



BUSH

INSTRUCTION MANUAL

FREEVIEW HIGH DEFINITION DIGITAL SET TOP BOX



The Gold Technical Support Line: 1902 215 259
Personal Product Support
(Charges will apply at \$2.95 per minute)

DFTA50FVE





Introduction

Thank you for buying this Bush 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. They are designed to familiarise you with the unit's many features and to ensure you get the very best from your purchase.

Safety is important

Your safety and the safety of others is important. Therefore, please ensure you read the "Safety Instructions" before you operate this unit.

Warranty

In the unlikely event that your product fails to work normally, please call the below free phone number to discuss the problem with one of our qualified service engineers.

Australia.

Bush Warranty: 1800 509 394

New Zealand

Bush Warranty: 0800 450 259



Welcome

Thank you for choosing this Bush Freeview High Definition Digital Set Top Box. You will be able to receive all Freeview High Definition and Standard Definition digital TV channels, as well as detailed program information with the Freeview 8 Day Electronic Program Guide. For more information about Freeview visit www.freeview.com.au.

It's really simple to use; With easy to understand on-screen menus which are operated from the remote control. It also has a reminder function so that you won't miss your favourite programs.

freeview

A Freeview Digital Set Stop Box gives you access to up to 16 free-to-air channels, with no fees or subscriptions. For more information on Freeview please visit www.freeview.com.au

digital 
Approved product

A digital box lets you access the free digital channels that are broadcast in the Australia. It uses a digital signal, received through your normal aerial and lets you watch it through your existing television.

DOLBY
DIGITAL PLUS

This product is capable of receiving and decoding Dolby Digital Plus.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

HDMITM
HIGH DEFINITION MULTIMEDIA INTERFACE

This product has a HDMI connector so that you can watch high definition TV via a HDMI lead when connected to a HD Ready TV.

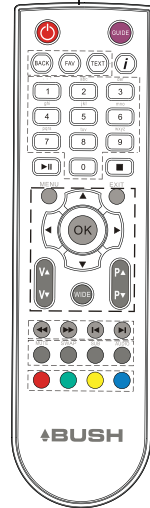
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

What's in the box?

Your new set top box



Remote control



Quick start guide

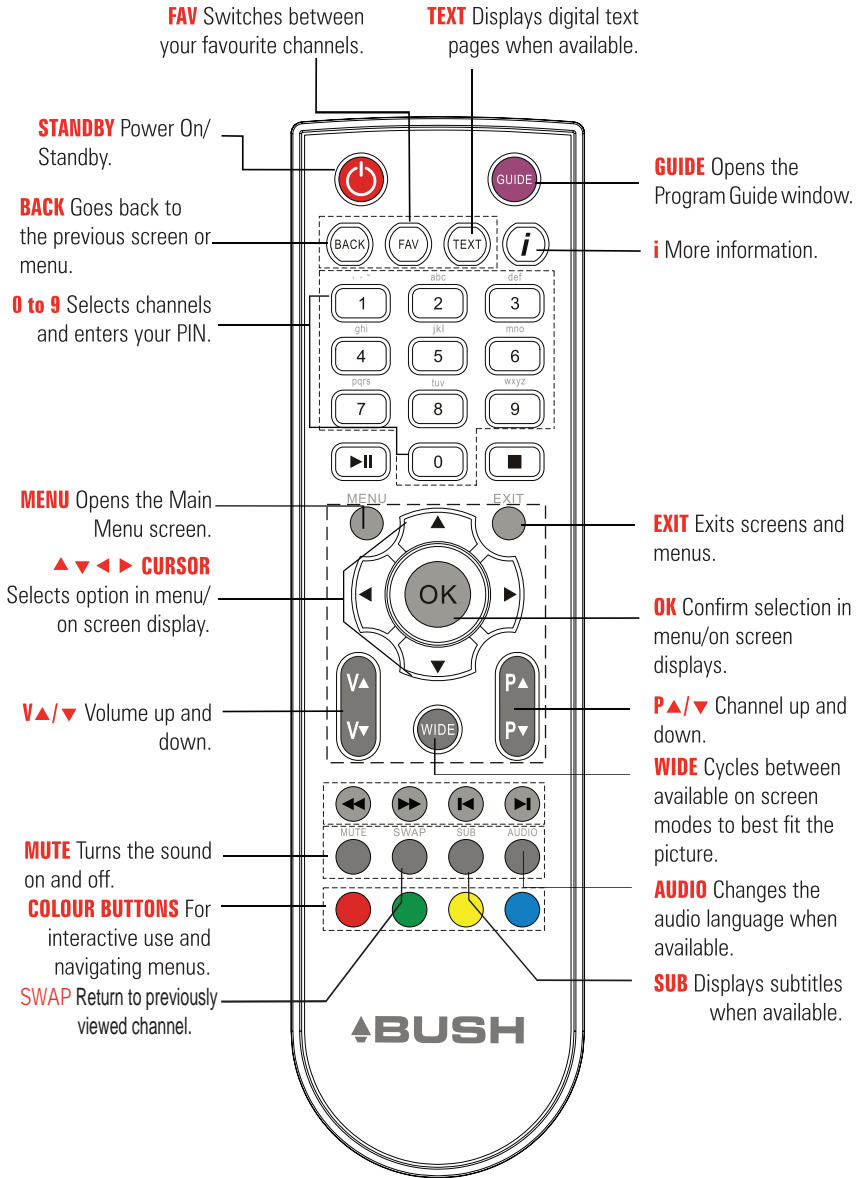


2 x AAA batteries



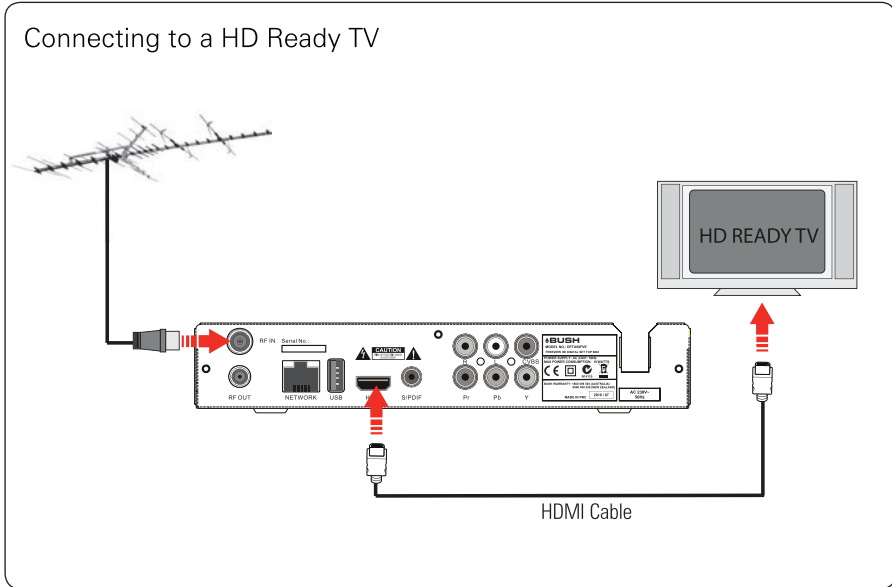
Contents

01	Your set top box.....	3	09	The system information menu.....	20
02	Your remote control.....	4	10	The channel tuning menu..	21
03	Connecting up.....	5	11	Help and advice.....	22
04	Getting started.....	6	12	Safety.....	25
05	Daily use.....	7	13	Technical Specification.....	26
06	The guide window.....	10			
07	The channel list.....	12			
08	The settings menu.....	15			



03 Connecting up

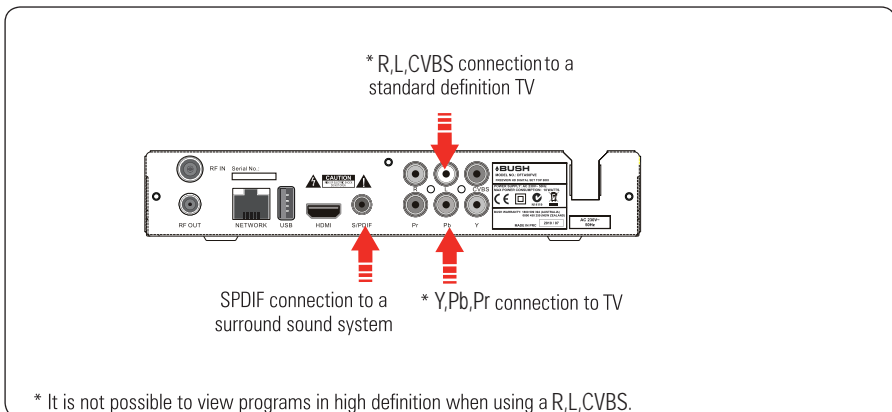
Getting connected



Connect the cable that comes from your aerial to the RF IN socket on the back of your set top box.

Connect the HDMI cable between the 'HDMI' socket on the back panel of your set top box and a HDMI socket on your TV.

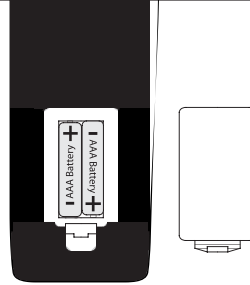
Other connections



1

Put batteries in the remote control

Open the battery cover of the remote control and put two AAA size batteries so that the '+' and '-' marks on the batteries match the '+' and '-' marks inside the remote control. Replace the battery cover.



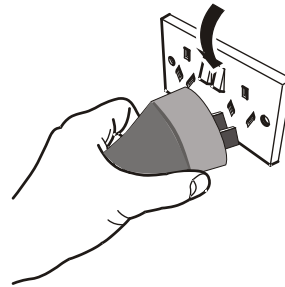
2

Plug in and switch on

Connect the AC plug to wall outlet.

Switch your TV On and select HDMI.

Your set top box will turn on automatically.



3

The first time install screen

The first time install screen will appear on screen.

Follow the instructions on screen to complete the installation.



05 Daily use

We have divided this user guide into separate sections, so that you can find the information you're looking for more easily. This section covers the day to day functions that you will use most often.

Using standby

When you're not watching TV, you should set your set top box to standby.

Press the **[STANDBY]** button to switch between on (Standby Indicators red) and standby.

If you plan to leave your set top box unattended for a long time, put the set top box in standby and wait 5 minutes before switching it off at the mains.

DON'T FORGET! Whenever you switch into standby, the set top box will perform a search for all available software upgrades. This will take up to 5 minutes to complete.

DON'T FORGET! If your set top box is connected to the mains supply and a power-cut occurs, your set top box will turn on automatically when power is restored.

Changing the channel

You can also select the channel you want to watch by using the **[P▲]** and **[P▼]** buttons on the remote control. Alternatively you can use the number buttons to key in the channel number.

When you change the channel the information bar will be displayed for a few seconds.



This shows the details of the program currently showing and the next program.

Changing the volume

You can change the volume using the **[V▲]** and **[V▼]** buttons on the remote control. You can turn off the volume by pressing the **[MUTE]** button. To turn it back on press the **[MUTE]** button again.

The information screen

If you want to see information about the program you are watching, you can press the **[i]** button.



Use the **[▲]** and **[▼]** buttons to select different channels, and the **[◀]** and **[▶]** buttons to view the now and next programs.

DON'T FORGET! If you want to set a reminder, you can press the **[GREEN]** button when a future event is selected.

Audio channel

Sometimes different audio languages are available with certain programs or channels.

Press the **[AUDIO]** button to see the available languages.



Use the **[▲]** and **[▼]** buttons to select a different audio channel. Press the **[OK]** button to confirm the setting.

Subtitles

Press the **[SUB]** button to toggle the subtitles on and off.

DON'T FORGET! Not all programs have subtitles. You can use the information bar to see if the blue 'SUB' icon is shown.

DON'T FORGET! When you change channel subtitles will be turned off automatically. If you want subtitles to stay on all of the time, select On in the subtitles setting menu. See page 15 for more information.

Aspect ratio

You can select the aspect ratio or screen size which best suits your TV depending on the program that you are watching.

Programs are broadcast in both 4:3 (square) and 16:9 (widescreen) formats.

Press the **[WIDE]** button to toggle between the available formats to best show the program.

Back button

Press the **[BACK]** button to return to the previous screen or menu.

05 Daily use

The main menu

You can easily access the program guide window, channel list and various configuration menus through the main menu.



To open the main menu, press the **[MENU]** button.

Use the **[▲]**, **[▼]**, **[◀]** and **[▶]** buttons to navigate the main menu. Press the **[OK]** button to select an option.

Guide - You can open the program guide window from the main menu. For further information about the program guide window, see page 10.

Settings - The settings menu lets you configure the audio and visual settings of the set top box. For further information about the settings menu, see page 15.

Channel Tuning - The channel tuning menu lets you retune the set top box. For further information about the channel tuning menu, see page 21.

Channel List - You can open the channel list from the main menu. For further information about the channel list, see page 12.

System Information - The system information menu provides important information about your set top box.

In the unlikely event that you have to contact the helpline, you should have the system information menu open.

Navigation

You can open the program guide window by pressing the **[GUIDE]** button on the remote control. The guide shows you all of the programs and channels available for the next 8 days.

Use the **[▲]** and **[▼]** buttons to select different channels.

The **[YELLOW]** button will move backwards 24 hours and the **[BLUE]** button will move forwards 24 hours.

When you have chosen your program, press the **[OK]** button to watch it.

Press the **[i]** button to open additional information about the program.

06 The program guide window

Setting a reminder

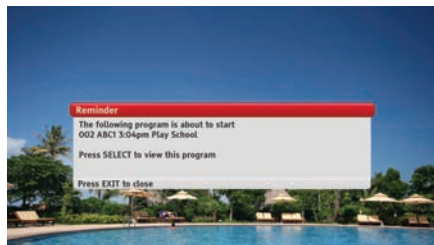
You can use the reminder function to let you know when a program is going to start.

Use the [▲], [▼], [◀] and [▶] buttons to select a program.

Press the **[GREEN]** button on the remote control to set the reminder. The reminder icon will then appear next to the program name.

DON'T FORGET! To cancel a program reminder, highlight the program where the reminder has been set, and press the **[GREEN]** button. The reminder icon will disappear and the reminder will be cancelled.

When the program is about to start, a reminder pop up will appear on screen.



To select the program, press **[OK]** or to remove the reminder pop up press **[EXIT]**.





You can open the channel list window from the main menu, see page 9.



This channel list allows you to delete, and lock channels, and setup a favourites channel list.

Channel list icons

	This channel has been selected as a favourite.
	This channel has been locked and will require the parental PIN to unlock it.

07 The channel list

Favourites

The favourites feature allows you to select your favourite at the touch of a button.

Use the [▲] and [▼] buttons to select the channel that you want as a favourite and then press the [FAV] button to add it to the favourite list. The [FAV] icon will be shown at the right hand side of the channel name.



To add additional favourite channels, use the [▲] and [▼] buttons to select the next channel that you want as a favourite and then press the [FAV] button.

To view a favourite channel while watching live TV, press the [FAV] button. The channel will change to the first available favourite channel. Press the [FAV] button again to view the next favourite channel.

Locking a channel

You can lock any channel so that it can only be accessed once the parental PIN has been successfully entered. You may want to do this to prevent children from viewing unsuitable programs.

Use the [▲] and [▼] buttons to select the channel that you want to lock. Press the [GREEN] button. The lock code window will appear.



Use the [NUMBER] buttons to enter the parental PIN and then press the [OK] button. The [LOCK] icon will be shown at the right hand side of the channel name.

To unlock a channel, use the [▲] and [▼] buttons to select the channel that you want to unlock and then press the [GREEN] button. The lock code window will appear again. Use the [NUMBER] buttons to enter the guidance PIN and then press the [OK] button. The [LOCK] icon will no longer be displayed.

Please note that the default pin code is "0000". This will allow you to set the parental control pin and to change the set password.



The channel list

07

Digital text

Your set top box gives you access to digital text for information on news events, weather and a variety of topics.

Digital text services vary depending on the country and channel.

DON'T FORGET! Some channels use the **[RED]** button to access digital text whilst you are watching TV. When this is available it is identified by a red circle in the top left part of the screen.

Press the **[TEXT]** button to view digital text. The index page will be displayed.

Use the **[NUMBER]** buttons to enter a page number or alternatively use the **[RED]**, **[GREEN]**, **[YELLOW]** or **[BLUE]** buttons to access shortcuts.

DON'T FORGET! Many broadcasters include on-screen instructions for using digital text on the index page.

Interactive digital text lets you interact with some TV programs and channels. If a program is interactive, the broadcaster's interactive symbol will be on the screen.



08 The settings menu

To open the settings menu, press the [MENU] button on the remote control and then select 'Settings'. Press the [OK] button to confirm.

Changing the settings

Use the [▲] and [▼] buttons to select a setting category.

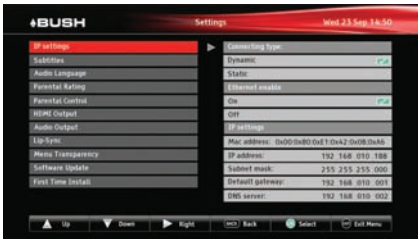
Press the [OK] button then use the [▶] button to view the available options for a setting category.

DON'T FORGET! A green tick will identify the current setting.

If you want to change a setting, use the [▲] and [▼] buttons to select a setting option and then press the [OK] button to confirm your setting. The current setting will be indicated by a green box on the right hand side of the setting option.

To exit the settings menu, press the [EXIT] button or alternatively press the [BACK] button to return to the main menu.

IP settings



TV Settings - This settings allows you to choose the connecting type and set the IP. You should connect the internet.

Subtitles



Subtitles Language - This setting is your preferred default language. The language is English.

DON'T FORGET! Not all programs have these languages available. If your preferred setting is not available, English language will be used instead.

Subtitles mode - This setting allows you to turn subtitles on or off and control when they appear. Select 'On' if you want subtitles to appear all of the time.

DON'T FORGET! If subtitles is turned On via the remote control, subtitles will be turned off when you change channel.

If you choose 'ON for hearing impaired', subtitles will automatically be shown with additional narrative that describes the scene, in addition to the standard subtitles.

Audio language



Audio Language - This setting is your preferred default audio language. The language is English.

DON'T FORGET! Not all programs have these languages available. If your preferred setting is not available, English language will be used instead.

Parental Rating



This settings allows you to set the view rating.

Parental control



Allow parental changes - If you wish to activate the parental control setting, select on in the parental control menu. You will be able to set parental control ratings based on the age rating for the programs you wish to lock. To change setting you will need to enter your parental pin

code. If you have not set a code, you can enter the default password and this will allow you to change the setting and set a new password. This new password will be set for all locked areas.

Change PIN Code - This setting allows you to change the parental PIN.

DON'T FORGET! You have set the parental PIN when you installed the set top box. You will need to enter the current parental PIN before you are allowed to change it. If you have forgotten your set password you can enter the UI page "Enter the Pin Code" , press "INFO" key to enter Override code mode, use the override password 5983 to change back to Original Pin Code "0000".

HDMI output



This is the setting which controls the video resolution when your set top box is connected to your TV using a HDMI cable. You can choose between 576p, 720p, 1080i and 1080p.

You should choose 720p if you have a first generation HD Ready TV or 1080p if you have a full HD Ready TV. If you are unsure of what HDMI video resolution your TV can use, you should refer to the documentation supplied with your TV or contact your retailer.

DON'T FORGET! If you want to use the set top box with a different TV, you may have to choose another HDMI output setting. It is recommended that you choose the 576p setting before connecting the set top box to another TV.

08 The settings menu

Audio output



This allows you to choose the audio output settings when the set top box is connected to a surround sound system using the HDMI or SPDIF connections. If your set top box is connected to a Dolby Digital + compatible surround sound system, you should choose Dolby. If your sound system cannot use Dolby Digital +, choose Stereo.

DON'T FORGET! If you choose the Dolby Digital + setting when connected to a incompatible sound system, no sound will be heard.

Lip-sync



Change settings - This allows you to adjust the synchronisation between the audio and video. This is not necessary for normal installation and is only sometimes required when connected to a surround sound system.

To adjust the synchronisation, use the [▼] button to select 'Lip-sync'. Press the [▶] button to select 'change settings' then press the [OK] button.

The default setting is 0 ms (milliseconds).



Use the [◀] and [▶] buttons to adjust the synchronisation. Press the [EXIT] button to return to live TV.

Menu Transparency



Change settings - This allows you to set the menu transparency.

Software upgrade



The set top box will automatically search for new software whenever the set top box is placed in standby. If you want to manually search for software updates this can be done in one of two ways using the 'Software Upgrade' setting.

To manually search for software updates, use the [▲] and [▼] buttons to select 'Software Upgrade'. Press the [OK] button to check for all available software upgrades. The following screen will appear.



The set top box will first search the USB socket for any downloaded software upgrades. If none are found, then the set top box will search for Over-Air Downloads (OADs). OADs can be received through your aerial and are transmitted when an upgrade to your set top box is required.

DON'T FORGET! New software may be available on our support site. Go to www.bushaustralia.com.au and follow the on-screen instructions. The USB stick must be FAT32 formatted. The software upgrade must be saved in the root directory of the USB memory stick.



If a software upgrade is found, use the [▲] and [▼] buttons to select 'Download and install now'. Press the [OK] button to download the software upgrade. Alternatively, select 'Remind me later' to install the software upgrade at a later time.



When the software is successfully downloaded, a confirmation message will be displayed. After the software upgrade, press [OK] and the set top box will restart.

08 The settings menu

First time installation



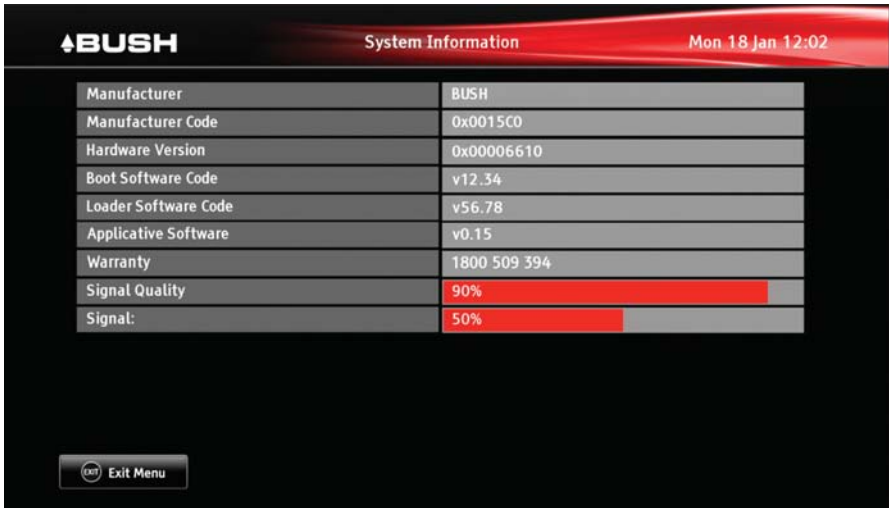
This setting allows you to reset all your settings and perform a first time installation. For more information on first time installations, see page 6 or refer to the quick start guide.

DON'T FORGET! You will need to enter your PIN before you can perform a first time installation.

DON'T FORGET! By performing a first time installation you will reset all options in the settings menus, cancel reminders, remove favourites and reset the PIN code.

The system information menu

09



To open the system information menu, press the **[MENU]** button on the remote control and then select 'System Information'. Press the **[OK]** button to confirm.

In the unlikely event that you have to contact the helpline, you should have the system information menu open.

The system information menu provides important information about your set top box.

10 The Channel tuning menu



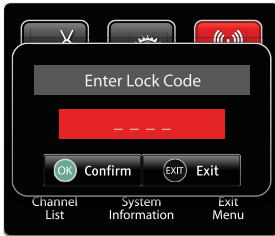
The channel tuning menu allows you to search for new channels at any time without losing any of your set top box settings.

To open the channel tuning menu, press the **[MENU]** button on the remote control and then select 'channel tuning'. Press the **[OK]** button to confirm.



Your set top box will search for all available channels. The progress and signal strength bars are shown for reference.

The retune is now complete. The first available channel will be displayed.



You must enter the parental PIN using the **[NUMBER]** buttons. Press the **[OK]** button to confirm your PIN.



To retune your set top box, press the **[OK]** button. Alternatively, press the **[EXIT]** button to return to the main menu.

Frequently asked questions	What you can do
The set top box will not switch on. What should I do?	Check the mains power cable and make sure it is plugged into a suitable power outlet. Check that the mains supply is switched On. Connect the power cable to a different power outlet.
The set top box does not seem to work and there is nothing shown on the TV.	<p>Are the Standby Indicators blue? If they are not:</p> <ul style="list-style-type: none"> • Press the [STANDBY] button on your remote control. • Make sure that all cables are firmly connected to the set top box and TV. • Check that the set top box is properly plugged into the power supply. <p>If the standby indicators are blue:</p> <ul style="list-style-type: none"> • Check you have the correct channel and input selected on your TV. • Check that all cables are correctly attached. • Check the brightness level of the TV. • If you have connected the set top box to your TV using a HDMI cable, ensure the correct settings have been chosen for your TV. For more information, see page 16.
The picture appears to be 'squashed' or 'cut off'.	Make sure the aspect ratio settings are suitable for your TV. For more information, see page 8.
I forgot to plug in the aerial when I set up the set top box. What should I do?	Switch off your set top box at the mains supply. Plug in the aerial. Switch the set top box mains supply back on and perform a retune. For more information, see page 21.

11 Help and advice

Frequently asked questions	What you can do
The picture or sound keeps breaking up.	<p>There are several possible causes of this type of problem.</p> <ul style="list-style-type: none">• Your signal may be weak, you may have an old, low performance or damaged aerial, or the cable between your aerial and TV may be damaged. Check for any obvious damage to the aerial and cables and make sure that the connectors are properly fitted. If this does not work, get a professional to check the installation – your aerial may provide a better signal if it is moved somewhere else.• Please remember that older aerials and indoor aerials aren't as effective as new outdoor and roof aerials. Or, try using a signal amplifier or booster to improve the reception. Check the digital TV coverage in your area. For more information about digital TV reception, please visit www.freeview.com.au.
No channels were found when searching for channels. I am missing some channels.	<p>Some TV channels are not available in every area. Use the postcode checker on www.freeview.com.au.</p> <p>Your signal may be weak. Get a professional to check your installation – your aerial may provide a better signal if it is moved somewhere else. Please remember that older aerials and indoor aerials aren't as effective as new outdoor and roof aerials. Or, try using a signal amplifier or booster to improve reception. You may need to scan the digital channels again. For more information on retuning, see page 21.</p>
I cannot see digital channels after I have moved the set top box to a different house.	You will need to retune your set top box. For more information on retuning, see page 22.
I have forgotten my guidance PIN.	Contact the helpline on 1902 215 259 who will be able to help you reset your PIN. Don't forget to have your system information available. For more information, see page 20.

Frequently asked questions	What you can do
<p>The set top box is behaving in an unusual way, for example, the wrong information is on the screen.</p>	<p>Press the [STANDBY] button on your remote control to turn the set top box off and then on again. If there is no improvement, put the set top box in standby, switch it off at the mains and leave it for 10 seconds before switching it back on.</p> <p>If this does not solve the problem, contact the helpline on 1902 215 259 who will be able to help diagnose the problem. Don't forget to have your system information available. For more information, see page 20.</p>
<p>Can I receive high-definition programs with this set top box?</p>	<p>Yes. You can receive high-definition programs with your set top box. Go to www.freeview.com.au to find out what channels are available in your area.</p>
<p>Can I change the audio language for the program I am watching?</p>	<p>Yes. Some channels broadcast other audio languages. Press the [AUDIO] button when you are watching a program to see if other languages are available.</p>

Need extra information or help setting up?

You may find the information you are looking for on our web site.


www.bushaustralia.com.au

or on the Freeview website

www.freeview.com.au

If you still need help or information you can phone our call centre on:

1902 215 259



12 Safety

General Safety

This equipment has been designed and manufactured to meet Australian safety standards, but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read these operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made in accordance with the manufacturer's instructions.

Switch off and remove the mains plug when making or changing any connections.

Do consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

Don't continue to operate the equipment if you are ever in doubt about it working normally, or if it is damaged in any way. Switch it off withdraw the plug from the mains and consult your dealer.

Don't remove any fixed covers as this may expose you to dangerous voltages.

Don't leave the equipment switched On when it is unattended for long periods of time, unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Make sure that other people in your household are conversant with the equipment.

Don't obstruct the ventilation vents on the equipment, for example with curtains or soft furnishings.

Overheating will cause damage and shorten the life of the product.

Don't allow electrical equipment to be exposed to rain or moisture.

Only use the mains adapter that has been supplied with your set top box. Using a different adapter may damage the set top box.

General Information:	
Model Number	DFTA50FVE
Features:	
<p>High definition programs</p> <p>Receives all Freeview SD and HD channels*</p> <p>8 Day Freeview EPG</p> <p>Less than 1 Watt Standby Power Consumption</p> <p>HDMI Output: 576p, 720p, 1080i, 1080p</p> <p>Interactive Services (Red Button)</p> <p>Upgrade over the air and by USB.</p> <p>HDMI Socket</p> <p>7 x RCA Sockets</p> <p>Ethernet port (For Future Internet Services)</p>	
System Resource:	
Flash Memory	16 Mbytes
DDR SDRAM	256 Mbytes
EEPROM	8 Kbytes
Power Information:	
Input Voltage	AC 230V mains supply
Power Consumption	Under 1 Watt in standby mode

* The channels you receive will depend on where you live. Please check freeview.com.au to find out what channels are available in your area.



Warranty

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for one year 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 as lightning or power surges or any alternation that affects the performance or reliability of the product.

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

This warranty is subject to the following provisions:

- It is only valid within boundaries of the country of purchase;
- The product must be correctly assembled and operated in accordance with the instructions contained in the manual;
- This product must be used solely for domestic purposes;
- The warranty does not cover accidental damage;
- The warranty 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 warranty is in addition to, and does not diminish, your statutory or legal rights.

PO BOX 6287
Silverwater NSW 1811
www.bushaustralia.com.au

Bush Warranty: 1800 509 394 Australia
Bush Warranty: 0800 450 259 New Zealand



PO BOX 6287
Silverwater NSW 1811
www.bushaustralia.com.au

