

BUSH

32" LCD TV



IDLCD3205HDV

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

INSTRUCTION MANUAL

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 Bush warranty 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

1. INTRODUCTION.....	1
2. SAFETY INSTRUCTIONS.....	3
3. INSTALLATION.....	4
WALL MOUNTING INSTALLATION GUIDELINES.....	4
ACCESSORIES.....	5
FRONT PANEL.....	5
KEY BOARD(RIGHT SIDE).....	6
REAR PANEL.....	6
ANTENNA CONNECTION.....	7
CONNECTING TO PC.....	8
PC PRESET.....	9
CONNECTING TO AV EQUIPMENTS.....	10
4. REMOTE CONTROL.....	11
BATTERY INSTALLATION.....	11
KEYS FUNCTION.....	12
5. OPERATION.....	13
BASIC OPERATION.....	13
ELETEXT.....	14
EPG.....	15
MENU OPERATION.....	16-20
6. DVD OPERATION.....	21-27
6. TROUBLESHOOTINGS.....	28-29
7. TECHNICAL SPECIFICATION.....	30
8. WARRANTY.....	31

SAFETY INSTRUCTIONS

1. Do not use this apparatus near water.
2. Clean only with dry cloth.
3. Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
5. Protect the power cord from being walked on or pinched particularly at plugs convenience receptacles, and the point where they exit from the apparatus.
6. Only use attachments/accessories specified by the manufacturer.
7. Unplug this apparatus during lightning storms or when unused for long periods of time.
8. Refer all servicing to a qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
9. The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.
10. If the television is to be built into a compartment or similar enclosed, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

ADDITIONAL SAFETY NOTES

Never tamper with any components inside the TV, or any other adjustment controls not mentioned in this manual.

All LCD-TVs are high voltage instruments. When you clean up dust or water drops on the LCD PANEL or CABINET, the power cord should be pulled out from the receptacle, then wipe the TV with a dry soft cloth.

During thunder and lightning, unplug the power cord and antenna cord to prevent damage to your TV.

All repairs to this TV should only be performed by qualified TV service personnel.

INSTALLATION

INSTALLATION NOTES

This TV can be connected to AC 100-240 Volts. 50/60 Hz. Never connect to a DC supply or any other power supply.

Locate the TV in the room where light does not strike the screen . Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

Allow enough space between the TV and the wall to permit ventilation.

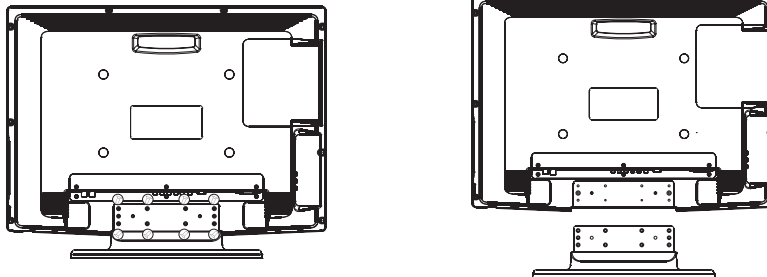
Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.

Do not cover the ventilation openings when using the TV.

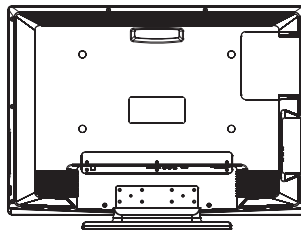
WALL MOUNTING INSTALLATION GUIDELINES

This television can be wall mounted as follows:

1. Place the LCD Television onto a solid surface. Place some soft material to cover the front of the screen to avoid any damage.
2. Remove the screws from the lower part of the television, where the base joins to the TV, and take away the stand (put the stand somewhere safe for future use).



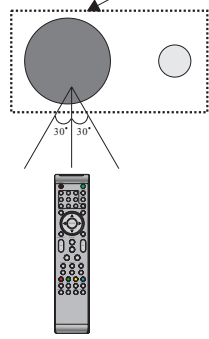
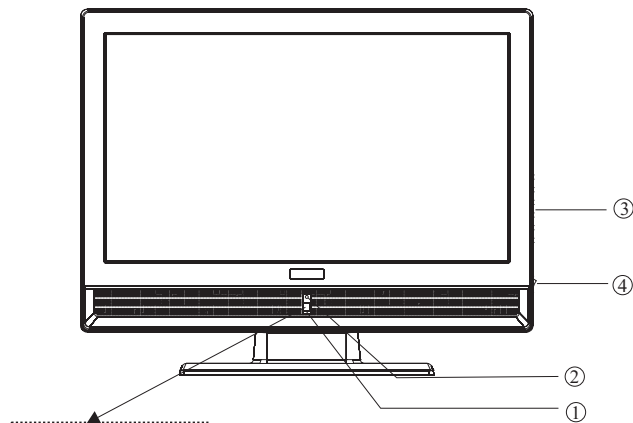
3. Use the four screws provided to fix the TV onto a wall mounting bracket via the 4 VESA standard holes on the back of the television.



ACCESSORIES

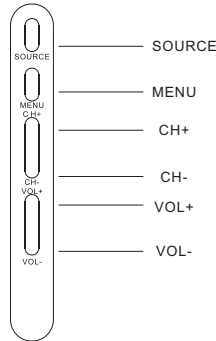
- AC Power Cord..... 1
- Infrared Remote Control..... 1
- User's Manual 1
- Battery(AAA)..... 2

FRONT PANEL



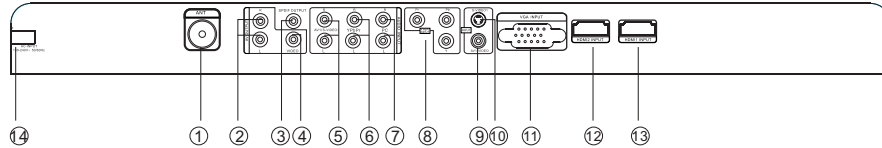
- 1: Remote control sensor.
- 2: Indicator LED: GREEN ● POWER ON.
 RED ● STANDBY.
- 3: Key board(see next page).
- 4: Power: Press this button to the status of “ ■ ” , the unit will turn ON. Press this button to the status of “ ■ ” , the unit will turn OFF.

KEY BOARD(RIGHT SIDE)



1. SOURCE
To display the input source menu.
2. MENU
To display main MENU.
3. CH+/CH-
In TV mode, to change the channel up and down.
In MENU mode, to select the menu items .
In standby mode, it can turn on the TV.
4. VOL+/VOL-
To adjust sound level.
In MENU mode, to select the menu items.

REAR PANEL

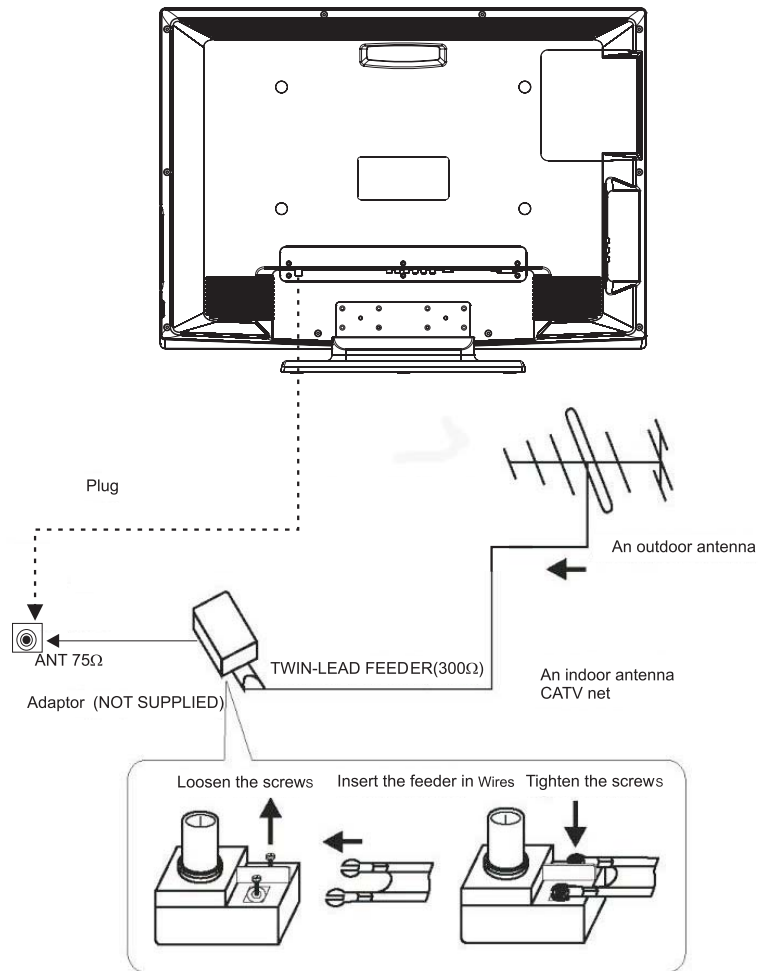


- | | | |
|-----------------------------|----------------------|--------------------|
| 1. ANT | 6. YPbPr AUDIO INPUT | 11. VGA INPUT |
| 2. AUDIO OUTPUT | 7. PC AUDIO INPUT | 12. HDMI2 INPUT |
| 3. SPDIF OUTPUT | 8. YPbPr INPUT | 13. HDMI1 INPUT |
| 4. VIDEO OUTPUT | 9. AV1 INPUT | 14. AC POWER INPUT |
| 5. AV1/S-VIDEO1 AUDIO INPUT | 10. S-VIDEO1 INPUT | |

NOTE:

1. AV1 and S-VIDEO1 share one audio channel.
2. When HDMI1 port get DVI signal, the “PC Audio” channel will change to receive the audio from HDMI1 port
3. When HDMI2 port get DVI signal, the “YPbPr Audio” channel will change to receive the audio from HDMI2 port.
4. AV OUTPUT
It works only at input sources: TV,DTV,S-Video1,S-Video2,AV1,AV2.

ANTENNA CONNECTION



Note:
Aerial connections:IEC(female).
Input impedance:75Ω unbalanced.

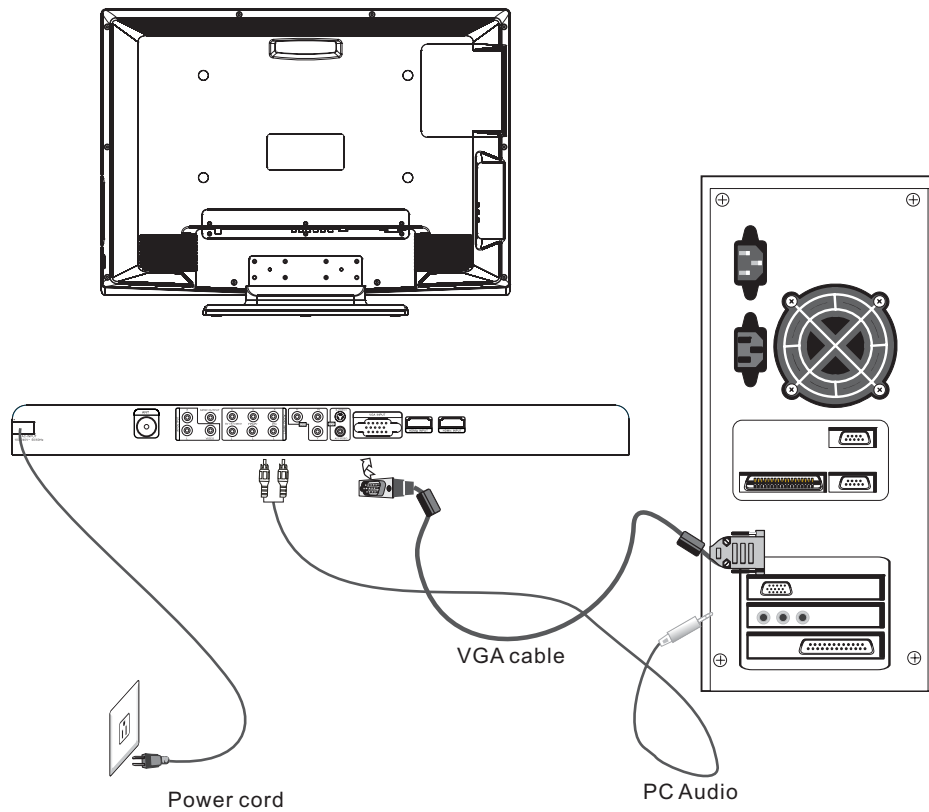
CONNECTING TO PC

STEPS:

Be sure both the TV and computer are set to Power off.

1. Connect VGA and audio cable.
2. Connect the power cord.
3. Power on the TV, switch the input source to VGA mode.
4. Power on the PC.

This sequence is very important.



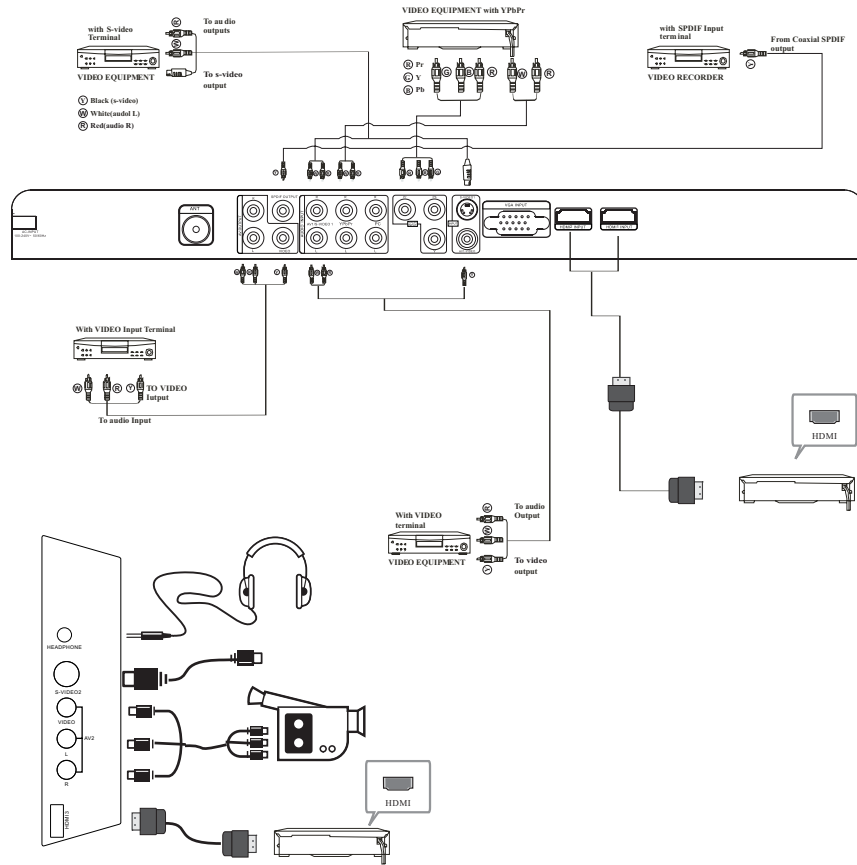
PC PRESET**PRESET MODE(recommended resolution is 1024*768@60Hz)**

	RESOLUTION	V.Freq.(Hz)	H.Freq.(KHz)
1	720*400	70	31.47
2	640*480	60	31.47
3	800*600	56	35.156
4	800*600	60	37.88
5	800*600	75	46.88
6	800*600	72	48.08
7	1024*768	60	48.36
8	1024*768	70	56.48
9	1024*768	75	60.02

CONNECTING TO AV EQUIPMENTS

This TV provides two groups of AV ,two S-Video,one group of YPbPr for convenient connection to VCR,DVD or other video equipment,three group of HDMI for HD signal input Please refer to the owner s manual of the equipment to be connected as well.

You can use the input terminals on TV set rear as follows.

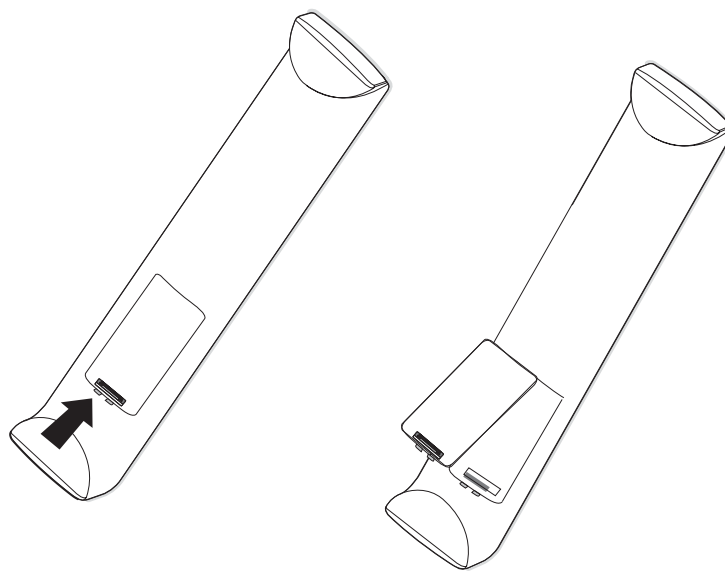


It can be connected to the following appliances: VCR, multi disc player, DVD, camcorder, video game or stereo system, etc.....
YPbPr can support these video fomats:480i,576i,480p,576p,720p,1080i,1080p.

NOTE:
AV2 and S-VIDEO2 share the audio input channel.
When HDMI3 port get DVI signal, the “AV2 Audio” channel will change to receive the audio from HDMI3 port

BATTERY INSTALLATION

1. Remove the battery cover.
2. Inserting the 2 AAA 1.5V batteries making sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.
3. Mount the battery cover. Replace with new batteries when the TV set begins to show the following symptoms: Operation is unsteady or erratic. Sometimes the TV set does not function with Remote Control Unit.

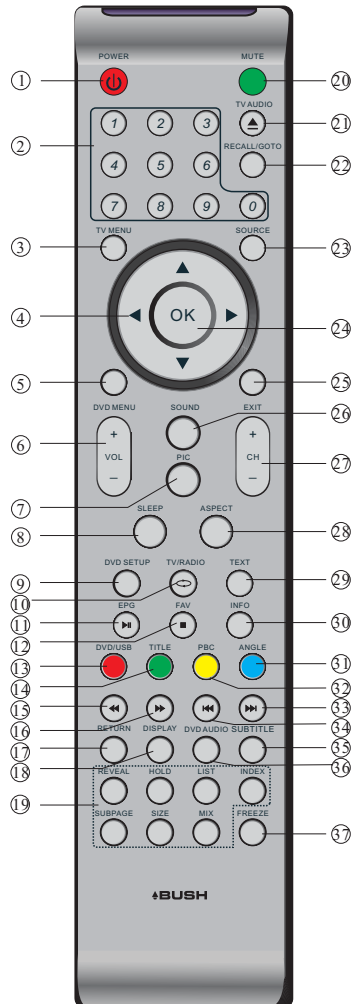


Remark:

- 1) Alkaline Battery Recommended.
- 2) Remove batteries when they are exhausted or if the remote control is not to be used for an extended period of time.

REMOTE CONTROL

KEYS FUNCTION



- 1: **POWER**: To set the TV to standby or power on.
- 2: **NUMERIC KEY**: For direct access to channels.
- 3: **TV MENU**: To display TV menu.
- 4: **CURSOR**: To move within the menu.
- 6: **VOL+/-**: To adjust sound level.
- 7: **PIC**: To switch picture mode.
- 8: **SLEEP**: Set timer to turn off the TV.
- 10: **TV/RADIO**: In DVB mode, it is used to switch between digital TV channels and radio stations. Display/remove the programme information.
- 11: **EPG**: To display information about the program being viewed and what's on next in DTV mode.
- 12: **FAV**: To access your favourite channels list in TV or DTV mode.
- 14: **TITLE**: (page 25)
- 19: **TELETEXT KEYS**: (page 14)
- 20: **MUTE**: To disable or enable the sound output.
- 21: **TV/AUDIO**: To select the available audio language of TV programs.
- 22: **RECALL/GOTO**: To access the previously viewed channel.
- 23: **SOURCE**: To select input source.
- 24: **OK**: To confirm selection.
- 25: **EXIT**: To return to the previous menu or exit menu.
- 26: **SOUND**: To switch sound mode.
- 27: **CH+/CH-**: To access the next or previous channels.
- 28: **ASPECT**: To change picture aspect ratio.
- 29: **TEXT**: To enter or exit TELETEXT.
- 30: **INFO**: To display information about the channel being viewed or further information about the program when in small EPG screen in DTV mode.
- 35: **SUBTITLE**: To switch between different subtitles in DTV mode.
- 37: **FREEZE**: To freeze the picture.

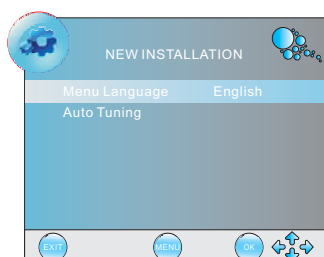
NOTE: For the explanation of DVD buttons, please refer to the DVD part at the back of this instruction book (page 25-26).

BASIC OPERATION**TURN ON THE UNIT**

Press the POWER button on the remote control to switch on the power. The power indicator will light up in green colour, press the POWER button again to switch off the power, and the indicator will change to red.

CHANNEL SEARCH

Press the SOURCE button on the remote control to select the TV or DTV input mode, and press the OK button to confirm. If you are using the unit for the first time, an Installation Guide menu will be displayed to guide you through the channel scan. Use the remote control to finish channel scan (you can also refer to CHANNEL MENU (page 16) in this manual for the channel scan operation).

**WATCH TV PROGRAM**

Press the CH- or CH+ button to select the previous or next channels or press the 0-9 buttons to enter a channel number directly. Press CH.LIST button to view the channels list and press the ▼▲ buttons to select the desired TV programmes.

CHANGE VOLUME

Press the VOL - or VOL + button to adjust the volume level. Press the VOL - button repeatedly to decrease the volume; press the VOL + button repeatedly to increase the volume from 0 to 100.

CHANGE PICTURE MODE

Press the PIC button repeatedly to cycle through the available video picture modes.

CHANGE SOUND MODE

Press the SOUND button repeatedly to cycle through the available sound modes.

VIEW CHANNEL INFORMATION

Press the INFO button to display the preset channel information.

MUTE






Press the MUTE button to cut off the sound output, press this button again to resume sound output.

CHANGE INPUT SOURCE

Press the SOURCE button then press the ◀▶ buttons to select the input source and press the OK button to confirm.

TELETEXT

Teletext is an information system broadcast by certain channels which can be consulted like a newspaper. It also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language (cable networks, satellite channels, etc.)

Press:	You will obtain
TEXT	This is used to enter or exit teletext mode. The summary appears with a list of items that can be accessed. Each item has a corresponding 3 digit page number. If the channel selected does not broadcast teletext, the indication 100 will be displayed and the screen will remain blank (in this case, exit teletext and select another channel).
SELECTING A PAGE ▲ ○○○○ ▼ ○○○○ ○○○○ ○	Enter the number of the page required using the 0 to 9 up/down. Example: page 120, enter 120. The number is displayed top left, the counter turns and then the page is displayed. Repeat this operation to view another page. If the counter continues to search, this means that the page is not transmitted. Select another number.
DIRECT ACCESS TO THE ITEMS ● ● ● ●	Coloured icons are displayed at the bottom of the screen. The 4 coloured buttons on the remote control are used to access the items or corresponding pages. The coloured icons flash when the item or the page is not yet available.
INDEX 	This returns to the contents page (usually page 100).
SUB PAGE 	Certain pages contain subpages which are automatically displayed successively. This key is used to stop or resume sub-page acquisition. The indication appears top left.
HOLD 	To freeze the page.
REVEAL 	To display or hide the concealed information (games solutions).
SIZE 	To zoom the page.
LIST	To save and display your favourite pages.
MIX	To mix teletext with video pictures.

EPG (Electronic Programme Guide)

The EPG (Electronic Programme Guide) menu is used to look at what is being broadcast on a DTV or Radio channel at a later point in time. Press the EPG button to access the EPG menu, the detailed programme information of the channel currently being viewed will be displayed.

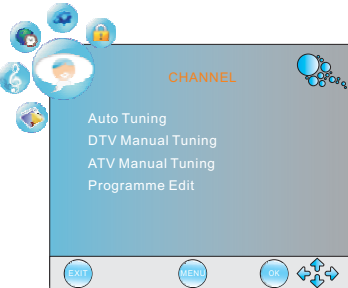
PROGRAMME GUIDE		DTV 801 France 4
20 Feb 2006 16:07		1555.1625 Last Exit
DTV	20 Feb	
	16:00	17:00
800 France 2		Information
801 France 4	Last Exit	Movie 1
802 France 5		Programme 2
803 ARTE		Programme 3
804 LCP		Programme 4
805 France 3		Programme 5

To see what is going to be broadcast after the current programme, press the ► button to view future programmes and press the ◀ button to return towards the programmes televised at the current time.
 To view a different channel, press the ▼ or ▲ button. To book a wanted programme for later watching, press the blue button to enter Reminder menu. Press the green button to enter the schedule list.
 To exit the EPG menu and watch the selected channel, press the **EPG** or **EXIT** button.

MENU OPERATION

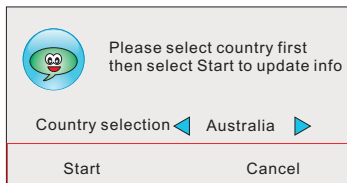
1.CHANNEL MENU

The first item of the menu is CHANNEL menu(for TV source only).



You can search channels and edit programs here.

1).Auto Tuning:Search all the channels automatically(ATV, DTV & Radio)

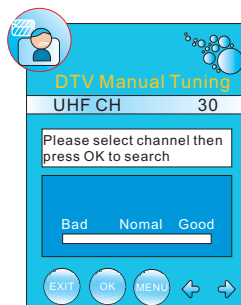


Press the ◀▶ buttons to select country then press the ▼▲ buttons to select start or cancel.

Press the OK button to start or exit auto tuning .

NOTE: All the channels including ATV, DTV and Radio can be tuned at the one time .

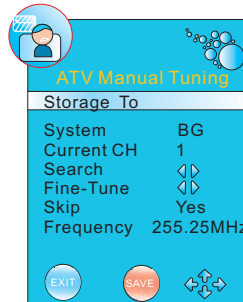
2).DTV Manual Tuning: You can select a DTV channel then find the program in this channel.



Press the ◀▶ buttons to select the channel , then press the OK button to search the programs .

NOTE: Bad Normal Good refers to the signal intensity.

3). ATV Manual Tuning : You can change the sound system to search the analog TV channels and fine tune the channels, then store the channels you selected.



Storage To: To select the channel number you want to save to.

System: To select the TV sound system.

Current CH: To select the current channel.

Search: To search backward/forward.

Fine-Tune: To fine tuning when the signal level of current channel is weak.

Skip: When it set to Yes, the current channel will be skipped while you are changing channels by pressing the CH+ or CH- buttons.

Press the red button to store the channel after manual tuning .

4). Programme Edit: You can edit programs in the following items.

Delete

Press the red button, it will shows a red delete cursor.

Press the ▼▲ buttons to choose the program.

Press the red button again, the program will be deleted.

Rename

You can only rename ATV programs.

Move the cursor to the program, press the green button to rename the program,

Press the TV MENU button to exit edit , Press the EXIT button to exit the menu.

Move

Move the cursor to the program, press the yellow button, it will show a yellow cursor, Press the ▼▲ buttons to move the program.

Skip

Press the ▼▲ buttons to choose the program, then press the blue button to skip this program, the SKIP icon will show on the right side of the program.

Choose the skipped program and press the blue button again to cancel skip, the SKIP icon will disappear.

Favourite

Press the ▼▲ buttons to choose the program, press the FAV button, it will show ♥ on the right side of the program. Choose the FAV program and press the FAV button again to cancel FAV, the ♥ icon will disappear .

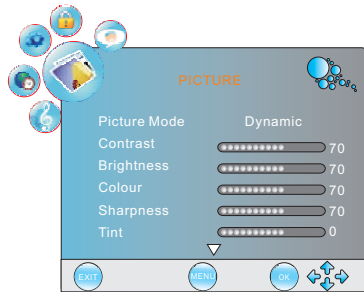
Once your favourite group is created, you can press the FAV button to quickly access your favourite channel list.

2. PICTURE MENU

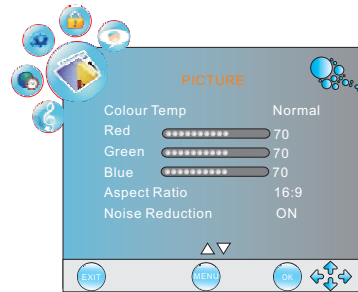
The second item of the menu is PICTURE menu.

You can adjust picture effect here, including contrast, brightness and colour as well as other picture functions.

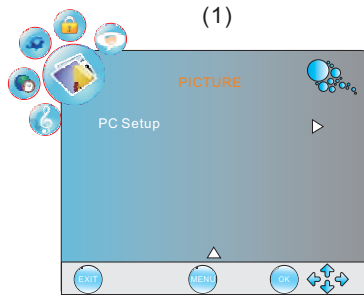
Press the ▼▲ buttons to select items and press the ◀▶ buttons to adjust.



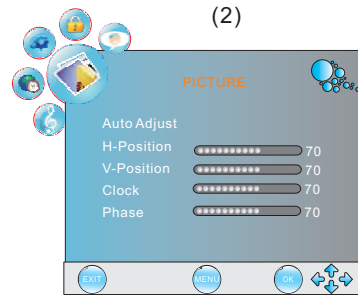
(1)



(2)



(3)



(4)

NOTE:

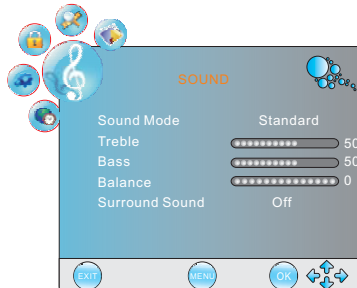
- 1). Tint is available in NTSC system only.
- 2). PC Setup is available in VGA mode only.

3. SOUND MENU

The third item of the menu is the SOUND menu.

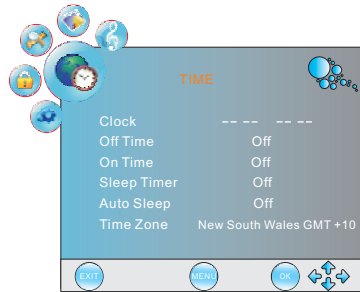
You can adjust the sound effect here, including treble, bass and balance as well as other sound functions.

Press the ▼▲ buttons to select and press the ◀▶ buttons to adjust.



4.TIME MENU

The fourth item of the menu is the TIME menu. You can adjust the clock, power on/off time, sleep timer and time zone as well as other time clock functions. Press the ▼▲ buttons to select and press the ◀▶ buttons to adjust.



NOTE:
When the Auto Sleep is set to ON, the unit will turn to standby mode automatically if there is no signal input for a period of about 15 minutes.

5.DEFAULT MENU

The fifth item of the MENU is the DEFAULT menu. In this menu, you can adjust the Hearing impaired function only.



6.LOCK MENU

The sixth item of the menu is the LOCK menu. You can lock system, set password, block program, set parental guidance, restore factory default and set maximum volume control.



To enter the LOCK menu, the password will be requested, the default password is **6666**

LOCK System:

Press the ◀▶ buttons to turn ON or OFF. If it is set to ON, you will be asked to enter password when searching the channels .

Change Password:

Press the ▶ or OK button and enter the new password.

Block Programme:

Press the ▶ or OK button to enter the programme list.

Press the ▼▲ buttons to select the channel you want to lock then press the green button to lock, the lock icon will appear behind the locked channel.

To unlock the channel, select the locked channel and press the green button again, the lock icon will disappear.

Parental Guidance:

Press the ◀▶ buttons to set the programme rating to block some programmes.

Restore Factory Default:

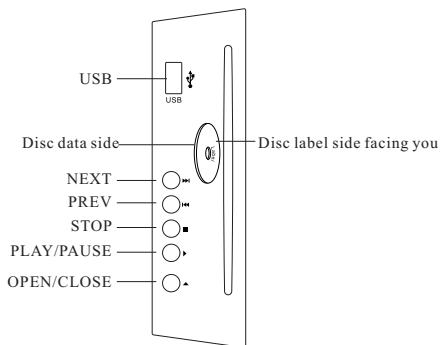
Press the ▶ or OK button to restore, this operation will reset the unit to factory default and all the settings and stored channels will be cleared.

Max Volume:

Press the ◀▶ buttons to set the maximum volume.

DVD OPERATION

DVD SIDE PANEL



USB

In DVD mode, press DVD/USB button on the Remote control, insert a USB or a Mp3 player with USB interface to play the Mp3, JPEG and Mp4 files.

Caution:

When using USB function, please do not insert in the wrong direction, or else it will damage the unit.



Caution

This DVD Player has a Class 1 laser which may be harmful to your eyes. Do not attempt to disassemble the cabinet or make any adjustments.

Refer all servicing to a qualified professional.

Features

Disc formats supported by this player:



MPEG4 files on discs



Multi-angle



Dolby Digital



Subtitle choices



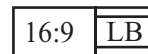
KODAK picture CD



Audio choices



MP3 files on CD-R/CD-RW



TV Aspect Ratio modes



DVD video



Parental Lock

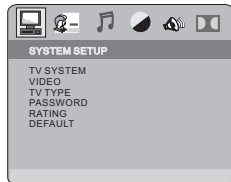
This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macro vision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macro vision Corporation, and is intended for home and other limited viewing uses only. Unless otherwise authorized by Macro vision Corporation. Reverse engineering or disassembly is prohibited.

The product complies with the KODAK Picture CD format and will display KODAK Picture CDs. The "KODAK Picture CD Compatible" logo is a trademark of Eastman Kodak Company and is used with permission.

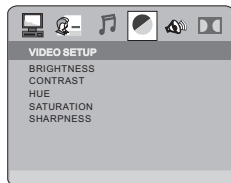
Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. 1992-1997 Dolby Laboratories, Inc. All rights reserved.

1. General Steps of setup menu

1) Press the setup button, the main setup menu appears.



2) Press the Left and Right arrow buttons to highlight the icon of the desired page, then press the Down or Right arrow button to activate that page. For example, if you want to setup the video page, press Right to highlight the video icon, the video page will be displayed on the screen.



3) Press the Down arrow button to highlight the desired option. Press Enter or press Right to select. The choices of that option will appear on the right. For example, press the Down arrow button to highlight the BRIGHTNESS option, then press Enter to select, the BRIGHTNESS option will appear on the right.



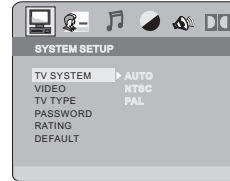
2. Setup Items Introduction

2.1 SYSTEM SETUP

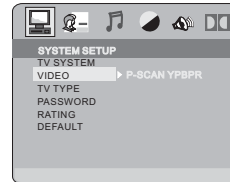
The system setup options are illustrated below:

2.1.1 TV SYSTEM

According to the Color System of the TV, you can choose the TV System.

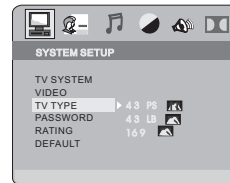


2.1.2 VIDEO



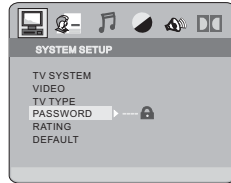
2.1.3 TV TYPE

According to the TV type, you can choose 16:9, 4:3LB or 4:3PS.



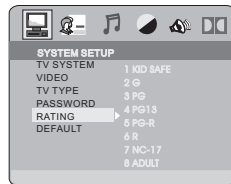
2.1.4 PASSWORD

The password option is initially locked, and you can not set the ratings limit or change the password. In order for the Ratings feature to work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password, which is **6666**. Then press Enter to confirm. To change the password, you will be prompted for the old password, then be prompted for new one. Enter a 4-digit number (this is your password). Press remember your PASSWORD, as the DEFAULT setting will revert back.



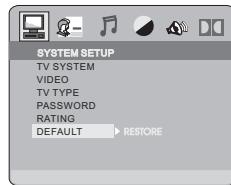
2.1.5 RATING

The Rating feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.



2.1.6 DEFAULT

The DEFAULT setup options are RESTORE factory setup.



2.2 LANGUAGE SETUP

The language setup options are illustrated below:

2.2.1 OSD LANGUAGE

Highlight the OSD LANGUAGE option, and press the Arrow buttons to choose the OSD language you prefer. Press Enter to confirm, and it will display OSD in that language.



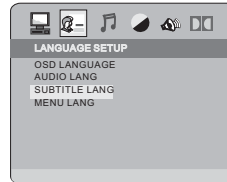
2.2.2 AUDIO LANG

Highlight the AUDIO LANG option, and press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will output that language.



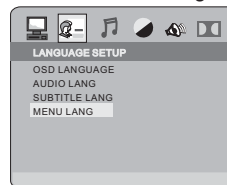
2.2.3 SUBTITLE LANG

Highlight the SUBTITLE LANG option, and press the Arrow buttons to choose the subtitle language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will display subtitles in that language.

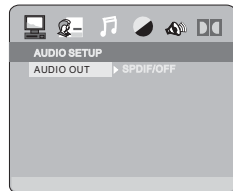


2.2.4 MENU LANG

Highlight the MENU LANG option, and press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm. If the disc you are playing has that Language available. It will display the menu in the language.

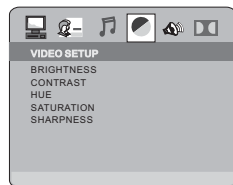


2.3 AUDIO SETUP



2.4 VIDEO SETUP

The video setup options are illustrated below:



2.4.1 BRIGHTNESS

Use the Up and Down arrow buttons to move the scroll and adjust the brightness.



2.4.2 CONTRAST

Use the Up and Down arrow buttons to move the scroll and adjust the contrast.



2.4.3 HUE

Use the Up and Down arrow buttons to move the scroll and adjust the hue.



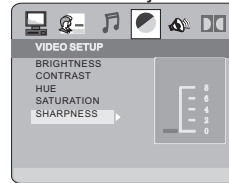
2.4.4 SATURATION

Use the Up and Down arrow buttons to move the scroll and adjust the saturation.



2.4.5 SHARPNESS

Use the Up and Down arrow buttons to move the scroll and adjust the Sharpness.

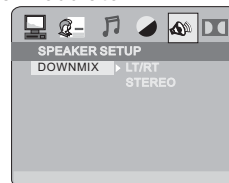


2.5 SPEAKER SETUP

The speaker setup options are illustrated below:

2.5.1 DOWNMIX

A)LT/RT Choose this setting when the DVD player is connected to a 2 Channel Analog Audio input.
B)STEREO Choose this setting when the DVD player is connected to a TV or therefore modulator.

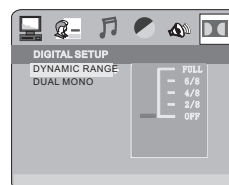


2.6 DIGITAL SETUP

The DIGITAL SETUP options are illustrated below:

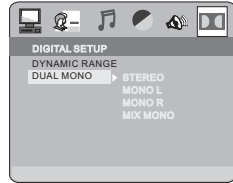
2.6.1 DYNAMIC RANGE

When LINE OUT is selected,choose this setting to adjust the line out ratio for different effects.



2.6.2 DUAL MONO (LEFT + RIGHT)

Choose to setup the L and R mono output mode. There are four modes in this option: STEREO, MONO L, MONO R, and MIN MONO.



2:0-9 Remote Control Key Function

- These keys are used to input the time, as well as title, chapter and track numbers.
- When a numeric item is displayed on the Screen, press the 0-9 keys to select the desired entry, and press ENTER to confirm.
- When a numeric item is larger than 9 press the GO TO key to select the display entry.

4:UP/DOWN/LEFT/RIGHT

- Used to navigate menus.

5:DVD/ MENU

- During DVD, playback, press MENU to return to the programme menu.
Note: This function is subject to the disc.

9:DVD SETUP

- Press SETUP during playback to pause playback.
Press SETUP repeatedly to play frame.
Press PLAY to resume normal playback.

10:REPEAT

- Press <REPEAT> to select Repeat Title. Press <REPEAT> to select Repeat Single or Repeat All or Repeat off.

11:PLAY/PAUSE

- Press PLAY/PAUSE from stop mode to start play.
- Press PLAY/PAUSE during playback to pause playback.
- Press PLAY/PAUSE to resume normal playback.

12:STOP

- Press STOP once during playback to stop and hold playback.
- Press PLAY to resume playback from the point you pressed STOP.
- Press STOP twice to stop playback completely.

13:DVD/USB

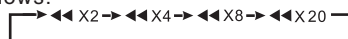
- Switch between disc and USB operation.

14:TITLE

- During DVD, playback, press TITLE to display the DVD title menu or play the first title.
Note: This function is subject to the disc.

15:

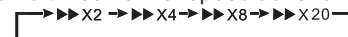
- During DVD or CD playback, press and hold to scan in reverse. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows:



Press PLAY to resume normal playback.

16:

- During DVD or CD playback, press and hold to scan forward. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows:



Press PLAY to resume normal playback.

17:RETURN

- During DVD playback, press RETURN to display the DVD title menu or play the first title.
Note: this function is subject to the disc.

DVD OPERATION

18:DISPLAY

- During playback, press DISPLAY to show the current time counter position.



Press DISPLAY to show the Audio and Subtitle message menu.



21:OPEN/CLOSE

- To open the disc tray, press OPEN/CLOSE.
- To close the disc tray, press OPEN/CLOSE again.

22:GOTO

- During playback, press GOTO show the current time counter position.



31:ANGLE

During DVD playback

- Press ANGLE to view scenes from different camera angles.
- Press ANGLE repeatedly to change from one camera angle to another.

Note: This function is disc specific.

32:PBC

- During VCD2.0 playback, press PBC to return to the disc menu.

33:NEXT

- Press NEXT to skip to the next chapter or track.

34:PREV

- Press PREV to skip to previous chapter or track.

35:SUBTITLE

During DVD playback

- Press SUBTITLE repeatedly to select from up to 32 subtitle languages.

Note: This function is disc specific.

36:AUDIO

During DVD playback

- Press AUDIO repeatedly to select from up to 8 Audio language/formats.

Note: This function is disc specific.

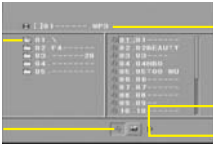
24:OK

- Pressing <OK> will enter the selected item in a menu.

DVD OPERATION

MP3 PLAYBACK

When a MPEG and a MP3 disc is loaded, the screen will be displayed as follows:

Current directory name		Current MP3/JPEG file name. If a JPEG file is being played, the name should have a JPEG extension.
The playing file is a MP3 audio file.		File Switch Region: Displays the file type.
		The playing file is a JPEG picture file.

Press $\uparrow \downarrow$ to select the file when the cursor appears in the file window.

Press select to play the current file selected by the cursor.

Press $\leftarrow \rightarrow$ to switch between the directory window and the file window.

Note:

During Mp3 playback, Forward Scan and Reverse Scan are not available.

Note:

The player will not identify or play a MP3 disc under the following conditions: the recording format is not supported(make sure the files are in MP3 format),the disc is badly scratched, damaged or dirty, the disc is not finalised.

Kodak Picture CD Playback

A Kodak Picture CD has the size and shape of a regular CD. Each Kodak Picture CD brings you the tools to enhance,share and manage your pictures on your computer. You can also record the JPEG picture into CD-R or CD-RW with the CD-Rewriter yourself.

Note:

1. The Max. Size of JPEG Picture can be supported:3840x3840 pels
2. JPEG stands for Joint Picture Experts Group. It is the first International Standard on Still Picture Compressing: ISO 10918-1, constituted by the Committee on Still Picture Compressing Standard of ISO. The picture on Kodak picture CD are stored in this format (JPEG). This player can decode the JPEG picture in Kodak Picture CD and playback the pictures in different modes.Now, you can playback Kodak Picture CDs on this player and view your wonderful pictures on your TV in the comfort of your living room. When a Kodak Picture CD is inserted to a player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV Screen.

General function:

- *You can set slide show transition modes for any pictures.
- *Press PAUSE to stop playing.
- *Press \leftarrow or \rightarrow to see the previous or next picture.
- *Press PLAY to continue slide show Transitions.
- *Press STOP to return to root menu.

IMAGE ROTATION

Press the DIRECTION button ($\leftarrow \rightarrow$) to rotate the image as you prefer.

DVD Troubleshooting

If you have any questions, please consult the troubleshooting guide below:

NO PICTURE OR SOUND

- Ensure the power button is on.
- Ensure the power outlet is operational.
- Ensure the power cord is not damaged.
- Ensure the power plug is connected firmly to the outlet.

PICTURE BUT NO SOUND

- Ensure the audio is not set to mute.
- Ensure you have set the player's AUDIO settings correctly.

POOR PICTURE OR SOUND

- Ensure you have set the player's AUDIO settings correctly
- Ensure the disc is not scratched or stained.

"BAD DISC" DISPLAYED

- Ensure the disc is not warped, damaged or deformed.
- Ensure the disc is not badly stained or damaged.
- Ensure the disc format is compatible with the player.
- Please check whether you have tried to play a software CD. If so, please restart the player.

REMOTE NOT WORKING

- Make sure the Main unit's POWER button is on
- Ensure the remote batteries are working.
- Point the remote control directly at the player's IR sensor.
- Remove any obstacles between the remote and the IR sensor.













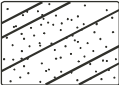



UNIT NOT WORKING

- Turn off the power, and then turn it on again.

"NO DISC" DISPLAYED

- Ensure you have put the disc on the tray.
- Ensure the disc is not upside down.
- Ensure the disc is not distorted, stained or scratched.

TROUBLESHOOTINGS

Problem		Check
Picture	Audio	
 <p>Snow</p>	 <p>Noise</p>	antenna position, direction or connection
 <p>Ghost</p>	 <p>Normal audio</p>	antenna position, direction or connection
 <p>Interference</p>	 <p>Noise</p>	electronic equipment, car/motorcycle, fluorescent light
 <p>Normal Picture</p>	 <p>Mute</p>	Volume (check if mute is activated or if the audio system connections are not correct)
 <p>No picture</p>	 <p>Mute</p>	Power cord is not inserted Power switch is not opened Contrast and brightness/volume setup Press standby key on the remote control for inspecting
 <p>No colour</p>	 <p>Normal audio</p>	Colour control
 <p>Picture breaking up</p>	 <p>Normal audio or weak</p>	Retune channel
 <p>No colour</p>	 <p>Noise</p>	TV system

TECHNICAL SPECIFICATIONS

LCD :	
Viewing Picture Size(diagonal)	32"
Resolution	1366x768
Aspect Ratio	16:9
Display colours	16.7M
Brightness	500 CD/M ²
Contrast ratio	1500:1
Response time	6.5 ms
View angle	176(H)/176(V)
TV:	
TV system	Digital TV: DVB-T Analog TV: PAL/SECAM
DVB-T decode	Audio: MPEG2 Audio Layer I&II Video: MPEG2 Transport MP@HL
DVB-T de-modulation	Demodulator : COFDM OFDM Mod.: 2K, 8K FFT, SFN and MFN Packed Carries: 2K/8K Guard Interval: 1/4, 1/8, 1/16, 1/32
Terminals:	
Analog RGB(VGA) Input	1
Rear HDMI Input	2
Side HDMI Input	1
Rear Composite Video Input	1
Rear S-Video Input	1
Rear Audio Input	3
Y Cb(Pb) Cr(Pr) Input	1
Side Composite Video Input	1
Side S-Video Input	1
Side HEAD PHONE Output	1
Rear Composite Video Output	1
Analog Audio Output	1
Coaxial SPDIF Output	1
Others:	
Input Power Voltage	100V-240V~ 50/60Hz
Power consumption	170W
Audio Output Power (THD≤7%)	2x8W

WARRANTY

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for one year after 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 alteration 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