio.co.uk>

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