

Enjoy Listening

DAB / DAB+ / FM RDS / CD Player with SD and USB



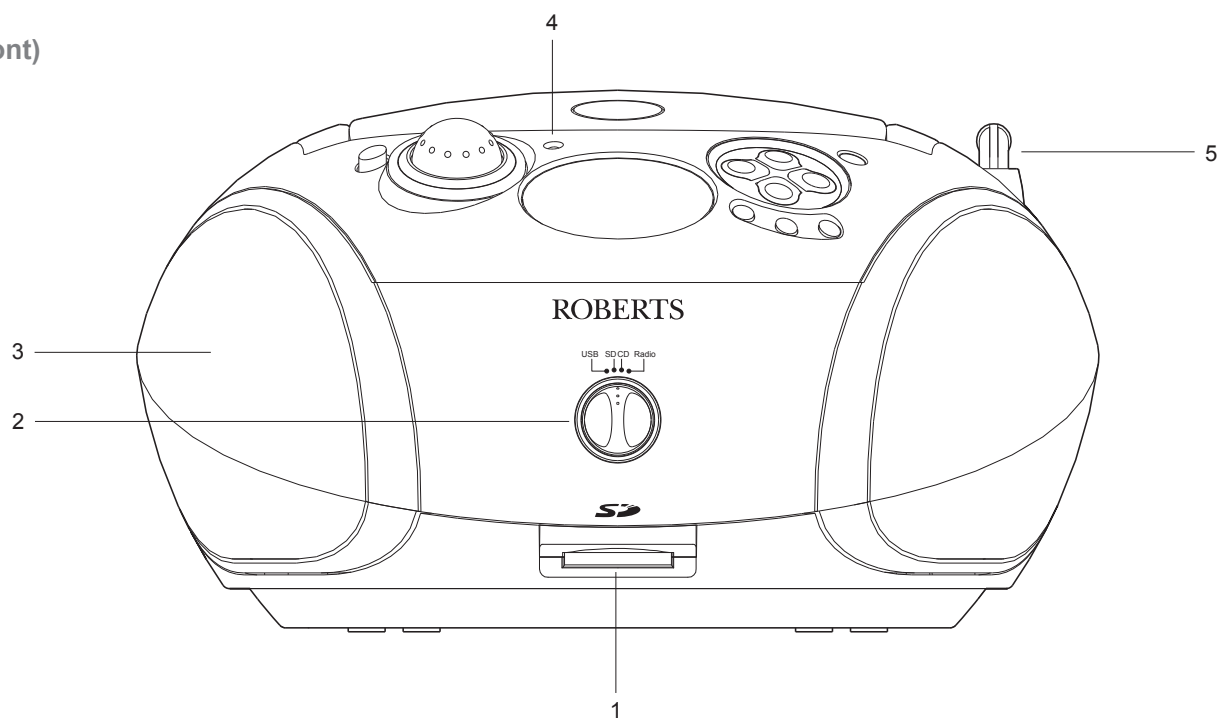
Please read this manual before use

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Controls

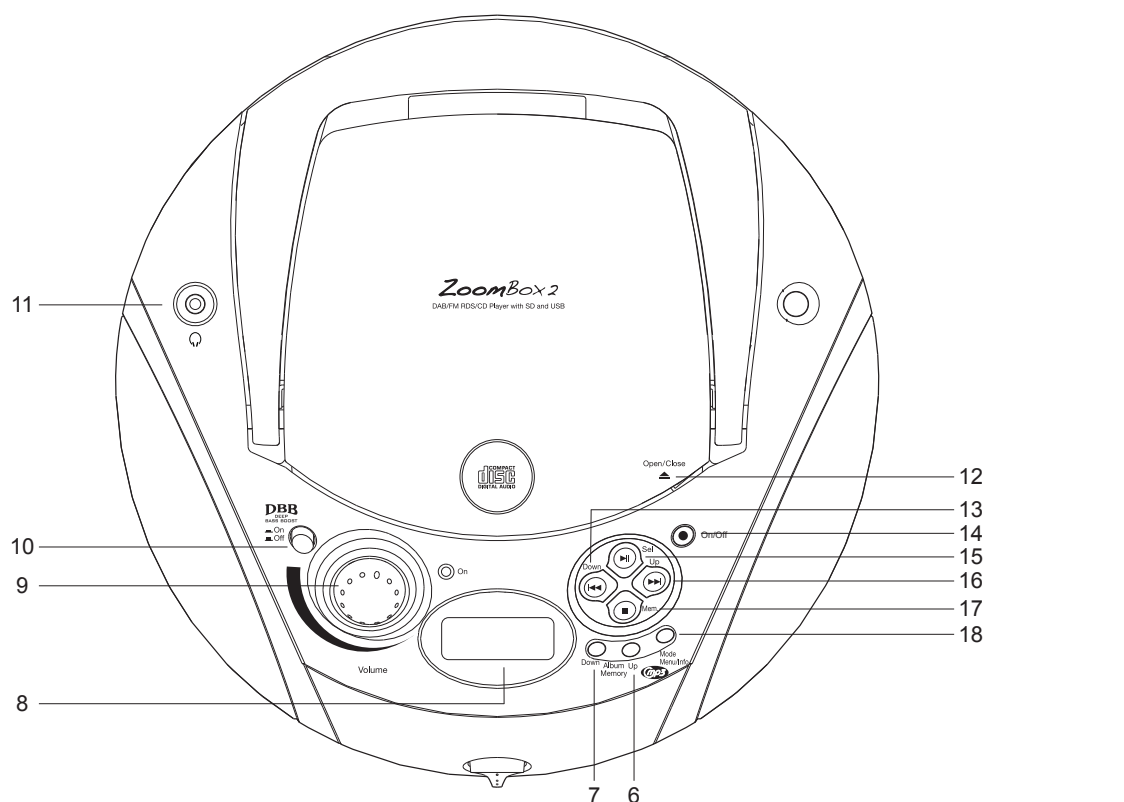
(Front)



- 1. SD card slot
- 2. Function switch
- 3. Speaker x 2

- 4. On indicator light
- 5. Telescopic aerial

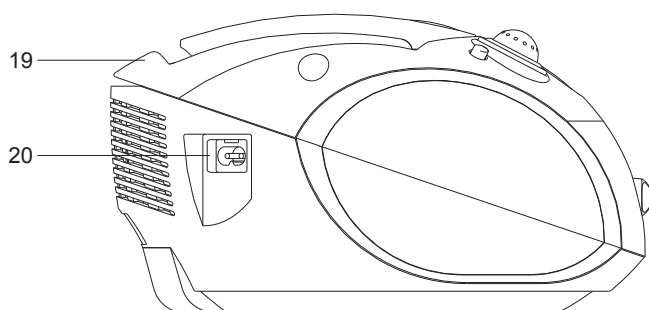
Controls (Top)



- | | | |
|------------------------------------|---------------------------------|------------------------------------|
| 6. Album Up / Memory Up button | 11. Headphone socket | 15. Play / Pause / Select button |
| 7. Album Down / Memory Down button | 12. CD Open / Close | 16. Tuning Up / Fastforward button |
| 8. LCD display | 13. Tuning Down / Rewind button | 17. Stop / Memory button |
| 9. Volume control | 14. On/Off button | 18. Mode / Menu / Info button |
| 10. Deep bass boost button | | |

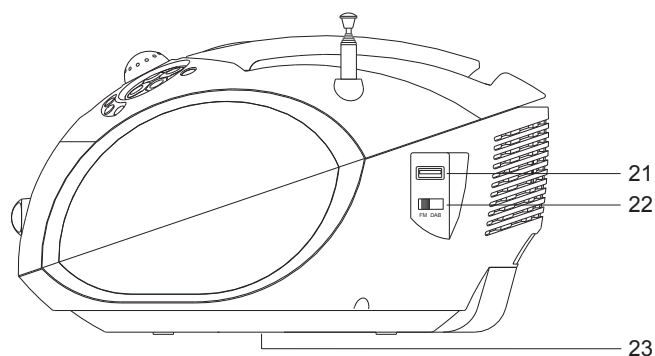
Controls

(Left side)



- 19. Handle
- 20. Mains power socket

(Right side)



- 21. USB socket
- 22. FM / DAB switch
- 23. Battery compartment
- 24. USB socket (for service use only inside battery compartment)

Aerial storage

When the aerial is in the vertical position it can be collapsed and then pushed partly into the aerial stud for storage (see the right hand illustration above).

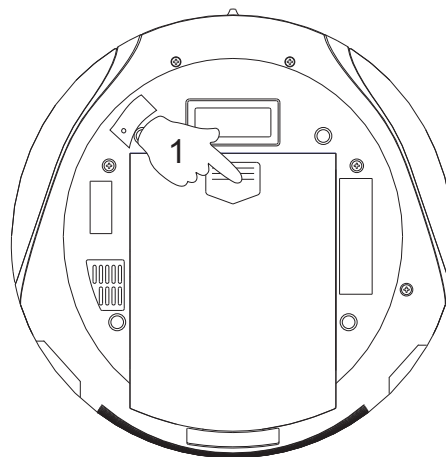
For best reception the aerial should be restored to the vertical orientation and fully extended.

Battery operation

1. Slide the battery cover catch in the direction of the arrow. Open the battery cover.
2. Fit six LR14 (C size) batteries into the spaces in the compartment. Take care to ensure all batteries are inserted with the correct polarity as shown on the outside of the battery compartment. Replace the battery cover.
3. Reduced power, distortion and a 'stuttering' sound are all signs that the batteries may need replacing. If the unit is not to be used for a prolonged period of time, remove the batteries to avoid damage by battery leakage.

We would recommend for economy that the ZoomBox 2 is used on the mains whenever possible with battery operation for occasional or stand-by 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.

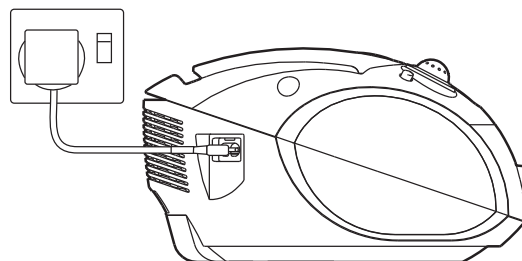


Mains operation

1. Place your CD player on a flat surface.
2. Plug the mains lead into the **Socket** located on the left hand side of your cd player ensuring that the plug is pushed fully into the socket.
3. Plug the other end of the mains lead into a wall socket and switch on the wall socket.

IMPORTANT: The mains plug 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, the mains plug should be removed from the mains socket outlet completely.

4. The On Indicator will light when the unit is switched on.



Operating your radio - DAB

1. Carefully extend the telescopic aerial. Press and release the **On/Off** button to switch the radio on. The 'On' indicator will light.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' position.
3. The display will show 'Welcome' for a few seconds and the DAB symbol will appear in the display.
4. If this is the first time the radio is used a scan of the Band III DAB channels will be carried out. If the radio has been used before the last used station will be selected.
5. The autotune takes around 30 seconds. The display will continue to show 'Welcome'. The lower line will show the progress of the scan.
6. When the Autotune is complete the first station (in numeric-alpha order 0...9...A...Z) will be selected.
7. If no signals are found it may be necessary to relocate your CD player to a position giving better reception.



Note: that radio station name and frequency displays shown in this user guide may differ from those that you see on your radio. Broadcasters may change radio station names that are transmitted, and the frequencies used for DAB and FM radio stations may not be the same in all parts of the country.

Selecting a station - DAB

1. When the unit is in DAB mode the upper line of the text display normally shows the name of the station currently tuned.
2. Repeatedly press the **Tuning Up** or **Down** buttons to scroll through the list of available stations on the lower line of the text display. Stop pressing the **Tuning** buttons when you find the station that you wish to hear.
3. Press and release the **Select** button to cause the radio to tune to the chosen station. The display may show 'Tuning' while your radio finds the new station.

The use of memory presets is described on page 17.

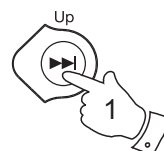
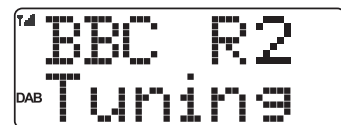
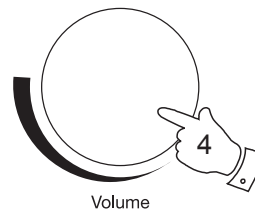
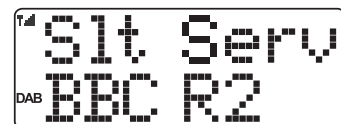
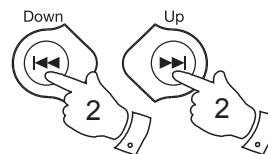
4. Adjust the **Volume** to the required setting.

If a signal cannot be found 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 be shown directly after the primary service as you press the **Tuning Up** button.
2. Press and release the **Select** button to select the station.

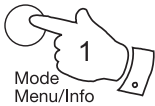
Most secondary services do not broadcast continually and if the selected service is not available the radio will re-tune to the associated primary service.



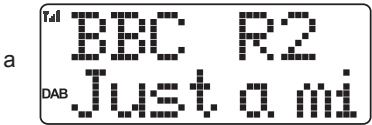
Display options - DAB

When in DAB mode your radio has a range of display options.

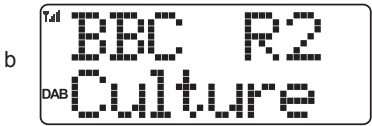
1. Press the **Info** button to cycle through the various options.



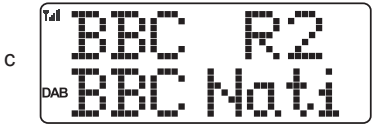
a. Scrolling text Displays scrolling text messages such as artist/track name, phone in number, etc.



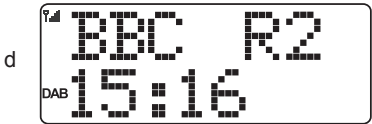
b. Programme type Displays type of station being listened to e.g. Pop, Classic, News, etc.



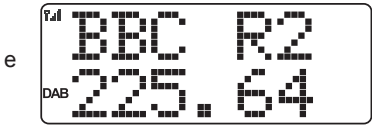
c. Multiplex Name Displays name of multiplex to which current station belongs.



d. Time Displays current time.



e. Frequency Displays the current frequency.



Display options - DAB cont.

f. Bit rate Displays the digital bit rate.



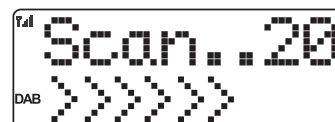
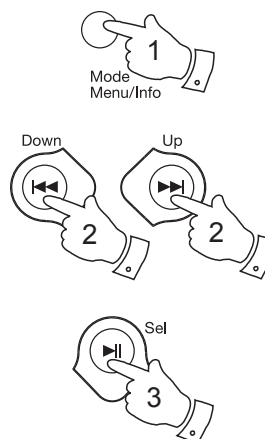
g. Signal error Displays the signal error for the station being listened to. (The lower numbers mean that the radio is receiving a better signal).



Finding new stations - DAB

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

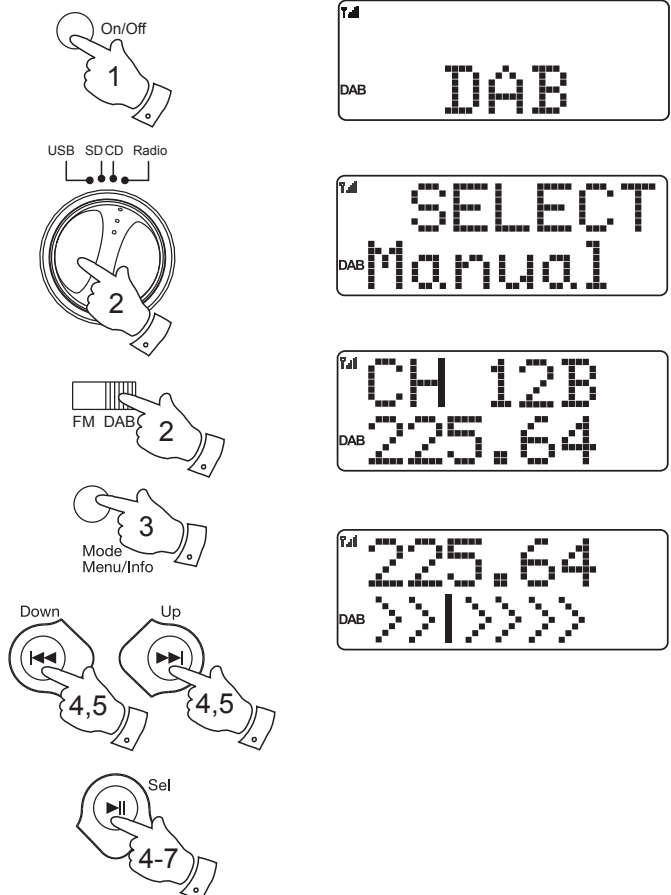
1. To carry out a scan of the DAB Band III channels press and hold the **Menu** button to enter the DAB menu and then release the **Menu** button.
2. Press the **Tuning Up** or **Down** buttons until the display shows 'SELECT Scan'.
3. Press and release the **Select** button the display will show 'Scan..'. 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 directly to the various DAB (Band III) channels. UK DAB stations are located in the range 11B to 12D.

1. Press and release the **On/Off** button to switch the CD player on.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' position.
3. Press and hold the **Menu** button to enter the DAB menu and then release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until the display shows 'SELECT Manual'. Press and release the **Select** button.
5. Press the **Tuning Up** or **Down** buttons to select the required DAB channel. (Frequency display is in MHz).
6. Press and release the **Select** button. The minimum signal marker (I) shows the minimum signal strength needed for good DAB reception. The signal indicator chevrons go up or down showing the changing signal strength as you adjust the telescopic aerial or the units position. Any new radio stations found will be added to the list stored in the radio.
7. Press and release the **Select** button again to return to normal DAB tuning mode after a few seconds.

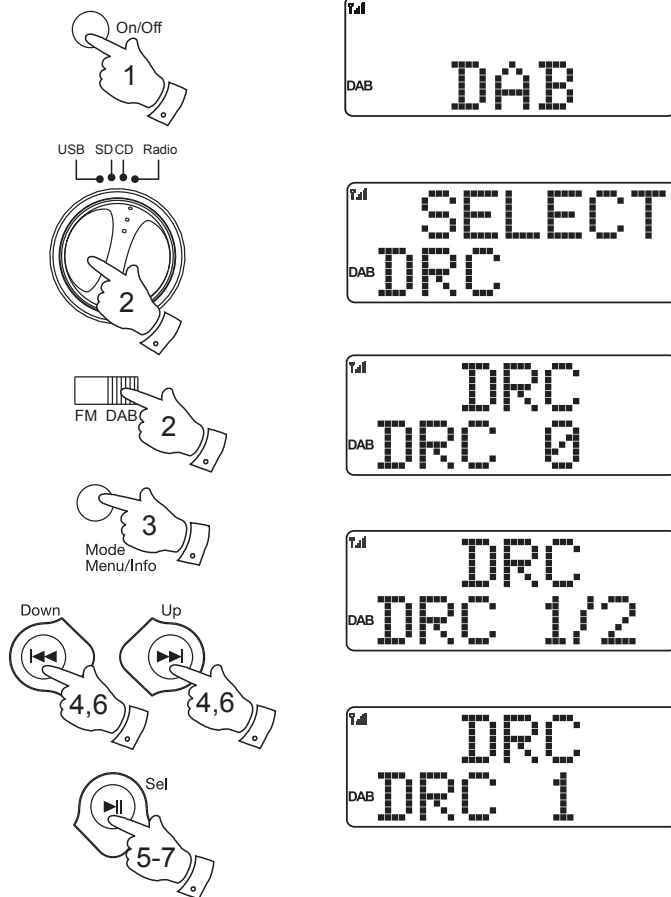


Dynamic Range Control (DRC) settings - DAB only

DRC can make quieter sounds easier to hear when your radio is used in a noisy environment. This function is only for the DAB waveband.

1. Press and release the **On/Off** button to switch the CD player on.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' position.
3. Press and hold the **Menu** button to enter the DAB menu and then release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until the display shows 'SELECT DRC'.
5. Press and release the **Select** button to enter adjustment mode.
6. Press and release the **Tuning Up** or **Down** buttons to select required DRC setting (default is 0) .
 - DRC 0 DRC is switched off, Broadcast DRC will be ignored.
 - DRC 1/2 DRC level is set to 1/2 that sent by broadcaster.
 - DRC 1 DRC is set as sent by broadcaster.
7. Press and release the **Select** button to confirm the setting. The display will return to radio mode.

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



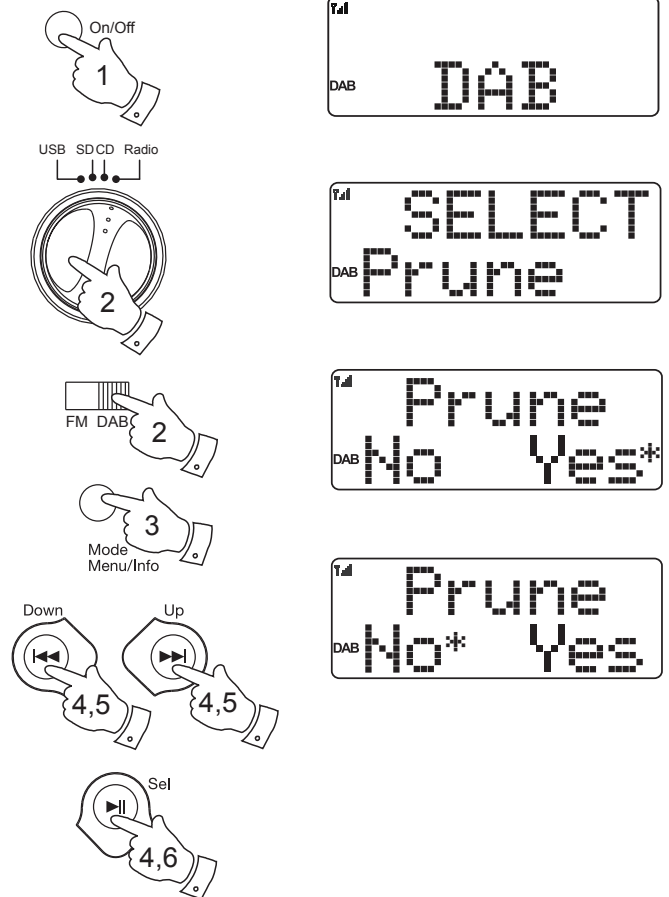
Prune stations - DAB

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.

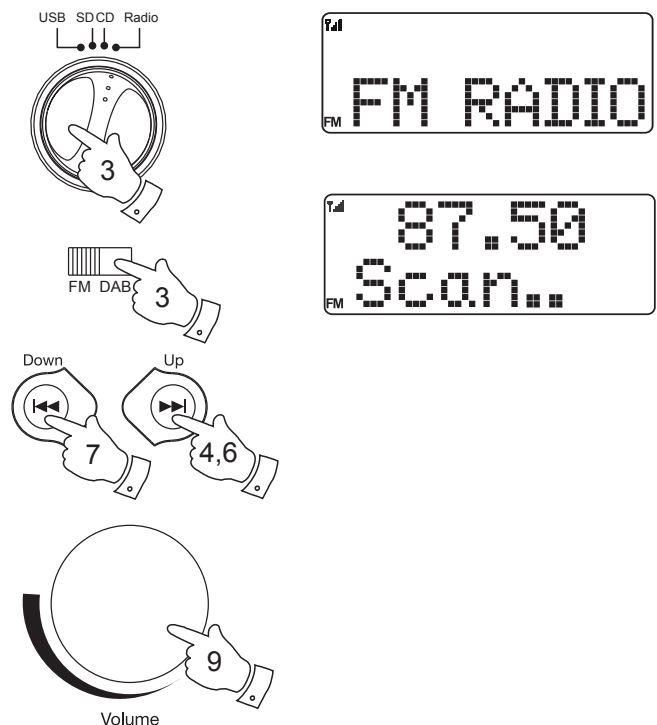
1. Press and release the **On/Off** button to switch the CD player on.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' position.
3. Press and hold the **Menu** button to enter the DAB menu and then release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until the display shows 'SELECT Prune'. 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 with an asterisk.
6. Press and release the **Select** button to cause the invalid station names to be removed from the station list. If you do not wish to prune stations, choose 'No' and then press and release the **Select** button.

Note: If you have moved your radio to a different part of the country you should carry out a search for new stations (please see section 'Finding new stations' on page 9).



Operating your radio - Search tuning FM

1. Carefully extend the telescopic aerial.
2. Press and release the **On/Off** button to switch the CD player on.
3. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'FM' position.
4. Press and hold the **Tuning Up** button your radio will scan in an upwards direction (low frequency to high frequency) and stop automatically when it finds a station of sufficient strength.
5. After a few seconds the display will update. The display will show the frequency 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 hold the **Tuning Up** button as before.
7. To scan the FM band in a downwards direction (high frequency to low frequency) press and hold the **Tuning Down** button.
8. When the waveband end is reached your radio will recommence tuning from the opposite waveband end.
9. Adjust the **Volume** to the required settings.
10. To switch off your radio press and release the **On/Off** button.

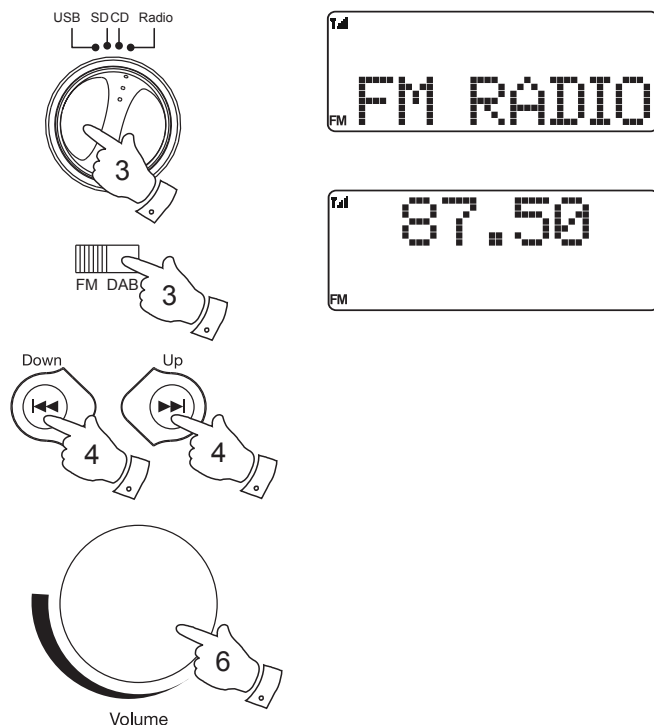


Note: If you find that FM reception is poor, try repositioning the Telescopic aerial. Fully extend and position vertically for optimum reception. If you find that an FM broadcast has a lot of background hiss, this may often be reduced by setting the radio into Mono reception mode for the current FM station. Please refer to the section 'Stereo/Mono setting - FM' on page 16 for further details.

Manual tuning - FM

1. Carefully extend the telescopic aerial.
2. Press and release the **On/Off** button to switch the CD player on.
3. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'FM' position.
4. Repeatedly press the **Tuning Up** or **Down** buttons to tune to a station. The frequency will change in steps of 50kHz on FM.
5. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.
6. Set the **Volume** to the desired settings.
7. To switch off your radio press and release the **On/Off** 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 16 for further details.



Display options - FM

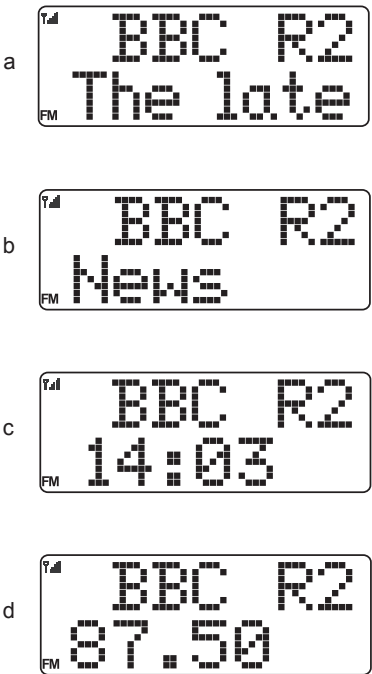
Your ZoomBox 2 has a range of display options when in FM mode. The Radio Data System (RDS) is a system in which inaudible digital information is transmitted in addition to the normal FM radio programme. RDS offers several useful features.

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.
b. Programme Type	Displays type of station being listened to e.g. Pop, Classic, News, etc.
c. Time	Displays current time.
d. Frequency	Displays frequency of the station being listened to.

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

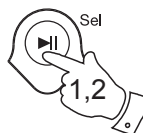
If the radio cannot display the scrolling text it may display 'NO RT'. If the radio cannot display the programme type it may display 'NO PTY'.



FM stereo / mono

Your CD player will play stereo broadcasts in stereo so long as 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 audio noise.

1. If an FM station is received with a weak signal some hiss may be audible. To reduce the hiss press and hold the **Select** button the display will show '*Mono*'. Your radio will switch to mono mode.
2. To return to stereo mode press and hold the **Select** button the display will show '*Auto*'. The radio will switch to stereo mode.

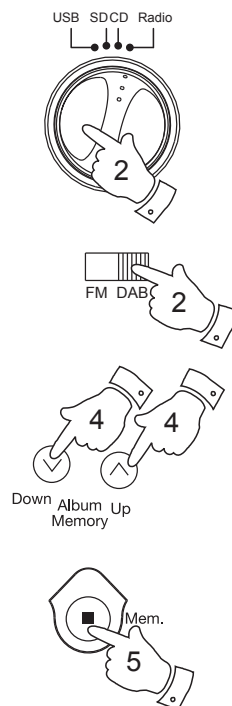


Presetting stations - DAB and FM

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

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

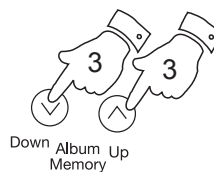
1. Press and release the **On/Off** button to switch the CD player on.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' or 'FM' position.
3. Tune to the required station as previously described.
4. Press the **Memory Up** or **Down** buttons to select the desired preset number under which you wish to store the station.
5. Press and hold down the **Stop/Memory** button until the display shows e.g. 'P2 Saved'. The station will be stored under the chosen preset. Repeat this procedure for the remaining presets.
6. Stations stored in preset memories may be overwritten by following the above procedure.




Recalling a preset station

1. Press and release the **On/Off** button to switch the CD player on.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' or 'FM' position.
3. Momentarily press the **Memory Up** or **Down** buttons to recall the stored preset station. The display will show the preset number e.g. 'Preset 01'.
4. After several seconds your radio will then tune to the station stored in the chosen preset memory.

If no station has been stored in memory the display shows e.g. 'Empty' when pressing the **Memory Up** or **Down** buttons.



Compact discs

Use only Digital Audio CDs which have the  symbol.

Never write on a CD or attach any sticker to the CD. Always hold the CD at the edge and store it in its box after use with the label facing up.

To remove dust and dirt, breathe on the CD and wipe it with a soft, lint free cloth in a straight line from the centre towards the edge.

Cleaning agents may damage the CD.

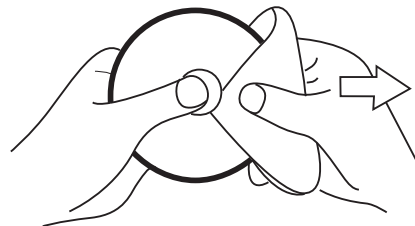
Do not expose the CD to rain, moisture, sand or to excessive heat. (e.g from heating equipment or in motor cars parked in the sun).

CD-R/CD-RW discs

Your CD player can playback CD-DA format audio CD-R/CD-RW discs that have been finalised* upon completion of recording.

Your CD player may fail to playback some CD-R/CD-RW discs due to poor recording and wide variation in quality of the CD-R/CD-RW disc.

*Finalising enables a CD-R/CD-RW disc to playback on audio players such as your ZoomBox 2.



WARNING

CLASS 1 LASER PRODUCT means that the laser's construction makes it inherently safe so that the legally prescribed maximum permissible radiation values can never be exceeded.

Caution: Using any equipment or devices other than those described and specified in these operating instructions, or tampering with the unit in any way, can result in dangerous exposure to radiation.

**CLASS 1
LASER PRODUCT**

MP3 / WMA CD Mode

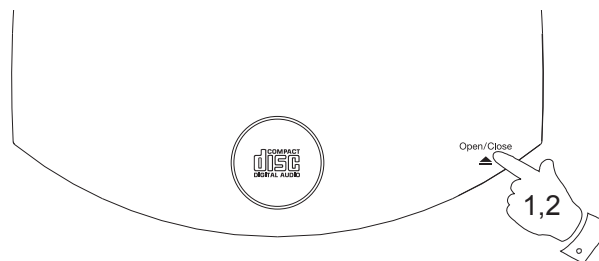
The ZoomBox 2 is able to play CD-R and CD-RW discs containing MP3 / WMA files.

In MP3 / WMA mode the terms "album" and "file" are very important. "Album" typically corresponds to a folder on a PC, "File" to a PC or a CD-DA track. The device reads MP3 or WMA files with a maximum of 255 files per album or folder. An MP3 / WMA CD may not contain more than a combined total of 999 files and folders. MP3 and WMA files must be created with an audio sample rate of 44.1kHz (this is normal for files created from CD audio content). Folders may be nested but to a maximum of 8 levels. Folder and file names should be less than 30 characters (longer names are possible but reduce the above maximum limits). ID3 tags for title / artist / album should be less than 30 characters (longer tags are possible, but are truncated when displayed). Within any one folder, files or folders written earlier will have higher priority than those written later. Within any one folder, files have higher priority than nested folders. The priority of folders when playing is based on the level in the directory tree. The higher level the higher priority.

When burning CD-R and CD-RW discs with audio files, various problems may arise which could lead to interference in playback. This can be caused by faulty software or hardware settings or by the CD being used. Should such problems arise, contact the customer services of your CD burner or software manufacturer or look for relevant information, for example on the internet. When you are making audio CDs, observe all legal guidelines and ensure that the copyright of third parties is not infringed.

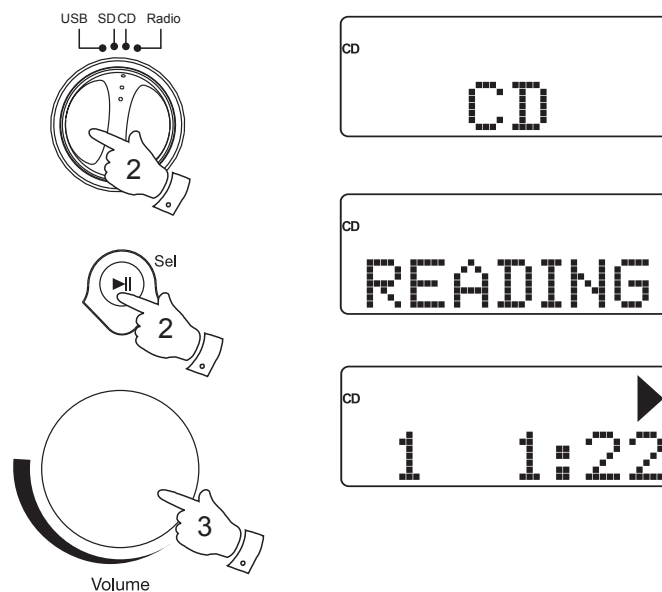
Inserting a CD

1. To open the CD compartment, press and release the **OPEN/CLOSE** button on the top panel, right hand front corner.
2. Put the CD on the spindle, print side facing upwards until it clicks into place and then gently close the CD compartment by pushing the **OPEN/CLOSE** button on the top panel, right hand front corner.



Playing a CD

1. Rotate the **Function** switch to the 'CD' position.
The CD player will scan the contents of the CD, "READING" will appear on the display.
Audio CD: the total number of tracks and total playing time will then be displayed.
MP3 / WMA CD: The total number of files and folders will then be displayed.
2. Press the **Play/Pause** button to start playback. The CD player will also show the first track number and the play symbol ►.
Audio CD: The current track number and elapsed playing time.
MP3 / WMA CD: The current file number for 3 seconds, before changing to show the file name, ID3 tag and the elapsed playing time.
3. Adjust the **Volume** to the required settings.



- To pause playback press the **Play/Pause** button, the pause symbol **||** will appear on the display.

Audio CD: The current track number and the elapsed playing time will be shown on the display.

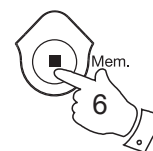
MP3 / WMA CD: The file name with ID3 tag scrolls, the elapsed playing time will be shown on the display.

- To continue playback press the **Play/Pause** button again.
- To stop playback, press the **Stop** button.

To take out the CD, push the **OPEN/CLOSE** button on the top panel, right hand front corner of the device.

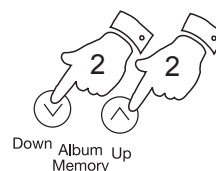
Note: The CD door should only be opened when the CD is in stop mode.

Note: If the unit is in the CD stop mode position for more than 15 minutes it will automatically switch to the standby mode. The operation indicator and the LCD will go off in such a case. To use the unit again switch on the unit.



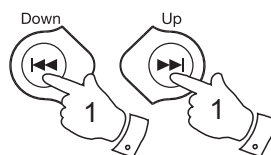
Selecting a track

- Audio CD: While the CD is playing, press either the **Fastforward or Rewind** buttons to change the desired track. You can also skip to a wanted track when the player is in stop mode. Press the **Play/Pause** button to play the selected track.
- MP3 / WMA CD: While the CD is playing, press either the **Album/ Memory Up or Down** buttons to change to the desired album/folder, then press either the **Tuning Up or Down** buttons to change to the desired track. You can also skip albums or tracks when the player is in stop mode. Press the **Play/Pause** button to play the selected track.



Search function

1. While the CD is playing, press and hold down either the **Tuning Up** or **Down** buttons. Release the button when the desired part of the track is reached.



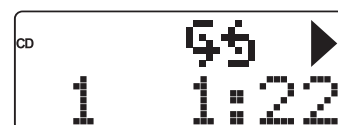
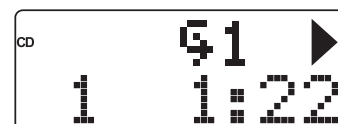
CD repeat mode

1. Whilst the CD is playing press the **Mode** button.

Audio CD: Repeat 1 **1**, → Repeat ALL **5**, → Random **RAN**
→ Normal Play

MP3 / WMA: Repeat 1 **1**, → Repeat Album/Folder **5**,
→ Repeat ALL **5**, → Random **RAN** → Normal Play

The display will show the currently selected repeat mode.



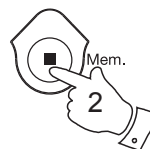
CD Random play

1. Whilst the CD is playing, repeatedly press the **Mode** button to play all tracks on the CD in random order. 'RAN' will appear on the display. The tracks are played in random order until all tracks have been played.
2. Press the **Mode** button again to return to normal play. 'RAN' disappears from the display.



CD Intro mode

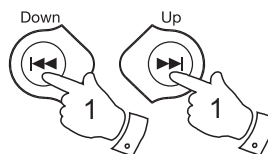
1. When in the stop mode, press the **Mode** button twice to play the first 10 seconds intro of all the tracks on the disc. 'INTRO' appears on the display.
2. To cancel intro, press the **Stop** button.



Creating a play list (Programme Play - CD, SD and USB)

By programming the player you can play up to 60 tracks in any desired order.

1. While the CD is in Stop mode, press and release the **Mode** button. The display will show 'P-01'.
CDDA: Select the first track using the **Fastforward** or **Rewind** buttons. "MEM" will flash on the display. To store the track press and release the **Mode** button.
2. Repeat the above steps until you have completed your programme.
3. Press the **Play/Pause** button to commence play of selected tracks.



Checking and Editing a programme

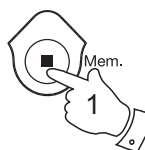
Whilst the CD is in stop mode, you can check and edit the programme.

1. Press and release the **Mode** button. The display will show the playlist that you have already programmed.
2. You can edit the playlist. When the desired track that you want to edit is reached, follow the procedure for creating a playlist page above.



Erasing a programme

1. Press the **Stop** button as needed to erase the program. Programmes are also erased by switching to off, radio, SD or USB mode.



SD / USB mode

This section describes how to use your radio to access and playback your audio files via Secure Digital (SD, SDHC) cards and USB memory devices.

The ZoomBox 2 has been tested with a range of SD cards up to 2GB and SDHC cards and USB memory devices up to 32GB. However there are many different card variants available and not all cards can be guaranteed to work in the ZoomBox 2. Memory must use the FAT or FAT 32 filing system in order to operate in the ZoomBox 2.

Important: *Your radio is designed to work with USB flash memory devices. It is not intended to be connected to hard disk drives or any other type of USB device.*

Audio formats supported for playback are MP3 and WMA. Playback does not support files encoded using WMA lossless, WMA voice, WMA 10 professional, nor files of any format which have DRM protection.

The SD slot is located at the front of the unit and the USB socket is located on the right hand side of the radio.

Inserting and removing a card

To insert an SD card into your ZoomBox 2, push the card label side upwards and gold contacts first into the SD card slot on the front of your CD player until it clicks.

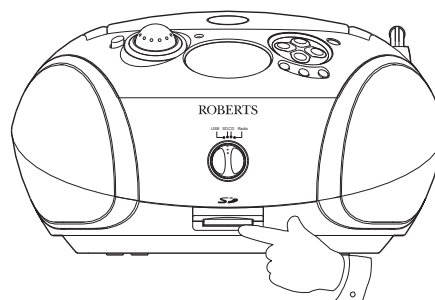
To remove the card, push the card in slightly and it will pop out allowing removal.

Cautions

In order to minimise the risk of damage to your radio, SD card or USB memory device, please place the unit so that the device cannot be easily knocked while it is inserted in the socket.

Remove the SD card or USB memory device before carrying the unit or if not using the SD/USB feature for a prolonged period.

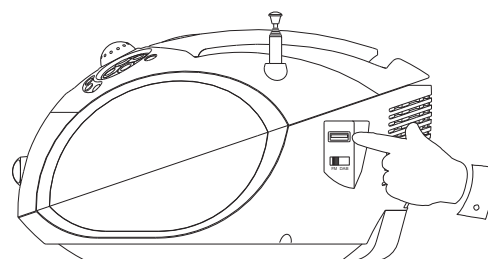
Switch the unit off before removing your SD card or USB memory device.



SD / USB mode cont.

Inserting and removing a USB memory device

Carefully insert a USB memory device into the USB socket. To remove the USB memory device simply pull the device out.



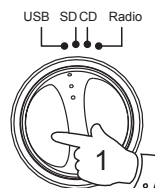
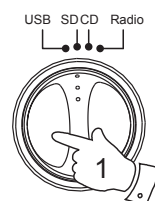
Selecting SD/USB mode

1. To select the SD/USB mode slide the **Function** switch to 'SD' or 'USB' position.

Note: Playback control in SD/USB mode is similar to CD-MP3/WMA mode (see pages 21-25). MP3 and WMA files are played back in the order that they are written to the SD/USB memory device by your computer except when random mode is used.

Note: The SD card / USB memory device should not be removed during playback as damage or corruption of files may occur.

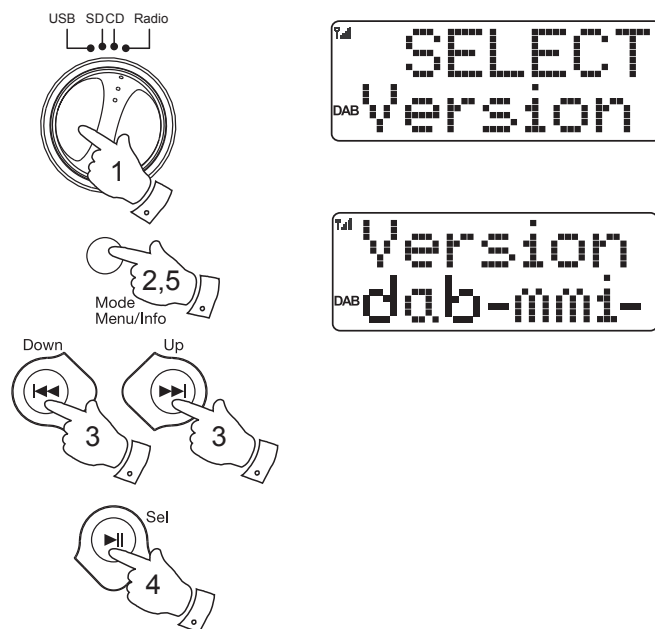
Note: If the unit is in the SD or USB stop mode position for more than 15 minutes it will automatically switch to the standby mode. The operation indicator and the LCD will go off in such a case. To use the unit again switch on the unit.



Software version

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

1. To view which software version your ZoomBox 2 has, ensure your CD player is in 'Radio' mode.
2. Press and hold the **Menu** button to enter the DAB or FM menu setup and then release the **Menu** button.
3. Press the **Tuning Up** or **Down** buttons until 'Version' appears on the display.
4. Press and release the **Select** button. The version number will show on the display.
5. Press and hold the **Menu** button to exit the menu.



Deep Bass Boost

1. Press the **Deep Bass Boost** button to enhance bass sounds.
2. Press the **Deep Bass Boost** button again to return to normal sound.



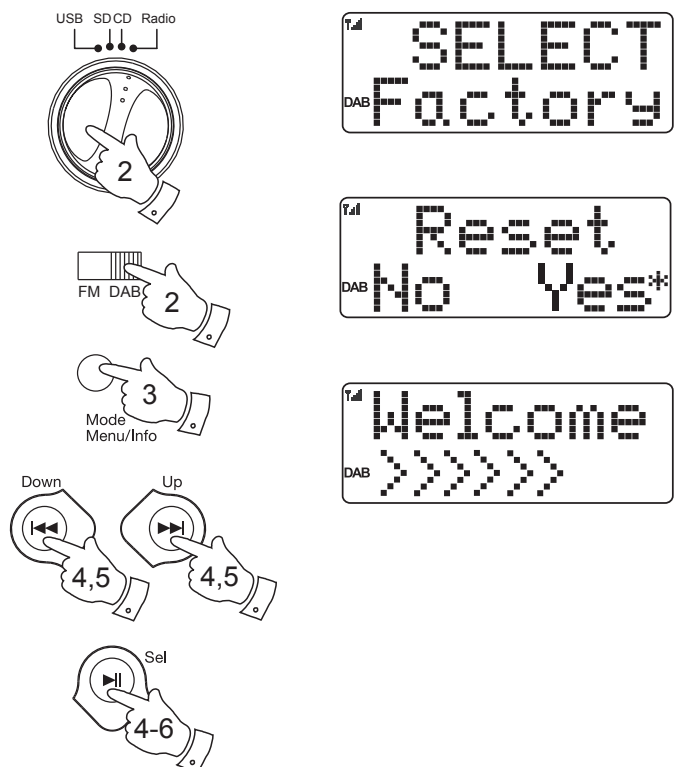
System Reset

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

1. Press and release the **On/Off** button to switch the CD player on.
2. Rotate the **Function** switch to the 'Radio' position and then slide the **FM / DAB** switch to the 'DAB' position.
3. Press and hold the **Menu** button to enter the DAB menu and then release the **Menu** button.
4. Press the **Tuning Up** or **Down** buttons until the display shows 'SELECT Factory'. Press and release the **Select** button.
5. Press the **Tuning Up** or **Down** buttons until 'Yes' is highlighted on the display with an asterisk.
If you do not wish to carry out a system reset, highlight 'No' and then press and release the **Select** button. The display will revert to the previous display.
6. With 'Yes' selected, press and release the **Select** button. The display will show 'Welcome' and after a few seconds a station scan search will be performed automatically. A full reset will be performed and the station list together with any preset stations will be erased.

In case of malfunction for any reason, just reset the product to resume normal operation. It may be necessary in some cases to disconnect the mains power and remove batteries, then reconnect after 10 seconds.

In case of malfunction due to electrical fast transient (Burst), just reset the product (reconnect of power source may be required) to resume normal operation.

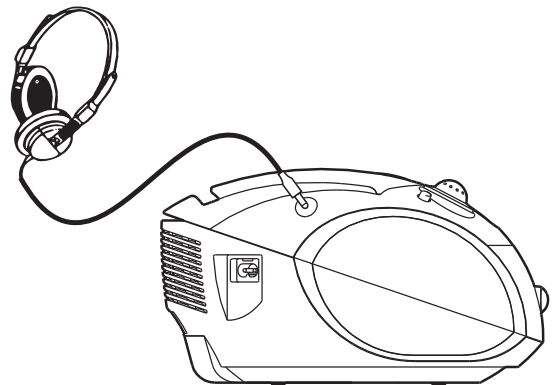


Headphone socket

A 3.5mm **Headphone Socket** located on the left hand side of your radio is provided for use with headphones. 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.



USB socket for software upgrade

In the event that any software update is made available for your clock radio, information on how to update your clock radio will be made available via our website at <http://www.robertsradio.co.uk>

Mains supply

The ZoomBox 2 will operate from a supply of AC 230 volts, 50Hz \sim only.

DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or adaptor. If in doubt consult your dealer.

If nonetheless the mains plug is cut off, remove the fuse and dispose of the plug immediately to avoid a possible shock hazard by inadvertent connection to the mains supply.

If this product is not supplied with a mains plug, or one has to be fitted, then follow the instructions given below:

IMPORTANT. DO NOT make any connection to the larger terminal which is marked with the letter E or by the safety earth symbol \equiv or coloured Green or Green-and-yellow.

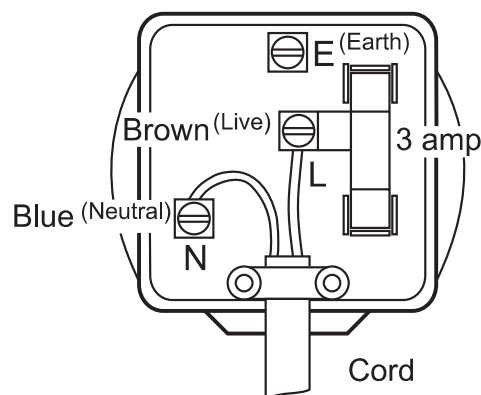
The wires in the mains lead are coloured in accordance with the following codes :-

BLUE - NEUTRAL

BROWN - LIVE

The wire coloured BLUE must be connected to the terminal marked N or coloured BLACK.

The wire coloured BROWN must be connected to the terminal marked L or coloured RED.



Fuse

When replacing the fuse only a 3A ASTA approved to BS1362 type should be used and be sure to re-fit the fuse cover.

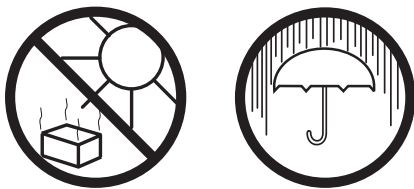
IF IN DOUBT - CONSULT A QUALIFIED ELECTRICIAN.

Replacement fuse holders are available from Roberts Radio Technical Services at the address shown on the rear of this manual.

General

Do not allow this CD player to be exposed to water, steam or sand. Do not leave your CD player where excessive heat could cause damage. 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 underside of your CD player.



- 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 230 volts, 50Hz  only
Battery	6 x LR14 (C size)

Battery life 25 - 35 hours depending on operating mode.

Frequency Coverage

FM	87.5-108MHz
DAB	174.928 - 239.200MHz

Circuit features

Loudspeaker	2 x 76 mm 8 ohms		
Power output	2 x 1 Watt		
Headphone socket	3.5mm dia		
Aerial System	FM	Telescopic aerial	
	DAB	Telescopic 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.

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 overleaf.

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)

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

