

BUSH

Instruction Manual

CCR231DAB



Introduction

Contents

CCR231DAB Instruction manual

Congratulations on purchasing the CCR231DAB.

We trust that this product will give you hours of listening pleasure, and provide years of unparalleled performance. As with any new electrical product please be patient and allow 36 hours of use before all components have acclimatized themselves with your surroundings and found their optimum working temperature.

Page 1

Introduction
Care & maintenance

Page 2

What is DAB

Page 3

Safety instructions
Mains adapter information

Page 4

Controls & Functions

Page 5

Battery installation
Getting started

Page 6-7

DAB operation

Page 8-9

FM operation

Page 9-11

General operation

Time & Date
Alarm setup
Snooze mode
Sleep timer
Factory reset
Backlight
Earphones

Page 12

Troubleshooting
Specifications
Contact details

Page 13

Guarantee

Care & maintenance



Important: Always unplug the appliance from the power socket during cleaning and maintenance.

- Ensure the unit is switched off and unplugged from any electrical outlet
- Wipe the case with a slightly moist lint free cloth
- Do not use any cleaning fluids containing alcohol, ammonia or abrasives
- Do not spray an aerosol at or near the object
- Do not allow liquids to spill or objects to drop into any openings
- Do not insert sharp items into speaker grills or any other openings
- Always use the original packaging if it is necessary to transport the unit at any time

If the unit is used in a dusty environment, it may be necessary to have the unit serviced at your local dealer periodically. It is not advisable to allow large deposits of dust to accumulate within the unit as it may prevent adequate cooling. Similarly dust deposits which become damp can sometimes lead to electrical problems which may cause severe damage to the delicate electronics within this unit.

What is DAB?

DAB radio will change the way that people listen to radio over the next few years. You will probably not be aware that digital radio will become mandatory in the future as the terrestrial radio frequencies which you currently listen to will be re allocated for other uses such as emergency services. This means that today you are one of the pioneers using this technology, however in a short space of time everybody will benefit from clear digital radio.

Digital radio offers an abundance of new digital only stations and improved sound quality. There are no frequencies to remember so the CCR231DAB can be tuned by searching through station names. The audio quality of DAB is near that of a CD with virtually no interference and no retuning. DAB is also enhanced with DLS (Digital Label Segment), this is data transmitted by the station which may include information about the station, program or song (see page 9).

The BBC was the pioneer of digital radio, beginning transmissions in September 1995. Digital One, the national commercial radio multiplex operator, began broadcasting in November 1999. There has been a growth in the number of digital radio stations throughout the UK and both the BBC and Digital One are committed to extending their coverage. Digital One currently covers 80% of the UK population, soon to increase to 85%, and the BBC covers 65% with the aim of increasing coverage to 90%

Your CCR231DAB will receive DAB programs broadcast on Band 3 digital radio (174-240MHz). There are a total of 41 channels within this range numbered 5A to 13F, the number of channels you can receive will be dependant on your location and signal strength. The UK has been allocated seven multiplexes by the Radio Authority - in the spectrum 217.5-230.0 MHz, which are numbered 11B to 12D.

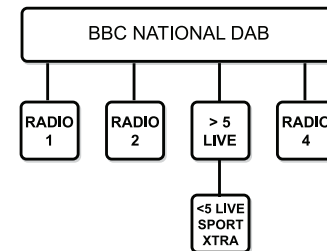
A multiplex is a broadcaster such as BBC National DAB or Digital One who will provide a host of different stations within their multiplex. If we consider the BBC as an example, the following diagram shows how the BBC multiplex may work.

Below the main multiplex provider (in this case 'BBC National DAB') will be a number of primary stations. These are labelled with the station name (e.g Radio 2) rather than the frequency. This allows you to tune the CCR231DAB by station name, which is easier than trying to recall frequencies.

Sometimes a secondary service station may be provided by the broadcaster, for instance this is sometimes used when an alternative commentary is provided on a sporting match or event. These secondary service stations are not permanent and may not always be used for broadcast. When a secondary station is available below the primary station, a '>' symbol will be displayed after the primary station name. A secondary station can be recognised by the '<' symbol before the secondary station name .

Check how many stations you can get in your area by texting DAB and your postcode to 88600#, or find out which stations are available on the website at:

www.getdigitalradio.com



Safety Information

Important – Please read these instructions fully before installation

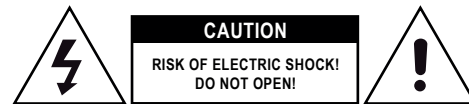
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE ANY COVER. NO USER-SERVICEABLE PARTS INSIDE, REFER ANY SERVICING TO QUALIFIED SERVICE PERSONNEL.

- Please read this owner's guide
- Please take the time to follow the instructions in this owner's guide carefully. It will help you set up and operate your system properly and enjoy all of its advanced features.
- Please save this owner's guide for future reference.
- The product label is located on the back of the product.
- This product must be used indoors. It is neither designed nor tested for use outdoors, in recreation vehicles, or on boats.
- Heed all warnings - on the product and in the owner's guide.
- Do not use this apparatus near water or moisture.
Do not use this product near a bathtub, washbowl, kitchen sink, and laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture is present.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time - to prevent damage to this product.
- Refer all servicing to qualified service personnel
- Servicing is required when the apparatus has been damaged in any way: such as liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped -
Do not attempt to service this product yourself.
Opening or removing covers may expose you to dangerous voltages or other hazards.
- To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.

- Use proper power sources - Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily accessible

Mains adapter information

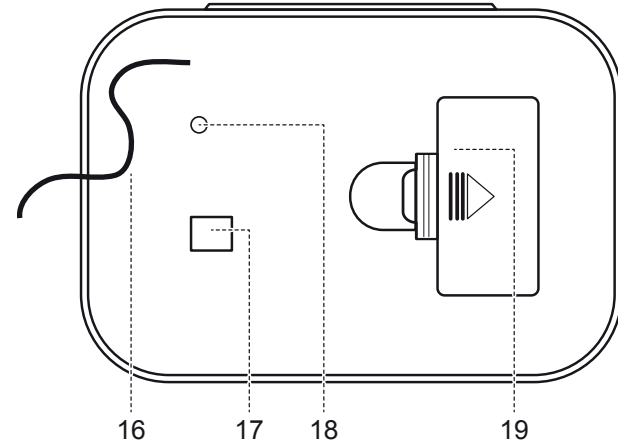
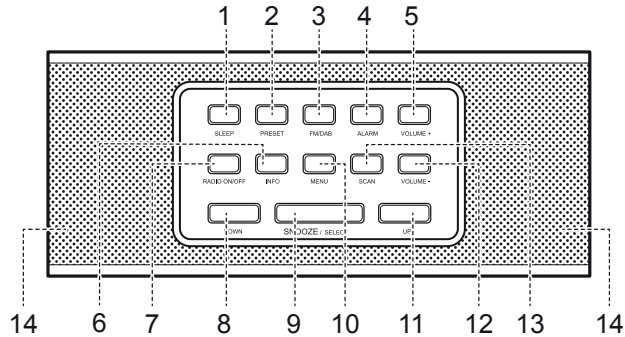
- Ensure the mains adaptor supplied is not submerged in liquid
- Ensure the mains adaptor is not forced into incorrect mains outlet sockets
- Do not allow the power cable to become snagged or damaged
- Disconnect the mains power supply if bare wires are visible and replace the mains adaptor accordingly
- Do not overload mains outlet sockets with multiple plugs or power adaptors
- Do not insert foreign objects (especially metal) into the DC plug at the end of the power cable



This symbol means that this unit is double insulated. An earth connection is not required.

Functions & controls

Controls & functions



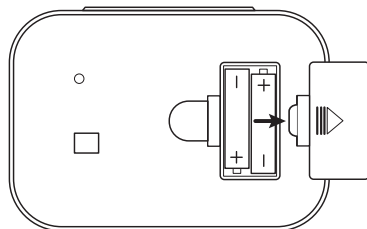
- 1. SLEEP button
- 2. PRESET button
- 3. FM/DAB button
- 4. ALARM button
- 5. VOLUME+ button
- 6. INFO button
- 7. RADIO ON/OFF button
- 8. ▼ DOWN button
- 9. SNOOZE/SELECT button
- 10. MENU button
- 11. ▲ UP button
- 12. VOLUME- button
- 13. SCAN button
- 14. SPEAKERS
- 15. LCD display
- 16. ANTENNA
- 17. DC power input
- 18. EARPHONE output
- 19. Battery cover

User instructions

Battery installation

Fitting batteries (Clock backup)

1. Push the battery cover (19) clip towards the direction indicated, and remove the cover.
2. Fit 2 x AAA batteries in the sequence shown, observing polarity.
3. Refit the battery cover.



Getting started

Switching on for the first time

1. Mains Adaptor (supplied with the package)

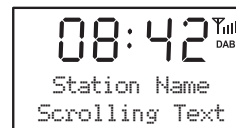
Connect the mains adaptor plug to the DC power input (17) on the rear of the unit. Connect the mains adapter plug to a UK mains socket, and switch the power ON.

2. Extend the antenna as far as it can go.
3. The radio will automatically tune and operate the quick scan.



During scan mode, the LCD will display a slide bar that indicates the progress of the scan, and the amount of radio stations that have been found so far. Once the scan has finished, the radio will select the first alphanumeric station.

Getting started



NOTE: The name of the DAB radio station will be displayed on the middle section of the display. The associated scrolling text on the bottom section.

Powering the radio ON/OFF

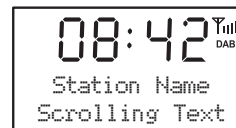
To switch the radio off and display only the clock press the **RADIO ON/OFF** button (7). Press again to enable radio playback once more.

Memory function

When you power up the radio (after use), the radio plays the same mode (**DAB** or **FM**) as the last operation.

Volume

1. To increase the volume level press the **VOLUME+** button (5) repeatedly or press and hold for rapid increase.



2. To decrease the volume level press the **VOLUME-** button (12) repeatedly or press and hold for rapid decrease.

User instructions

DAB operation

Listening to the stored DAB stations

To listen the DAB stations that have been stored press either **UP/DOWN** buttons (8,11) to cycle through the list. Press the **SNOOZE/SELECT** button (9) to tune to the selected station.

Storing preset stations

It is possible to store up to 10 of your favorite stations to the preset keys.

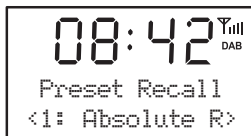
1. Press and hold the **PRESET** button (2) for 2 seconds. The display will then show the following.
2. Use the **UP/DOWN** buttons (8,11) to select the preset number from 1-10 you wish to use. Then press the **SNOOZE/SELECT** button (9) to store.
3. When stored the display will show 'Preset _ Stored', where '_' is the preset location number.



Recalling preset stations

Once you have saved stations to the preset buttons, you can recall them at any time.

1. Press the **PRESET** button once. The display will then show the following.
2. Then use the **UP/DOWN** buttons (8,11) to select the desired preset station.
3. Press the **SNOZE/SELECT** button (9) to activate.

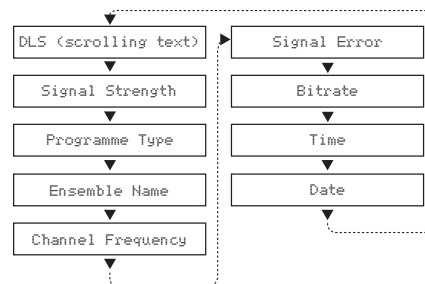


NOTE: If you choose a preset that hasn't been allocated a station, then "<Empty>" will be displayed.

DAB operation

Display modes

Every time you press the **"INFO"** button (6), the display will cycle through the following display modes: *The information is displayed on the lower segment of the LCD display.*



DLS (Dynamic Label Segment)

Dynamic label segment is a scrolling message that the broadcaster may include with their transmissions. This message usually includes information, such as program detail etc.

Signal strength

This option will display a bar with the current signal strength indicated with a larger reversed out block.

Program type

This describes the **"Style"** or **"genre"** of music that is being broadcast e.g. **"Rock"** or **"Classical"**.

Ensemble/Multiplex (Group name)

A multiplex/ensemble is a collection of radio stations that are bundled and transmitted on one frequency. There are national and local multiplexes.

Local ones contain stations that are specific to that area e.g. MXR West.

NOTE: DAB – unlike normal radio, groups together several radio stations and transmits them on one frequency.

User instructions

DAB operation

Channel Frequency

Displays the current DAB multiplex in use.

Signal error

Displays the amount of errors encountered in numerical format.

Bitrate

Displays the bitrate of the current station.

Time & Date

The time & date can be set automatically from the DAB or FM broadcast or set manually. *Follow the steps on page 9 to set manually.*

Scan modes

There are two types of scan, one is **Quick scan** and the other is **Auto scan**.

Quick scan: searches the UK DAB band III

Full scan: searches all DAB channels.

1. To activate the quick scan press the **SCAN** button (13).
2. To perform a **FULL SCAN**, press the **MENU** button (10).
3. When the **<Full Scan>** option appears press the **SNOOZE/SELECT** button (9) to perform a full scan.

Manual Tuning

As well as an auto tune function, you can manually tune the receiver. This can help when aligning your aerial or when adding stations that were missed while auto tuning.

1. Press the **MENU** button (10).
2. When the **<Full Scan>** option appears press either **UP** or **DOWN** button (8,11) and find **<Manual Tune>**, press the **SNOOZE/SELECT** button (9).
3. Use the **UP** or **DOWN** buttons to cycle through the DAB multiplexes, which are numbered from **5A** to **13F**.

DAB operation

4. Now press the **SNOOZE/SELECT** button (9) to enter the current ensemble/multiplex, the top line will now display the multiplex information.
5. To save any extra stations located to the station list or to return to the default screen, press the **SNOOZE/SELECT** button (9).

Pruning

When the radio has performed a Scan in several locations you may find there are stored stations that you can no longer receive. This function automatically removes them from the stored station list.

1. Press the **MENU** button (10).
2. When the **<Full Scan>** option appears press either **UP** or **DOWN** button (8,11) and find **<Prune>**, press the **SNOOZE/SELECT** button (9).
3. Use the **UP** or **DOWN** buttons to select **YES** or **NO** and press the **SNOOZE/SELECT** button (9) to perform the prune function.

DRC (Dynamic Range Control)

This function causes the radio to reduce the dynamic range of the audio signal. The purpose of this is to adapt the dynamic range of the audio signal to listening in a noisy environment.

NOTE: this is not available on many DAB stations.

1. Press the **MENU** button (10).
2. When the **<Full Scan>** option appears press either **UP** or **DOWN** button (8,11) and find **<DRC>**, press the **SNOOZE/SELECT** button (9).
3. Use the **UP** or **DOWN** buttons to select between **DRC off**, **DRC Low** and **DRC High**.
4. Press **SNOOZE/SELECT** button (9) to save the setting.

User instructions

FM operation

Switching from DAB to FM

Press the **FM/DAB** button once to switch. The display will show **FM Mode**.

Scan Modes

Auto Scan

The Auto scan setting will scan up or down depending on where the starting frequency is. Once it finds a station it will stop. There are two options to consider when using this function.

NOTE: Ensure you are in the FM mode before following the below steps.

1. Press the **MENU** button (10).
2. When the **<Scan Setting>** option appears press the **SNOOZE/SELECT** button (9).
3. You now have the choice of either **<Strong Stations Only>** or **<All Stations>**. Strong stations only, will only stop at stations with a strong signal. All stations will stop at any station found with a strong or weak signal.
4. Use the **UP** or **DOWN** buttons to select an option and press the **SNOOZE/SELECT** button (9) to store.
5. Wait for 1 second for the display to return to the default screen, now press the **SCAN** button (13). The auto scan searches for stations, depending on the setting you chose.

Manual tuning (scan)

To manually tune a station follow the below steps

1. Press and hold either **UP** or **DOWN** buttons (8,11) to scan up or down the frequency range. When a station is found the scan will stop and the detected station will begin playback. Repeat until you reach the required frequency (station).
2. To fine tune the frequency you can press either **UP** or **DOWN** buttons (8,11) to advance in 0.05MHz increments.

FM operation

Audio Mode (Stereo/Mono)

This option will allow you to specify that a station can be only played in mono or that stereo is allowed.

1. Press the **MENU** button (10).
2. When the **<Scan Setting>** option appears press either **UP** or **DOWN** (8,11) and find **<Audio Setting>**, press the **SNOOZE/SELECT** button (9).
3. Use the **UP** or **DOWN** (8,11) buttons to cycle through the 2 options **<Forced Mono>** or **<Stereo Allowed>**. Press **SNOOZE/SELECT** button (9) to save the setting.

Stereo allowed: Means any station broadcast in stereo with a strong enough signal will be played in stereo.

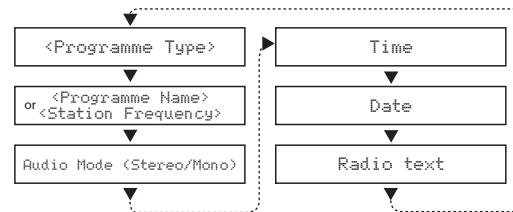
Forced Mono: Plays ALL stations in mono regardless of the availability of a stereo signal.

Storing & recalling stored stations

The procedure for storing & recalling stations is the same as DAB, See pg 6.

Display modes

Every time you press the **INFO** button, the display will cycle through the following display modes: *The information is displayed on the lower segment of the LCD display.*



User instructions

FM operation

Program type

This describes the “**Style**” or “**genre**” of music that is being broadcast e.g. “**Rock**” or “**Classical**”.

Programme Name

Station name (if broadcast). Frequency of the station is displayed if no name is broadcast.

Time

Displays the current time. Please see below for setting.

Date

Displays the current date. Please see below for setting.

Radio Text

Displays scrolling text broadcast by the station (only if broadcast).

General operation

Time & Date

The time & date can be set automatically from the DAB or FM broadcast or set manually. Follow the steps below to set manually.

1. Press the **MENU** button (10).
2. When the **<Full Scan>** option appears (DAB mode) or **<Scan Setting>** (FM mode), press either **UP** or **DOWN** (8,11), locate **<System>** and press the **SNOOZE/SELECT** button (9).
3. Use the **UP** or **DOWN** (8,11) buttons to find **<Time>** and press the **SNOOZE/SELECT** button (9).
4. Inside the **<Time>** menu there are several options **<Set Time/Date>**, **<Auto Update>**, **<Set 12/24 Hour>** & **<Set Date Format>**.

Set Time/Date

1. When activated the Hour digit flashes, use the **UP** or **DOWN** buttons (8,11) to set the digit to the correct hour then press **SNOOZE/SELECT** button (9), Repeat the process for the minutes pressing **SNOOZE/SELECT** to advance.

General operation

2. The next setting is the Date. Use the same process as step 1 using the **UP/DOWN** buttons to select the correct digits and the **SNOOZE/SELECT** button (9) to store and advance.
3. When complete the display will show ‘**Time Saved**’ and return to the default screen.

Set 12/24 Hour Use the **UP** or **DOWN** buttons (8,11) to select **12** or **24** hour and then press the **SNOOZE/SELECT** button (9) to activate.

Auto Update Use the **UP** or **DOWN** buttons (8,11) to cycle through the various options for auto setting the time & date. These range from **<Update from any>**, **<Update from DAB>**, **<Update from FM>** and **<No Update>**. Press the **SNOOZE/SELECT** button (9) to store the setting.

Set Date Format Use the **UP** or **DOWN** buttons (8,11) to cycle between **DD-MM-YYYY** or **MM-DD-YYYY**. Press the **SNOOZE/SELECT** button (9) to store the setting.

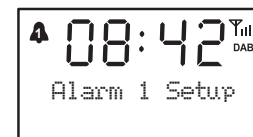
NOTE: When the power is disconnected the settings will be lost.

Alarm Setup

Follow the below instructions to set both alarms.

NOTE: The radio must be **ON** in order to program an alarm.

1. Press the **ALARM** button (4) repeatedly to cycle between **Alarm 1 Setup** and **Alarm 2 Setup**.
2. Press the **SNOOZE/SELECT** button (9) when the alarm setup you wish to program is selected EG: 1 or 2. This will activate the Alarm wizard.

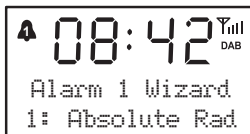


User instructions

General operation

- Use the **UP** or **DOWN** buttons (8,11) to set the On time Hour digit, then press the **SNOOZE/SELECT** button (9) to skip to the minute digits. Repeat the process using the **UP** or **DOWN** buttons, and press the **SNOOZE/SELECT** button to proceed to the source option.
- Using the **UP** or **DOWN** buttons (8,11) cycle between **BUZZER**, **DAB** or **FM**. Use the **SNOOZE/SELECT** button to save the setting.

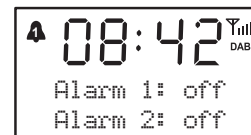
*If you choose DAB or FM the next step is to choose the station you want to play when the alarm sounds. There is a choice of **Last station listened to**, or a **preset station** (if any stored). Use the **UP** or **DOWN** (8,11) buttons to select an option and press the **SNOOZE/SELECT** button to proceed.*



- Next is the option to have the alarm activate only **DAILY**, **ONCE**, **WEEKENDS** or **WEEKDAYS**. Select which you require using the **UP** or **DOWN** buttons (8,11). Press the **SNOOZE/SELECT** button to store the setting.
- The next step is to set the volume level required. Use the **UP / DOWN** buttons (8,11) to set and press the **SNOOZE/SELECT** button to save the alarm settings.
- Use the **UP / DOWN** buttons (8,11) to select the Alarm status **ON** or **OFF**. Press the **SNOOZE/SELECT** button to proceed. **Alarm Saved** will appear on the display to indicate the alarm status has been saved.
- To silence the alarm when sounding press the **ALARM** button (4). The alarm will sound for one hour, without pressing the **ALARM** button.
- To disable the alarm, press the **ALARM** button (4) during radio playback, the **Alarm 1 Setup** screen appears on the display. If you wish to disable **'Alarm 2'**, press the **ALARM** button once more to display **'Alarm 2 Setup'**. Use the **UP / DOWN** buttons (8,11) to cycle between **'Alarm On'** or **'Alarm Off'**. Press the **SNOOZE/SELECT** button (9) to store the setting.


General operation

- You can also disable the alarm while the radio is **OFF**. Press the **ALARM** button (4) to display this screen.



Use the **UP / DOWN** buttons (8,11) or **ALARM** to toggle between **ON & OFF** for each alarm.

Press the **SNOOZE/SELECT** button to store the setting.

NOTE: Alarm icons  will display '1' or '2' inside the icon to denote which alarm is active.

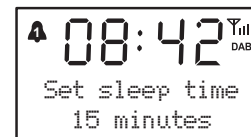
Snooze Mode

When the alarm sounds you can press the **SNOOZE/SELECT** button to activate the **SNOOZE** mode and delay the alarm for **5** minutes.

Sleep Timer

When listening to the radio you can preset a period of time for the radio to shut down.

NOTE: The radio must be **ON** already.



Press the **SLEEP** button (1) repeatedly to cycle through the sleep timer options **15-90** minutes.

The next press will disable the sleep timer **'Sleep Off'**.

Factory Reset

To reset the radio to the factory settings follow the below steps.

- Press the **MENU** button (10).
- When the **<Full Scan>** option appears (DAB mode) or **<Scan Setting>** (FM mode), press either **UP** or **DOWN** (8,11), locate **<System>** and press the **SNOOZE/SELECT** button (9).

User instructions

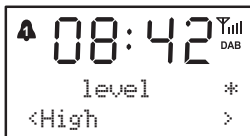
General operation

3. Use the **UP** or **DOWN** (8,11) buttons to find **<Factory Reset>** and press the **SNOOZE/SELECT** button (9).
4. Use the **UP** or **DOWN** (8,11) buttons to select 'Yes' and press the **SNOOZE/SELECT** button (9).
5. The software will return to the default settings and re-scan for DAB stations.

Backlight

To set the backlight time out duration.

1. Press the **MENU** button (10).
2. When the **<Full Scan>** option appears (DAB mode) or **<Scan Setting>** (FM mode), press either **UP** or **DOWN** (8,11), locate **<System>** and press the **SNOOZE/SELECT** button (9).
3. Use the **UP** or **DOWN** (8,11) buttons to find **<Backlight>** and press the **SNOOZE/SELECT** button (9).
4. When you see **<Level>** press the **SNOOZE/SELECT** button (9) once more to proceed to the backlight level options.
5. Using the **UP / DOWN** buttons (8,11) toggle between **<Low>**, **<Medium>** and **<High>**.
When selected press the **SNOOZE/SELECT** button (9) to store the setting.



NOTE: an '*' will appear on the display when the current backlight setting is selected.

General operation

Earphones

You can listen to the radio privately using a pair of headphones with a 3.5mm socket (not provided).

1. Connect the 3.5mm jack into the **EARPHONE** socket (18) on the unit.
2. The audio will be muted and routed through the earphones only.



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

If you hear no sound during playback, do not turn the volume up as the music may suddenly begin at a high volume.

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

To avoid damaging your ears, adjust the volume to the lowest safe level before playing, and turn up to the desired level when playback has started.

User instructions

Troubleshooting

PROBLEM	CAUSE	SOLUTION
No Sound	Volume not turned up	Adjust the main volume.
Static Sound	Signal reception too low.	Adjust the antenna or move the unit to a stronger signal location.
Sound is distorted	Volume is too high.	Adjust the main volume.
Desired station not found	Weak signal	Use the Manual Tune function.
The display shows "SERVICES N/A"	No DAB coverage in your area. Poor reception	 Adjust the position of the antenna.
The display is blank	This may occur if the broadcaster changes the label of a service or removes a label while tuned.	The radio will try to retune. Perform a scan.
I can hear a burbling noise on some stations.	Weak signal	Try re-positioning the aerial

Specification

Power Supply Adaptor:	100-240V to 6V DC 1A
Battery:	2 x 1.5V AAA size
Power consumption:	5 Watts
RF section:	Band III 174.92 - 239.20Mhz
Input:	75R, nominal
Sensitivity:	-99.20dBm Typical
FM frequency:	FM (87.5-108MHz)
Headphone Output:	3.5mm stereo jack socket
Dimensions	145mm x 100mm x 60mm

Contact details

In the unlikely event of difficulties with your appliance please follow the trouble shooting guide to the left. If the problem persists, contact the retailer if the machine is still under guarantee.

Customer helpline: 0870 600 3030



WEEE marking

"Information for the consumer"

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.

Please make yourself aware of the local collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.



This product complies with European low voltage (73/23/EEC) and electromagnetic compatibility (89/336/EEC) directives.



Product Guarantee

This product is guaranteed for twelve months from the date of original purchase.

Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

Guarantor: Argos Limited
489 - 499 Avebury Boulevard
Central Milton Keynes MK9 2NW