

BUSH

Instruction Manual

NE-2059



You'll soon be enjoying your new DAB/FM Radio.

It all begins here, with your instructions. Don't worry, there's nothing too technical coming up. Just simple, step-by-step guidance to get you up and running quickly. Sound good? Then let's get started.

Help and Guidance

We're here to help you get the most from your DAB/FM Digital Radio. Should you require any guidance, a simple solution can often be found online at:

www.bush-support.com

If you still require further assistance, call one of our experts on **0345 604 0105**.

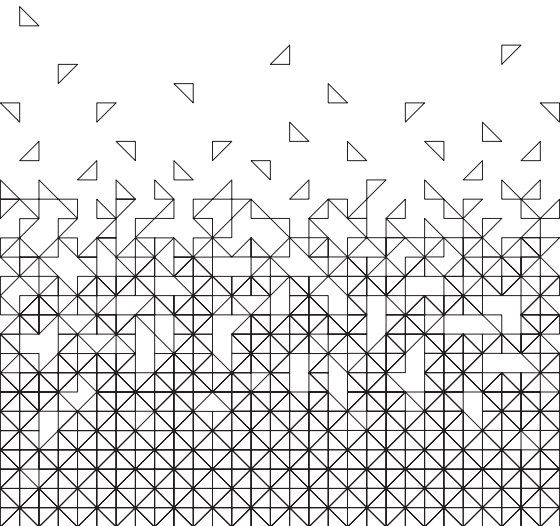
If you require any technical guidance or find that your product is not operating as intended, a simple solution can often be found in the **Troubleshooting**

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section of these instructions, or online at **www.bush-support.com**. If you still require further assistance, call one of our experts on **0345 604 0105**

Safety information 1





Safety information

Important - Please read these instructions fully before installing or operating

SAFETY PRECAUTIONS

- Read all the instructions carefully before using the unit and keep them for future reference.
- Check that the voltage marked on the rating label matches your mains voltage.
- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires. Avoid exposure to direct sunlight and other sources of heat.
- Never place any type of candle or naked flame on the top of or near the unit.
- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.



Safety information

Important - Please read these instructions fully before installing or operating

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space, ensure that a minimum of 10cm should be kept around the apparatus for ventilation.

Safety

- Always disconnect the unit from the mains supply before connecting/disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.
- This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.



Safety information

Important - Please read these instructions fully before installing or operating



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted sound.



Safety information

Important - Please read these instructions fully before installing or operating

Supervision

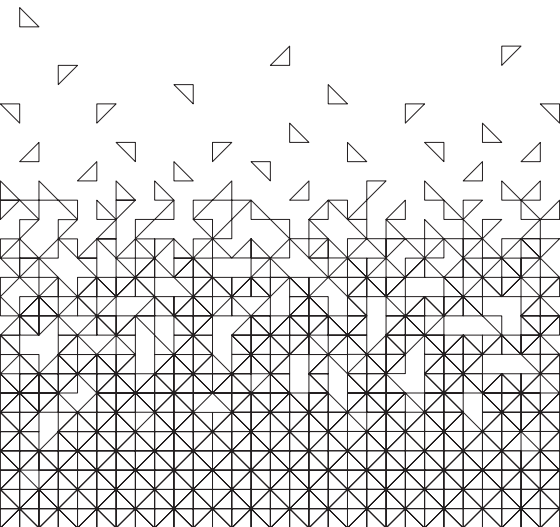
- Children should be supervised to ensure that they do not play with the unit.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

Service/Maintenance

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.
- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.

Getting to know your DAB/FM Digital Radio

2



Getting to know your DAB/FM Radio

You'll be up and running in no time

Ready? Let's begin...

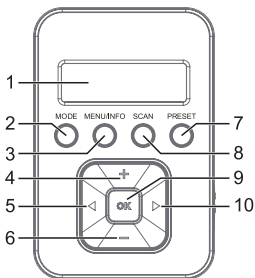
Please read these instructions carefully. They contain important information which will help you get the best from your product and ensure safe and correct installation and operation.

If you require any further assistance, our technical experts are happy to help. For full details, refer to the product support section at the end of these instructions.

Product Overview

1. DISPLAY
2. MODE BUTTON
3. MENU/INFO BUTTON
4. VOL+ BUTTON
5. ◀ BUTTON
6. VOL- BUTTON
7. PRESET BUTTON
8. SCAN BUTTON
9. ENTER BUTTON
10. ▶ BUTTON

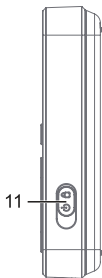
Front view



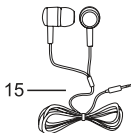
Getting to know your DAB/FM Radio

You'll be up and running in no time

Right view



Bottom view



- 11. POWER/HOLD BUTTON
- 12. HEADPHONE JACK
- 13. DC INPUT JACK
- 14. RESET BUTTON
- 15. Earphones

Getting to know your DAB/FM Radio

You'll be up and running in no time

FIRST CHARGE / RECHARGE THE BATTERY

The unit has a built-in rechargeable Lithium (Li) battery. The battery is charged automatically whenever the unit is connected to a computer or USB charging device with the USB cable (USB charging device & USB cable are not included). When the unit is switched on, the screen display will show a charging symbol to indicate the unit is in charging. The charging symbol will appear full when finished.



- Do not put the unit under high temperature or heat sources.
- During battery operation, if the battery becomes flat, the display will show Battery Low, you should recharge the battery for operation.
- The unit support computer charging and 5V 1A charging device (not included), connecting the unit to any other power source may cause damage the unit.

Getting to know your DAB/FM Radio

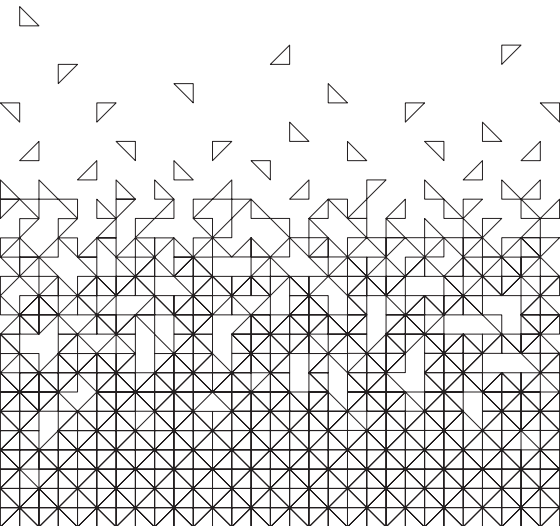
You'll be up and running in no time



- During battery operation, the **POWER** button will work as a POWER ON/OFF button. The display will be totally off when the radio is powered off. The display backlight will be full brightness after radio power on, and it will turn to dim after a few seconds.
- It takes 3 hours (approx.) to fully charge the battery.
- A fully charged unit has up to 10 hours (approx.) of playback time at 1/2 volume level.

Using your DAB/FM Radio

3



Using your DAB/FM Radio

Let's get started

POWER SOURCE

Mains Power

1. Connect the unit to a micro USB power adapter (not included) using a micro USB cable (not included).
2. Unwind the micro USB cable to its full length.
3. Connect the end of the micro USB cable to the DC IN Socket at the bottom of the unit and then connect the micro USB adapter to the mains socket. Make sure the micro USB adapter is firmly inserted into the main socket. The unit is now ready to use.
4. To switch the unit off completely, unplug the mains plug from the mains socket.



The unit use 5V 1A micro USB power adapter, connecting the unit to any other power source may cause damage the unit.

Using your DAB/FM Radio

Let's get started

Battery Power

1. Connect the micro USB cable to the DC IN socket on the unit. Connect the micro USB power adapter to the mains socket.
2. Battery will automatically start charging.
3. To check the charged capacity, switch on the unit and press the **MENU/INFO** button repeatedly in ON mode until the display shows <charging #>.
4. Remove the micro USB cable when the battery is fully charged.



- When the radio is connected to the mains and in use, the battery will be recharged but at a much slower rate.
- Do not disconnect the mains power adapter during charging.
- Do not put the unit near high temperature or heat sources.
- During battery operation, if the battery becomes flat, the display will show Battery Low, you should change to AC operation and recharge the battery.

Using your DAB/FM Radio

Let's get started



- During battery operation, the **POWER/HOLD** button will work as a POWER ON/OFF button. The display will be totally off when the radio is powered off. The display backlight will be at full brightness after radio power on, and it will dim after a few seconds.
- It takes 4 hours (approx.) to fully charge the battery.
- A fully charged unit has up to 10 hours (approx.) of playback time at 1/2 volume level.

BASIC OPERATION

Powering ON/OFF

After connecting the micro USB adapter to the unit and the mains socket, the unit will enter Standby mode.

1. Slide the **POWER/HOLD** button to switch on the unit.
2. Slide the **POWER/HOLD** button again to switch the unit back to Standby mode.
3. Disconnect the power cable of the mains adapter from the mains socket if you want to switch the unit off completely.

Using your DAB/FM Radio

Let's get started

While using battery power,

1. Slide the **POWER/HOLD** button to switch on the unit.
2. Slide the **POWER/HOLD** button again to switch off the unit.



The **POWER/HOLD** Button will revert to centre after every slide. Before switching on the unit, make sure the earphones (aerial) is fully extended and completely inserted into the socket.

Key Lock

1. Slide the **POWER/HOLD** button (upwards), key lock will be activated. Press any buttons, and the display will show "**Keys Locked**".
2. Slide the **POWER/HOLD** button to the middle to unlock the key.

Selecting Modes

Press the **MODE** button repeatedly to switch between modes (**DAB** or **FM**).

Adjusting the Volume

Press the **+** or **-** button to adjust the the volume.

Using your DAB/FM Radio

Let's get started

Automatically Setting the Clock

The clock will be updated automatically if you can receive DAB/FM signal in your location.

In order to synchronise to the current local time, you must leave the unit for a period of time to receive signals from the DAB/FM station.

Setting the Time and Date

1. Switch on the radio, press and hold the **MENU/INFO** button to display the menu.
2. Press the ◀▶ buttons to select <**System**>, and then press the **ENTER** button to confirm. Press the ◀▶ buttons to select <**Time**>, then press the **ENTER** button to confirm.
3. Press the ◀▶ buttons to select the option below:

Set time/date

Press the ◀▶ buttons to adjust the time and date, then press the **ENTER** button to confirm.

Auto update

Press the ◀▶ buttons to select **Update from Any, DAB, FM** or **No Update** then press the **ENTER** button to confirm.

Using your DAB/FM Radio

Let's get started

Set time format

Press the ◀ ▶ buttons to select Set 24 hour or Set 12 hour, then press the **ENTER** button to confirm.

Set date format

Press the ◀ ▶ buttons to select **MM-DD-YYYY** or **DD-MM-YYYY**, then press the **ENTER** button to confirm.

4. Press the **MENU/INFO** button to exit the menu.

DAB OPERATION

When the unit is switched on for the first time, it will automatically enter into DAB mode and perform an auto scan. During the scan the display will show "Scanning..." together with a slide bar that indicates the progress of the scan and the number of stations that have been found so far.

Once the scan has finished, the unit will select the first alphanumerically found station. To explore the found stations, press the ◀ ▶ buttons and then the **ENTER** button to confirm selection.

Using your DAB/FM Radio

Let's get started

Full Scan

The full scan will search for the entire DAB Band III channels. After the scan has finished, the first alphanumerically found station will be automatically selected.

1. To activate full scan, press the **SCAN** button. The display will show "**Scanning...**" and a progressing slide bar.
2. Or, press and hold the **MENU/INFO** button then the ◀▶ buttons to select <**Full scan**>. Press the **ENTER** button to confirm. The display will show "**Scanning...**" and a progressing slide bar.
3. All the stations that have been found will be stored automatically. To explore and listen to the found stations, press the ◀▶ buttons and then the **ENTER** button to confirm selection.



Full scan will not replace the DAB stations in memory. If you want to remove all the previously scanned stations, factory reset is required.

Using your DAB/FM Radio

Let's get started

Manual Tuning

Manual tuning can help add stations that were missed by full scan.

1. Press and hold the **MENU/INFO** button and then the ◀ ▶ buttons to select <**Manual tune**>. Press the **ENTER** button to confirm.
2. Press the ◀ ▶ buttons to scroll through the DAB channels, which are numbered from 5A to 13F.
3. Press the **ENTER** button to select the station that you would like to listen to.

Presetting Stations

You can store up to 10 of your favourite DAB stations to the memory. This will enable you to access your favourite stations quickly and easily.

1. To store a preset, you must first be listening to the station that you would like to save. Press and hold the **PRESET** button. The display will show "<**Save to P#**>".
2. Press the ◀ ▶ buttons to select the desired preset station number and then press the **ENTER** button to confirm.
3. The station will be stored and the screen will show "**Preset # stored**".

Using your DAB/FM Radio

Let's get started

Recalling a Preset Station

1. Once you have saved a station, you can recall it by pressing the **PRESET** button.
2. Press the ◀▶ buttons to select the desired preset station number.
3. Press the **ENTER** button to confirm.
4. If you choose a preset station number that has not been allocated a station, "**Preset Empty**" will be displayed.

Prune Invalid

You may remove all unavailable stations from the list.

1. During DAB mode, press and hold the **MENU/INFO** button, and then press the ◀▶ buttons to select <**Prune**>. Press the **ENTER** button to confirm.
2. Press the ◀▶ buttons to select <**YES**> to confirm delete. Or select <**NO**> to cancel.

DAB Display Modes

Every time you press the **MENU/INFO** button, the display will show the following display modes.

Scrolling Text

This is a scrolling message giving real-time information, e.g. song titles, news headlines, etc.

Using your DAB/FM Radio

Let's get started

Signal Strength

This shows a slide bar to indicate the signal strength, the stronger the signal, the longer the bar will be from left to right.

Programme Type

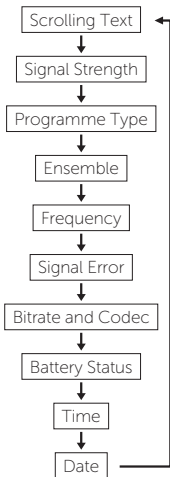
This describes the "style" or "genre" of the programme that is being broadcast.

Ensemble

This display the name of the multiplex that contains the station you are listening to. A multiplex 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.

Frequency

This display the frequency of the present station, such as "11C 220.352MHz".



Using your DAB/FM Radio

Let's get started

Signal Error

This displays a number showing the error rate. If the number is 0, it means the signal received is error free and the signal strength is strong. If the error rate is high, it is recommended to re-orient the aerial or re-position the unit.

Bitrate and Codec

This shows the radio mode and the digital audio bit rate being received.

Battery Status

The display will show the battery status/capacity.

Time

This display the current time provided automatically by the broadcaster.

Date

This display the current date provided automatically by the broadcaster.

Using your DAB/FM Radio

Let's get started

FM OPERATION

Switching from DAB to FM Mode

To switch the unit from **DAB** to **FM** mode, press the **MODE** button once.

Auto Scan

1. To activate auto scan, press the **SCAN** button. The display will show "**Scanning...**" and a progressing slide bar.
2. Or, press and hold the ◀ ▶ buttons to start the forward or reverse scanning. "**Scanning...**" will show on the display. Once a station has been found, the scanning will stop automatically.

Manual Scan

To search for FM stations manually, press the ◀ ▶ buttons repeatedly until your desired frequency is reached.



With FM radio, it may be necessary to fine tune each station by pressing the ◀ ▶ buttons repeatedly. Each press will adjust the frequency by 0.05 MHz. If reception is still poor, adjust the position of the aerial or try moving the radio to another location.

Using your DAB/FM Radio

Let's get started

Scan Setting

This is a scanning option to scan all stations, or just scan stations with a strong signal.

1. Press and hold the **MENU/INFO** button and then press the ◀▶ buttons to select <**Scan setting**>. Press the **ENTER** button to confirm.
2. Press the ◀▶ buttons to select <**All stations**> or <**Strong stations only**>. Press the **ENTER** button to confirm.

Audio Setting

FM is able to search for Stereo or Mono stations.

1. Press and hold the **MENU/INFO** button then press the ◀▶ buttons to select <**Audio setting**>. Press the **ENTER** button to confirm.
2. Press the ◀▶ buttons to select <**Stereo allowed**> or <**Forced mono**>. Press the **ENTER** button to confirm.



The unit will automatically switch between stereo and mono when <Stereo allowed> is selected depending on the signal strength, but you can override this and switch this function manually. This is helpful when receiving a poor signal reception.

Using your DAB/FM Radio

Let's get started

Presetting Stations

You can store up to 10 of your favourite FM stations to the memory. This will enable you to access your favourite stations quickly and easily.

1. To store a preset, you must first be listening to the station that you would like to save. Press and hold the **PRESET** button. The display will show "<Save to P#>".
2. Press the ◀▶ buttons to select the desired preset station number and then press the **ENTER** button to confirm.
3. The station will be stored and the screen will show "**Preset # Stored**".

Recalling a Stored Station

1. Once you have saved a station, you can recall it by pressing the **PRESET** button.
2. Press the ◀▶ buttons to select the desired preset station number
3. Press the **ENTER** button to confirm.
4. If you choose a preset station number that has not been allocated a station, "**Preset Empty**" will be displayed.

Using your DAB/FM Radio

Let's get started

FM Display Modes

Every time you press the **MENU/INFO** button, the display will show the following display modes.

Radio Text

This is a scrolling message information about the current programme.

Programme Type

This describes the "Style" or "genre" of programme that is being broadcast.

Frequency

This display the frequency of the present station, such as "87.50 MHz".

Audio Info

This displays if the station being received is in mono or stereo.

Battery Status

The display will show the battery status/capacity.

Time

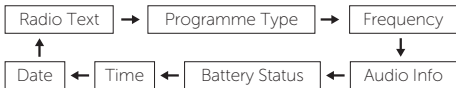
This displays the current time provided automatically by the broadcaster.

Date

This displays the current date provided automatically by the broadcaster.

Using your DAB/FM Radio

Let's get started



SLEEP

1. To set the sleep timer, press and hold the **INFO/MENU** button to enter Menu.
2. Press the ◀▶ buttons to select <System> and press the **ENTER** button to confirm.
3. Press the ◀▶ buttons to select <Sleep> and press the **ENTER** button to confirm.
4. Press the ◀▶ buttons to select the time in minutes from:
Sleep Off / 15 / 30 / 45 / 60 / 90 minutes and then press the **ENTER** button to confirm.
5. To see how much sleep time is left, repeat steps (1) to (3).

Using your DAB/FM Radio

Let's get started

BACKLIGHT

In mains power mode there are 3 backlight level to choose.

1. To set the Backlight, press and hold the **INFO/MENU** button to enter Menu.
2. Press the ◀▶ buttons to select <**System**> and press the **ENTER** button to confirm.
3. Press the ◀▶ buttons until the display shows <**Backlight**> and press the **ENTER** button to confirm.
4. Press the ◀▶ buttons to cycle through "Low/Medium/High" and press the **ENTER** button to confirm the setting.



In battery mode, when the unit is idle for 10 seconds, the backlight will dim. Press any button to light it up again.

Using your DAB/FM Radio

Let's get started

FACTORY RESET

When you move the unit to another part of the country, your pre-tuned and stored Radio stations may no longer be available and you might need to reset the unit back to its original factory settings. To perform a factory reset, do the following:

1. Press and hold the **MENU/INFO** button and then press the ◀▶ buttons to select <**System**>. Press the **ENTER** button to confirm.
2. Press the ◀▶ buttons to select <**Factory Reset**> and then press the **ENTER** button to confirm.
3. The display will show "**Factory Reset?**". Press the ◀▶ buttons to select <**Yes**>.
4. Press the **ENTER** button to start the system reset, "**Restarting...**" will show on the display. After the reset is complete, the unit will enter Standby mode if it is using mains power, or will start a DAB full scan if it is using battery power.



After the factory reset, all the tuned stations, Radio preset stations will be erased.

Using your DAB/FM Radio

Let's get started

SOFTWARE VERSION

1. Press and hold the **MENU/INFO** button and then press the **◀▶** buttons to select **<System>**. Press the **ENTER** button to confirm.
2. Press the **◀▶** buttons to select **<SW version>**, then press the **ENTER** button to confirm.
3. The software version will show on the display.
4. Press the **MENU/INFO** button to exit.

USING EARPHONES

You can connect your earphones by plugging into the earphone socket at the bottom of the unit. Turn down the volume before connecting earphones. Slowly raise the volume with the earphones on until you reach your desired level.

Using your DAB/FM Radio

Let's get started



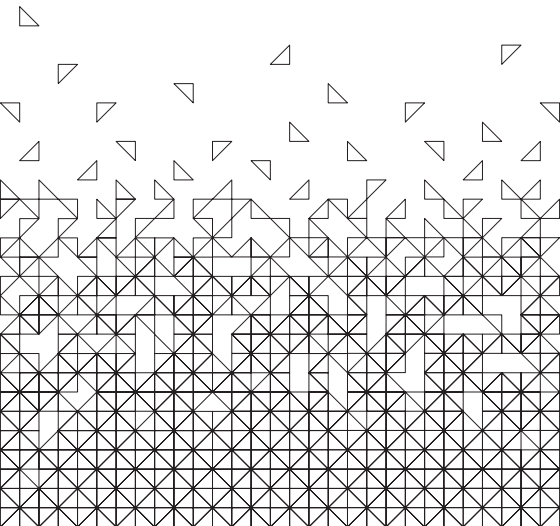
- Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended periods of time.
- Using other earphones may affect performance of unit. Some earphones with integrated microphones may have low volume and affect reception.
- While continuously pressing **VOL+** button, the unit will reach the volume safety cap, and the display shows "**VOLUME WARNING, ENTER TO ACCEPT!**". Press the **ENTER** button to exit and then press the **VOL+** button if you still want to increase the volume.

RESET FUNCTION

In case the unit does not respond when pressing any buttons, it may have frozen up during use. Use a hard thin tool to press the **RESET** button at the bottom of the unit to shutdown the unit. Slide the **POWER** button to switch on the unit again.

Other information

4



Other information

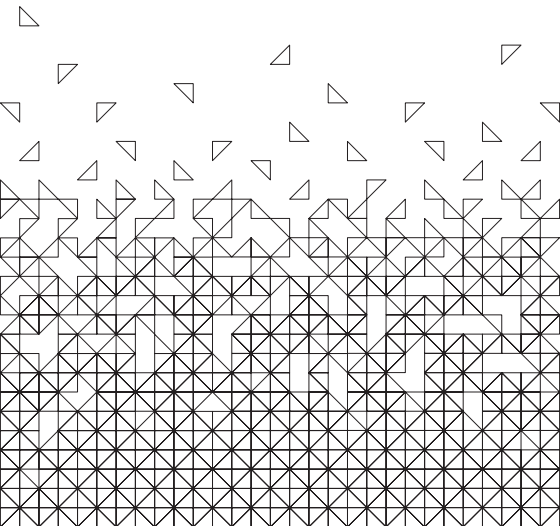
Helpful technical information

SPECIFICATION

Power Supply	DC 5V 1A
Built in Battery	3.7V 1000mAh
Radio Frequency	FM 87.5 – 108 MHz DAB 174 – 240 MHz
Dimension	approx. 56mm (W) x 18mm (D) x 85mm (H)
Net Weight	approx. 68g

Features and specifications are subject to change without prior notice.

Product support 5



Product support

Help is always at hand

Help and assistance

If you require any technical guidance or find that your DAB/FM Digital Radio is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions or online at www.argos-support.co.uk

If you still require further assistance, call one of our experts on **0345 604 0105**. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.

Serial number

You can find these on the rating plate - a small information panel (usually a sticker or metal plate) on the rear of your product.

Product support

Help is always at hand

Date of purchase

This will be shown on your receipt

Local call rates applies*

Line open 8am-7pm Monday to Saturday and 10am-4pm Sunday

*Calls to Argos enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see www.bt.com/pricing for details.

For security and training purposes, telephone calls to and from customer service centres may be recorded and monitored. Calls from Republic of Ireland will attract international call charges.

Product support

Help is always at hand



This appliance complies with the following EEC directives: 2006/95/EEC Low voltage directive, 2004/108/EMC directive

Disposal



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

Product support

Help is always at hand

Notes for battery disposal

The batteries used with this product contain chemicals that are harmful to the environment.

To preserve our environment, dispose of used batteries according to your local laws or regulations.

Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.

All trademarks are the property of their respective owners and all rights are acknowledged.

Product support

Help is always at hand

BUSH

Call us now and activate your 12 month guarantee

Thank you for choosing Bush. Your new product is guaranteed against faults and breakdowns for 12 months. Don't forget to register it with us today so we can provide you with our best possible after-sales service and useful updates.

www.bushregistration.co.uk

FREEPHONE*

0800 597 8548

Lines are open 8am - 8pm, 365 days a year. *Calls may be recorded and monitored.

Your Bush 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 be repaired free of charge (or if applicable the product will be replaced or the purchase price refunded) where possible during this period by the dealer from who your purchased the unit.

Product support

Help is always at hand

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 the manual.

It must be used solely for domestic purposes. 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.

Bush disclaim any liability for loss or damage arising from the breakdown of the product.

This guarantee is in addition to and does not diminish your statutory or legal rights.

Product support

Help is always at hand

Important Data Protection Information

If you provide us with information about another person, you confirm that they have appointed you to act for them, to consent to the processing of their personal data including sensitive personal data and that you have informed them of our identity and the purposes (as set out in the Important Data Privacy notice displayed overleaf) for which their personal data will be processed.

You are entitled to ask for a copy of the information we hold about you (for which we may charge a small fee) and to have any inaccuracies in your information corrected.

For quality control and training purposes, we may monitor or record your communications with us.

If your personal details change, if you change your mind about any of your marketing preferences or if you have any queries about how we use your information, please let us know by contacting our Data Protection Officer, Domestic & General, Leicester House 17 Leicester Street, Bedworth, Warwickshire CV12 8JP.

BUSH

Contact:
www.bush-support.com
Helpline: 0345 604 0105

 DAB Digital
Radio