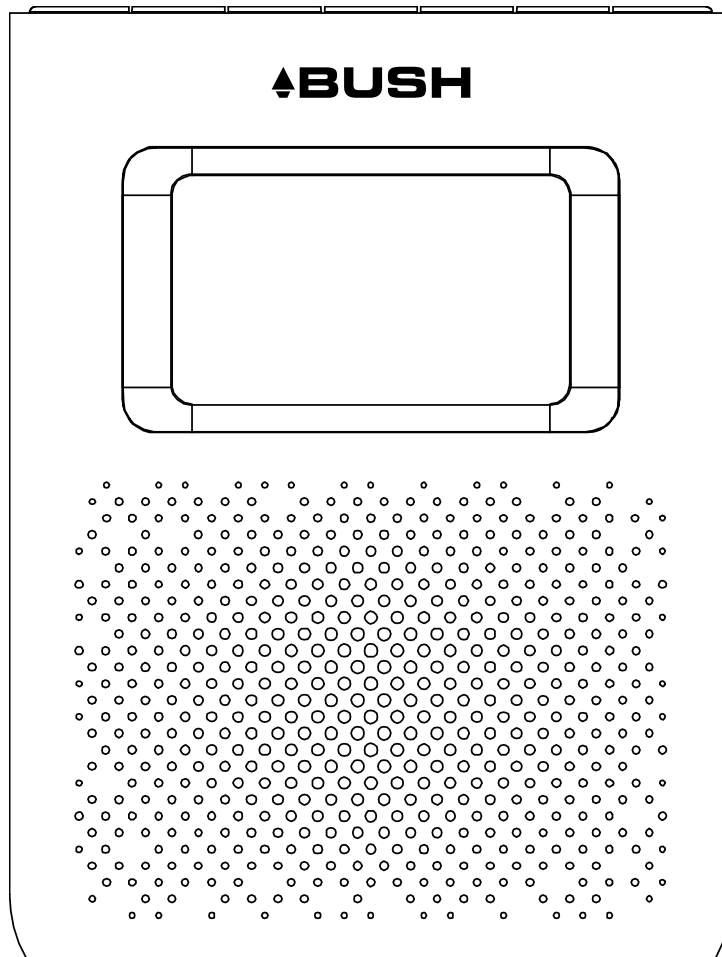


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## DAB+ Digital Alarm Clock Radio with Dock for iPhone



**BCR33DABIP**

The Gold Technical Support Line: 1902 215 259

(Charges will apply at \$2.95 per minute)

[www.bushaustralia.com.au](http://www.bushaustralia.com.au)

**BUSH**

# Safety Instructions

*Ensure that you read all of the safety instructions before using this unit.*

## Introduction

- Thank you for buying this product, which is designed to give you many years of trouble-free service.
- You may already be familiar with using a similar unit, but please take time to read these instructions.

## Safety is important

- Your safety and the safety of others are very important.
- Please therefore, ensure you read the “Safety Instructions” **before** you operate this unit.

## Safety Considerations

- Position the power cable and other connected cables so that they are not likely to be walked on, pinched or where items can be placed on or against them.
- Do not use the unit in humid or damp conditions.
- Do not allow the unit to get wet. You must keep it away from dripping or splashing water.
- Do not place the unit exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Never allow children to insert foreign objects into holes or slots on the unit.
- Do not cover the ventilation holes with items such as tablecloths, curtains, etc. This may cause the unit to overheat.
- Do not place it on top of other stereo equipment that radiates too much heat.
- Do not place it on an object which constantly vibrates.
- No naked flame sources, such as candles, should be placed on or near the unit.
- Do not place objects filled with liquids, such as vases or jugs, on or near the unit.
- Do not place the unit in a closed cabinet without proper ventilation.
- Operate tuning controls and switches as instructed in this manual.
- Before turning on the power for the first time, make sure the power cord is properly inserted.

## Caution

- For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.
- Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.

## Cleaning

- Disconnect the unit from the mains supply before cleaning.
- Do not use any liquids or aerosol cleaners, as this may damage the unit. Use a soft, dust free cloth.

## Servicing

- There are no user serviceable parts in the unit. When servicing, refer to a qualified service personnel.
- Consult your retailer if you are ever in doubt about the installation/operation/safety of the product.

# Contents

Safety Instructions .....	2
Contents & What is DAB+ .....	3
Your DAB+ Radio .....	4
Getting Started and Using DAB+ Radio .....	5
Using DAB+ Radio.....	6-7
Using DAB+ and FM Radio.....	8
Using FM Radio .....	9
Playing AUX IN and iPod/iPhone .....	10
System Setup.....	11-13
Troubleshooting and Technical Specification.....	14
Warranty.....	15

# What is DAB+

**DAB+** (Digital Audio Broadcasting Plus) uses digital compression techniques to transform the source material, radio broadcasts featuring speech and music, into better quality audio.

## Interference Free Reception

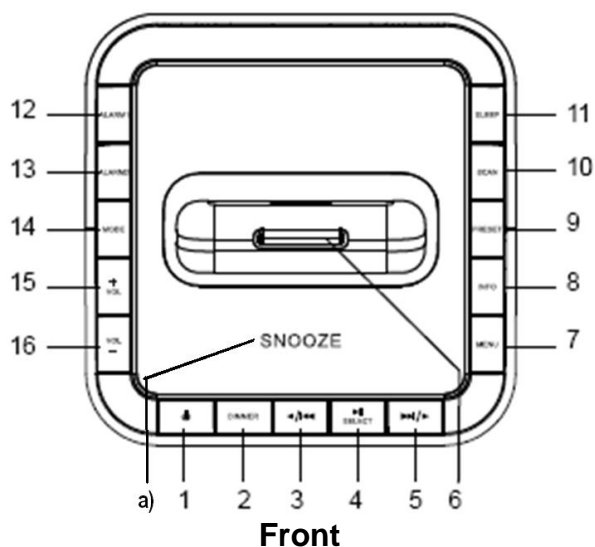
Analogue systems suffer from an effect called “multipath distortion”. This is because waves do not behave in an orderly fashion, but bounce and reflect off buildings etc. **DAB+** sees this as an advantage and uses the directed and reflected signals to reinforce the end result, allowing for better service more of the time.

**DAB+** scans automatically and tunes-in all of the available stations in your area.

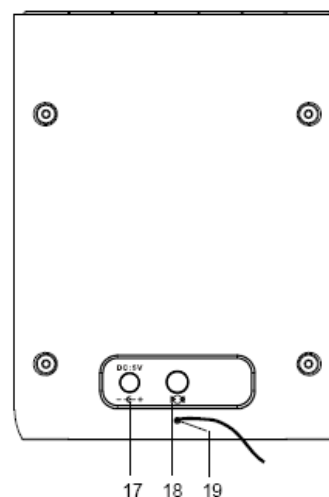
## Scrolling Text

Broadcasters can transmit text to your radio. This way you can read the name of the DJ, artist, song title, news or weather information or any other information they choose to display.

# Your DAB+ Radio



Front



Back

No.	Button & sockets	Descriptions
1		Press to turn on/off Radio. When the alarm sounds, press to turn the alarm off
2	<b>DIMMER</b>	Press to adjust the backlight level of your radio display
3		Press to move left when browsing options or skip backwards
4	 SELECT	Press to confirm an option or to pause or play audio in iPod mode
5		Press to move right when browsing options or skip forwards
6	<b>Dock for iPhone/iPod</b>	Dock to connect iPhone or iPod to for music playback and charging
7	<b>MENU</b>	Press to access the Main Menu or select other menus
8	<b>INFO</b>	<b>DAB and FM Mode use only:</b> Press to browse broadcast station information
9	<b>PRESET</b>	<b>DAB and FM Mode use only:</b> Press to access presets
10	<b>SCAN</b>	<b>DAB and FM Mode use only:</b> Press to activate scan function
11	<b>SLEEP</b>	Press to set sleep time
12	<b>ALARM 1</b>	Press to set alarm 1. When the alarm sounds, press to turn the alarm off
13	<b>ALARM 2</b>	Press to set alarm 2. When the alarm sounds, press to turn the alarm off
14	<b>MODE</b>	Press to change mode between DAB/FM/iPod/Aux In modes
15	<b>+ VOL</b>	Press to increase volume
16	<b>VOL -</b>	Press to decrease volume
a)	<b>SNOOZE</b>	When the alarm is sounding, touch to delay the alarm
17	<b>DC Socket</b>	Connect the DC power adapter (5V) to this socket
18	<b>AUX IN Socket</b>	This socket allows your radio to be used as an external speaker for MP3 players, CD Players and similar devices by connecting an auxiliary cable between the two devices
19	<b>Antenna</b>	Position the antenna to optimise DAB+/FM signal reception to your radio

# Getting Started and Using DAB+ Radio

Carefully remove your **DAB+ Receiver** from the box. You may wish to keep the packaging for future use.

## In the Box

- **Inside the box you will find:**
  - DAB+ Radio (Main Unit)
  - Power Adapter
  - User Guide

## Positioning your DAB+ Radio

Place your **DAB+ Receiver** on a flat / stable surface. Make sure it is not subject to vibration/ movement.

### Avoid the following locations:


- Where it may be close to heat radiating sources.
- Where the humidity is high and/or the ventilation may be poor.
- Where it may be dusty.
- Where it may be damp or possible for water to drip or splash onto the unit.



## Adjusting the Antenna

The antenna should be extended to ensure good reception in both DAB+ and FM radio modes. It may be necessary to alter the position of the **DAB+ Radio** and /or the antenna to achieve the best signal.

# Using DAB+ Radio

## How to Turn the Unit on

- Connect the Power Adapter to the DC socket on the back of the unit. Insert the Power Adapter into the desired wall outlet, 'Welcome to Digital Radio' will appear on the display followed by 'Time is not set'.
- Press the  button to turn the unit on conduct a full station scan in DAB mode and to automatically set the time. Alternatively, you may 'set the time' by following the description on page 11.

 **Note:** If you want to turn off the unit, you simply need to press the  button again.



- The full scan may take 1-2 minutes to complete and store all stations located.

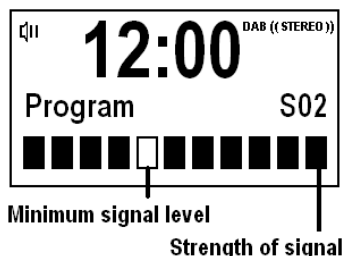
 **Note:** a. DAB+ stations will be displayed in alphanumeric order. The first station in the list will be played after scan.

b. If no DAB+ signal is found in your area, it may be necessary for you to relocate your radio and perform another scan.

# Using DAB+ Radio

## Displaying Signal Strength

1. While a DAB+ program is playing, press the **INFO** button repeatedly until the LCD screen displays a signal bar to show the signal strength of this program.

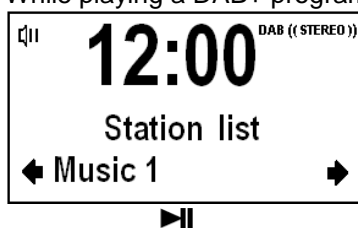


The indicator on the signal bar shows the minimum acceptable signal level.

**Note:** Stations with signal strength below the minimum signal level will not provide a steady stream of audio.

## Tuning to Another Station

1. While playing a DAB+ program, press the **◀/⏮** or **▶/⏭** button to enter the Station list.

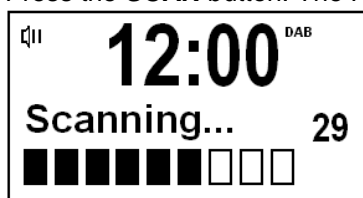


2. Press the **SELECT** button to select to play the desired station.

## Updating the Station List

**Note:** It's a good idea to carry out a scan and then make sure that you have the most up to date station list stored in the memory of your radio.

1. Press the **SCAN** button. The Full Scan will scan automatically and store all available stations.

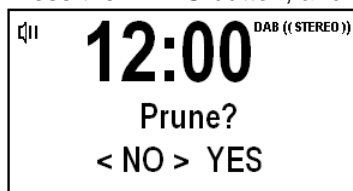


**Please note that** there is also an alternative way to conduct this function, the path is: press **MENU** → **Full scan**, press the **SELECT** button to confirm.

## Remove Inactive Stations

**Note:** By following this process, inactive stations will be removed from your radio station list.

1. Press the **MENU** button, and then press the **◀/⏮** or **▶/⏭** button to **Prune**, press the **SELECT** button to confirm.



2. Press the **◀/⏮** or **▶/⏭** button to **YES**, press the **SELECT** button to confirm.

# Using DAB+ Radio

## Browse Station Information

Whilst listening to your desired DAB+ Radio program, you can view station information by pressing the **INFO** button repeatedly. Please refer to the flow chart for details.

### Signal Strength:

Shows a signal bar with the strength of the current station you are listening to.

### Program Type (PTY):

This is a description about the type of program provided by the DAB+ station or by broadcaster.

### Multiplex Name:

This will show the multiplex that is broadcasting the program you are listening to.

### Frequency:

This is the transmission frequency of the station you are listening to.

### Signal error data:

Shows the signal error data of current playing program.

### Digital bit rate

Shows the digital bit rate and the signal mode.

### Program format

Shows what sort of program type your current playing program belonging to.

### Time:

This displays the current time which is provided by the broadcaster.

### Date:

This displays the current date which is provided by the broadcaster.

### Dynamic Label Segment (DLS):

DLS is the scrolling text information supplied by the DAB+ station or by the broadcaster. **Note that** some programs may not provide DLS info.



# Using DAB+ and FM Radio

## Set Station Presets

Your radio can store 10 DAB+ & 10 FM Station Presets.

### To Store Presets:

1. While playing a DAB+/FM program which you wish to set as a preset, press and hold the **PRESET** button until it says “**Preset Store #: (Empty)**”.



2. Press the **◀/⏮** or **▶/⏭** button to step through the Preset numbers 1 - 10.
3. Once you have found your desired preset position, press the **▶||** **SELECT** button, and it will say: “**Preset # stored**” ([# stands for the preset numbers 1-10](#)).

## Play a Preset Station

### To select a stored station for the list of presets:

1. Press the **PRESET** button to access the list of preset stations.



2. Press the **◀/⏮** or **▶/⏭** button to locate the preset number you wish to listen to and then press the **▶||** **SELECT** button to confirm.




# Using FM Radio

## FM Mode

### Switch to FM mode









1. Press the **MODE** button to switch to FM Mode from DAB Mode.

 **Note:** If your radio currently in AUX/iPod mode, you can shift to FM Mode by repeatedly pressing the **MODE** button.





Once in FM mode, it will start at the beginning of the FM frequency range (87.50MHz), or it will play the last FM station you were listening to.

### Manual Scan


1. To manually change the FM frequency, press the /  or /  button to adjust the FM frequency by 0.05MHz per press, or press and hold /  or /  to scan backwards or upwards for the next station.

### Automatically Scan


1. **To auto-search**, simply press the  button or the **SCAN** button.

 **Note:** a. The display will show the frequency changing until it stops on the next station.  
b. To 'auto-search' more effectively, please refer to below for 'how to conduct scan setting'.

### Modify Scan Setting

1. By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (interference) from weak stations.
2. To change the scan settings to stop only at stations with good signal strength, press **MENU** → **< Scan setting >**  → **'Strong stations only'** press the **SELECT** button to confirm.

### Modify Audio Setting


1. By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).
2. To play weak stations in mono, press **MENU** → **< Audio setting >** → **Forced mono**, press the  **SELECT** button to confirm.

### View Station Information

1. Whilst listening to your desired FM program, you can browse the station information by pressing the **INFO** button repeatedly such as Radio Text, Program Type, Station Name, Audio Type (Stereo or Mono), Time and Date.

# Using AUX IN and iPod/iPhone

## AUX IN Mode






 **Note:** Your radio has an auxiliary audio input which you can use to let your radio be used as an external speaker for MP3 players, compact disc players and similar devices.

1. Connect the external audio source to the radio's AUX IN socket (on the back of the radio) by using a 3.5mm auxiliary cable (available from your local electrical retailer).
2. Press the **MODE** button repeatedly to switch to AUX IN mode.
3. Use the volume, bass and treble controls on your radio to adjust the sound level if needed. Please note that you may also need to set the output level on your external device to a higher level than normal listening.
4. Remove the lead from the Line input in order to resume normal operation of your radio.

## iPhone/iPod Mode

1. When docking an iPhone or iPod, music files stored on your iPhone/iPod can be played through the speaker. The method of playing music from an iPod or iPhone are alike, below are instructions on how to play an iPod as an example.


### **Docking your iPod**

1. Insert your iPod into the connector dock on top of the unit. The iPod will show that it is charging if it has been connected correctly.
2. Select iPod mode by pressing **MODE** repeatedly until iPod mode is displayed.
3. If your iPod has not been connected correctly, it will display Insert iPod, in which case disconnect the iPod and then connect to the dock again.
4. Playing Music:
  - a. Press the  **SELECT** to play or pause music being played.
  - b. Press the  or  button to skip backward or forward through the song list.
  - c. Press the  **VOL** or  button to adjust volume level.


Alternatively, you can select and play songs directly from your iPod.

# System Setup


## Set Sleep Time





1. Press the **SLEEP** button to enter sleep setting, and then press the **SLEEP** button repeatedly to define the sleep period: off/15/30/45/60/90 minutes.
2. When your expecting sleep time shows on, simply stop pressing the **SLEEP** button, simultaneously, the sleep icon  will be displayed on screen.






3. Want to check how long before your unit will enter standby? Press the **SLEEP** button for this to be displayed.
4. The unit will automatically put itself into standby mode after the set time has elapsed.
5. Simply press the  button if you want to listen to your unit again after the set Sleep time has elapsed.

## Set Audio




 **Note:** Audio refers to the equalizer settings of your radio.

1. The path is: press **MENU** → **< Audio >** → **Bass/Treble**, press the  button, and then press the  or  button to adjust its value among -3 to +3.
2. When your preferred value shows up, press the  button to confirm.

## Set the Time


1. The path is: press **MENU** → **< Time >**, press the  button, and then press the  or  button to view options as below:
  1. **<Set 12/24 hour format>**: '**Set 24 hour**' and '**Set 12 hour**'
  2. **<Set Time/date>**: *Manually set-up both Time and Date*
  3. **<Auto update>**: '**Update from DAB**' and '**No update**'
2. Then set the time according to your personal preference.



## Set Snooze time

1. The path is: press **MENU** → **< Snooze Time >**, press the  button.
2. Press the  or  button to your desired setting: 5/10/15/20/25/30 minutes.









# System Setup

## Set Alarm



 **Note:** before you set the Alarm, make sure that the **clock time** and **snooze setting** are already set.

1. Press the **ALARM 1** or **ALARM 2** button when the unit is on or in standby, the relative alarm icon  or  will flash.





2. Using Alarm 1 as example, press the **SELECT** button to confirm "**Alarm 1 Setup**", your radio will begin '**Alarm 1 Wizard**', follow your display's instructions, configuring the following parameters:
  1. **Alarm On/Off:** Press the /  or /  button to 'On', press the **SELECT** button to confirm.
  2. **On time:** 06: 00 (alarm sounding time)
  3. **Duration time:** 15/30/45/60/90 minutes (alarm sounding lasting period)
  4. **Source:** Buzzer/DAB/FM/iPod, **note that** if the set alarm time comes but no iPod/iPhone is docked, the alarm will use the buzzer instead.
  5. **Alarm frequency:** Daily, Once, Weekends or Weekdays
  6. If once is selected, you need to select the date of this alarm setting
  7. **Alarm volume:** press the /  or /  button to select your desired alarm volume, and then press the **SELECT** button to confirm, the unit will display '**Alarm saved**'.

## Operate SNOOZE

- When the Alarm is sounding, touch the **SNOOZE** area on top of your radio to activate the snooze function to postpone the alarm, please note that the snooze time should be set in advance as per previous page instruction.
- While in SNOOZE function, the relative alarm should blink, and display how long has elapsed, during this time, you also can press the  button to stop snooze, and press the  button again to have your unit play. When the unit reaches the end of the set SNOOZE time, it will sound again.

## Turn Off the Alarm

 **Note:** a. To turn alarm the alarm off temporarily, when the alarm is sounding press the  button; To turn it off permanently, please follow below option 2.

1. Press the **ALARM 1/ALARM 2** button to enter the desired alarm setting.

## System Setup

- ▶||
2. Press the ◀/◀◀ or ▶▶/▶ button to “Off”, press the SELECT button to confirm, once confirmed it will display ‘Alarm saved’.

### Set the Language

- ▶||
1. The path is: press MENU → < Language >, press the SELECT button.
  2. Press the ◀/◀◀ or ▶▶/▶ button to your preferred language option, press the SELECT button to confirm.

### Perform a Factory Reset

🔪 **Note:** Conducting a Factory Reset will reset and delete all unit settings including alarms and stored stations. It will return the radio to its original factory settings.

- ▶||
1. The path is: press MENU → < Factory Reset >, press the SELECT button.
  2. Press the ◀/◀◀ or ▶▶/▶ button to ‘Yes’, press the SELECT button to confirm.

### Display the Software Version

🔪 **Note:** In the event that you experience any issues with this product, the helpdesk may ask you for the software version of your product.

- ▶||
1. The path is: press MENU → < SW Version >, press the SELECT Button, the display will show the software version as outlined below:



### Set the Display Dimmer

🔪 **Note:** This unit offers different display dimmer levels, ranging from low to high.

1. Press the DIMMER button repeatedly to adjust the dimmer settings.

### Adjust the Volume Level


- +
- VOL
1. Press the VOL or - button repeatedly to adjust your volume level.

# Troubleshooting and Technical Specifications

## Troubleshooting

If you experience any difficulties with this product, please check the potential problems listed below. In the event that you are unable to solve the problem by following the below suggestions, please refer to the following page for assistance.

**WARNING:** Under no circumstances should you try to repair the unit yourself, as this will invalidate the warranty and could cause injury or death.

PROBLEM	POSSIBLE CAUSE	SOLUTION
No Sound	The Volume may be set too low. Check that you are not in Aux In mode or Standby. The Power Cord may not be connected correctly.	Adjust the Volume level of the radio. Press the MODE button to change modes. Reconnect the Power Cord firmly.
The Buttons on the unit are not responding	The unit may be in standby. Interference from other electrical equipment.	Press the  button to ensure that the unit is on. Turn the unit off and disconnect the Power Cord. Wait for 10 seconds, then reconnect and turn the unit back on.
Radio Poor Reception	There is weak aerial signal or there may be interference from other electrical equipment.	Reposition the aerial and the unit for better reception. Keep the unit away from other electrical equipment.

## Technical Specifications

Specifications .....	DAB+ and FM Digital Radio
Power output .....	1.5W RMS
Frequency Range.....	FM: 87.5-108MHz    DAB+: 174 – 240MHz
LCD Display.....	High Resolution Display
Power Supply.....	AC Power Input: 100-240V, 50-60Hz , Output 5V DC
Unit Dimensions.....	109mm x 109mm x 145mm

# Warranty

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for 12 months years after the original date of purchase. This product is for normal domestic and office use only.

This warranty does not cover damage from misuse or neglect , accidental damage, vermin infestation, excessive voltages such us lightning or power surges or any alternation that affects the performance or reliability of the product.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In the unlikely event that your product fails to work normally, please contact **Bush Warranty on 1800 509 394 (Australia) or 0800 450 259 (New Zealand)** & have your receipt of purchase on hand.

**This guarantee is subject to the following provisions:**

- It is only valid within boundaries of the country of purchase
- The product must be correctly assembled & operated in accordance with the instructions contained in the manual
- This product must be used solely for domestic purposes
- The guarantee does not cover accidental damage
- The guarantee will be rendered invalid if the product is resold or has been damaged by inexpert repair
- The manufacturer disclaims any liability for incidental or consequential damaged

**This guarantee is in addition to, & does not diminish, your statutory or legal rights.**

PO BOX 6287

Silverwater NSW 1811

[www.bushaustralia.com.au](http://www.bushaustralia.com.au)

**Bush Warranty: 1800 509 394 Australia**

**Bush Warranty: 0800 450 259 New Zealand**

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