

Instruction manual

NE-2019 **731/6876**



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

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

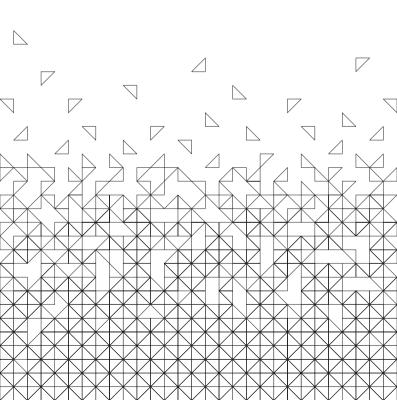
If you require any technical guidance or find that your product is not operating as intended, a simple solution can often be found in the **Troubleshooting**



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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 $0345\,604\,0105$





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 apparatus for ventilation.



Important - Please read these instructions fully before installing or operating

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.

Mains adapter

- Make sure the unit is not resting on top of the mains adapter cable, as the weight of the unit may damage the cable and create a safety hazard.
- If the mains adapter 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.



Important - Please read these instructions fully before installing or operating

- 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.

	The symbol indicates DC voltage
♦• •	The symbol indicates polarity of d.c. power connector
~	The symbol indicates AC voltage
	The symbol indicates class II equipment





RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

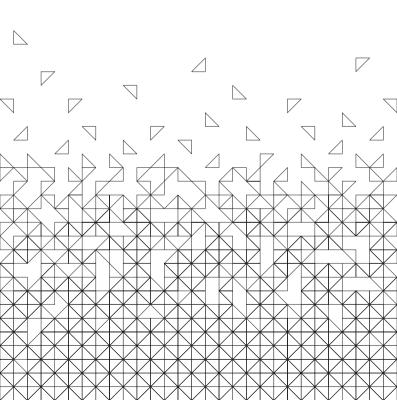
User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

 The mains plug of power adapter is used as the disconnect device, The socket-outlet shall be installed near the equipment and shall be easily accessible.



Important - Please read these instructions fully before installing or operating

Under the environment with radio-frequency disturbance, the product may malfunction and could self-recover when the interference disappear.



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

Unpacking

Remove all items from the packaging. Retain the packaging. If you dispose of it, please do so according to local regulations. The following items are included:









Main Unit

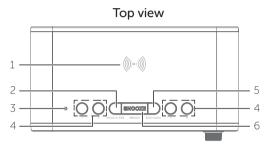
Instruction Manual

Adapter

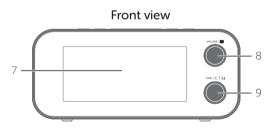
Support Stand

You'll be up and running in no time

Product overview



- 1. Wireless charging center
- 2. MODE/ALARM button
- 3. Status indicator for wireless charging
- 4. PRESET buttons
- 5. INFO/MENU button
- 6. SNOOZE/DIMMER button

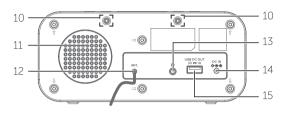


- 7. Display
- 8. VOLUME/ & dial

9. TUNE/SELECT dial

You'll be up and running in no time

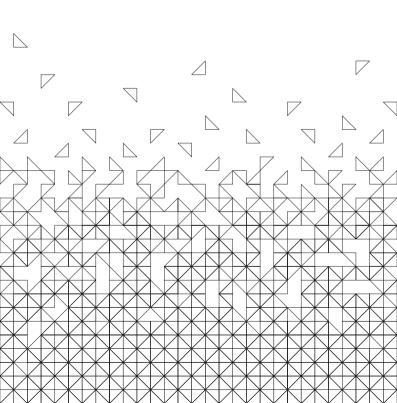
Rear view





- 10. Mounting Holes
- 11. Speaker
- 12. Antenna
- 13. Earphone Jack

- 14. DC IN Socket
- 15. USB 5V == 1A Charging Port
- 16. Support Stand



Let's get started

Power source

Mains power

- Connecting the unit to any other power source may damage the unit. Unwind the mains adapter cable to its full length. Connect the end of the cable to the DC IN → ◆◆ Socket at the rear of the unit and then connect the mains adapter to the mains socket. Make sure the mains adapter is firmly inserted into the mains socket. The unit is now ready to use.
- 2. To switch the unit off completely, unplug the mains adapter from the mains socket.

Basic operation

Powering on/off

After connecting the mains adapter to the unit and the mains socket, the unit will show "WELCOME" then enter Standby mode.



- 1. Press the **VOLUME/** & dial to switch on the unit.
- 2. Press the **VOLUME/** & dial again to switch the unit back to Standby mode.
- Disconnect the power cable of the mains adapter from the mains socket if you want to switch the unit off completely.

Selecting modes

Press MODE/ALARM button repeatedly to switch between modes (DAB or FM)

Adjusting the volume

Turn the **VOLUME/** & dial to adjust the volume.

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 to receive signals from the DAB/FM station for a period of time.

DAB operation

If the unit is connected to the mains power and then switched on for the first time, the unit will automatically enter into the DAB mode and

perform full scan. During the scan the display will show "SCANNING", then show up arrow bar indicating 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, turn the TUNE/SELECT dial and then press TUNE/SELECT dial to confirm selection.

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.

- To activate Full Scan, press and hold INFO/MENU button then turn TUNE/SELECT dial to select <FULL SCAN>. Press TUNE/SELECT dial to confirm. The display will show "SCANNING", then show up arrow bar indicating the progress of scan status and number of station found.
- All the stations that have been found will be stored automatically. To explore and listen to the found stations, turn TUNE/SELECT dial and then press TUNE/SELECT dial to confirm selection.

Let's get started

Manual tune

As well as the normal method of scanning, you can also manually tune to a particular channel / frequency. This can be useful for adjusting your antenna to achieve the best possible reception and scanning a particular channel to update the station list.

- Press and hold INFO/MENU button and then turn TUNE/SELECT dial to select <MANUAL TUNE>. Press TUNE/SELECT dial to confirm selection.
- Turn TUNE/SELECT dial to scroll through the DAB channels, which are numbered from 5A to 13F.
- Press TUNE/SELECT dial to select the station that you would like to listen.
- To listen to any stations found, return to the now playing screen and turn TUNE/SELECT dial to select the required station from the station list as normal.

DAB display modes

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

DLS text

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



DL Plus information - This is only displayed if broadcast by the station

Programme type

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

Let's get started

Ensemble name

This displays 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.

Channel number/frequency

This display the frequency of the present station.

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.

Time

This display the current time provided automatically by the broadcaster.

Date

This display the current date provided automatically by the broadcaster.

FM operation

Switching from DAB to FM mode

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



Auto scan

To search for an FM station, turn TUNE/SELECT dial clockwise or counter-clockwise and then press TUNE/SELECT dial to start the forward or reverse scanning.

Once a station has been found, the scanning will stop automatically.

Let's get started

Manual scan

To search for FM stations manually, turn **TUNE/SELECT** dial repeatedly until your desired frequency is reached.



With FM radio, it may be necessary to fine tune each station by turn TUNE/SELECT dial to your desired by 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.

Scan setting

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

- Press and hold INFO/MENU and then turn TUNE/SELECT dial to select <SCAN>. Press TUNE/SELECT dial to confirm selection.
- Turn TUNE/SELECT dial to select <STRONG STATIONS> or <ALL STATIONS>. Press TUNE/SELECT dial to confirm selection.

Audio setting

FM is able to search for Stereo or Mono stations.

- Press and hold INFO/MENU button and then turn TUNE/SELECT dial to select <AUDIO>. Press the TUNE/SELECT dial to confirm selection.
- 2. Turn TUNE/SELECT dial to select <STEREO> or <MONO>. Press the TUNE/SELECT dial to confirm selection.
- The display will show up MONO icon when the station received is in mono.
- The unit will automatically switch between stereo and mono when <STEREO> is selected depending on the signal strength, but you can override this and switch this function manually. This is helpful when receiving poor signal reception.

Let's get started

FM display modes

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

RDS radiotext

This is a scrolling message information about the current programme.

Programme type

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

Name/frequency

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

Mono/stereo

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

Time

This display the current time provided automatically by the broadcaster.

Date

This displays the current date provided automatically by the broadcaster.

Let's get started

Storing and recalling stored stations

Presetting stations

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

 To store a preset, first tune to your desired station, then press and hold the preset buttons (1-3) for longer than 2 seconds, the display will show "STORED" and then save the station.



 To store in Presets # (1-10) press and hold the preset button 4+ for longer than 2 seconds, the display will show "SAVE TO". Turn TUNE/SELECT dial to select preset location and press TUNE/ SELECT dial to confirm the station to save.

Recalling a preset station

To listen the preset stations 1-3, press
the preset buttons (1-3) and the unit will
show "RECALL" then switch to desired
preset location. If the preset has not been
allocated, "EMPTY" will be shown in the
display.



 To listen the preset stations 1-10, press the preset button 4+ once, the display will show "RECALL" then show up preset list, turn TUNE/SELECT dial to select the desired preset location and then press TUNE/SELECT dial to confirm. If the preset has not been allocated, "EMPTY" with preset# will be shown in the display.

Let's get started

Wireless charging for mobile device

Charging setup

- Place your mobile devices supporting wireless charging on top surface of the unit, charging will begin on contact.
- For proper charging and with the best charging efficiency, align the center of your device's charging coil to wireless charging center of the unit.



- Depending on your device design, the wireless charging area may not be centered and will require some positional adjustment when placed on the unit surface.
- Your mobile device must be Qi Wireless compatible

Charging status indicator

- The white LED on unit top panel is to indicate wireless charging status:
 - LED keep solid: The wireless device is charging properly
 - LED flashing: Detect metalic objects (keys, coins etc) have been placed onto the charging surface.



- Keep the top panel of the unit dry and away from moisture and corrosive materials.
- For questions or instructions of your device wireless charging setup, please refer to your device manual or support.

Let's get started

Support Stand Assembly

For large size mobile devices, insert the support stand onto mounting holes at the back of the unit for larger area positioning.



Charging from the USB charging port

- The USB charging port is designed only for charging mobile devices (e.g. MP3 player, mobile phone, etc). It supplies 5V DC at charging current up to 1A.
- 2. Use proper USB cable (not included) to connect mobile devices to the USB charging port and charging will start.

Alarms and snooze

As well as a clock/calendar, there are two wake-up alarms with snooze facility. Your clock radio can be set to wake you to DAB, FM radio or buzzer alarm.

Ensure the time and date set before you can activate the alarm function.

Setting the alarm On/Off

 Press and hold MODE/ALARM button to enter ALARM 1 SETUP menu, or further press MODE/ALARM button can enter ALARM 2 SETUP menu.

Let's get started

- Turn TUNE/SELECT dial to select alarm ON or OFF, press TUNE/ SELECT dial to confirm. The display will show "SAVED".
- 3. Once the Alarm 1/Alarm 2 is set ON, the corresponding alarm icon (Q^1/Q^2) will show on the display.
- While at ALARM 2 SETUP menu, press MODE/ALARM button again will exit the Alarm Setup menu.

Alarm setup

- Press and hold MODE/ALARM button to enter ALARM 1 SETUP menu, or further press MODE/ALARM button can enter ALARM 2 SETUP menu. Press TUNE/SELECT dial to confirm selection.
- 2. Turn TUNE/SELECT dial to select the option below, then press TUNE/SELECT dial to confirm.

On time	00:00 (manually set up the time)
Duration	15/30/45/60/90/120 minutes
Source	Buzzer / FM / DAB (If the wake-up source is DAB and the signal strength is low, the Buzzer alarm will be triggered.)
Preset	Last listened or saved preset station (not available for Buzzer mode.)
Interval	Daily / Once / Weekends / weekdays (if you choose "Once". You are prompted to enter the required date.)
Alarm volume	Turn TUNE/SELECT dial to adjust the alarm volume(4-16)
Alarm On/Off	Turn TUNE/SELECT dial to select between alarm ON and OFF

 During alarm setup process, you may press MODE/ALARM button to exit the alarm setup menu.

Let's get started

3. The display will show "SAVED" after setup done. If the Alarm 1/2 is set ON, the corresponding alarm icon (Q^1/Q^2) will show on the display.

At the set time, the alarm will sound, quietly at first, then gradually building up to the set volume.

To cancel a sounding alarm and switch the radio to standby, press the **VOLUME**/ Φ dial or **MODE/ALARM** button..

Snooze

To temporarily silence a sounding alarm, press **SNOOZE/DIMMER** button and the display will go dim. You can change the snooze period by repeatedly pressing **SNOOZE/DIMMER** button. Snooze periods are 5, 10, 15 and 30 minutes. The radio returns to standby for the set time period with a snooze countdown displayed. When the countdown reaches 0 (zero) the alarm is triggered again.

 The options of Snooze time depends on which alarm duration time you selected.

Alarm duration time	Snooze time
15 minutes	5 or 10 minutes
30 minutes	5, 10, or 15 minutes
45/60/90/120 minutes	5, 10, 15 or 30 minutes

Press **VOLUME**/ **b** dial or **MODE**/**ALARM** button to fully cancel a sounding alarm and switch the radio to standby.

Let's get started

Display backlight

There are four backlight levels to choose.

To set the backlight level, repeatedly press the **SNOOZE/DIMMER** button and the brightness of the display will change in sequence: Off>High>Medium>Low

The backlight setting for Power ON mode and Standby mode was separated. Press the **SNOOZE/DIMMER** button under the target mode to adjust.

Every time when switching to Standby mode, the backlight setting for Standby mode will reset to default (Medium).

System settings

Sleep

- To set the sleep timer, press and hold INFO/MENU to enter menu, turn TUNE/SELECT dial to <SLEEP> and press TUNE/SELECT dial to confirm. Further turn TUNE/SELECT dial to select sleep time setting and press TUNE/SELECT dial to confirm.
- 2. The sleep delay time in minutes from: Sleep Off / 10 / 20 / 30 / 60 /70/80/ 90 minutes.

Once you select a sleep delay period, the screen will display " \bigcirc " icon to indicate that the sleep function is activated.

Time/date

- To set the time & date, press and hole INFO/MENU button to display the menu.
- Turn TUNE/SELECT dial to select <SYSTEM>, and then press TUNE/SELECT dial to confirm selection. Turn TUNE/SELECT dial to select <TIME>, then press TUNE/SELECT dial to confirm.
- 3. Turn the TUNE/SELECT dial to select the option below, then press TUNE/SELECT dial to confirm.:

Let's get started

Set time/date

Turn TUNE/SELECT dial to adjust the time and date, then press TUNE/SELECT dial to confirm

Auto update

Turn TUNE/SELECT dial to select FROM ANY, DAB, FM or NO UPDATE then press TUNE/SELECT dial to confirm.

Set 12/24 hour

Turn TUNE/SELECT dial to select 12 Hour or 24 Hour, then press TUNE/SELECT dial to confirm.

Set date format

Turn TUNE/SELECT dial to select MM-DD-YY or DD-MM-YY, then press TUNE/SELECT dial to confirm.

4. Press INFO/MENU to exit the menu.

Language

- 1. Press and hold INFO/MENU button to enter Menu.
- Turn TUNE/SELECT dial to select <SYSTEM>, press TUNE/SELECT dial to confirm.
- Turn TUNE/SELECT dial to select <LANGUAGE> and press TUNE/SELECT dial to confirm.
- Turn TUNE/SELECT dial to change the display language of your choice and press TUNE/SELECT dial to confirm.

Let's get started

Factory reset

- To perform factory reset, press and hold INFO/MENU to enter Menu.
- Turn TUNE/SELECT dial to select <SYSTEM> and press TUNE/ SELECT dial to confirm
- 3. Turn TUNE/SELECT dial to select <FACTORY RESET> and press TUNE/SELECT dial to confirm.
- Turn TUNE/SELECT dial to select <YES> to perform factory reset or <NO> to cancel.

Software version

- To view the software version, press and hold INFO/MENU to enter Menu.
- Turn TUNE/SELECT dial to select <SYSTEM> and press TUNE/ SELECT dial to confirm
- Turn TUNE/SELECT dial to select <SOFTWARE VERSION> and press TUNE/SELECT dial to confirm

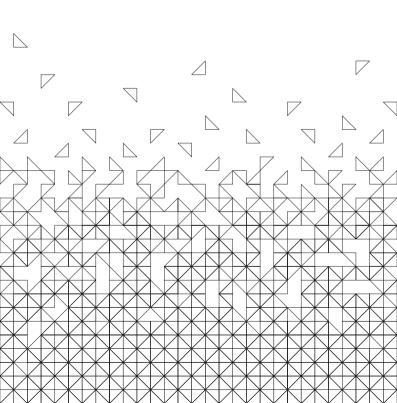
Using earphones

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



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.

Other information 4



Other information

Helpful technical information

Maintenance

Cleaning the unit



Ensure the unit is fully unplugged from the mains socket before cleaning.

- To clean the unit, 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 unit.

Specification

Model	NE-2019
Power Supply	Input: AC 100-240V ~50/60Hz, 0.5A Output: DC 5.2V 3A
Power Consumption	15.6 W
USB Charging Port	Output DC 5V 1A Max
Wireless Charging	Output DC 5W Max
Speaker Output Power	1x2W RMS
Operating Temperature	0 ~ 40°C
Net Weight	approx. 0.5kg
Dimension	190 (L) × 104 (W) × 82 (H) mm
Radio Frequency	FM 87.5 – 108 MHz DAB+ 174 – 240 MHz

Other information

Helpful technical information

Wireless charging frequency:	30 -1000 MHz
Standby power consumption:	>1W

Power adapter information

Manufacturer's name and address:

DONGGUAN BECKY ELECTRONICS TECH CO., LTD,

Yinyong Industrial Zone, Jinma Road, HengLi Town, Dongguan City,

Guangdong Province, China

Model Number:

BQ18B-0523000-B

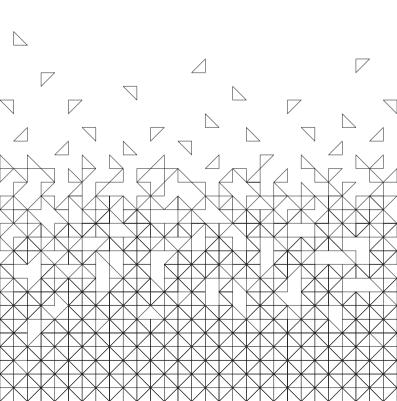
Input Voltage and Frequency: 100-240V ~ 50-60Hz Max. 500mA

Output Voltage:

DC 5.2V

Output Current: 3.0A
Output Power: 15.6W
Average Active Efficiency: 82.36%
Efficiency at low load (10%): 80.79%
No-Load Power Consumption: 0.052W

Features and specifications are subject to change without prior notice.



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.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 Rei.							
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.							
Date of							

This will be shown on your receipt

Local call rates applies*

4 - - I - I D - 6

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.

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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 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/

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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.

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.

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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.

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

BUSH

