75" T2 4K TV

User Guide

# Contents

Thank you for purchasing your new 75" T2 4K TV.

Your new TV has many features and incorporates the latest technology to enhance your viewing experience. We recommend that you spend some time reading this instruction manual in order that you fully understand these features. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

Unpacking the TV / Accessory's

TV set

4 x 10BM (6pcs)

4 x 10BM (4pcs)
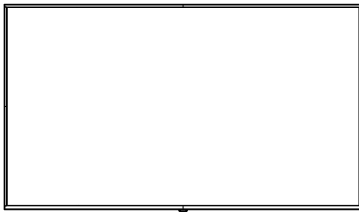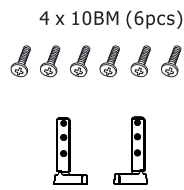
Stand Bracket/Screws
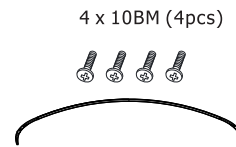
Base/ Screws

Remote Control

Batteries
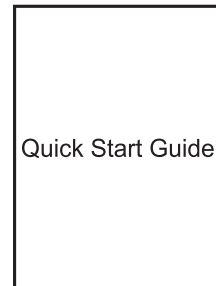
Quick Start Guide

Quick Start Guide
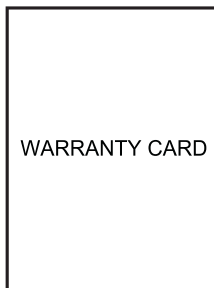
WARRANTY CARD

Warranty Card

Gold Care

Gold Care

Installing / Removing the Base Stand

⚠ The LED display is very fragile, and must be protected at all times when installing and removing the base stand. Be sure that no hard or sharp object, or anything that could scratch or damage the LED display, comes into contact with it. DO NOT exert pressure on the front of the TV at any time because the screen could crack.

1. Disconnect all cables connected to the TV.

2. Place the TV face down on a flat and even surface (blanket, foam, cloth ect...) to prevent any damage to the screen.

Screws (supplied)
4 x 8BM (6pcs)
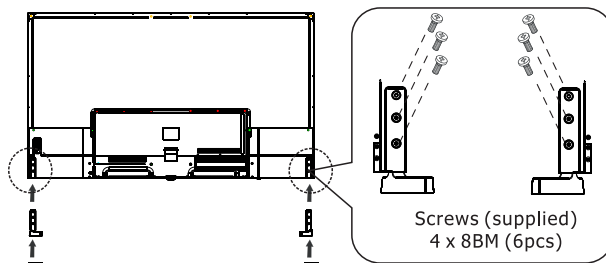
3. When fixing the stand base make sure that the arrow is pointing to the front of the TV.

4. When sticking the metal plate make sure all 4 holes are aligned correctly.

5. Fix the stand with the 4 screws supplied.

Screws (supplied)
4 x 8BM (4pcs)
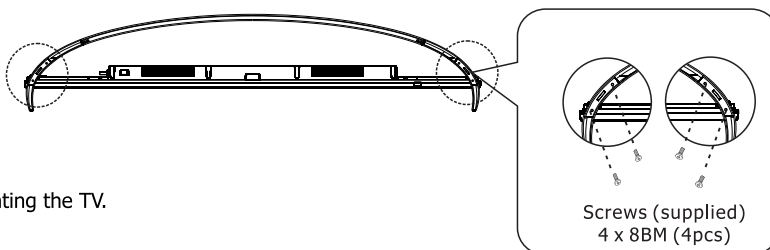
⚠ Remove the stand base before wall mounting the TV.

6. Place the TV face down on a flat and even surface (blanket, foam, cloth ect...) to prevent any damage to the screen. Remove the 4 screws that secure the stand neck to the TV. The stand can now be removed.

✪ Keep all the screws in a safe place, should you want to attach the stand base at a later date.

This unit is VESA-Compliant and designed to be wall mounted with a VESA-Compliant 200 x 200mm mounting kit.
Mount this unit according to the instructions of the wall bracket(not supplied)

200mm

400mm

Four mounting holes
(Screw size M6 x 10)
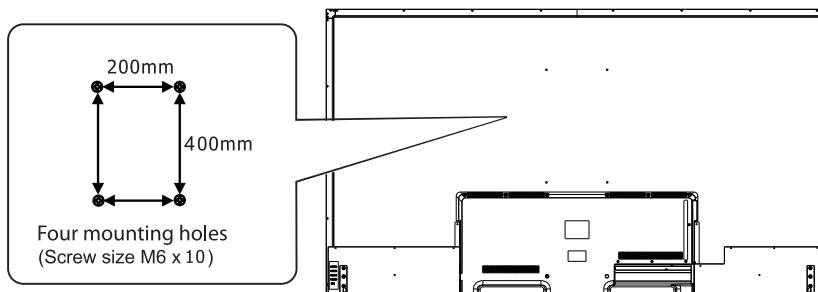
Front / Right Side View and Controls
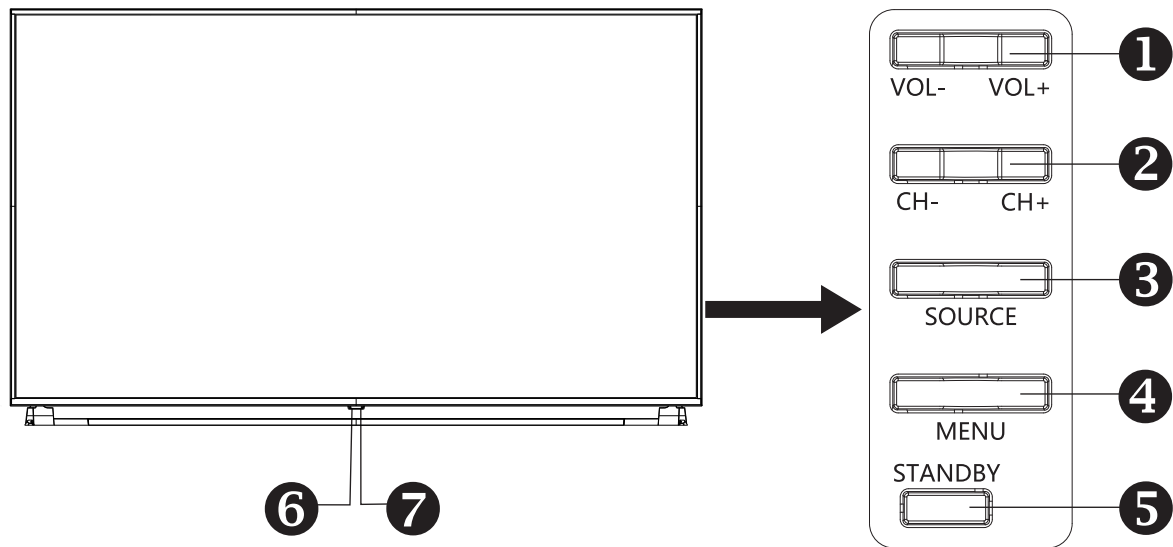
	Button Name	Description
1	**VOL+/-**	Increase or decrease the volume. Adjust the volumes of the selected menu item in the OSD menu.
2	**CH+/-**	Press to select a channel or select a sub-menu from the OSD menu.
3	**MENU**	Enter or exit from the menu.
4	**SOURCE**	Press to select among different input signal sources: DTV / ATV / SCART / YPbPr / PC / HDMI / AV / MEDIA . Confirmed the selection on OSD menu
5	**STANDBY**	Switch on the LED TV when at standby mode and vice versa.
6	**Power Indicator**	Illuminates red in standby mode. Illuminates green when the LED TV is switched on.
7	**Remote Sensor**	Infrared sensor for the remote control.

Rear View and Sockets
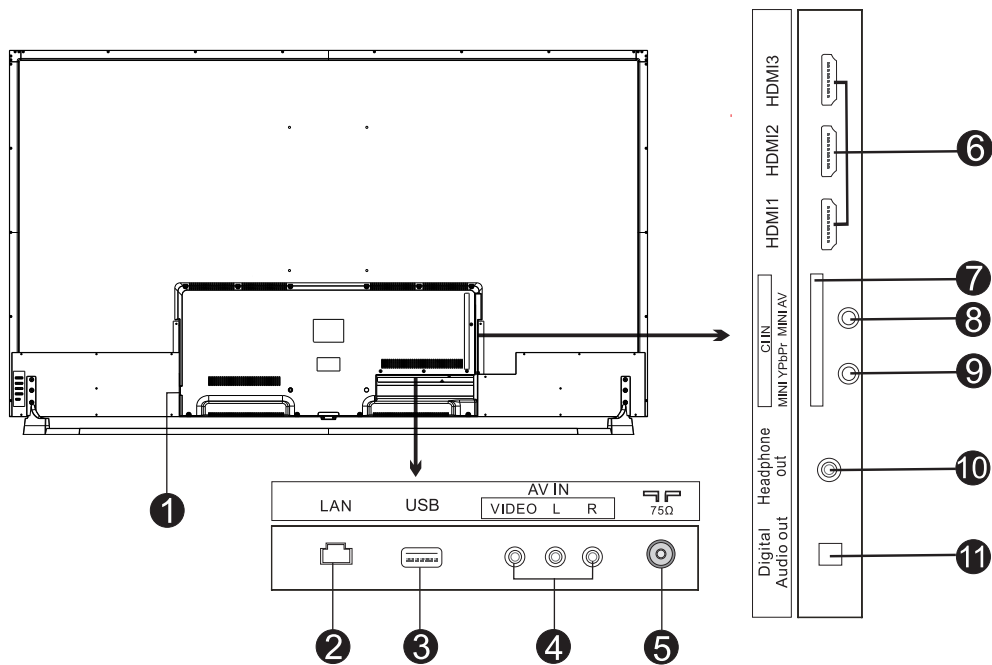
Socket	Description
1 POWER	Connect to an earth 100-240V ,50/60Hz AC outlet with the power cable
2 LAN	To connect the broadband router.
3 USB	Allows the insertion of a USB storage device to play video, audio photo and text files (Media mode) and record DTV programmes on to a USB storage device.
4 AV IN	connect to the audio output terminal of a DVD player with AV/YPbPr mode
5 TV Aerial	To connect to the aerial socket on the wall with the RF coaxial cable.
6 HDMI IN	To connect to a High-Definition(HD)signal output device, such as a set-top box,blu-ray disc player or AV receiver.
7 CI (Common Interface)Slot	Allows the insertion of a Common Access Module.
8 MINI AV/AUDIO(L/R)	To connect to a DVD player, Digital Set-Top-Box, or other AV devices with composite (AV) video and audio output socke
9 MINI YPbPr	To connect to a DVD player, Digital Set-Top-Box, or other AV devices with component (YPbPr) video and audio output sockets.
10 Headphone out	To connect to the earphones.
11 DIGITAL AUDIO OUT (OPTICAL)	To connect to the audio socket on the digital/standard 5.1 audio system.

Remote control

Dependant on the Model of the TV some keys will have no function

Mute Mute sound

SaorView/FreeView
Switch SaorView or Freeview Digital

Menu
Channel
Picture
Sound
Application
Media Player
Setting

Exit Exit from any menu

Picture / Aspect key

Volume +/-
Increase and decrease the volume

Teletext / MHEG5
(You can not record this)

DVD Switch to DVD mode *
DVD menu in DVD mode *

Prev Track, File, Day.(Media, PVR, EPG)

* Show the keyboard in android mode
▲ DVD Eject *

Power

Power Turn on or standby

UK Sat Switch to satellite signal. *

Help
This displays a page that gives telephone numbers for service.

Info key
In DTV mode-shows now/next.
2nd press Extended program Info.

Whilst Recording Shows detail of recording and space available on the Card.

TXT Mode – Index function

Sound / Nicam key

Channel +/-
Increase and decrease the channel number

Soft Keys.
The action is shown on the menu and changes for each menu.
Reserved for MHEG in DTV

Subtitle *DVD and DTV mode only

Repeat Select the repeat mode

Next Track, File, Day.(Media, PVR, EPG)

Pause / Play PVR & Multimedia

Mute

SaorView
FreeView   Radio   UK Sat

Menu   Quickstart   Help

1 abc   2   3 def

ghi 4   jkl 5   mno 6

pqrs 7   tuv 8   wxyz 9

HDMI   0

Exit   Info

OK

Picture   Sound

POP MENU

Vol+   EPG   CH+

Source

Vol-   CH-

Text   Event List   PVR List   Subtitle
Timer   Play
DVD   USB   Android   Repeat
DVD   USB

OSC
Rec

*Dependant on Model

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Remote control (continued)

■ Functions of remote control buttons

Dependant on the model of theTV some keys will have no function

Radio Switch between DTV and Radio.

HDMI Select the HDMI mode directly.

Thumb stick (▲ / ▼ / ◄ / ► / OK)
Allows you to navigate the on-screen menus and adjust the system settings to your preference.

POP MENU*POP MENU in blu-ray DVD

EPG
Press to enter the EPG,and press again to exit

Timer
Show the Schedule list. (DTV mode)

USB Switch to USB mode

◄◄ Fast reverse

Stop PVR & Multimedia

Quickstart
Recall the First Time Installation.

NUMBER BUTTONS
Press 0-9 to select a TV channel directly when you are watching TV.
The channel change after 2 seconds.

Picture Swap Key
Back to last channel

Source
DTV
ATV
AV
YPBPR
HDMI1
HDMI2
HDMI3
Media

PVR List
Display List of Recorded Programms
(DTV mode)

Android
*Switch to Android
*Android homepage in Android mode
shortcut to DVB-C source.

►► Fast forward

OSC*Show the OSC menu in blu-ray DVD

Rec Start recording

*Dependant on Model

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Installing Batteries in the Remote Control

1. Press and lift the back cover to open the battery compartment of the remote control.

2. Insert two 1.5V AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.

3. Close the battery compartment cover.
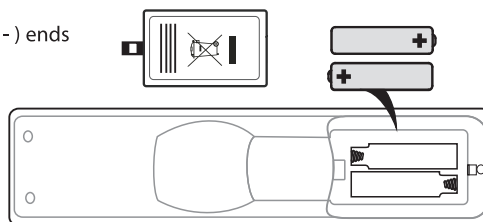
Handling the Batteries
- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- When the batteries are exhausted, the remote will not function. Replace both batteries at the same time with new ones.
- Do not install new batteries with used ones and do not mix different types of batteries.
- Do not dispose of used batteries as domestic waste. Dispose of them in accordance with local regulations.

Handling the Remote Control
- Take care of your fingernails when you press and hold the battery release tab.
- Do not drop or cause impact to the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote control when not in use for a long period of time, as it could cause corrosion or battery leakage and may result in physical injury and/or property damage including fire.

Remote Control Operation Range

Point the remote control at the TV no more than 5 metres from the remote control sensor on the TV and within 60° in front of the TV. The operating distance may vary depending on the brightness of the room.

Remote Code:0156
To use your sky remote control
with this TV follow the instructions
given with the sky remote to programme
different codes.

30°   30°

5M
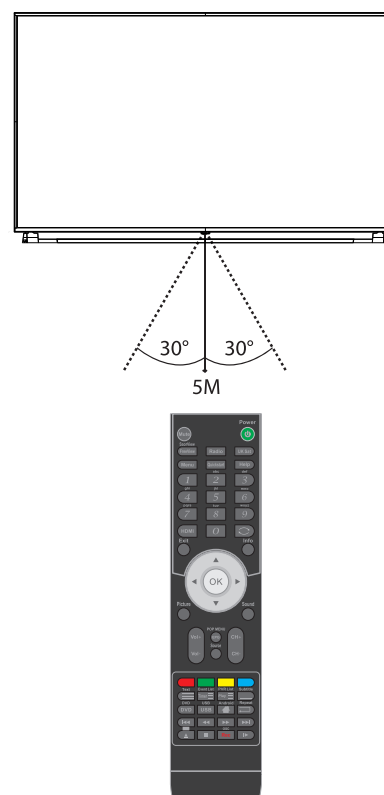
Making Video and Audio Connections

Not all AV devices have the ability to connect to a TV, please refer to the owner's manual of your AV device for compatibility and connection procedures.

When connecting any external AV device, do not connect the mains cable to the mains socket until all other connections are complete.

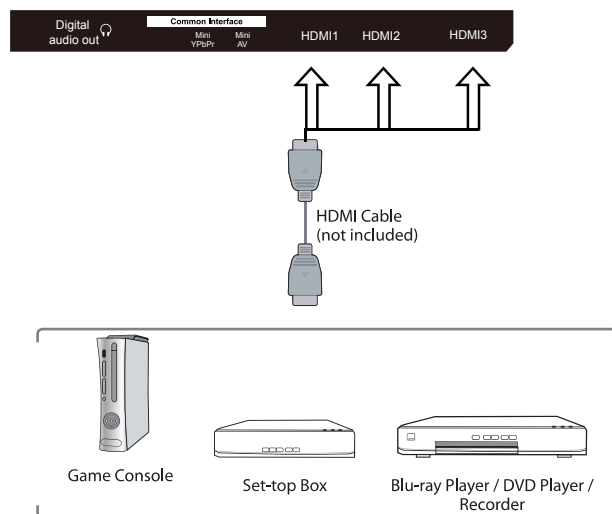| Best Video Performance		Signal Type	Separate Audio Connection Required
	HDMI	HDMI (480i/480p/576i/576p/720p/1080i/1080p/3840 x 2160)	No
	Mini YPbPr	Component Video (480i/480p/576i/576p/720p/1080i/1080p)	Yes Mini AV
	Mini AV	Composite Video	No

Connecting an AV Device with an HDMI Cable

- This TV can accept High-Definition Multimedia Interface (HDMI) and supports HDCP (High-Bandwidth Digital Content Protection) Protocol.

- The TV has a total of HDMI input sockets, please make sure the correct input source is selected corresponding to your connected HDMI input socket.

- When you connect to the output of an HD ready player (blu-ray disc player, game console, set-top box or computer) switch to the HDMI function and the TV will automatically detect the resolution used by the HDMI source.

- To get the best picture quality, adjust the blu-ray disc player, game console or set-top box output resolution up to 3840 x 2160.

Rear View of TV

1. Use an HDMI cable to connect the TV's HDMI input socket to the external AV device's HDMI output socket.

2. Plug the connected devices into the mains socket

3. Press the **STANDBY** button on the TV or the ⏻ button on the remote control to turn on your TV.

4. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select **HDMI1/2/3** and then press the **OK** button to confirm.

⚠ Although this TV is able to connect to an HDMI device, it is possible that some devices may not operate correctly.

Digital audio out | Common Interface | Mini YPbPr | Mini AV | HDMI1 | HDMI2 | HDMI3

HDMI Cable (not included)

Game Console   Set-top Box   Blu-ray Player / DVD Player / Recorder

Connecting an AV Device with a Component (YPbPr) Cable

1. Use a component cable to connect the TV's Mini YPbPr input sockets to an external AV device's component output sockets.

2. Use an AV cable to connect the TV's Mini AV input sockets to the external AV device's component audio output sockets. (Audio Left = white, and Audio Right = red)

Component port on the TV	Mini YPbPr		

Video output ports on DVD player	Y	Pb	Pr
	Y	Cb	Cr

3. Plug the connected devices into the mains socket

4. Press the **Standby** button on the TV or the ⏻ button on the remote control

5. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select **YPBPR** and then Press the **OK** button to confirm.

Rear View of TV

Digital Audio out | Headphone out | CI IN | MINI YPbPr | MINI AV | HDMI1 | HDMI2 | HDMI3

Mini YPbPr cable (not included)

Mini AV cable (not included)

Y | Pb/Cb | Pr/Cr | Red (R) | White (L) | Yellow (Video)

COMPONENT out

Video Camera   Game Console   Set-top Box   Satellite antenna cable

Blu-ray Player / DVD Player / Recorder   Satellite Receiver
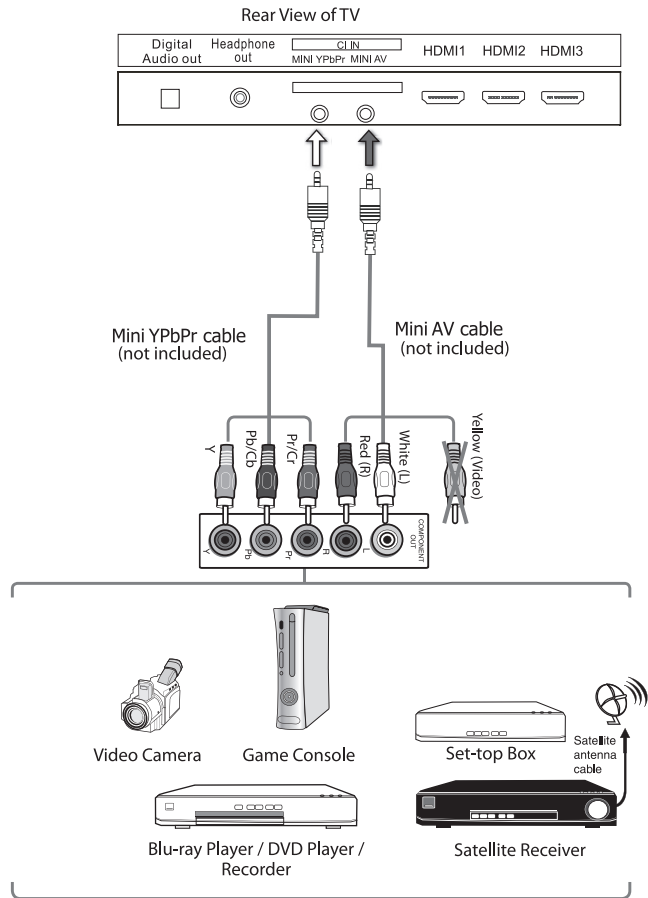
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Connecting an AV Device with Composite Cable

1. Use an AV cable to connect the TV's Mini AV
    input sockets to an external AV device's
    composite audio/video sockets. (Video = yellow,
    Audio Left = white, and Audio Right = red)

2. Plug the connected devices into the mains socket

3. Press the **STANDBY** button on the TV or the ⏻
    button on the remote control

4. Press the **SOURCE** button on the TV or the **SOURCE**
    button on the remote control to display the Source List.
    Use the ▲▼ buttons to select **AV** and then press the **OK**
    button to confirm.

Rear View of TV

Digital Audio out   Headphone out   CI IN   MINI YPbPr MINI AV   HDMI1   HDMI2   HDMI3

Mini AV cable (not included)

Red (R)   White (L)   Yellow (Video)

R   L   VIDEO OUT

DVD Player / Recorder

Video Camera   Game Console   Set-top Box   Satellite antenna cable

VCR   Satellite Receiver
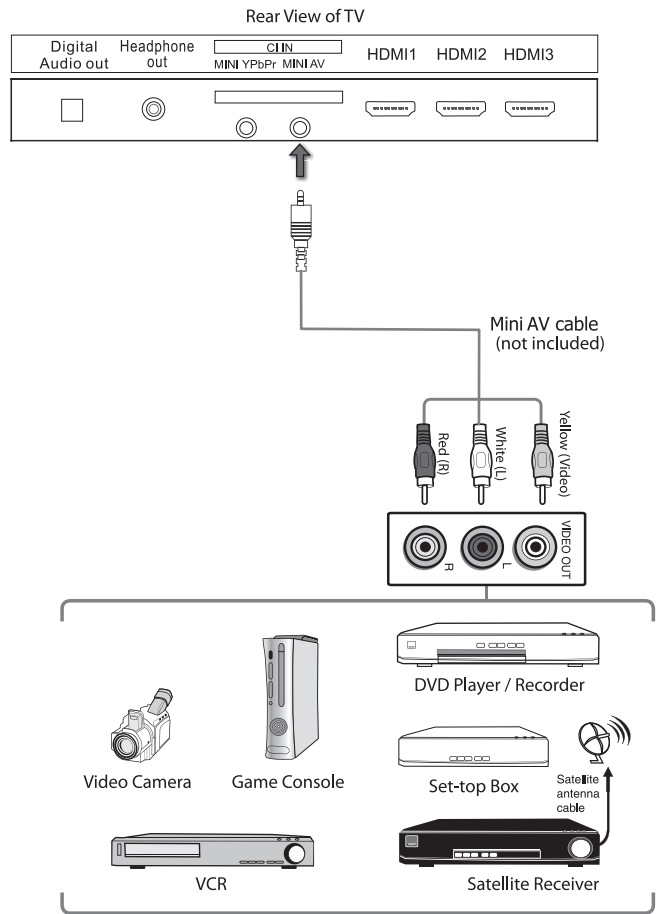
Connecting a Digital Audio Receiver

For better sound quality, you may want to play the audio through your multi-channel audio receiver.

1. Use an audio cable to connect the TV's Digital Audio out socket to an external audio receiver's audio optical input socket.

2. Plug the connected devices into the mains socket

3. Press the **standby** button on the TV or the ⏻ button on the remote control

4. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select any desired input source and then press the **OK** button to confirm.
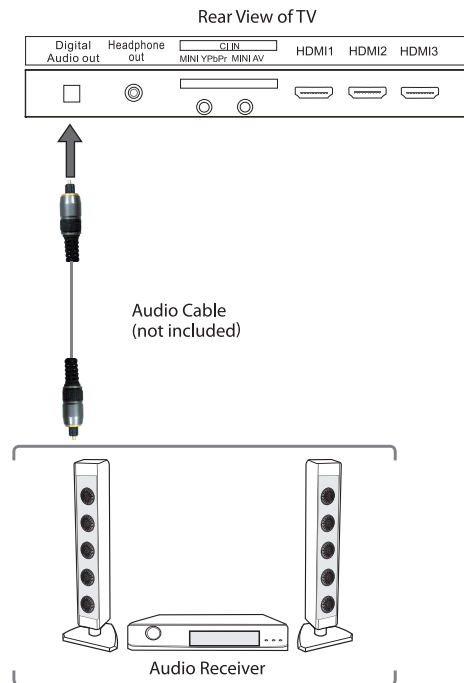
⚠ The TV's volume control will have no effect. You may control the audio level via the Audio Receiver.

Rear View of TV

Audio Cable (not included)

Audio Receiver

Connecting Headphones

Connect your headphones to the TV's Headphone out socket.

Before putting on headphones, turn the volume down then put the headphones on and slowly increase the volume until you reach a comfortable listening level.

⚠ Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended periods.

Rear View of TV
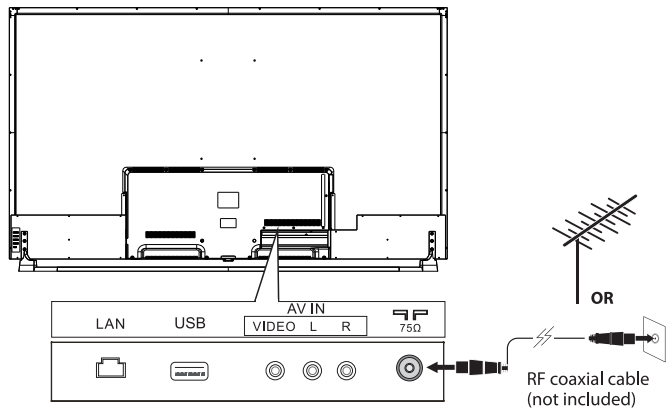
Earphones Cable (not included)
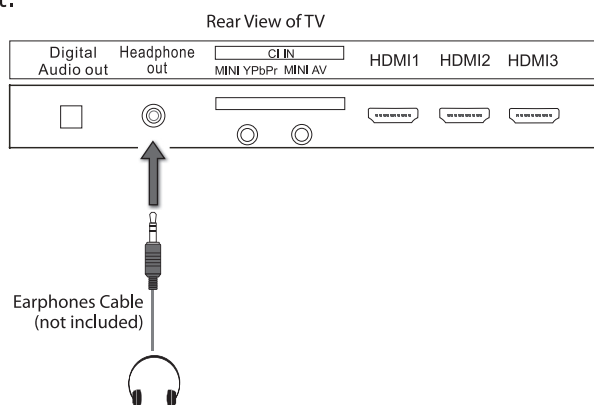
Turning the TV on for the First Time

1. Connect one end of the RF coaxial cable to the aerial socket on the wall and the other end of the cable to the Aerial socket at the rear bottom of your TV.

   ⚠ Do not connect the TV to the mains supply until you have completed all the connections.

OR

LAN   USB   AV IN   VIDEO L R   75Ω

RF coaxial cable (not included)

2. Connect the mains cable to the mains socket after you have completed all the connections.

mains power
100- 240V AC 50-60Hz

3. At this stage, the TV switches to standby mode. The red LED indicator will illuminate on the front panel of the TV.

HDMI3 HDMI2 HDMI1 CI IN MINI YPbPr MINI AV Headphone out Digital Audio out

4. In standby mode, press the **Standby** button on the TV or the ⏻ button on the remote control to turn the TV on. The LED indicator will change from red to green.
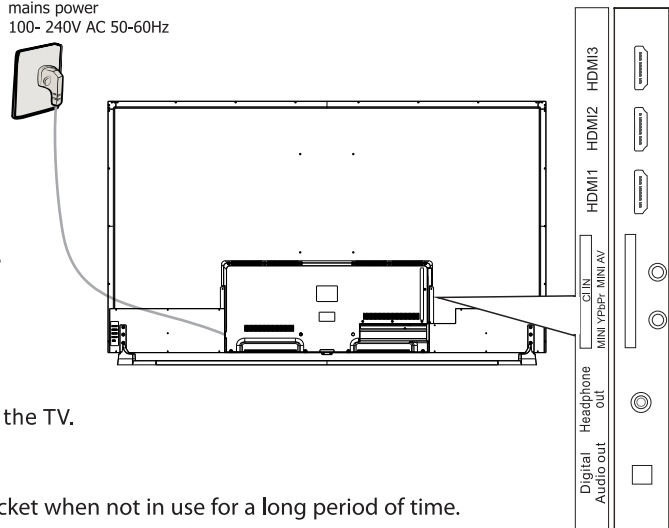
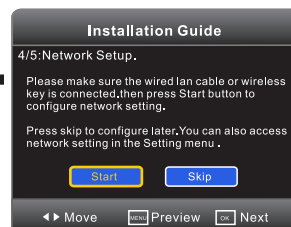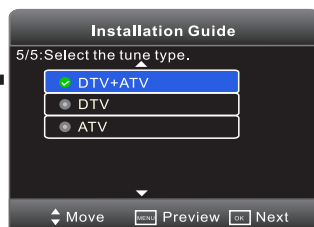   ✷ The **Standby** button is located on the top of the TV.

   ⚠ • Always disconnect the TV from the mains socket when not in use for a long period of time.
   • The **Standby** button on the top of the TV or the ⏻ button on the remote control is only used for switching the TV into standby, it does not disconnect the TV from the mains power. To completely disconnect the mains power, please remove the mains cable from the mains socket.

5. When you initially power on the TV you will see the "First Time Installation" menu:

QuickStart

Please ensure your aerial is plugged into the TV.
Now press [OK]

[EXIT] Quit   [OK] Installation Guide

Press the "**OK**" button on the remote control to start the installation guide. This process will help you to setup your Network connections and tune in all available TV channels. Just follow the easy 5 step setup menu.

Installation Guide
1/5:Select the OSD Language
- German
- ✔ English
- Spanish
- French
- Italian

↕ Move   [OK] Next

Installation Guide
2/5:Select the Country.
- ✔ UK
- NewZealand
- Arab
- Estonia
- Hebrew

↕ Move   [MENU] Preview   [OK] Next

Installation Guide
If you complete all the options, then press OK button to begin auto tuning

OSD Language	English
Country	UK
Environment	Home
Network Setup	..
Tune Type	DTV+ATV

[MENU] Preview   [OK] Start   [EXIT] Quit

Installation Guide
5/5:Select the tune type.
- ✔ DTV+ATV
- DTV
- ATV

↕ Move   [MENU] Preview   [OK] Next

Installation Guide
4/5:Network Setup.

Please make sure the wired lan cable or wireless key is connected.then press Start button to configure network setting.

Press skip to configure later.You can also access network setting in the Setting menu .

[Start]   [Skip]

◀▶ Move   [MENU] Preview   [OK] Next

Installation Guide
3/5:Select the Environment
- ✔ Home
- High Performance

↕ Move   [MENU] Preview   [OK] Next

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Turning the TV on for the First Time

Selecting the Input Source

1. Press the **Source** button on the TV or the **Source** button on the remote control to display the Input source list.

2. Press the ▲▼ ◀▶ buttons to select the input source that you want: DTV, ATV, AV, SCART, YPBPR, HDMI, VGA, Media .

3. Press the **OK** button to confirm your selection. If you do not press the **OK** button to confirm, the TV will automatically confirm the selected input source within 4 seconds.

   > In DTV mode, press the **Radio** button to switch to TV / digital radio channels directly.

Channel Selection

- Press the **CH+ / –** buttons on the TV or on the remote control repeatedly or the **0-9** buttons on the remote control to select the channel.

  Alternative

  Press the **OK** button to enter the **Channel List**. Then use the ▲▼ buttons to highlight and select the channel. Press the **OK** button to view the selected channel.

- If a blocked channel is selected, the password screen will be displayed. Press the **0-9** buttons to enter the password, the channel will then be unlocked (refer to page 22 for details on **LOCK**).

- Press the ⟲ button to return to the previously viewed channel.

Display Channel Information

- Press the **Info** button to view the current information.

Volume Adjustment

- Press the **VOL+/–** button on the TV or on the remote control to adjust the volume.

- If you wish to switch the sound off, press the **Mute** button. Press the **Mute** button again or the **VOL+** button to resume audio listening.
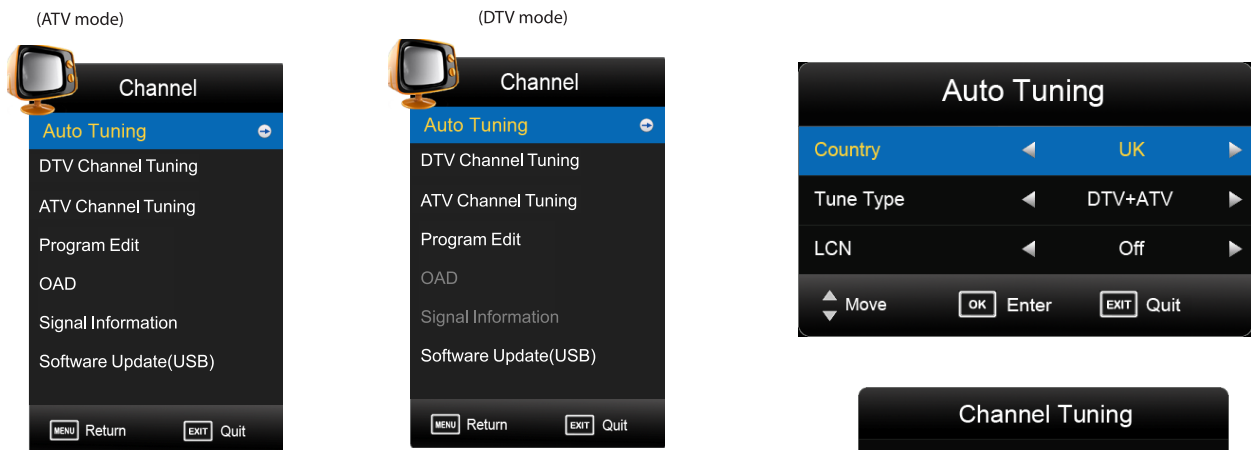
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Channel Setting (TV, DTV or Radio Mode)

1. Press the **Menu** button to select the **CHANNEL** menu .
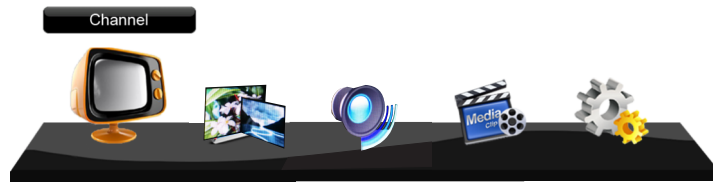
   Channel

2. Press the ▲▼ buttons to select **Auto Tuning** and then press the **OK** button.

Auto Tuning (DTV / ATV mode)

Use this to automatically find and store all available channels. This is normally recommended if some channels have been added or removed by the broadcaster or if you have moved house.

(ATV mode)

Channel

- Auto Tuning
- DTV Channel Tuning
- ATV Channel Tuning
- Program Edit
- OAD
- Signal Information
- Software Update(USB)

MENU Return   EXIT Quit

(DTV mode)

Channel

- Auto Tuning
- DTV Channel Tuning
- ATV Channel Tuning
- Program Edit
- OAD
- Signal Information
- Software Update(USB)

MENU Return   EXIT Quit

Auto Tuning

Country	◄	UK	►
Tune Type	◄	DTV+ATV	►
LCN	◄	Off	►

▲▼ Move   OK Enter   EXIT Quit

Channel Tuning

TV	:	0	Programme(s)
DTV	:	0	Programme(s)
Radio	:	0	Programme(s)

15%   348.25MHz   TV

MENU Skip   EXIT Quit

3. In the **Tune Type** menu, press the ◄► buttons to select **ATV / DTV / ATV +DTV**. Press the ▼ button and then press the ▲◄►▼ buttons to select the country where you will operate the TV. Press the **OK** button to confirm.

4. Channel tuning will commence. This operation may take up to 10 minutes. The display will show the progress of the tuning and the number of channels found.

5. If you want to skip the DTV tuning, press the **Menu** button to interrupt the tuning half way. A pop-up screen will be displayed, press the ◄ button to select **YES** to confirm. You will then go straight to ATV tuning. You may repeat the above step if you also want to skip the ATV tuning. An installation reminder will appear the next time you turn on the TV.

6. After tuning is complete, the channels are stored and arranged in a preset order.

Do you want to skip DTV tuning?

YES   No

Channel Setting (TV, DTV or Radio Mode)

## DTV Manual (CHANNEL) Tuning (DTV mode)

Allows you to make manual fine tuning adjustments of the channel under DTV mode.

1. Press the ▲▼ buttons to select **DTV CHANNEL Tuning** and then press the **OK** button.

2. The DTV Manual Tuning screen will pop up. Press the ◄► buttons to select the desired UHF channel and then press the **OK** button to commence the search of that channel. When the signal has been tuned, the picture and signal strength will be displayed on the screen.

3. Press the **Menu** button to return back to the main menu.

4. Press the **Exit** button to exit the menu.
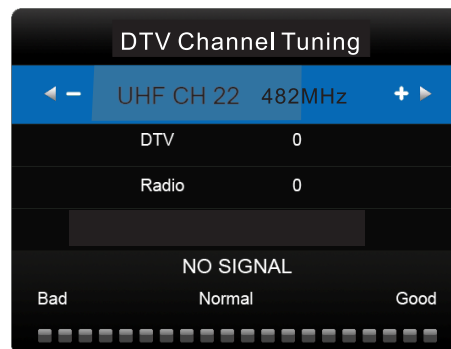
ATV Channel Tuning

To search analogue channel by entering parameters manually.

1. Press the ▲▼ buttons to **ATV Channel Tuning** then press the **OK** button to confirm.

2. Select ATV manual search item to enter air channel manual search in ATV source and the user operation interface as following.

Storage To	This item is disabled.
System	Select a TV system for searching.
Current Channe	Displays the current channel number.
Search	Press the ◄► buttons to start the manual tuning.
Fine-Tune	Press the ◄► buttons to make manual fine tuning adjustments.
Frequency	Select AFC On to lock the desired frequency.

3. Press the **Menu** button to return back to the main menu.
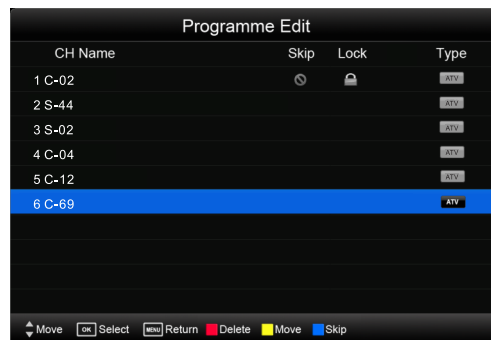
4. Press the **Exit** button to exit the menu.

Channel Setting (TV, DTV or Radio Mode)

Programme Edit (ATV Mode)
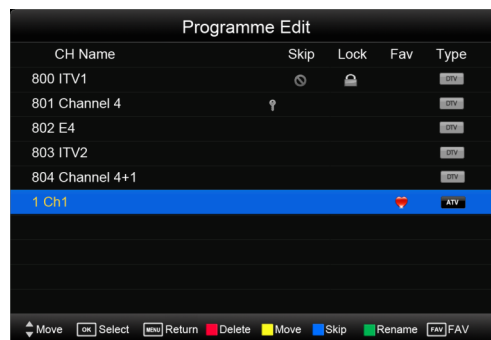
Allows you to edit TV programmes in the Channel List.

1. Press the **Menu** button to select the
   CHANNEL menu.

2. Press the ▲▼ buttons to select **Channel Edit** and then press the **OK**
   button.

3. A Channel Edit screen will pop up. Press the ▲▼ buttons to select
   the programme you want to edit.

   a. Delete

   Press the **RED** button to delete the selected channel.

   b. Move

   Press the **YELLOW** button and then press the ▲▼ buttons to
   move to the selected channel. Press the **YELLOW** button or the
   OK button to confirm.

   c. Skip

   Press the **BLUE** button to select the channels that you want to skip
   when you are selecting channels. Press the **BLUE** button again to undo it.

   d. Rename

   Press the **GREEN** button to rename the selected channel. Press
   the ▲▼ buttons to select the characters to represent the station
   name. Press the ◄► buttons to move to the next character and
   then press the **OK** button to confirm the new name.

4. Press the **Menu** button to return back to the main menu.

5. Press the ↵ **Exit** button to exit the menu.

Prgramme Edit (DTV Mode)

Allows you to edit TV programmes in the Channel List.

1. Press the **Menu** button to select the
   CHANNEL menu.

2. Press the ▲▼ buttons to select **Programme Edit** and then press the **OK**
   button.

3. A Programme Edit screen will pop up. Press the ▲▼ buttons to select
   the programme you want to edit.

   a. Delete

   Press the **RED** button to delete the selected channel.

   b. Move

   Press the **YELLOW** button and then press the ▲▼ buttons to
   move to the selected channel. Press the **YELLOW** button or the
   OK button to confirm.

   c. Skip

   Press the **BLUE** button to select the channels that you want to skip
   when you are selecting channels. Press the **BLUE** button again to undo it.

   d. Rename

   Press the **GREEN** button to rename the selected channel. Press
   the ▲▼ buttons to select the characters to represent the station
   name. Press the ◄► buttons to move to the next character and
   then press the **OK** button to confirm the new name.

4. Press the **Menu** button to return back to the main menu.

5. Press the ↵ **Exit** button to exit the menu.
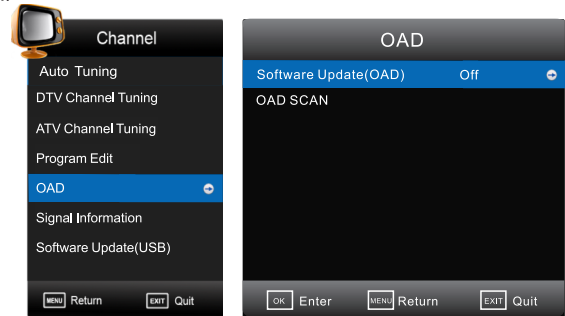
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Channel Setting (TV, DTV or Radio Mode)

OAD

Allows you ti choose the option

1. Press the **Menu** button to select the **CHANNEL** menu.

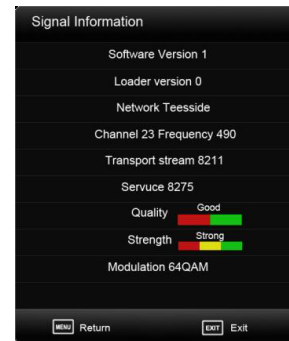2. Press the ▲▼ buttons to select **OAD** and then press the **OK** button.

Software Update(OAD)

From time to time we may release new firmware to improve the running of the television (on air download)

Signal Information

1. Press the **Menu** button to select the **CHANNEL** menu.

2. Press the ▲▼ buttons to select **Signal Information** sub menu option and then press the **OK** button to display "Signal Information"

Picture Setting

Allows you to set your preferred picture mode.

1. Press the **Menu** button and then press the ▲▼ buttons to select the **Picture** menu.

2. Press the **OK** or ► buttons and then press the ▲▼ buttons to select the following picture options and then press the **OK** button.
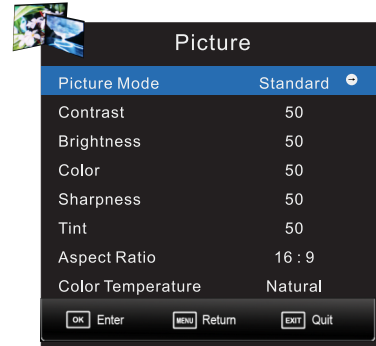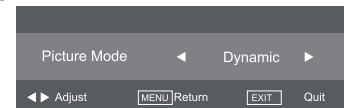

Picture Mode
Press the ▲▼ buttons to cycle among picture mode: Dynamic / Ecohome Standard /Movie / User and then press the **OK** button to confirm.

Alternative
You may press the **Picture** button once and then press the ◄► buttons to select the picture mode directly.

Contrast
Press the ◄► buttons to adjust the difference between light and dark levels in the picture.(for User mode)

Brightness
Press the ◄► buttons to increase or decreases the amount of white in the picture.(for User mode)

Colour
Press the ◄► buttons to control the colour intensity.(for User mode)

Sharpness
Press the ◄► buttons to adjust the level of crispness in the edges between light and dark areas of the picture.(for User mode)

Tint (For NTSC format)
Press the ◄► buttons to adjust the balance between red and green levels.
(Tint is only available for NTSC signal input via the SCART or AV IN.)
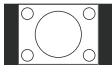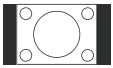
Aspect Ratio
Press the ▲▼ buttons to cycle among aspect ratio: Auto / 4:3 / 16:9 Full /Zoom1 /Zoom2 /Cinema/Just scan and then press the **OK** button to confirm.

Alternative
You may press the **Picture** button twice and then press the ◄► buttons to select the aspect ratio directly.

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Picture Setting

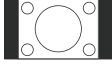|	Input Signal 4:3		Input Signal 16:9	
4:3	This selection will allow you to view a picture with an original 4:3 aspect ratio. Black bars will appear on both the left and right of the screen.		This selection will allow you to adjust the picture horizontally, in linear proportion. Black bars will appear on both the left and right of the screen.	
16:9	This selection will allow you to adjust the picture horizontally, in linear proportion, to fill the entire screen.		This selection will allow you to view a picture with an original 16:9 aspect ratio.	
Zoom1	This selection will allow you to zoom in the picture without any alteration, while filling the entire screen. However, the top and bottom of the picture will be cropped.		This selection will allow you to zoom in the picture without any alteration, while the 4 sides of the picture will be cropped.	
Zoom2	This selection is similar to 16:9 mode, but the picture slightly stretches vertically and clips off a little from the top and bottom.		This selection is similar to 16:9 mode, but the picture slightly stretches vertically and clips off a little from the top and bottom.	
Just scan (in HDMI mode only)	This selection will detect the resolutionof the HDMI signal and display an image. with the same number of pixels		This selection will detect the resolution of the HDMI signal and display an image. with the same number of pixels	

Colour Temperature   Press the ▲▼ buttons to cycle among colour temperature: Standard / Cool / Warm and then press the **OK** button to confirm.
Adjusts the colour components independently to achieve a warm or cool.
- **Standard**
- **Cool**: Increases blue tint
- **Warm**: Increases red tint

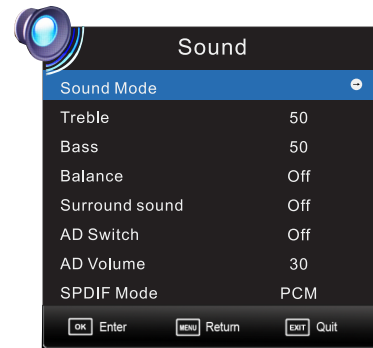| Colour Temp	◄	Cool	►
◄► Adjust	MENU Return	EXIT	Quit
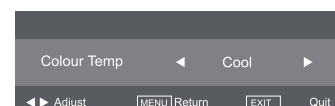
Noise Reduction   Press the ▲▼ buttons to select to reduce the noise level of the connected device: Off / Low / Middle / High /Auto and then press the **OK** button to confirm.

3. Press the **Menu** button to return to the previous menu. Press the **Exit** button to exit the menu.

Sound Setting

Allows you to adjust your TV audio settings.

1. Press the **Menu** button and then press the ◀▶ buttons to select the **Sound** menu.

Sound

Sound Mode	⊜
Treble	50
Bass	50
Balance	Off
Surround sound	Off
AD Switch	Off
AD Volume	30
SPDIF Mode	PCM

OK Enter   MENU Return   EXIT Quit

2. Press the ▲▼ buttons to select the following sound options and then press the **OK** button.

Sound Mode	Press the ▲▼ buttons to select an audio-enhancement technique: Standard / Music / Movie / Sports / User and then press the **OK** button to confirm.
Treble	Press the ◀▶ buttons to control the relative intensity of higher pitched sounds. (for user mode)
Bass	Press the ◀▶ buttons to control the relative intensity of lower-pitched sounds. (for user mode)
Balance	Press the ◀▶ buttons to adjust the relative volume of the speakers in a multiple speaker system.
Surround Sound	Turn on/off the surround sound function by selecting "On" or "Off".
AD Switch (For DTV mode)	Audio Description is an auxiliary audio function that provides an additional audio track for visually challenged persons. This function handles the Audio Stream for the AD (Audio Description), when it is sent along with the main audio from the broadcaster. • Set to "**Off**" for normal broadcasting sound coming out from speakers. • Set to "**On**" to activate the description sound track if available. The availability of Audio Description sound track is indicated by the visually impaired icon "**V.I.**" in the information banner.
AD Volume	When the **AD Switch** Set to "**Off**", this function disavailable. When the **AD Switch** Set to "**On**", you can press ◀▶ buttons to adjust the **AD Volume**.
SPDIF Mode	SPDIF is used to provide digital sound. Press [OK] button to set Off, PCM or Auto.

3. Press the **Menu** button to return to the previous menu. Press the **Exit** button to exit the menu.

Connecting a USB Storage Device

1. Switch off the TV before connecting any USB storage device.

2. Connect your USB storage device to the USB port of your TV.

3. Plug the connected devices into the mains socket

4. Press the **Standby** button on of the TV or the ⏻ button on the remote control to turn on your TV.

5. Press the **SOURCE** button on the TV or the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select **Media** and then press the **OK** button to confirm.

Rear View of TV

USB

USB Cable (not included)

USB Hub

Portable hard Disk
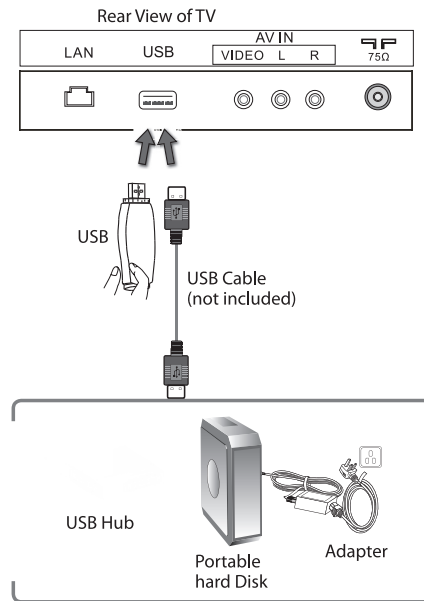
Adapter

⚠️
- If a hard disk is used, make sure its mains adapter is connected to the mains supply.
- If a USB hub is used, make sure its mains adapter is connected to the mains supply as the total current consumption may exceed 500mA.
- The maximum supported storage space of the hard disk is 1 TB.
- The file system only supports HiSpeed FS, FAT16, FAT32, NTFS formats (NTFS Compressed files are not supported).
- If you want to store the video streaming of a DTV programme, the transfer rate of the USB storage device must not be less than 5MB/s, otherwise the picture and sound of the programme will be affected and a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device.
- The TV screen will be blank temporarily as it will take time to start up and stabilise the connected hard disk. This is normal and the starting time may vary depending on the brand and the memory size of the connected hard disk.
- Disconnect the USB storage device if it is not in use.

- USB output: DC 5V ⎓ 500mA

Multimedia Operation

Basic Operation

1). Press the menu button on the remote control to display the input source menu, select the Media Player with the ◀ ▶ buttons and press the OK button to enter the Multimedia menu below.

2). Insert the USB device, the name of the device will be displayed on the screen.

3). Press ◀/▶ button to select the files on the USB device (PHOTO, MUSIC, MOVIE) to view or play.
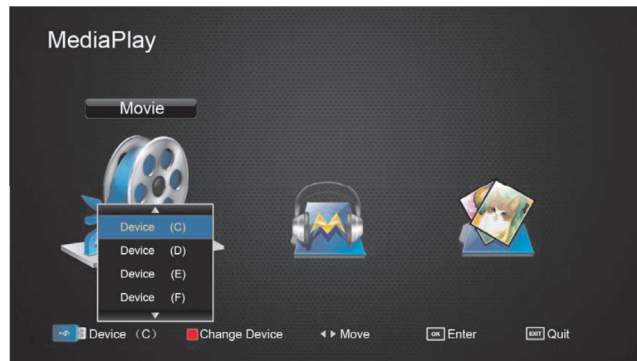
Press ◀/ ▶/ ▲/ ▼ buttons to select and the OK button to activate the file or open folder. Press ▮▶ button to play the files in full screen mode. When in full screen mode press the **OK** button to show the navigation option menu on the bottom of the screen or press ▮ stop button to return to files.

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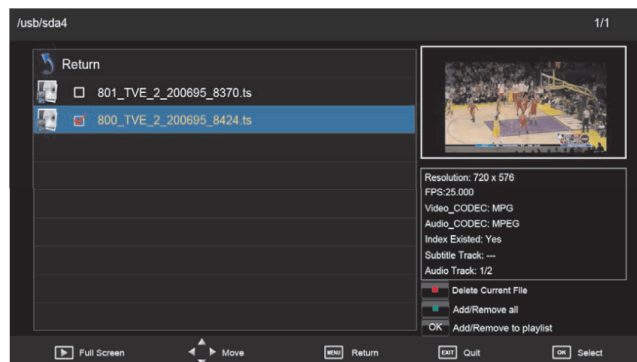
Multimedia Operation

1. Movie

If you select Movie, press [OK] button to focus the USB icon, then press [OK] again to the FileSelector menu.

Press▲/▼ button to select file, press [OK] button to mark " √ " and add it into playlist.
If the file is highlighted blue 1-2 seconds, the file will play in the preview

Press [PLAY] button to play the selected files in the full screen.
Press [EXIT] button to quit.
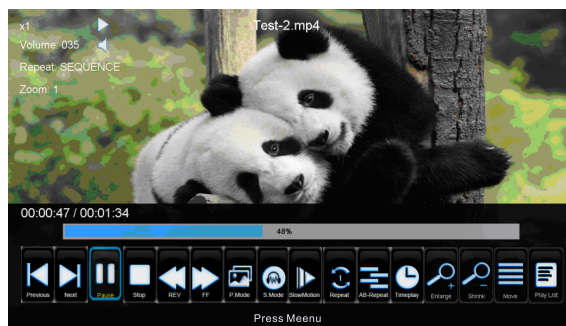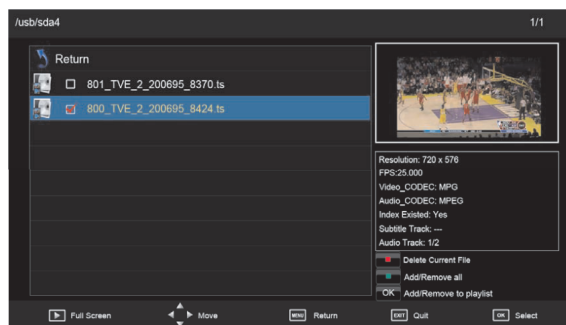
2. Music

Listen to music

Back to the Media Player menu and select Music, press [OK] button to focus the USB icon, then press [OK] again to the File Selector menu.

Press [PLAY] button to play the selected files in the full screen.
Press [EXIT] button to quit.

Multimedia Operation

3. Photo

Photo viewing

Back to the Media Player menu and select Photo, press [OK] button to focus the USB icon, then press [OK] again to the File Selector menu.
Press [PLAY] button to play the selected files in the full screen.
Press [EXIT] button to quit.

Setting Menu

Allows you to set up a variety of feature options.

1. Press the **Menu** button and then press the ▲▼ buttons to select the **Setting** menu.

2. Press the **OK** or ▶buttons and then press the ▲▼ buttons to select the following feature options and then press the **OK** button.

3. Press the **Menu** button to return to the previous menu. Press the **Exit** button to exit the menu.

Time

Allows you to adjust sleep timer.

1. Press the **Menu** button and then press the◀▶ buttons to select the **SETTING** menu.

2. Press the ▲▼ buttons to select the following time options and then press the **OK** button.
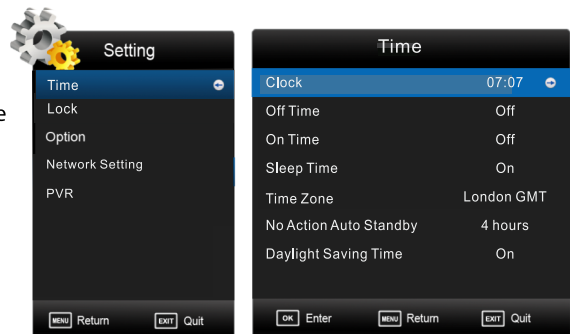
Clock	The clock time is set automatically by the DTV TV Broadcasting signal
Off Time	Auto power off setting. Press [OK] button to display Off Time. Press ◀/▶ to select the mode.(Available mode: Off~Once~Everyday-Mon~Fri-~Mon~Sat-~Sat~Sun~Sunday).Then set the hour and minute according to the prompt.
On Time	Auto power on setting. Press [OK] button to display On Time. Press ◀/▶ to select the mode.(Available mode: Off~Once~Everyday-Mon~Fri-~Mon~Sat-~Sat~Sun~Sunday). Then set the hour, minute, source, channel, and volume according to the prompt.
Sleep Timer	The sleep timer automatically switches the TV to standby after the preset time has elapsed. The clock will be set automatically when receiving a digital signal. Time must be set before using Sleep Timer function.
Time Zone	When you select a Time Zone city, the TV time is set by the time offset information based on Time Zone and GMT (Greenwich Mean Time) which is received with the broadcast signal and the time is set automatically by a digital signal.
No Action Auto Standby	The unit will automatically switch to standby mode 4 hours after the last time the remote control was used. A reminder screen will pop up and count down before the unit switches to standby mode.If you want to operate the TV for a long period of time, turn off the auto standby function.
Daylight Saving Time	(On ,Off) if it's On, it'll be an hour earlier than the GMT. If Time Zone is set to Auto, it's not available.

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Setting Menu

Lock

To access the **LOCK** menu, you must enter the password. Enter the default password "**0000**" for first time use. To change the password, please refer to "**Set Password**".

The Lock System is designed to prevent accidental retuning of the TV / losing channels and prevent children watching unsuitable programmes.

The Lock System must be set to On for this function to operate. If the Lock System is set to On, a valid password must be entered when you access Auto Tuning / Manual Tuning / Restore Factory Default.

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1. Press the **Menu** button then press the◄► buttons to select the **SETTING** menu.

2. Press the ▲▼ buttons to select **Lock System** and then press the **OK** button.

3. Use the **0-9** buttons to input a 4-digit password to enter the **LOCK** menu.

   ⚠
   - The default password is "**0000**".
   - If you change the password, be sure to remember the new password! If you forget the new password, press the master password "**8899**".
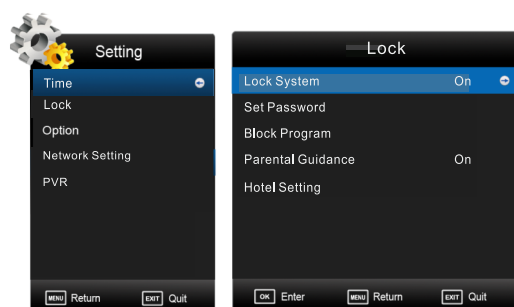
4. Press the ▲▼ buttons to select **Lock System** and then the **OK** buttons to select **On / Off**.
   If the Lock System is set to On, a valid password must be entered when you access Auto Tuning / Manual Tuning / Channel Edit / First Time Installation / Restore Factory Default.

5. Press the **Menu** button to return to the previous menu. Press the ⏎ **Exit** button to exit the menu.
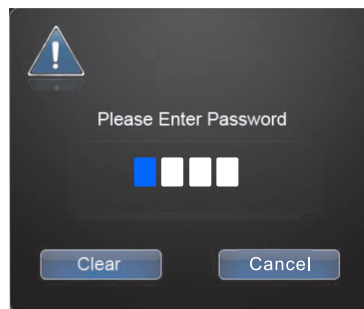
Set Password

1. Press the **Menu** button and then press the ▲▼ buttons to select the **SETTING** menu and then press the **OK** button.

2. Press the ▲▼ buttons to select **Set Password** and then press the **OK** button.

3. Use the **0-9** buttons to input the old password and then input the new 4-digit password. Re-enter new password for confirmation.

   ⚠
   - The default password is "**0000**".
   - If you change the password, be sure to remember the new password! If you forget the new password, press the master password "**8899**".

4. Press the **Menu** button to return to the previous menu. Press the ⏎ **Exit** button to exit the menu.

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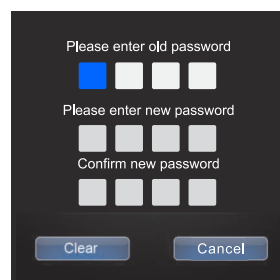
Setting Menu

BLock Program is designed to prevent children watching unsuitable programmes.

1. Press the **Menu** button then press the◄► buttons to select the
   SETTING menu.

2. Press the ▲▼ buttons to select **Lock** and then press the **OK**

3. press the **OK** and Use the **0-9** buttons to input a 4-digit password to enter the **LOCK** menu
   and then press the **OK** button to turn the Lock System **On**.

   ⚠️   • The default password is "**0000**".
        • If you change the password, be sure to remember the
         new password! If you forget the new password, press the
         master password "**8899**".

4. Press the ▲▼ buttons to select **BLock Program** and then press the **OK**
   button.

5. A Block Channel screen will pop up. Press the ▲▼ buttons to select a
   channel. Press the **GREEN** button on the remote control to lock or unlock
   the channel. Press the **GREEN** button again to unblock.

6. Press the **Menu** button to return to the previous menu. Press the ⏎ **Exit**
   button to exit the menu.

   ✪   When a channel is blocked, a valid password must be entered.

Parental Guidance

This function allows you to set up blocking schemes to block specific programmes and ratings. It operates according to
information from the broadcasting station, therefore if the signal has incorrect information, this function will not operate.

This TV is programmed to remember which option it was last set to even if you switch the TV off.

1. Press the **Menu** button then press the◄► buttons to select the
   SETTING menu.

2. Press the ▲▼ buttons to select **Parental Guidance** and then press the **OK**
   button.

3. Use the **0-9** buttons to input a 4-digit password to enter the **LOCK** menu
   and then press the **OK** button to turn the Lock System **On**.

   ⚠️   • The default password is "**0000**".
        • If you change the password, be sure to remember the
         new password! If you forget the new password, press the
         master password "**8899**".

4. Press the ▲▼ buttons to select **Parental Guidance** and then press the
   OK button.

5. Press the ▲▼ buttons to select an age rating: Off, 4-18. Then press the **OK**
   button to confirm to return to the previous menu.

6. Press the **Menu** button to return to the previous menu. Press the ⏎ **Exit**
   button to exit the menu.

   ✪   When a programme is rated above the selected age rating,
        the programme will be blocked, a valid password must be
        entered.

Hotel Setting

Hotel Mode is for users that require limited access to services and levels.

Setting Menu

Option

Allows you to choose the option.

OSD Language	Default is set to English. To change the language use the ▲/▼ buttons.
Audio Language	If the programme providers transmit another language this may be selected. The default is set to English.
Subtitle Language	If the programme providers transmit another language this may be selected.
Country	display the selected country
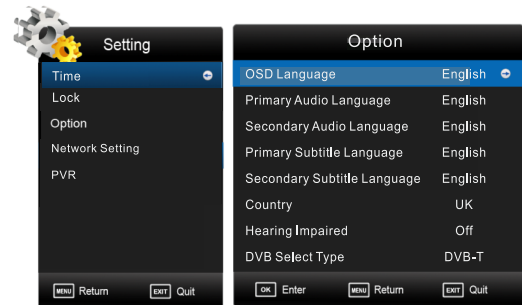
Hearing Impaired Turn ON/OFF the Hearing Impaired function

DVB Select Type Select DVB-T or DVB-C.

CI Information Press [OK] button, it will show "No CI Module" if no CI card is inserted.

After you have inserted the CI card, it will show "CI Module Inserted", then display the CI information.
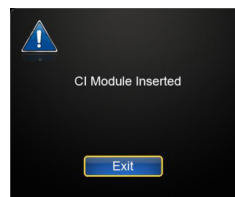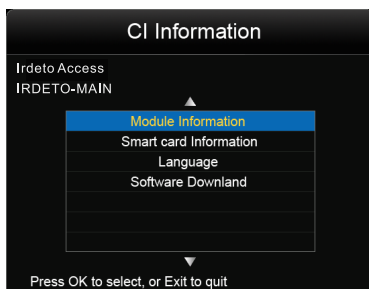
Restore to Default

(Restore Settings)

If you are unsure if your modified settings are correct and you want to revert back to Factory settings then activate the Restore to default option. This will not effect your currently tuned channels or set passwords.

Setting Menu

Network Setting

1. Press the Menu button and then press the ◄► button to select the Network Setting menu.

2. Press the ► buttons to select from the following options and then press the OK button

Wired
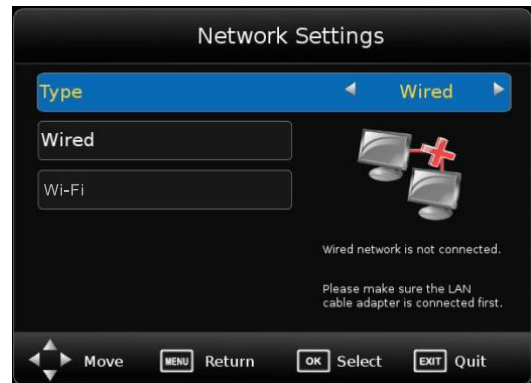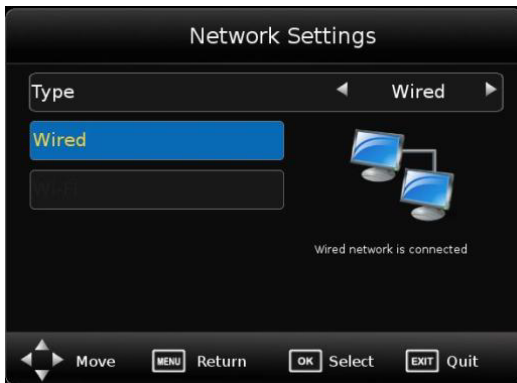
Press [OK] key to enter the settings of the wired network:

Internet Protocol Setup : Manually set the IP of the wired network information, or to automatically obtain the IP information of thewired network

IP/Netmask/GatewayDNS: Manual state is selected; the Auto state is not optional

MAC Address: Displays the MAC address of the motherboard. Not selectable

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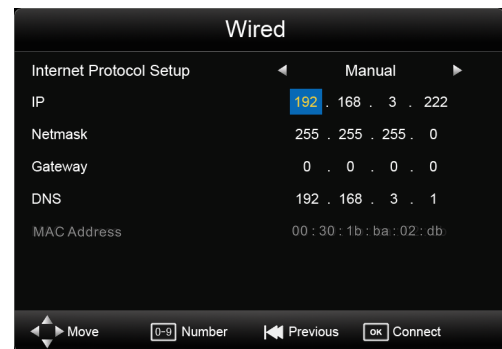
After setting, press [OK] button to connect, the connection is successful you receive the following message:

If the setting is not completed or the connection fails, "Wired network setting not complete. Internet connected Fail!" Prompt appears.

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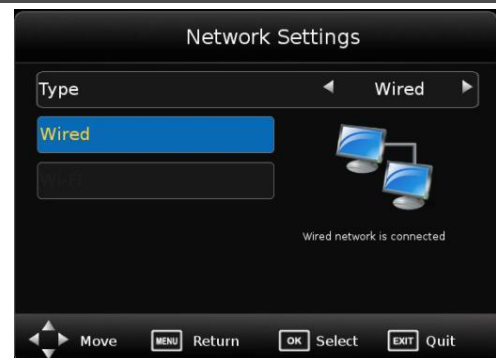
Setting Menu

PVR (DTV Mode)

Allows you to select your preferences in the PVR .

1. Press the **Menu** button then press the ◄► buttons to select the **Setting** menu.

2. Press the ▲▼ buttons to select **PVR** and then press the **OK** button.

Recorder List

Press OK button to enter the recorder list menu:

Press RED button to delete any programme.

Press Info button to display programme information.
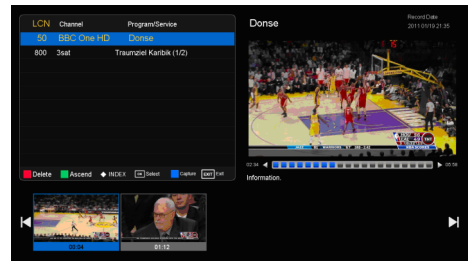
Recorder

The TV will record the programme automatically according to your settings.

Press OK button to enter the timer record.

Start time: Select the record time begin	
End time: Select the record time end	
Press the OK button to save and exit the menu	

Schedule List

Press to display Schedule List.

Note: Delete any scheduled recordings with the RED button.

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Setting Menu

PVR File System (DTV Mode)

Allows you to select your preferences in the PVR File System.
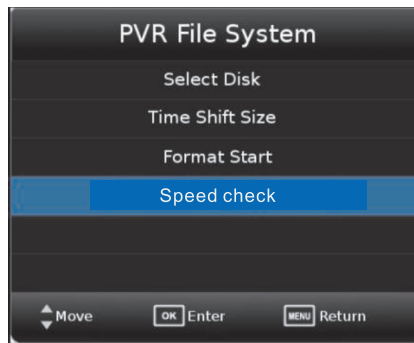
Select Disk :

Select the disk which you want to record to,
when there are more than two recording devices

Time Shift Size :
Select the amount of memory you wish to allocate
to the Time shift (record live TV function)
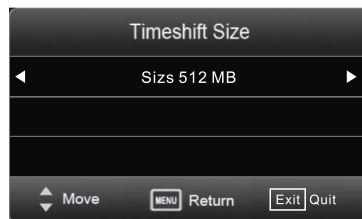
Format Start :
Press [OK] button to format device

Speed Check :
Press [OK] button to check device speed.
It will show the value a few minutes later.
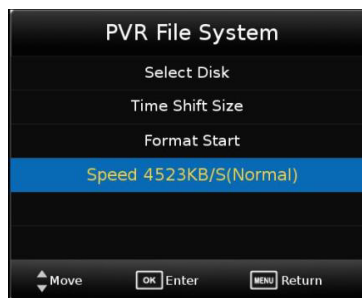
EPG (Electronic Programme Guide) (DTV Mode)

This system has an Electronic Programme Guide (EPG) to help you navigate through all the possible viewing options.

The EPG supplies information such as programme listings, start and end times for all available services. In addition, detailed information about the programme is often available in the EPG (the availability and amount of programme information will vary, depending on the particular broadcaster).

This function can be used only when the EPG information is broadcast by broadcasting companies.

The EPG displays the programme details for the next 7 days.

Switch On / Off EPG

1. Press the **EPG** button to switch on EPG.

2. Press the **EPG** button or the ↵ **Exit** button again to switch off EPG and return to normal TV viewing.

```
                        PROGRAMME GUIDE

04 May 2008      22:30-00:09
Morecambe and Wise star in this comic caper as they hit the Riviera,only to get caught up with a jewel thief, femme
fatale Alexandra Basttedo and a surfeit of corpses.

                                                    04 May 16 : 29
800 FIVE                 22:30-00:09   House
801 QVC                  00:09-00:19   Catch Attack
802 UKTV STYLE           00:19-01:05   Catch Attack
803 ITV2                 01:05-01:56   Dragon Ball Z
804 Channel 4            01:56-02:47   Dragon Ball Z
805 E4                   02:47-03:38   Dragon Ball Z
806 More 4               03:38-04:30   JT 2008
807 Channel 4+1          04:30-0519    Nicky Larson

    ◄ ► Move   OK Select   INFO Info   ◄◄ Prev Day  ►► Next Day  ■ Record  ■ Remind  ■ Schedule
```

Select a Programme

Press the ▲▼ buttons to select the desired channel. Press the **OK** button to confirm.

Button Functions in a 7 Days Guide

Remote Control Button	Function
RED (Record)	• **Timer Programming** See page 50 for details on **Timer Programming**. • Press the **RED** button in the **Schedule List** to delete the selected preset reminder.
GREEN(Remind)	Press the **GREEN** button to display the remind menu, and set the time. When the programme starts the TV will automatically switch to this programme.
YELLOW (Schedule)	Press the **YELLOW** button to view the preset reminders or scheduled recordings in the **Schedule List**.

```
                RECORDER
    Channel              Repeat
◄   1 BBC ONE    ►       Once
                Start Time
    Date                 Time
    9 - 11               18 : 27
                End Time
    Date                 Time
    9 - 11               18 : 30
        OK               Cancel
  ◆ Move     ■ Return     OK Enter
```

```
              Reminder Setting
    Channel              Repeat
◄   1 BBC ONE    ►       Once
                Start Time
    Date                 Time
    9 - 11               18 : 27
        OK               Cancel
  ◆ Move     ■ Return     OK Enter
```

```
Schedule List           02:24  18 05
  Mode      Time        Date          Programme Title         Channel Name
► Once   02:32-02:35  Fri. 18 Apr.2008  Papa baston           NT1              ►

  ◆ Move     ■ Delete     ■ Return     EXIT Quit
```

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Teletext (ATV Mode)

Teletext is a free service broadcast by some TV stations which gives up-to-the-minute information on news, weather, television programmes, share prices and many other topics. Using the Teletext control buttons you can view pages of information that are listed in the teletext index.

To Turn on Teletext Function

⚠️ Make sure the TV channel you are watching transmits teletext.
"No Teletext" sign will show on the screen if teletext is not available.

In ATV mode, press the **Text** button to enter Teletext mode.

Press the **Text** button three times to exit and the TV will return to the channel you were watching.

To select a page of text

Find the number of the page in the index and enter it using the **0-9** buttons. The number of the page will appear on the top left corner of the screen.
The page counter will search for your page. When it finds it, the page will be displayed.
To move to the next page of text, press the ▲ button.
To move to the previous page, press the ▼ button.

Mix

To view a page of text while watching a TV programme, press the **Text** button twice. The text will be superimposed over the TV programme.

Fasttext

At the bottom of the teletext screen is a row of subject headings in red, green, yellow and blue.
The remote control has a row of colour buttons corresponding to the row of coloured subjects on the screen.
Pressing one of the colour buttons will take you directly to the page corresponding to the subject heading.

Digital Teletext (DTV Mode)

Digital teletext can access special digital teletext services and specific services which broadcast digital teletext. You will need to turn off **Subtitle Function** before using teletext.

Teletext within Digital Service

1. Press the **TEXT** button to display the teletext page. If no Teletext service is available, a "No Teletext" message will be displayed.

2. Press the **0-9** buttons to select a page number.

3. Follow the instructions on digital teletext and move onto the next step by pressing **OK, ▲◀▶▼ , RED, GREEN, YELLOW, BLUE** or **0-9** buttons etc.

4. To change digital teletext service, select a different service by pressing the **0-9** buttons or the ▲▼ buttons.

↪ **Alternative** _____
You may press the **RED** button or the **Text** button to display the teletext information when you see a ● red logo displayed on the screen (e.g. BBC).

5. Press the **TEXT** button to exit.

Maintenance

Careful and regular cleaning can prolong the life of your TV.

⚠   Be sure to Disconnect the mains cable from the mains
    socket before any cleaning.

1. Use a soft dry cloth to wipe away the dust from the screen and surfaces.

2. If the surfaces are extremely dirty, clean the TV with a cloth which has been
   dipped in a weak soapy water. Wring the cloth until it is almost dry, then use it to
   wipe the TV.

3. Ensure there is no excess water on the screen. Allow any water or dampness to
   evaporate before switching the TV on.
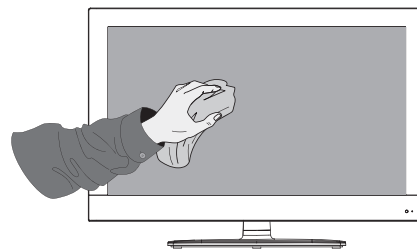
⚠   Never use alcohol, benzine, paint-thinner, cleaning fluid or other chemicals.
    Do not use compressed air to remove dust.

Hints and Tips

The following table contains various hints and tips to get the best performance from your TV. If you require additional assistance please call our UK Call Centre on **0871 2887345.**

The TV does not operate properly.	
The TV does not respond when pressing any buttons	• The TV may freeze up during use. Disconnect the mains cable from the mains socket for a few minutes. Reconnect the mains cable and try to operate it again as usual.
TV cannot be switched on	• Check that the TV is connected to the mains supply • Make sure all connected AV devices are switched off before switching on your TV.
The remote control does not work	• Check to see if there are any objects between the TV and the remote control causing an obstruction. Ensure that you are pointing the remote control directly at the TV. • Ensure that the batteries are installed with the correct polarity (+ to +, - to -). • Install new batteries.
Power is suddenly turned off	• Check the power of the TV. The mains supply maybe interrupted. • Check if the sleep timer is set. • Check whether the Auto Standby is activated.

The video function does not work.	
No Picture & No Sound	• Check whether the TV is switched on. • Try another channel. The problem may be caused by the broadcaster.
Picture appears slowly after switching on	• This is normal, the image is muted during the TV startup process. Please contact your service centre, if the picture has not appeared after five minutes.
No or poor colour or poor picture	• Adjust the settings in the **PICTURE** menu. • Try another channel. The problem may be caused by the broadcaster. • Check if the video cables are connected properly.
Horizontal / Vertical bar or picture shaking	• Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	• Station or cable channel may be experiencing problems, tune to another station. • Station signal is weak, reposition the aerial for better reception. • Check for sources of possible interference.
Lines or streaks in pictures	• Check aerial (Change the position of the aerial.)
No pictures when connecting HDMI	• Check if the input source is **HDMI**.
Picture appears in wrong ratio	• Adjust the **Aspect Ratio** settings in the **PICTURE** menu.

Hints and Tips

The audio function does not work.

Picture OK but no sound	• Press the **VOL** + / - buttons. • Sound muted? Press the **Mute** button. • Try another channel. The problem may be caused by the broadcaster.
No output from one of the speakers	• Adjust the **Balance** settings in the **SOUND** menu.
Unusual sound from Inside the TV	• A change in ambient humidity or temperature may result in an unusual noise when the TV is switched on or off and does not indicate a fault with the TV.
No sound when connecting HDMI	• Check if the input source is **HDMI**.
Audio noise	• Keep the RF coaxial cable away from the other connected cables.

Password

Lost Password	• Select the **Change Pin Code** setting in the **FEATURE** menu, then enter the following master password "**8899**". The master password clears your previous password and allows you to enter a new password.

There is a problem in PC mode.

The signal is out of range (Invalid format)	• Adjust the resolution, horizontal frequency, or vertical frequency.
Vertical bar or stripe on background & Horizontal Noise & Incorrect position	• Use Auto configure or adjust clock, phase, or H/V position.
Screen colour is unstable or single colour	• Check the signal cable. • Reinstall the PC video card.

FAQs (Frequently Asked Questions)

Why have I lost some / all of my channels?	• It happens sometimes, if you have a weak signal. Usually it just means you'll need to rescan your digital box or TV. Don't worry, it easy to do. And once you've done it, you should get all the Freeview channels available to you. If problems persist you may need to get your aerial checked. Talk to your retailer or contact your local aerial installer.
Why do I get 'blocking' on my digital picture?	• In most cases, blocking is caused by a reception problem – either the signal is too weak or there is some kind of interference. Talk to your retailer or contact your local aerial installer. • Blocking can also be caused by a digital signal that is too strong. If you are still experiencing blocking and the signal is strong, consult your local aerial installer for advice.
Can I watch Freeview using a portable set-top aerial?	• Some, but only a few, homes may be able to use a set top aerial. However, for a much better reception, we strongly recommend that you use a rooftop aerial. • If you do not have access to a rooftop aerial – for example, if you rent a flat and the aerial is the responsibility of your landlord, or if you're using a second TV in the bedroom and don't want the hassle and expense of using extension cables, a set – top aerial may be your only option.
What type of aerial do I need?	• If you are installing a new aerial, we recommend a wideband rooftop aerial rather than a loft aerial. Loft aerials generally receive a weaker digital signal and are more likely to get interference from other electrical devices in the home. We suggest you have an aerial survey done before getting an aerial upgrade. • Talk to your retailer or contact your local aerial installer.

Display Modes

The screen resolution has been optimised during production for the display modes listed below.

YPbPr Mode

Resolution	Vertical Frequency (Hz)	Aspect Ratio
480i: 720 x 480	60	4:3 / 16:9 / Zoom1 / Zoom2
480P: 720 x 480	60	
576i: 720 x 576	50	
576P: 720 x 576	50	
720P: 1280 x 720	50	
720P: 1280 x 720	60	
1080i: 1920 x 1080	50	
1080i: 1920 x 1080	60	
1080P: 1920 x 1080	50	
1080P: 1920 x 1080	60	

HDMI Mode

Resolution	Vertical Frequency (Hz)	Aspect Ratio
480i: 720 x 480	60	4:3 / 16:9 / Zoom1 / Zoom2 / Just Scan
480P: 720 x 480	60	
576i: 720 x 576	50	
576P: 720 x 576	50	
720P: 1280 x 720	50	
720P: 1280 x 720	60	
1080i: 1920 x 1080	50	
1080i: 1920 x 1080	60	
1080P: 1920 x 1080	50	
1080P: 1920 x 1080	60	
3840 x 2160	50	
3840 x 2160	60	

Specifications

Panel System	75 inch LED Panel
Display Resolution	3840 (H) x 2160 (V) pixels
Television System	PAL I / BG / DK SECAM BG / DK
Brightness	250 cd/m²
Contrast Ratio	1000:1
Energy Efficiency Class	A+
Screen Size (measured diagonally)	Approx. 190 cm (75 inch)
Operating Power consumption	150 W
Average Annual Energy Consumption	219 kWh
Standby Power Consumption	< 0.5 W
Operating Temperature	0℃ – 40℃
Vesa Wall mounting size / Screw size	400 x400mm / M6 x 10
Speaker Power	8 W + 8W
Dimension (W x D x H)without base	1678 x 65 x 964 mm
Dimension (W x D x H) with base	1678 x 325 x 1010 mm
Weight (Net)	29.2 kg
Inputs / Output	
HDMI	3
YPbPr	1
Common Interface（AUDIO IN）	1
AV	1
USB	1
DIGITAL (OPTICAL)	1
RF (75 Ω)	1
Earphone (3.5mm)	1

Features and specifications are subject to change without prior notice.

Safety Warnings

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.

Damage
- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

Location of Unit
- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- This unit is designed for indoor use only.

Temperature
- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas / electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames
- Never place any type of candle or naked flame on the top of or near the unit.

Moisture
- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

Ventilation
- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.
- Make sure that there is a gap of at least 10 cm on both sides and a gap of 20 cm at the top.
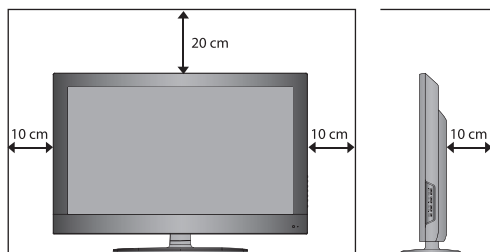
Safety
- Always disconnect the unit from the mains supply before connecting / disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.

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

Interference
- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Optimum viewing
- View the unit in moderate light to prevent eye strain. It is recommended to watch the unit from a distance 3-7 times that of the screen height.

LED screen
- The LED screen is manufactured using high-precision technology. However, some tiny black points and / or bright points (red, blue or green in colour) may constantly appear on the LED screen. These points are generated in the manufacturing process and are normal.

Screen Burn
- A characteristic of Plasma and LED TV Panels is that displaying the same image for a long time may cause a permanent after-image to remain on the screen. This is called screen burn. Most pictures shown on the unit will be constantly moving and fill the screen.
- Examples of images that you need to watch out for are as follows (this is not an all-inclusive list):
  1. **Black Bars:** If black bars appear at the left / right or top / bottom of the screen, it is recommended to change the format so that the picture fills the entire screen.
  2. **TV Channel Logos:** e.g. Shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.
  3. **Time Displays**
  4. **Teletext:** Do not view a stationary page for long periods of time.
  5. **TV Menus**
  6. **Pause Mode:** Do not leave the screen in pause mode for long periods of time, e.g. when watching videos.
- To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

Headphones

- Listening to loud sounds for prolonged periods of time may permanently damage your hearing.
- Before putting on headphones, turn the volume down then put the headphones on and slowly increase the volume until you reach a comfortable listening level.

Standby

- The ⏻ button on the remote control does not switch off the unit completely. The unit will continue to draw electricity from the mains supply while in standby. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit in standby while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.

Batteries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.

Supervision

- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

Service

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

Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.

Important Note

This TV is fitted with the latest ECO friendly power saving technology. If whilst viewing the TV remote control is not used for a period of 4 hours, the Auto Standby feature will operate and power down the TV. A warning message will be displayed to inform you that the TV is about to power down.

This option can be disabled by setting the Auto standby to OFF in the Settings/ Time menu.

Packaging materials are not toys. Please keep away from children. Plastic bags can cause suffocation when pulled over the head.

Waste Electrical Recycling

Correct disposal of Product

This sign indicates that this product may not be disposed of with your regular household waste. The recycling and separate collection of such products is your responsibility. Please drop off the above mentioned waste at a designated place for recycling waste electrical and electronic equipment. If you do not know where to drop off your waste equipment for recycling, please contact your local city office or household waste collection service.

Hg Cd Pb

The crossed out wheeled dust bin symbol indicates that batteries and /or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemicals symbols for lead(Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.

Pb

By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased this product.

This appliance complies with European Safety and Electrical directives.

It fullfils the following EU regulations

EN 55022:2006+A1:2007
EN 55013:2001+A1:2003+A2:2006
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2008
EN 55024:1998+A1:2001+A2:2003
EN 55020:2007