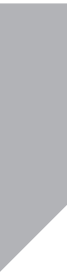


# BUSH

## Instruction Manual

NE-3140  
704/5020





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 Radio. Should you require any guidance, a simple solution can often be found online at:

[www.bush-support.com](http://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**

**BUSH**

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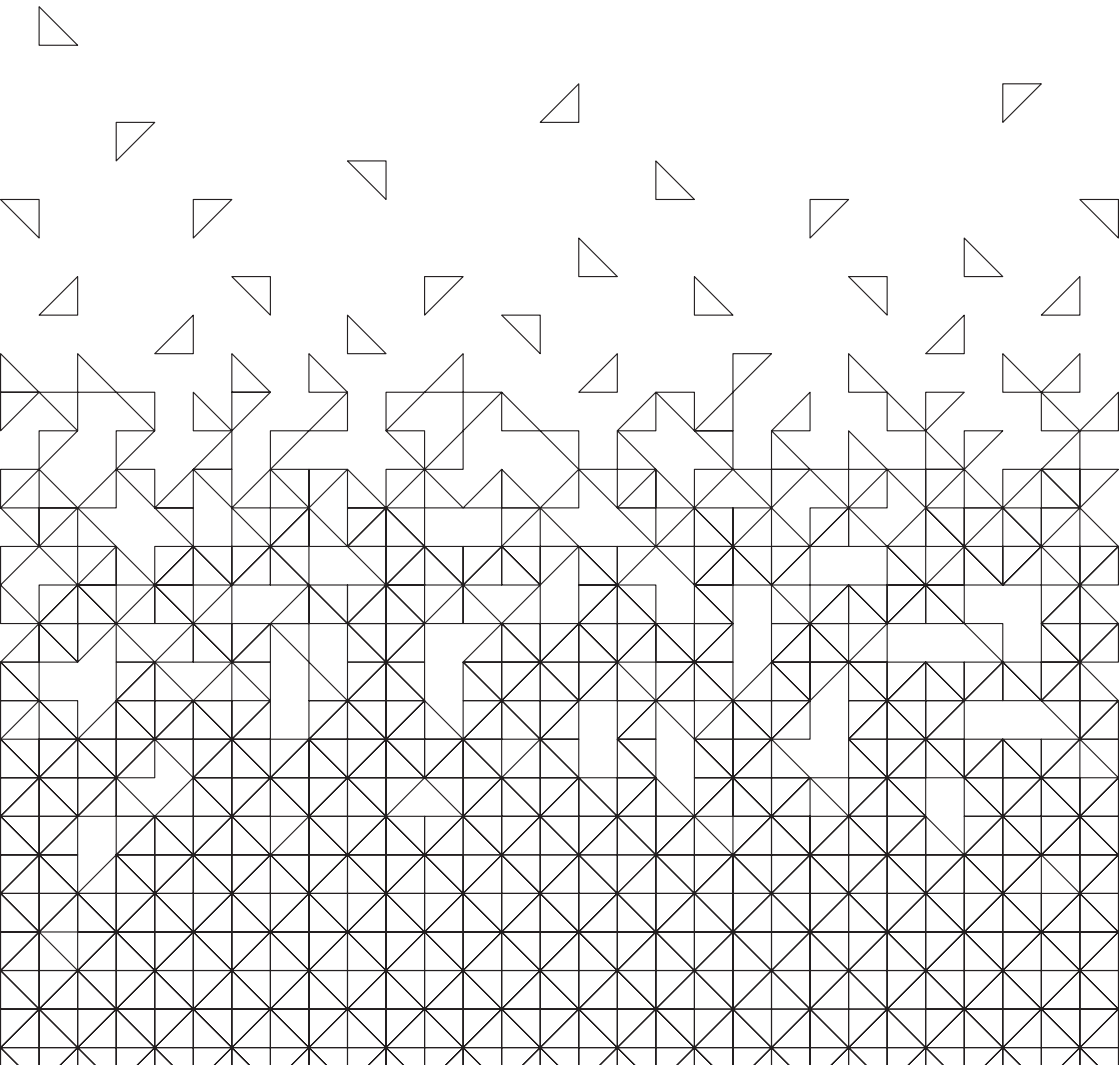
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section of these instructions, or online at [www.bush-support.com](http://www.bush-support.com) If you still require further assistance, call one of our experts on 0345 604 0105



# 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.
- 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 unit 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.



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.



## Safety information

**Important** - Please read these instructions fully before installing or operating

### Mains Adapter

- Make sure the unit is not resting on top of the mains cable, as the weight of the unit may damage the cable and create a safety hazard.
- If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

### 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.

### 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

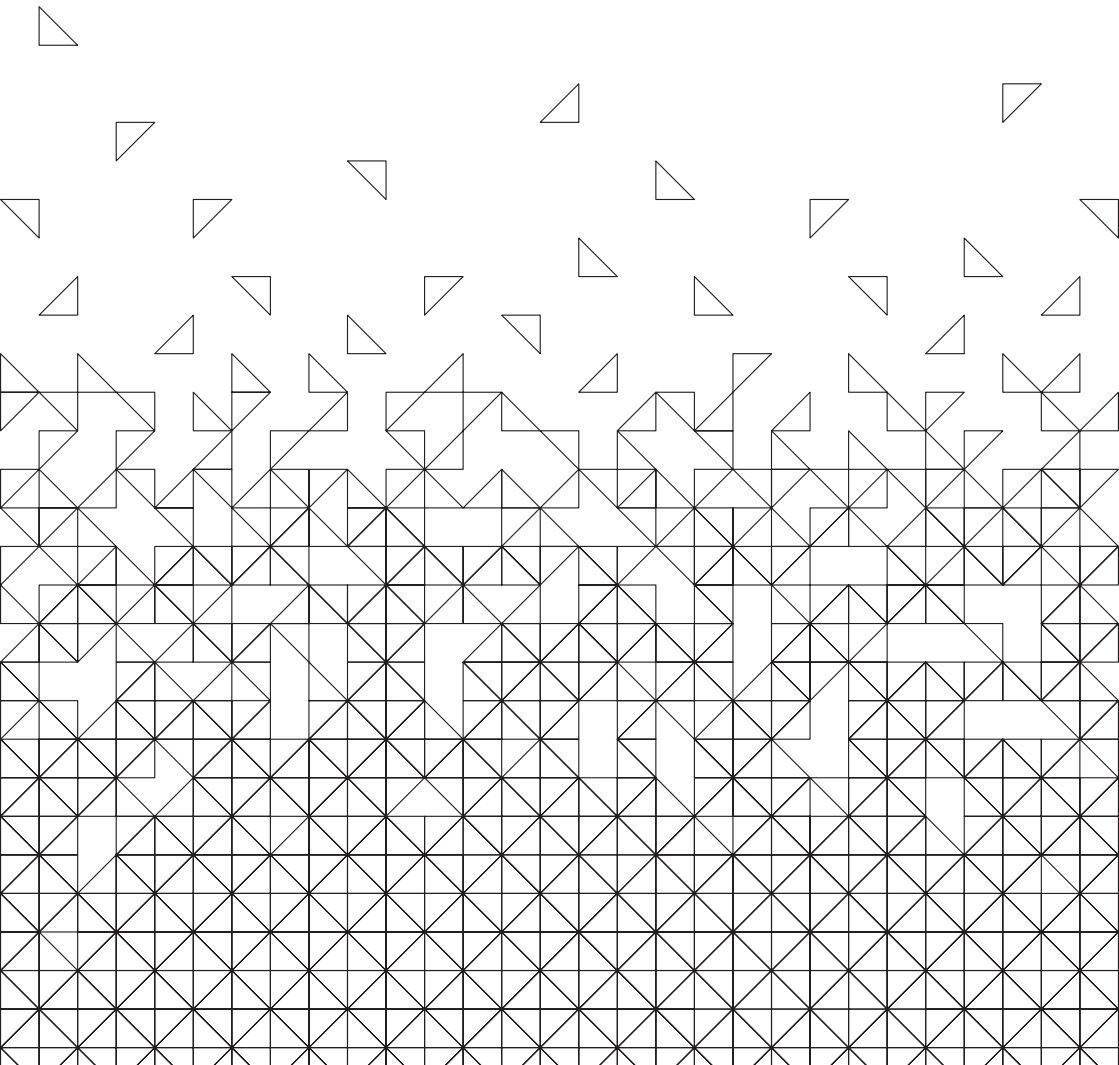
- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.
- Ensure to unplug the unit from the mains socket before 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 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.

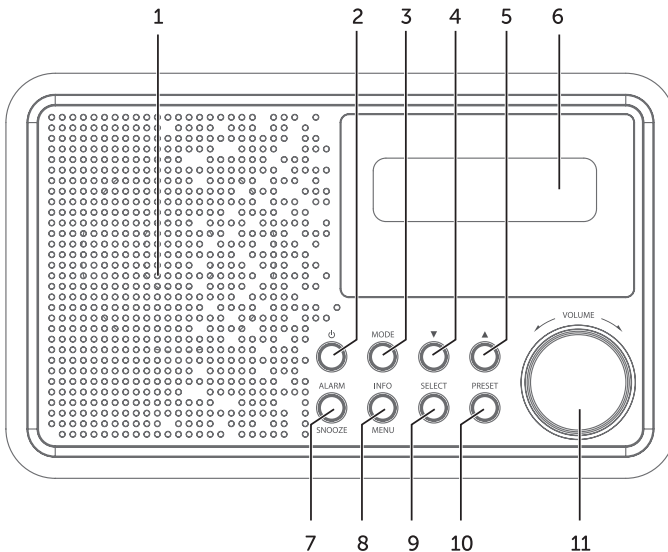
If you require any further assistance, our technical experts are happy to help. For full details, refer to the product support section at the end of these instructions.

Content section is missing, you have to mention what you can find inside the box when open.

Please also update the contents page with this section.

## Product Overview

top view

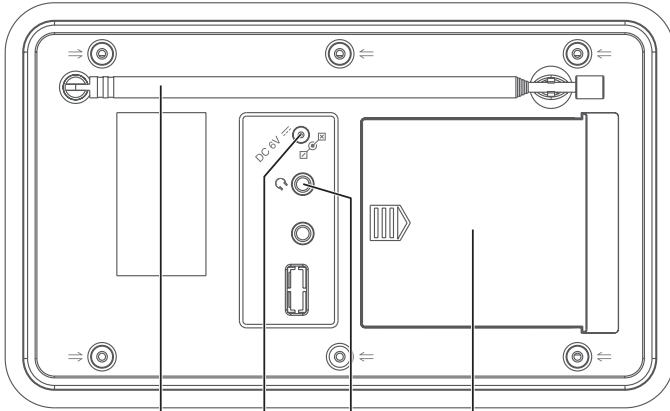


- |                     |                        |
|---------------------|------------------------|
| 1. SPEAKER          | 7. ALARM/SNOOZE BUTTON |
| 2. ⏻ STANDBY BUTTON | 8. INFO/MENU BUTTON    |
| 3. MODE BUTTON      | 9. SELECT BUTTON       |
| 4. TUN/CH▼ BUTTON   | 10. PRESET BUTTON      |
| 5. TUN/CH▲ BUTTON   | 11. VOLUME CONTROL     |
| 6. LCD DISPLAY      |                        |

# Getting to know your DAB/FM Radio

You'll be up and running in no time

## Rear view



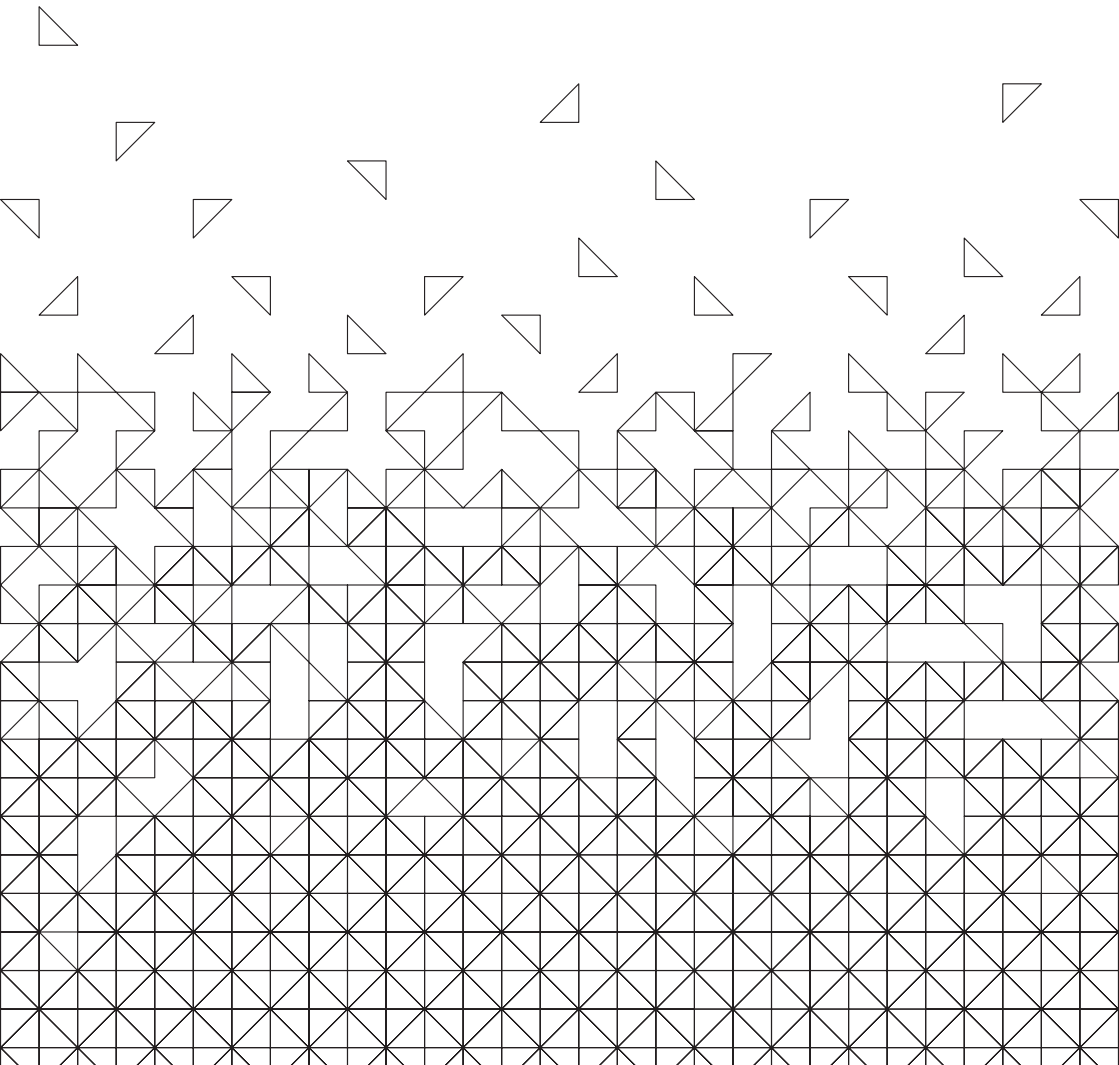
- 12. ROD ANTENNA
- 13. DC INPUT SOCKET
- 14. HEADPHONE JACK
- 15. BATTERY DOOR
- 16. AC/DC ADAPTOR





# Using your DAB/FM Radio

# 3



# Using your DAB/FM Radio

Let's get started

## SWITCHING YOUR RADIO ON FOR THE FIRST TIME

### AC Operation

1. Insert the DC power jack of AC/DC adaptor to the DC input socket located at the rear of the radio.
2. Plug the AC/DC Adaptor to the AC mains outlet.
3. Press the **⏻ STANDBY** to turn the radio on.

**Remarks:** If the AC Adaptor voltage is over than 6V, it will possible make the unit damage.

### DC (battery) operation

1. Ensure the AC/DC adaptor is disconnected from the radio and AC mains.
2. Installed the batteries (4x1.5V UM3/AA battery) into the battery compartment.
3. Press the **⏻ STANDBY** to turn the radio on.

**Remarks:** To obtain the best performance in DC operation, the use of alkaline batteries is highly recommended.

### Menus:

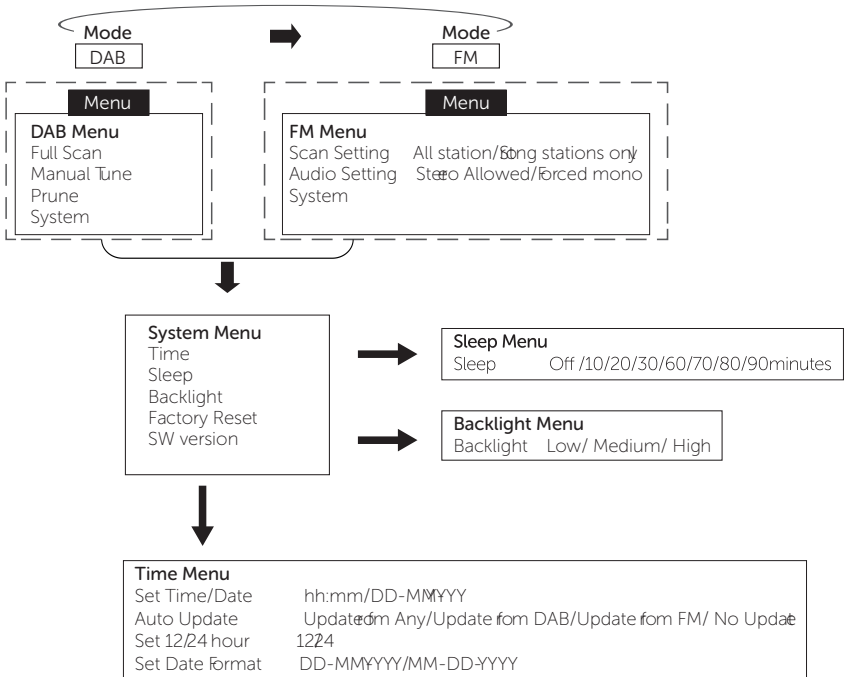
The following controls are used to move about the menu tree to choose and select the required settings:

Press and hold **INFO/MENU** button to enter into the "MENU". Press the **TUN/CH▼** or **TUN/CH▲** button to navigate the desire option, then press **SELECT** button to confirm.

# Using your DAB/FM Radio

Let's get started

MENU Tree as below:



## SETTING THE CLOCK

The clock in this radio is equipped to receive a DAB radio frequency time signal. After the unit has been turned on, it will automatically tune into a DAB radio station and update the clock. It may be necessary to wait for 1-2 minutes to allow the unit to receive the time signal. If the area will only receive an FM signal it will be necessary to manually set the clock.

# Using your DAB/FM Radio

Let's get started

## Set the clock in STANDBY mode

1. Insert the adaptor cord into the power socket at the rear of the radio. Plug the adaptor into the mains supply socket.
2. The display backlight will illuminate for a few seconds, a welcome message (F1) will appear in the display briefly and the clock will display "00:00:00 Time is not set".
3. In standby mode, press the **ALARM/SNOONZE** button, the hour digits will flash in the display, press **▼/▲** buttons to set the correct hour, then press the **SELECT** button to confirm.
4. The minute digits will now flash, press **▼/▲** buttons to set the correct minute.
5. Later you will enter to "Set date 1-1-2014". Press **▼/▲** buttons to set date and press **SELECT** button to confirm again.

## Set the clock in working mode

1. Connect the radio to AC mains (via AC/DC adaptor), then press **⏻ STANDBY** to turn the radio on.
2. Press and hold **INFO/MENU** button, and then press **▼/▲** buttons until the display show "System". And press the **SELECT** button confirm.
3. Continue press **▼/▲** buttons until the display shows "Time" and then press the **SELECT** button to confirm. The display will show "<Set Time/Date>", press the **SELECT** button to confirm again.
4. The hour digits will flash in the display, press **▼/▲** buttons to set the correct hour, and then press the **SELECT** button to confirm.
5. The minute digits will now flash, press **▼/▲** buttons to set the correct minute.
6. Later you will enter to "set date 1-1-2014", press **▼/▲** buttons to set date and press **SELECT** button to confirm again.

## BASIC OPERATION - GETTING STARTED

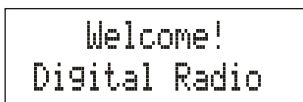
Press the **⏻ STANDBY** button to turn the unit on, it will automatically enter into the DAB mode and perform auto scan function. During the scan, the display show "Scanning..." together with a slide bar

that indicates the progress of the scan and the amount of stations that have been found so far. (F2)

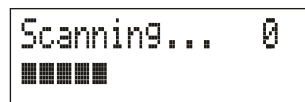
Once the scan has finished, the radio will select the first alphanumerically found station. You can now press **▼/▲** buttons to explore the found stations followed by pressing the **SELECT** button to select listening to the stations.

**Note:** If there is no stations found after auto scan, the radio will display "Full Scan", you can now press **▼/▲** buttons to select "Full scan" or "Manual tune" for stations, and press **SELECT** button to finally confirm.

F.1



F.2





# Using your DAB/FM Radio

Let's get started

## DAB Auto Scan

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

1. To activate auto scan, press and hold **INFO/MENU** button, and press **▼/▲** buttons to enter into the Menu to select "Full scan", finally press the **SELECT** button to confirm. The display will show "Scanning..." and a pressing slide bar.(F.3)
2. All the stations that have been found will be stored automatically, press **▼/▲** buttons to explore the stations that have been found. When you find a station that you would like to listen, press the **SELECT** button to confirm.

## DAB Manual tune

1. To select manual tune, press and hold **INFO/MENU** button, and then press **▼/▲** buttons to select "Manual tune"(F.4). And press the **SELECT** button to confirm.
2. Press **▼/▲** buttons to move through the DAB channels, the display will show "5A to 13F" and their associated frequencies. (F.5)
3. When your desired frequency appears in the display, press the **SELECT** button to listen, the name of the station group (ensemble/multiplex) will be displayed.

F.3

A rectangular display box with a black border. The text is in a monospaced font. At the top, it says "DAB". Below that, it says "&lt; Full scan &gt;".

F.4

A rectangular display box with a black border. The text is in a monospaced font. At the top, it says "DAB". Below that, it says "&lt; Manual tune &gt;".

F.5

A rectangular display box with a black border. The text is in a monospaced font. At the top, it says "Manual tune". Below that, it says "&lt; 5A 174.928MHz &gt;".

## Prune

You may remove all unavailable station form on the list.

1. During DAB mode, press and hold **INFO/MENU** button and then press **▼/▲** buttons to select "Prune". Press the **SELECT** button to confirm.
2. Press **▼/▲** buttons to select <Yes> to confirm delete. Or select <No> to cancel.

## DAB display modes

Every time you press the **INFO/MENU** button, the display will cycle through the following display modes: Signal strength, Programme Type, Ensemble Name, Channel number/frequency, Signal error, Audio Bit Rate, Power status (Mains/Battery), Time and Date.

### 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.

# Using your DAB/FM Radio

Let's get started

## Ensemble Name

The Ensemble/Multiplex is a collection of radio stations that are bundled and transmitted together in a single frequency. There are national and local multiplexes, local ones contain stations that are specific to that area.

## Channel number/frequency

This displays the Channel number/frequency of the present station, such as "11C 220.352MHz".

## Signal error

Show the stability and quality of signal reception, the best representation for 0.

## Audio Bit Rate

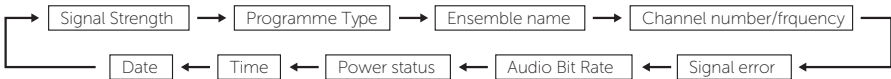
The display will show the digital audio bit rate being received.

## Power status

Display the power supply is adaptor or battery. If the power supply is battery, the display will show the battery capacity.

## Time / Date

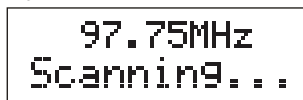
This displays the current time and date provided automatically by the broadcaster.



## FM radio

1. To select FM, press the **MODE** button, the display will show FM and the frequency.
2. To activate auto search, press **SELECT** button or press and hold **▼/▲** buttons until the radio starts to scan the frequency band, the display will show 'Scanning ...'(F6), and it will stop automatically once a station has been found.
3. To search manually, press **▼/▲F.6** buttons in the desired direction to increment the frequency by 0.05MHz. If reception is still poor adjust the position of the antenna or try moving the radio to another location.

F.6



# Using your DAB/FM Radio

Let's get started

## Scan setting

In **FM** mode, press and hold **INFO/MENU** button and then press **▼/▲** buttons to select "Scan setting". And press the **SELECT** button to confirm. Press **▼/▲** buttons to select "All stations/Strong stations only", and then press the **SELECT** button to confirm the setting.

## FM display modes

Every time you press the **INFO/MENU** button, the display will cycle through the following display modes: Radio Text, Programme Type, Frequency, Audio Type, Power status (Mains/Battery), Time and Date.

### Radio Text

This displays the information about the current programme.

### Programme Type

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

### Frequency

This displays the frequency of the present station, such as "87.8MHz".

### Audio Type

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

### Power status

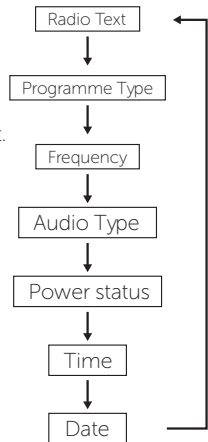
Display the power supply is adaptor or battery. If the power supply is battery, the display will show the battery capacity.

### 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

## STORING AND RECALLING STORED STATIONS

This function allows up to 10 stations to be programmed into the memory and stored in both DAB and FM mode.

1. To store a preset, first tune to your desired station, then press and hold the **PRESET** button for longer than 2 seconds, the display will show "Preset Store <#: (Empty)>" (F.7).
2. Press **▼/▲** buttons to select your desired station preset number.
3. Press the **SELECT** to confirm your selection, the station now broadcasting has now been stored in the selected location (F.8).
4. To listen to the preset stations, press the **PRESET** button once and then press **▼/▲** buttons to select the desired preset location. And press the **SELECT** button to confirm. (F.9) The station name or frequency and preset location number will be displayed in the lower half of the display. If the preset has not been allocated, "Preset Recall <#: (Empty)>" will be shown in the display.

F.7F

```
Preset Store
<1: Empty >
```

F.8

```
Preset 1
Stored
```

.9

```
Preset Recall
<6: BBC Radio 6 >
```

**Notes:** If the unit is disconnected from the mains supply for any length of time and the batteries are not installed, the programmed stations will be lost.

## SETTING ALARMS (AC OPERATION ONLY)

1. Alarms can be switched on or off in standby mode. However, the alarm parameters can only be set when the product is on.
2. To set or change alarm 1, press **ALARM/SNOOZE** button once, then press the **SELECT** button. (F.10)

F.10

```
Alarm 1 Setup
```

3. To set or change alarm 2, press the **ALARM/SNOOZE** button twice, then press the **SELECT** button.
4. To exist alarm setting mode, press the **ALARM/SNOOZE** button again.

# Using your DAB/FM Radio

Let's get started

5. The alarm setup prompts you for the following parameters. Select a value for each parameter by press ▼/▲ buttons, and then press the **SELECT** button to move on to the next parameter.
6. Parameters
  - On Time –Hours and minutes
  - Duration-15/30/45/60/90 minutes  
The alarm will continue ring during the selected period if leave it idle. And it will switch to standby mode afterward.
  - Source- Buzzer/DAB/FM  
If DAB or FM is chosen as the audio source you will also be prompted to select the last played station or one of the preset station (if set)
  - Daily/Once/Weekends/Weekdays  
Choose the days on which the alarm is active  
**Note:** if you choose "Once", you are prompted to enter the require date.
  - Volume – Press the **TUN/CH▼** or **TUN/CH▲** button to increase or decrease the volume you desired. This is the volume the alarm will build up to. (Initially the alarm sounds at a low volume and gradually gets louder to the set volume)
  - Alarm – Off/ On
- In standby mode, active alarms are indicated by displaying the relevant Alarm icons.
- At the set time, the alarm will sound, quietly at first, then gradually building up to the set volume.

To turn alarms on or off in standby mode

- Press the **ALARM/SNOOZE** button, the display shows the current alarm status. To switch the alarms on or off
- Press the **ALARM/SNOOZE** button repeatedly to cycle through four states as shown below (F.11)

F.11

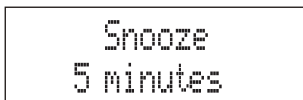
Alarm 1: off Alarm 2: off	Alarm 1: on Alarm 2: off	Alarm 1: off Alarm 2: on	Alarm 1: on Alarm 2: on
------------------------------	-----------------------------	-----------------------------	----------------------------

- To choose the display Alarm status, press the **SELECT** button to confirm

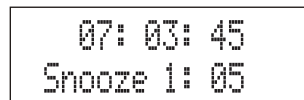
## SNOOZE (AC OPERATION ONLY)

To temporarily silence a sounding alarm, press the ALARM/SNOOZE button once, you can change the snooze period by repeatedly pressing the ALARM/SNOOZE button, Snooze periods are 5,10, 15 or 30 minutes. The radio returns to standby for the set time period with Snooze countdown displayed. When the countdown reaches 0(zero) the alarm triggered again. (F.12) (F.13)

F.12



F.13



# Using your DAB/FM Radio


Let's get started

## SLEEP

This function allows you to program the unit to switch off itself after a set period of time.

1. Press and hold **INFO/MENU** button, then press **▼/▲** buttons to select "System", and press the **SELECT** button to confirm. Press **▼/▲** buttons to select "Sleep", then press the **SELECT** button to confirm. Press **▼/▲** buttons to change the sequence: Sleep Off /10/20/30/60/70/80/90 minutes. (F.14)
2. To check the sleep interval remaining, press **▼/▲** buttons to select "Sleep", then press the **SELECT** button to check.
3. To cancel the sleep timer, press **▼/▲** buttons to select "Sleep Off", then press the **SELECT** button to confirm

F.14



```
Set sleep time
30 minutes
```

## USING HEADPHONES (not included)

A stereo headphone jack has been provided so that the radio can be used without disturbing others.

Plug in the headphones at the point marked '👂' and adjust the listening volume to your chosen level. Excessive sound pressure from earphones and headphones can cause hearing loss. The speakers will not operate when earphones are fitted.

# Using your DAB/FM Radio

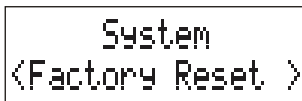
Let's get started

## RESET

1. If moving the radio to another location in the country the pre-tuned and stored DAB stations may no longer be available and it will be necessary to reset the radio back to the factory settings.
2. With the unit switched on, press and hold the **INFO/MENU** button and press **▼/▲** buttons until the display shows 'System' and press the **SELECT** button and continue press **▼/▲** buttons until the display shows "Factory Reset <No> Yes' and press **▼/▲** buttons to "<Yes>" and press the **SELECT** button. (F.15), (F.16)
3. The radio will display "Restarting..." and will then go into standby mode.

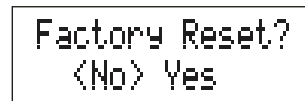
**Note:** All stored programmed stations will be lost during reset.

F.15



System  
<Factory Reset. >

F.16



Factory Reset?  
<No> Yes

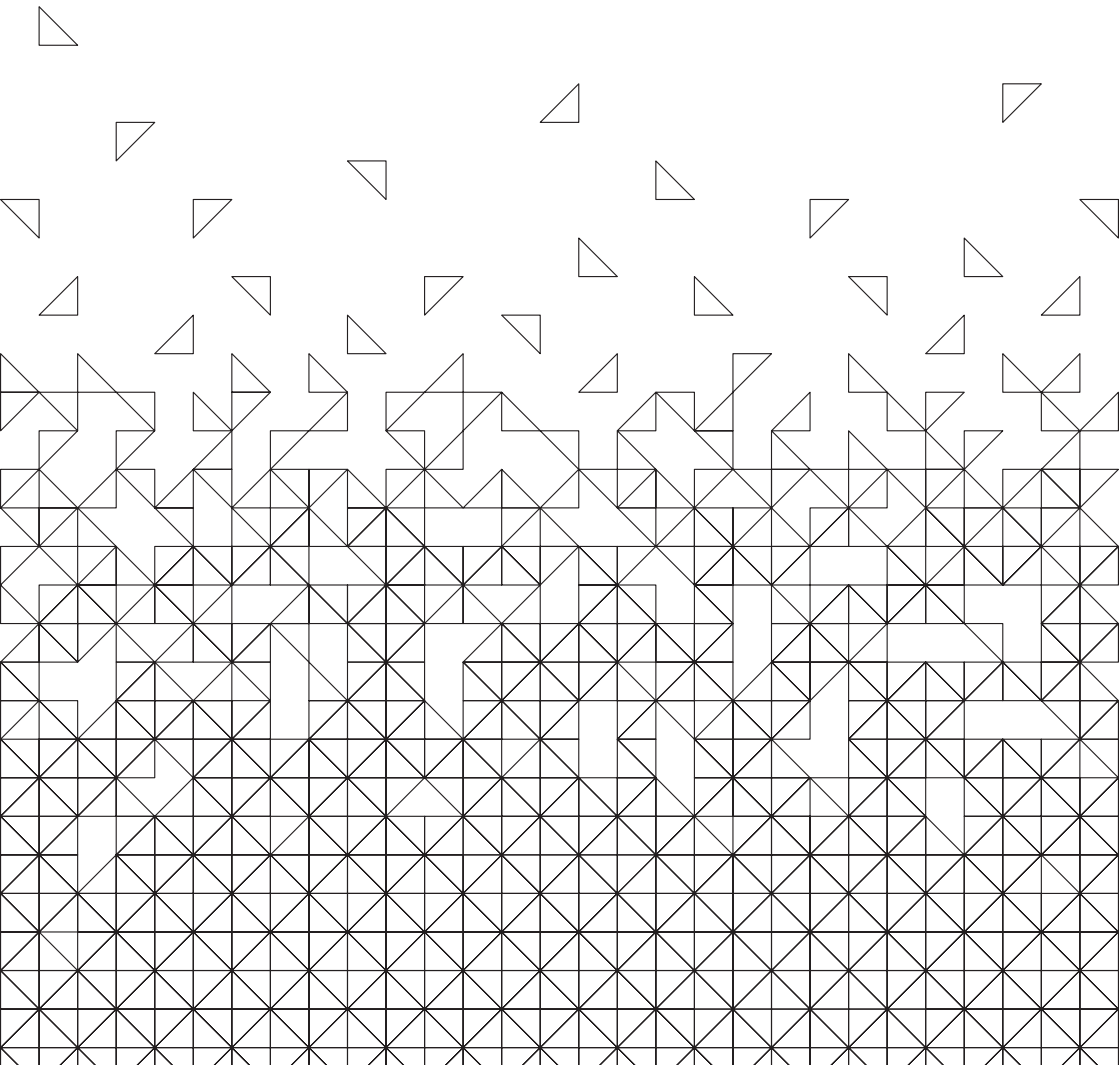
## BACKLIGHT

The product display has a backlight with three brightness setting, Low/ Medium/ High  
With the unit switched on, press and hold the **INFO/MENU** button and press **▼/▲** buttons until the display shows 'System', press the **SELECT** button to confirm. Press **▼/▲** buttons until the display shows "Backlight" and press the **SELECT** button to cycle through "High/Medium/Low" and press the **SELECT** button to confirm the setting.





# Other information 4



## Other information

Helpful technical information

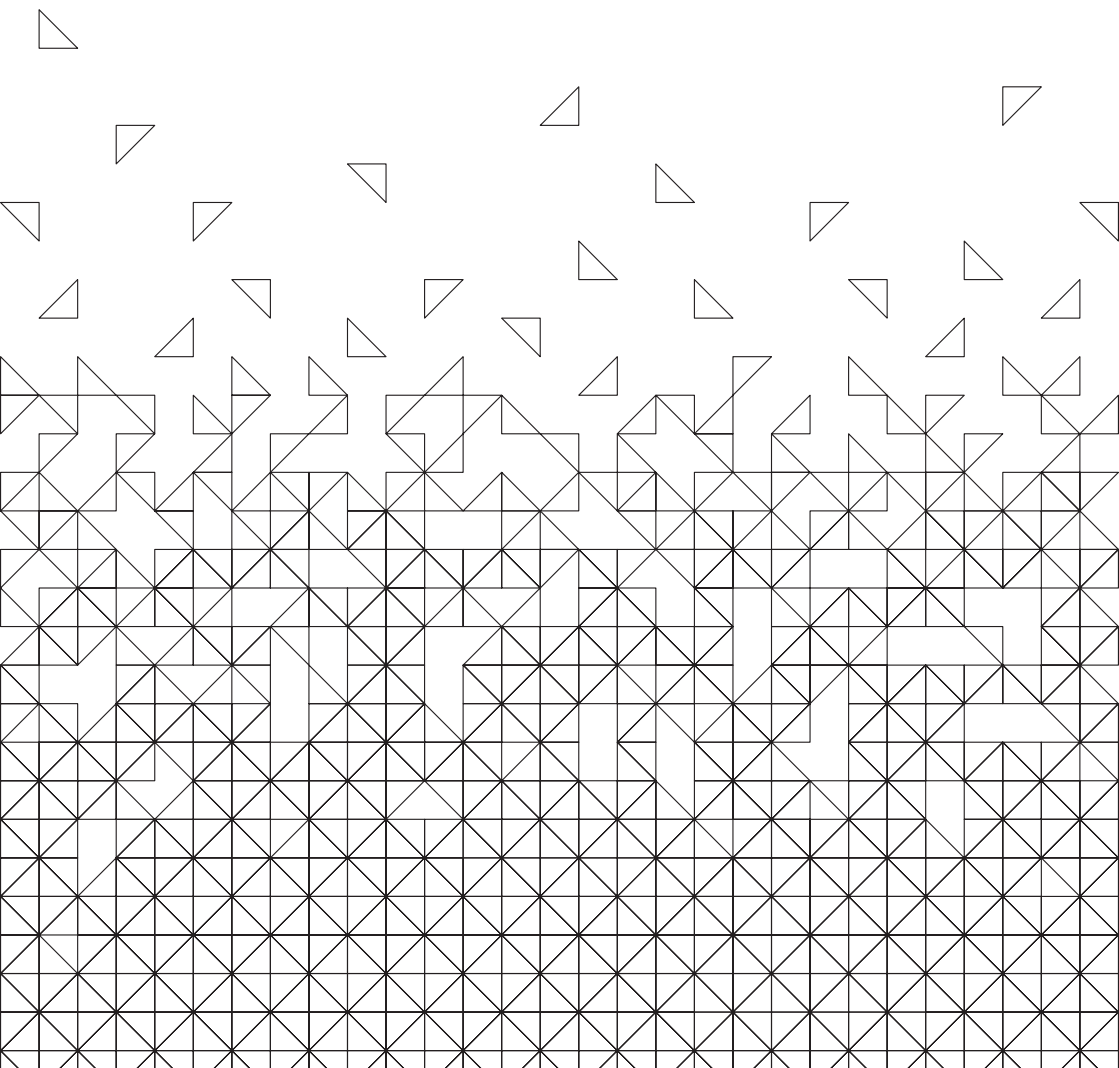
## Specifications

Adaptor manufacturer's name and address	DONGGUAN DONGNIU ELECTRONIC TECHNOLOGY CO., LTD. 3th Floor, No.8, HengLing Street, HengJiao Industrial Park, ShiJie Town, Dongguan City, Guangdong, P.R. China
Adaptor model Number	DNS051-0591000-AB
Adaptor input Voltage and Input AC frequency	100-240V ~ 50-60Hz 0.2A max.
Adaptor output voltage	DC 5.9 V
Adaptor output current	1.0 A
Adaptor output power	5.9 W
Adaptor average active efficiency	75.0%
Adaptor no-load power consumption	0.09 W
Audio output	2W RMS
Radio	DAB 174-240MHz FM 87.5-108MHz
Operating conditions Temperature:	5°C to 35°C Humidity 5% to 90%
Unit dimension :	190 (L) x 110(W) x 115 (H) mm
Weight :	0.8kg

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 Radio is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions or online at [www.bush-support.com](http://www.bush-support.com)

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.

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

Serial number

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](http://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

## 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.

### 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.

This product is intended for use within the UK. This equipment complies with the essential requirements for the Radio Equipment Directive 2014/53/EU.

### Declaration of Conformance

Hereby, Argos Ltd, declares that this Band II LPD device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The complete declaration of conformity can be obtained by contacting <http://www.bush-support.com/>

# Product support

Help is always at hand



## 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](http://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.

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.

## Important Data Protection Information

To find out how we and Domestic & General Insurance Plc use your data please refer to the guarantee registration material or visit [www.bushregistrations.co.uk](http://www.bushregistrations.co.uk).

Guarantor: Argos Limited-489-499 Avebury Blvd. - Milton Keynes- NK9 2NW

# BUSH

Contact:

[www.bush-support.com](http://www.bush-support.com)

Helpline: 0345 604 0105

 DAB Digital  
Radio