

22" / 24" FULL HD 1080p LED TV

Installation & Operating Instructions - Please keep for future reference

BUSH
Real Life Technology

dts
TruSurround



22/207F

227/4119D

22/207FDVD

249/4573D

24/207F

237/6127D

24/207FDVD

262/7821D

24/207FDVDW

262/9537D

24/207FDVDP

268/6666D

24/207FDVDS

227/8517D

Important - Please read these instructions fully before installing or operating

These instructions contain important information which will help you get the best from your television and ensure safe and correct installation and operation.

For any help concerning set up and use of your TV please call the Customer Helpline: 0345 604 0105

Lines open: 8.30am - 6pm Monday to Friday and 9am - 5pm Saturday

Important Safety Instructions

IMPORTANT - Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.



Warnings

- To reduce the risk of fire, electric shock or damage to the television, do not expose it to dust, rain or moisture, or place any objects filled with liquids on or near the television.
- Do not place the television in a confined space, ensure that nothing can obstruct the ventilation openings at the rear of the television.

To prevent the spread of fire, keep candles or other open flames away from this product at all times



- Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

Safety

- For your safety, this appliance is fitted with a fused moulded 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark.
- The television should be connected to a main socket outlet with a protective earthing connection.
- Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement Mains cable is required, contact the manufacturer for a suitable replacement.
- Never use the television if it is damaged in any way.
- Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration.
- Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.
- Never place mobile phones, speakers or any other device which may cause magnetic or radio interference with the television. If interference is apparent, move the device causing the interference away from the television.
- To disconnect the apparatus from the mains, please use the all pole mains switch located on the side, underside or rear of the TV. The switch shall remain readily operable.

- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Install the product at least 5cm from the wall for ventilation.
- Ensure that the power switch on the unit and the power plug are always easily accessible.

WARNING: Excessive noise when using earphones and headphones can cause a loss of hearing.

Maintenance

- To clean this unit, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a mild detergent solution.
- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using a chemically treated cloth, read the instructions that came with the cloth carefully.



CAUTION: If water or other liquid enters the television through the display panel surface or back cover a malfunction may occur.

Packaging

- The safest way to transport your item is in the original box/packaging - please save your packaging for this.
- You will need original box/packaging in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly.

Important Safety Instructions

IMPORTANT - Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.



Important Information - Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD/LED panel.

This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible LCD/LED panel deterioration can be limited by observing the following steps:

1. Reduce the brightness/contrast setting to a minimum viewing level.
2. Do not display the fixed image for extended periods of time.
3. Turn the power off when not in actual use.

Examples of images that you need to watch out for are as follows (this is not an exhaustive list):

- 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.
- Time Displays
- Teletext: Do not view a stationary page for a long period of time
- TV/DVD Menus: e.g. Listings of DVD disc content
- Pause Mode: Do not leave the TV in pause mode for long periods of time, e.g. When watching DVDs or videos.

Important - Once 'shadow image/screen burn' occurs, it will never disappear and is not repairable under warranty.

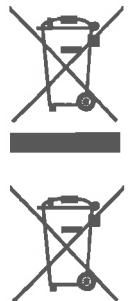
How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. For your nearest facilities, please see www.recycle-more.co.uk or in store for details.

ROI: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. Check with your Local Authority or retailer for recycling advice.

Batteries

- Do not expose batteries to high temperatures, excessive heat, prolonged sunshine or fire as this may cause leakage, explosion or ignition.
- Observe the correct polarity when inserting batteries.
- Do not use different types of batteries together or mix old and new batteries.
- Dispose of batteries in an environmentally friendly way.
- Certain regions may regulate the disposal of batteries.



Cd

Please consult your local authority.



For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS TruSurround is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved.

Contents

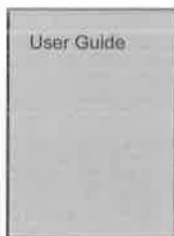
Manufacturers Guarantee Information	3
Important Safety Instructions	4-5
What is included in the box	8
Attaching the stand	9
Detaching the stand and securing the TV to a wall	10
Wall mounting	11
Getting Started - Initial Set Up	12
TV Buttons and Input Source Menu	13
Remote Control	14
Connections	15-17
TV Menu Operation	18-25
Channel Menu	18
Picture Menu	19-20
Sound Menu	21
Time Menu	22
System/Hotel Lock Menu	23
Setup Menu	24
DVD Setup	25
7 Day TV Guide	26
USB Record Digital / Freeview	27
USB Mode / Media Player	28
General Information	29-32
Using your TV with a Sky digital set top box	29
Frequently Asked Questions	30-31
Technical Specifications	32

What Is Included In The Box

Accessories

Included with this TV are the following accessories:

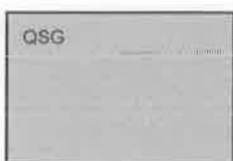
1 x User Guide



1 x Remote Control



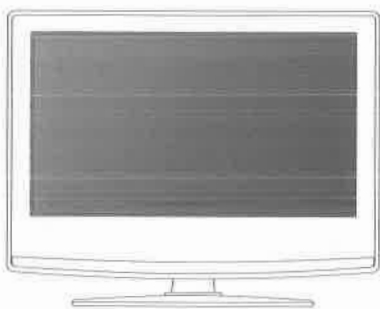
1 x Quick Start Guide



2 x AAA Batteries



1 x TV



1 x Stand Installation Pack



3 x M(4x12)



4 x ST(4x12)



1 x RF Cable



Please save your packaging as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in its original box/packaging.

Attaching The Stand

To complete the stand installation you will require a cross head screw driver.

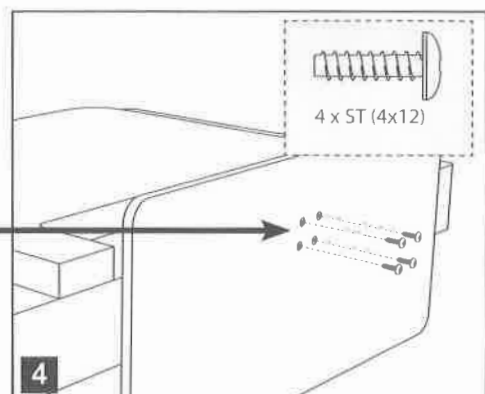
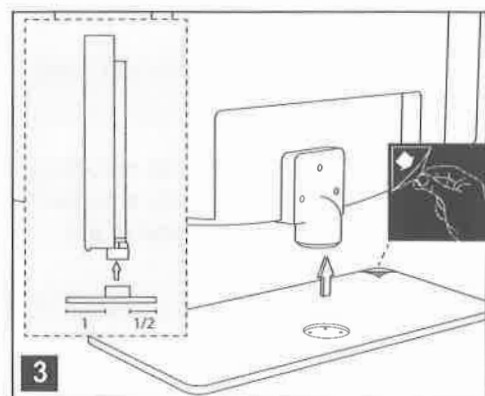
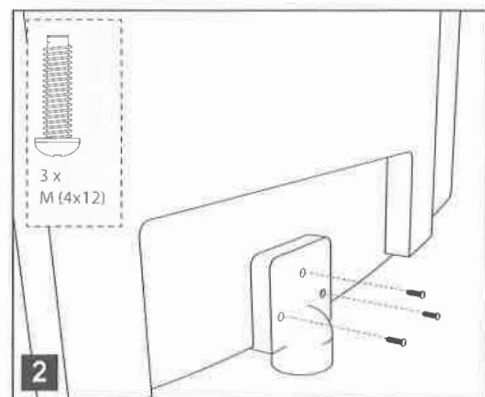
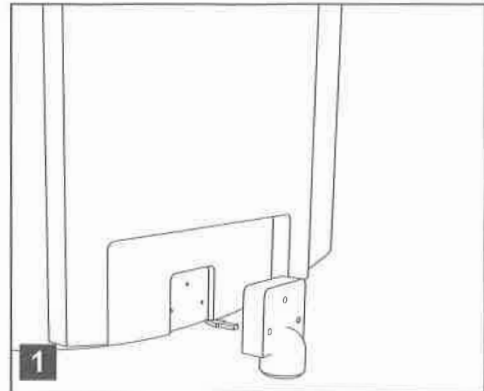
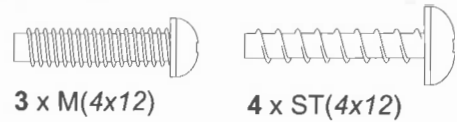
The Stand Installation pack comes with 2 sets of screws.

fig 1) Attach the stand neck to the rear of the TV set.

fig 2) Secure the neck to the TV using the 3 x M (4x12) screws provided.

fig 3) Attach the stand base to the neck.

fig 4) Secure the base to the neck using the 4 x ST (4x12) screws provided.



HELPFUL ADVICE FOR FIRST TIME STAND INSTALLATION

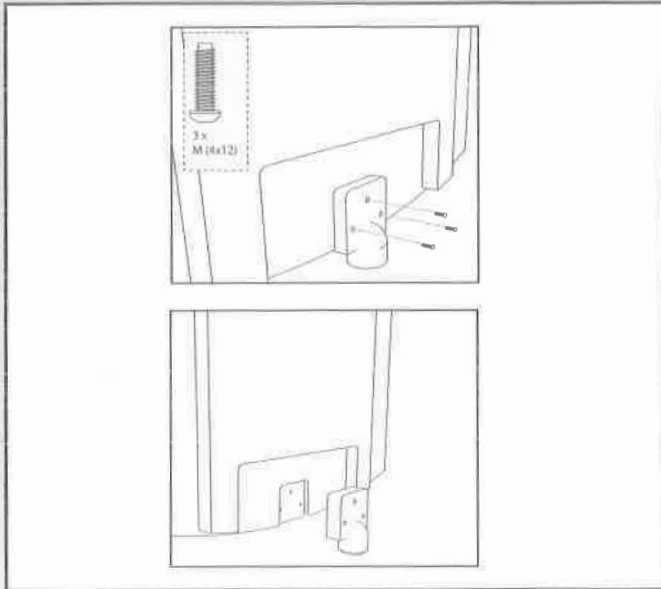
When securing the self-tapping screws into the base of the stand (on first installation) the screws will be naturally tight as they are creating a thread in the plastic of the stand neck in order to support a TV of this size.

- a) Ensure the cross head screw driver tip fits correctly into the head of the screw and that it is not too big or small.
- b) Screw in all screws individually and partially before tightening all of the screws individually and partially until they are fully inserted.
- c) If they become very tight try loosening them slightly and then re-tightening them once again as this will continue the process of creating the thread for the screws.

Detaching The Stand And Securing The TV To A Wall

Detaching the Stand

To detach the stand please remove the **3** screws highlighted then remove the stand neck and base from the rear of the TV set.



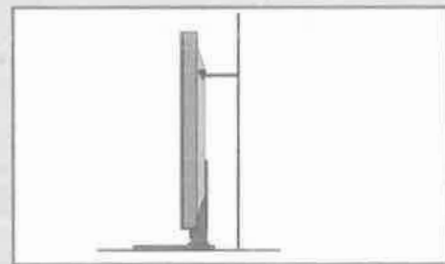
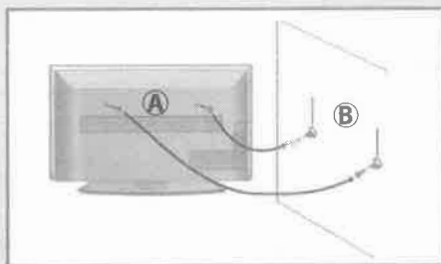
Securing the TV to a Wall

For maximum security in the home when using a TV with its stand anti-tip straps should be fitted. These are available from supermarket websites and other websites and are an easy, inexpensive and effective way of ensuring your TV stays safely upright. Straps are designed to be attached to the rear of the TV and then tethered to the wall or the furniture the TV is stood on, if wood. (The 2 images should appear underneath this text).

Note - Please ensure that children do not climb on the TV set.

A) Using one or both of the top wall-mounting holes and screws (the screws are already supplied in the wall mounting holes) fasten one end of the fastening cord/s to the TV.

B) Secure the other end of the fastening cord/s to your wall. (you will need screws/fixings suitable for your wall type - available separately from most DIY stores)



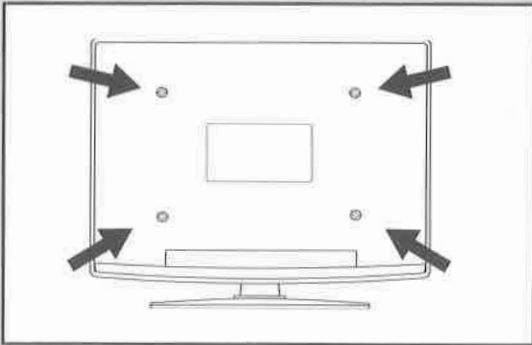
The Royal Society for the Prevention of Accidents is urging people to take care with flat-screen televisions.

RoSPA stated in 2010 that "Toddlers are particularly at risk of pulling flat-screen televisions on to themselves. They are unsteady on their feet and are attracted by colourful television images."

The risk is increased as televisions become lighter.

Wall Mounting

IMPORTANT - Before drilling any holes in the wall ensure you are not drilling where there could be any electric wires, water or gas pipes. To complete the stand installation you will require a cross head screw driver.



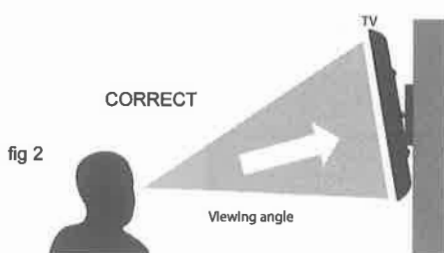
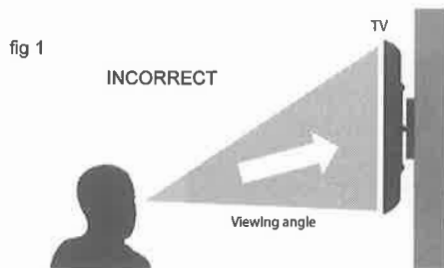
1) Remove the four screws highlighted below.

2) The wall mount can now be easily attached to the mounting holes on the rear of the TV. These holes are indicated in the picture below.

IMPORTANT – If wall mounting this TV, only use the screws already provided in the wall mounting holes. Using other screws which are longer could cause irreparable damage to internal parts.

For optimum viewing, if wall mounting the TV higher than eye level, the TV should be tilted downwards so that the TV's screen is 'face on'.

See **fig 1** and **2** below.



Getting Started - Initial Set Up

1) Using the RF cable supplied, connect the TV to the TV Aerial wall socket (Fig A).

Connect the power cable to the Electrical outlet (Fig B).

2) Switch on the television using the power on/off switch located on the side/underside of the TV.

3) Insert the batteries supplied into the Remote control and press the Standby button to power on the TV.

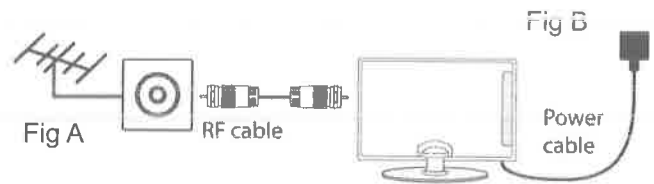
4) You will now be welcomed with the initial set-up screen. If it does not appear, on the remote control, please press [MENU] then 8-8-8-8 and the menu will appear. Press OK on the remote control and tuning will start.*

5) After tuning the following screen will appear.*

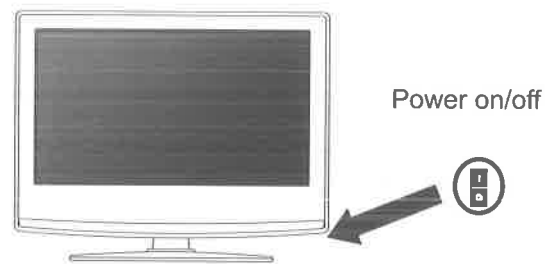
If you are missing channels, the reason for this is likely to be signal strength, you should consider connecting signal booster and re-tuning the TV.

* Screen shots/images are shown for illustration purposes only and may change dependent on model/region.

1



2



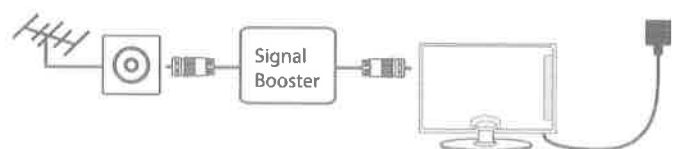
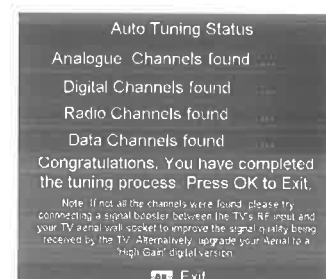
3



4



5

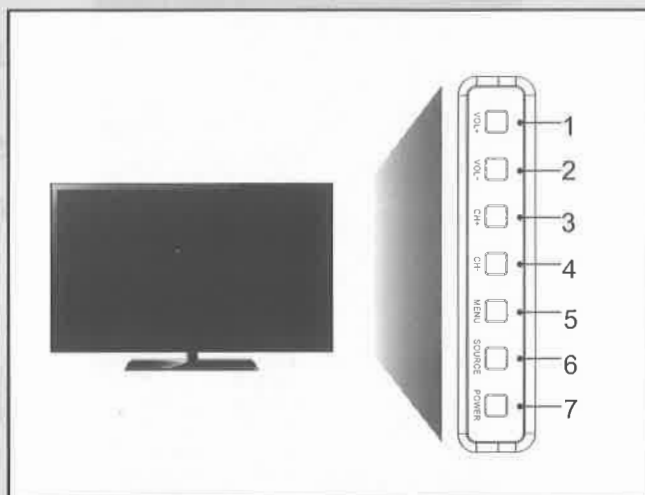


Important

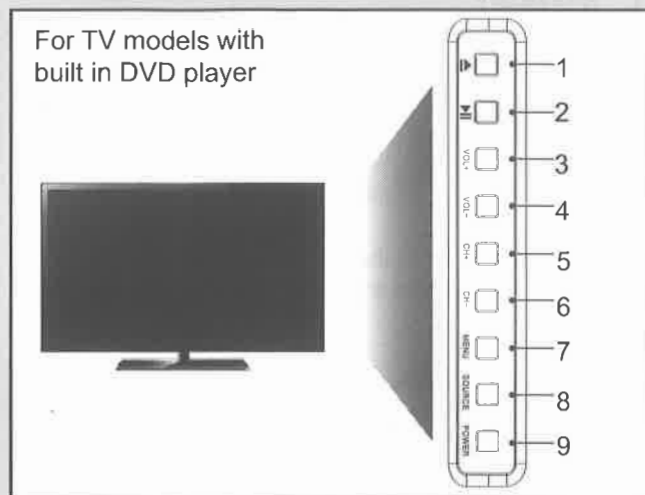
As part of our ongoing development to reduce power consumption, we have added an extra function to this Television called 'Home Mode' (you will see this during the first time installation set up). Power consumption using the Home Mode function is approximately 25% lower than some other modes. The picture brightness is reduced using the Home Mode function. If this function is not suitable for your viewing environment, you can select other modes as necessary. (Please note, 'Store mode' is for optimum default picture settings, however, power consumption is approximately 25% higher than 'Home Mode').

Please refer to the user guide section 'Picture settings' in order to change the mode to one that maybe more suitable for your environment. There is also a shortcut button on the remote control called 'P-Mode' should you wish to change to another mode.

TV Buttons & Source Menu



1. Volume up and menu right
2. Volume down and menu left
3. Programme/Channel up and menu up
4. Programme/Channel down and menu down
5. Displays Menu/OSD
6. Displays the input source menu
7. Standby Power On/Off



1. Stop/Eject DVD
2. Play/Pause DVD
3. Volume up and menu right
4. Volume down and menu left
5. Programme/Channel up and menu up
6. Programme/Channel down and menu down
7. Displays Menu/OSD
8. Displays the input source menu
9. Standby Power On/Off

Choosing Mode Input/Source

To switch between the different input/connections.

A) Using the buttons on the remote control:

- 1) Press [SOURCE] - The source menu will appear.
- 2) Press [V] or [^] to select the input you require.
- 3) Press [OK].

B) Using the buttons on the Television:

- 1) Press [SOURCE].
- 2) Scroll up / down using CH+ / CH- buttons to the input/source you require.
- 3) Press Vol+ to change input/source to the one selected.

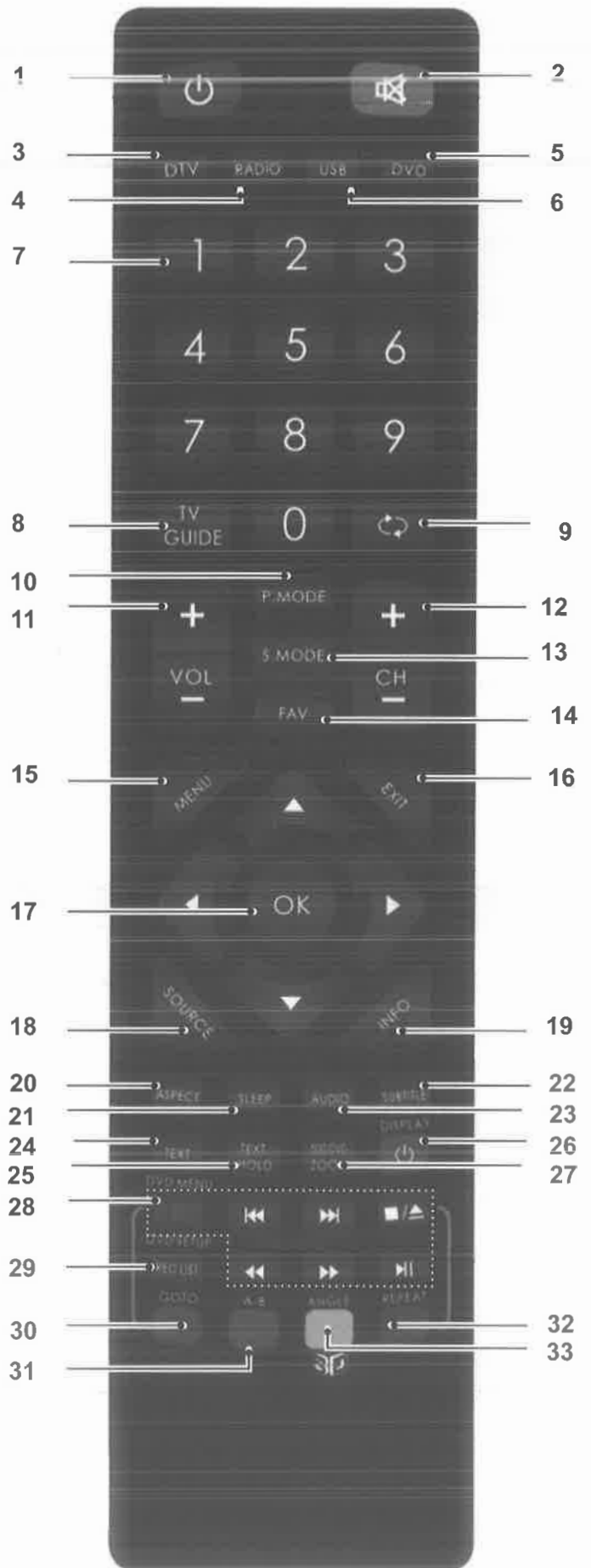


Example of Source menu depending on the TV model

Remote Control

Viewing remote control - TV

1. STANDBY
2. MUTE
3. DTV
4. RADIO
5. DVD
6. USB
7. NUMBER BUTTONS
8. TV GUIDE
9. ↻ - To return to the previous channel viewed
10. P.MODE - Scrolls through picture mode options
11. VOL ▲/▼
12. CH ▲/▼
13. S.MODE - Scrolls through sound mode options
14. FAV - To display favourites menu
15. MENU
16. EXIT
17. (▲/▼/◀/▶/OK) - Allows you to navigate the on-screen menus and adjust the system settings to your preference
18. SOURCE/AV
19. INFO - Press once for now/next channel information. Press twice for programme information about current programme
20. ASPECT
21. SLEEP
22. SUBTITLE
23. AUDIO
24. TEXT
25. TEXT HOLD
26. DISPLAY
27. TEXTZOOM/DVD ZOOM
28. DVD Menu/Record
29. REC LIST
30. GOTO
31. A-B
32. REPEAT
33. ANGLE/
3D - Change to 3D mode



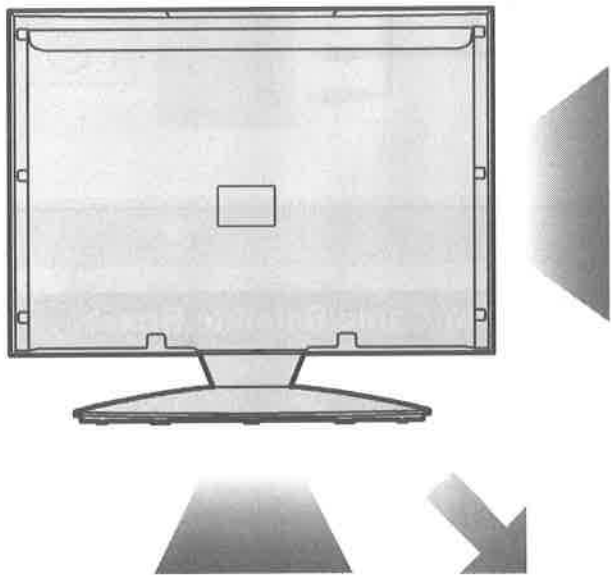
For Models with Integrated DVD players

For Models with PVR Function

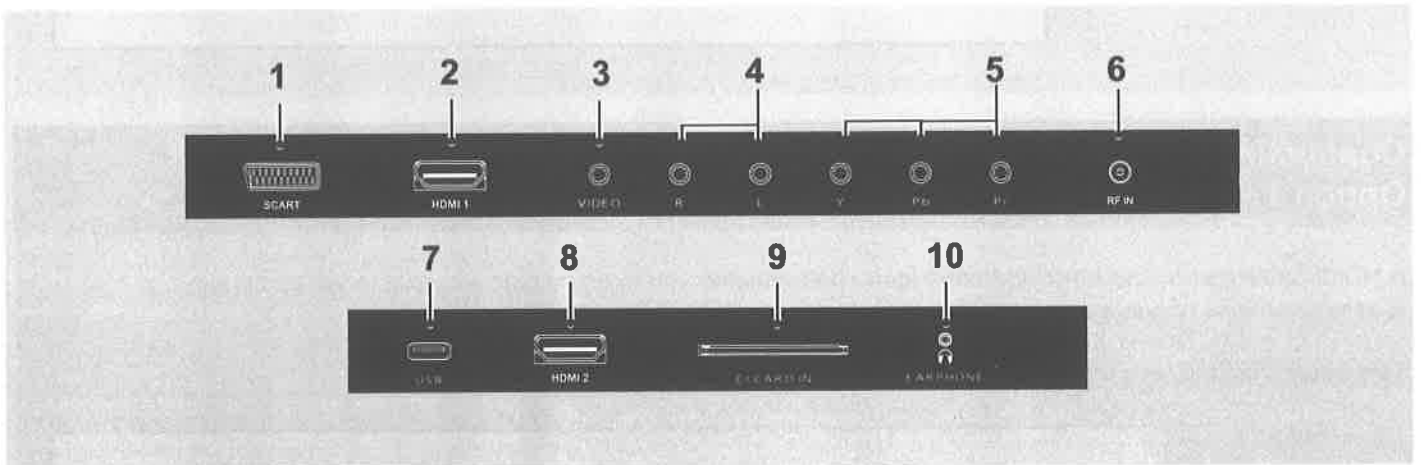
For Models with USB Playback

For Models with 3D Feature

Connections



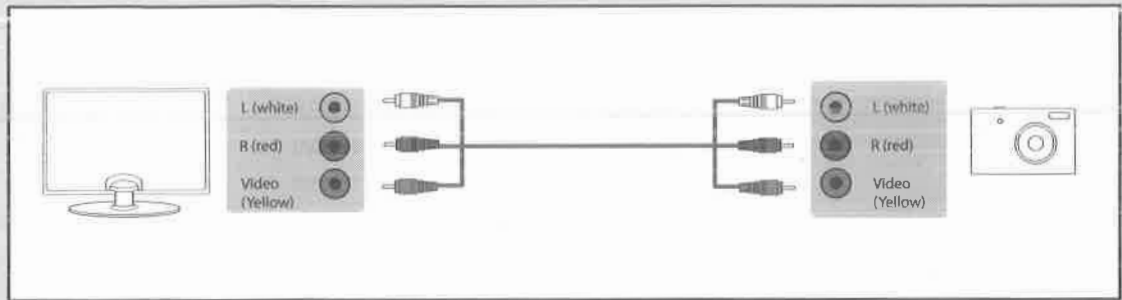
- | | | |
|-----------|----------------|-------------------------|
| 1 | SCART | SCART input |
| 2 | HDMI 1 | HDMI input |
| 3 | Video | Video Input |
| 4 | R/L Audio in | Component Audio input |
| 5 | COMPONENT (HD) | Component input (YPbPr) |
| 6 | RF IN | RF / TV Aerial Input |
| 7 | USB | USB Input |
| 8 | HDMI 2 | HDMI input |
| 9 | CI CARD IN | Common Interface module |
| 10 | EARPHONE | Earphone Socket |



Connections

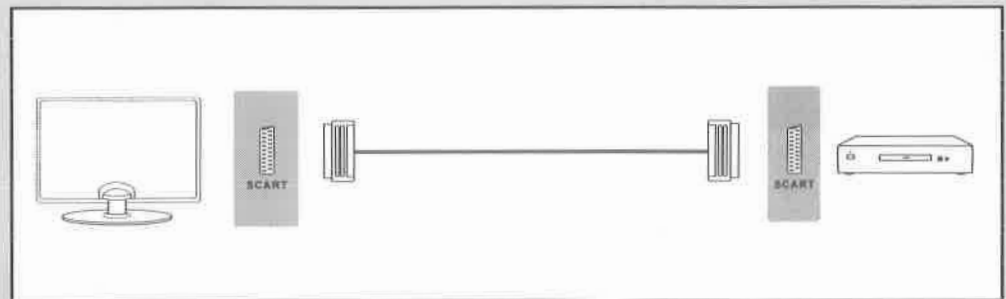
Connecting a Camcorder, Camera or Games Console

Source should be set to Video



Connecting a DVD Player/Recorder, Video Recorder or Cable/Satellite Box

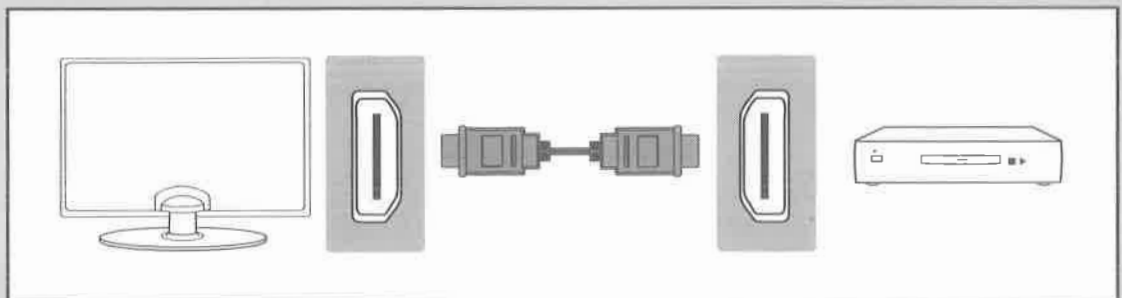
TV's Source should be set to SCART



Connecting a High Definition (HD) Device Option 1 - via HDMI to HDMI cable

A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of quality.

TV's Source should be set to the corresponding HDMI Port (HDMI 1, HDMI 2, etc)



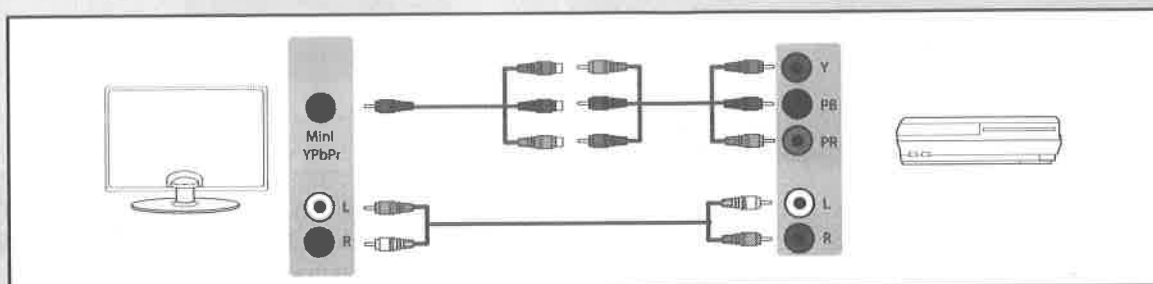
Note: This model TV can not be used as a PC/laptop monitor via HDMI input. The HDMI Input is provided to view digital content with compatible external devices.

Connections

Connecting a High Definition (HD) Device Option 2 - via Component cable

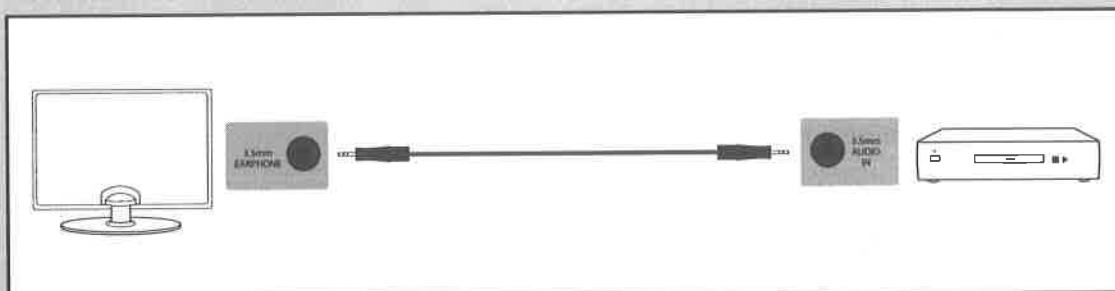
If you are supplied with a cable from the device which has RED, GREEN, BLUE, RED & WHITE connectors you must connect via Component (for picture) and by phono cable (for sound).

TV Source should be set to Component.



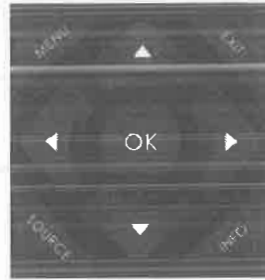
Connecting to an external audio device (Amplifiers, Surround Sound, Sound Bars etc)

When connecting via the TV's 3.5mm Earphone output, this will disable the TV speakers.



Note: Connecting cables are shown for example only and may not be included. Please check 'What Is Included In The Box' page.

Channel Menu



To access this menu, press [MENU] button on the remote control. To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll \blacktriangle \blacktriangledown \blacktriangleright \blacktriangleleft buttons. To confirm any settings press [OK] button.

To exit this menu at anytime, press [EXIT] button.

Auto Tuning

Allows you to retune the television for all digital channels, digital radio stations and analogue channels.

Analogue Manual Tuning

Allows you to manually tune your analogue signal

Freeview Manual Tuning

Allows you to manually tune your digital signal

Channel Edit

Allows you to delete, move, skip and add favourite channels.

Schedule List

Lists your programme reminders

Signal Information

Displays signal strength information

CI Information

Pay per view services require a "smartcard" to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a 'CAM' and a "smartcard". The CAM can then be inserted into the COMMON INTERFACE PORT (CI Card In).



Tip: If you do not press any buttons for 30 seconds, the menu will automatically exit. You can change the length of time before the menu exits automatically - see 'Menu Duration' section.

Picture Menu



To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼▶◀ buttons. To confirm any settings press [OK] button.

To exit this menu at anytime, press [EXIT] button.

Picture Mode

- Dynamic - Recommended settings for fast moving pictures
- Standard - Default settings
- Mild - Set to be lighter in colour and less bright
- Personal - Lets you manually alter all the settings
- Economy - Power saving mode which reduces the energy used by up to 25% (by reducing the power to the LED/LCD panel). In Economy mode, the TV will switch itself to Standby mode after 3-5 hours in the event that the TV buttons or remote control buttons are not pressed (change the picture mode to another setting to de-activate this function)

Contrast

Switch the balance between black and white

Brightness

Increase or decrease the brightness of the picture

Colour

Increases the colour from black and white

Tint

Lets you increase or decrease the level of tint within the picture

Sharpness

Increase or decrease the sharpness of the picture

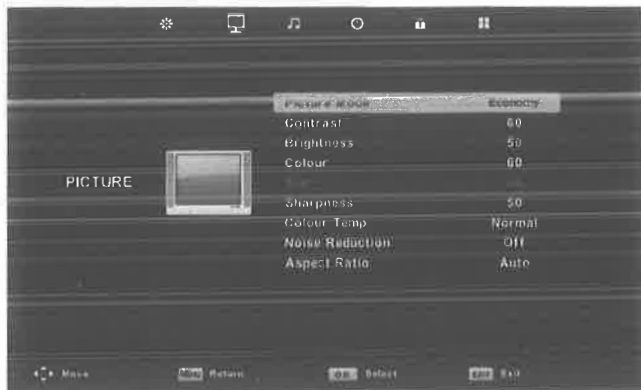
Colour Temperature

- Normal - Default settings
- Warm - Increases red within the picture
- Cool - Increases blue within the picture

Noise Reduction

- Off - Turns noise reduction off
- Low - Minor system adjustment
- Middle - Medium system adjustments
- High - Maximum system adjustments
- Default - Default settings

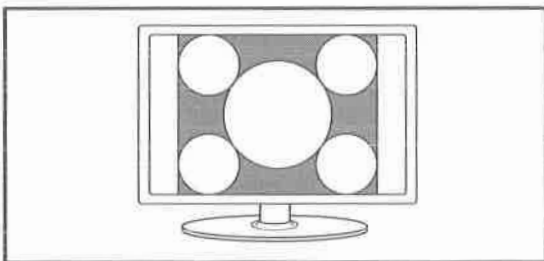
Picture Menu



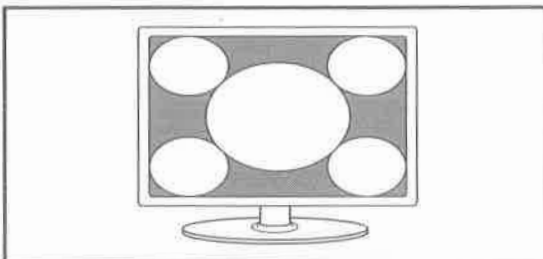
Aspect Ratio

Within the UK the picture format varies depending on the channel/broadcast. There are a number of different options to best meet your needs

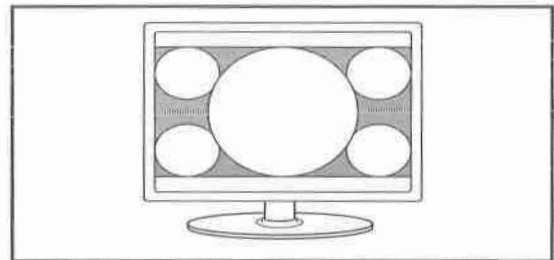
- **Auto** - Automatically displays the best picture format. So the picture is in the correct position. May have black lines at the top/bottom and/or sides.
- **Original** - Will display the picture from the broadcaster without any change
- **4:3** - Displays the 4:3 picture in its original size. Side bars are shown to fill the 16:9 screen



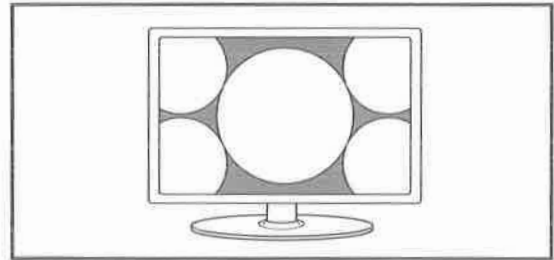
- **16:9** - Fills the screen with a regular 16:9 signal and 4:3 will stretch to fill the screen



- **14:9** - Displays the 14:9 picture in the correct proportion. As a result side bars are shown on the screen



- **Zoom** - The picture is the correct proportion but zoomed in to fill the screen



Sound Menu



Sound Mode

- Standard - Default settings
- Music - Emphasises music over voices
- Movie - Provides live and full sound for movies
- Sports - Emphasises sound for sports
- Personal - Selects your personal sound settings

Treble

To adjust the amount of high frequency within the sound

Bass

To adjust the amount of low frequency within the sound

Balance

To switch the sound between the left and right speakers

Auto Volume Level (AVL)

When 'on' is selected, the volume will stay at a constant level regardless of input/source

Surround Sound

- Off - Off
- TruSurround HD - TruSurround HD™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog

Digital Output

- Off - Off
- Auto - Selects the best settings automatically
- PCM - Select this option if you are connecting to a Stereo Hi-fi via coax cable (Pulse-code modulation (PCM) is a digital representation of an analogue signal)

Audio Description

This allows the user to increase and decrease the AD (Audio Description) volume level.

(Audio Description is a service available on certain programmes. It provides a description of what is happening during the selected programme for a person who is visually impaired)

Audio Delay

Enables the user to adjust setting to sync picture and audio

Tip: Treble and bass levels can only be adjusted when the sound mode 'Personal' is selected.



For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS TruSurround is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved.

Time Menu



Clock

Shows the date and time

Off Time

Allows you to set a specific time for your TV to turn off

On Time

Allows you to set a specific time for your TV to turn on, the channel it will then display, the source it will be on and also the volume. This function can then be toggled to repeat every day or a certain day.

Time Zone

Change your current time zone

Sleep Timer

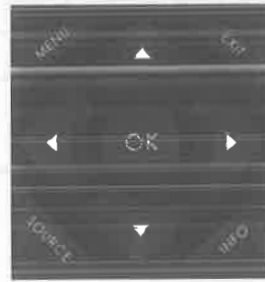
Lets you set the sleep timer so the television automatically switches off after a set amount of time.
Off -> 10min -> 20min -> 30min -> 60min -> 90min -> 120min -> 180min -> 240min

Auto standby

Set Auto standby between 3 hours, 4 hours and 5 hours (to turn off this function you must exit Home Mode in the Picture Menu)

OSD Timer

Lets you adjust the amount of time the On Screen Menu stays on the screen before disappearing



To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼▶◀ buttons. To confirm any settings press [OK] button.

To exit this menu at anytime, press [EXIT] button.

System/Hotel Lock Menu



System/Hotel Lock

Allows you to lock or unlock the menu. You will be asked to enter a 4 digit password use the ◀ button to quit the password input. Use the ▶ button to clear. Default password is 0000

TV Button Lock

Allows you to lock the buttons on the side of the TV set

Parental Guidance

Allows you to set the rating to block certain content based on age information

Default Source

Allows the user to set the default source. The default source is the source the TV starts on when first switched on

Default Channel

Allows the user to set a channel as the default channel on the Digital source. The default channel is the channel the TV starts on when first switched on

Source Lock

Allows you to lock the source menu

Channel Lock

Allows you to lock certain channels manually

Max Volume

Allows you to adjust and set the maximum volume

Change Password

Allows you to change the password

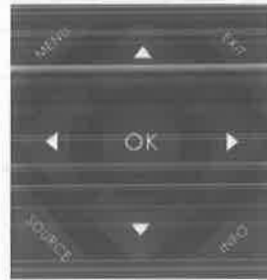
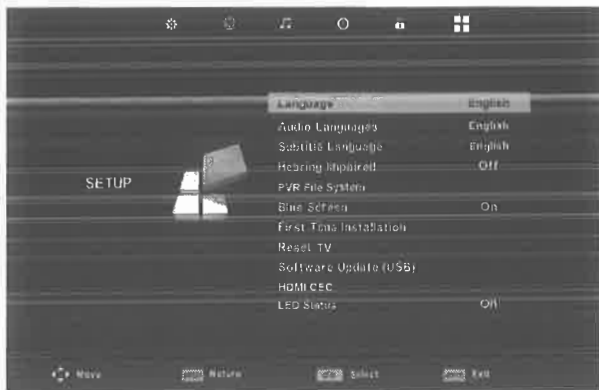


To access this menu, press [MENU] button on the remote control and scroll right. To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼▶◀ buttons. To confirm any settings press [OK] button.

To exit this menu at anytime, press [EXIT] button.

Setup Menu



Language

Allows you to change the language of the menu

Audio language

Allows the user to change the audio language

Subtitle Language

Allows the user to change the subtitle language

Hearing Impaired

This allows the user to turn on the Hearing Impaired function, this produces subtitles on the screen which provide a description of what is happening during the selected program.

PVR File System

Allows you to view the format and performance of a USB key

Blue Screen

Changes the background when there is no input between clear and a blue background (Only available on some sources)

First Time Installation

Allows you to retune the television for all digital channels, digital radio stations and analogue channels

Reset TV

This resets the menus to factory settings and will erase all TV channels stored on the television

Software Update (USB)

This menu lets you install the new software/firmware onto the television. Further details of how to do this will be issued with the firmware. Contact the helpline or refer to the 'product support' section of the website

HDMI CEC (Consumer Electronic Control)

Allows HDMI devices to control each other and allows the user to operate multiple devices with one remote control. (only available with compatible devices)

LED Status

Allows the user to switch the LED Power indicator light ON or OFF, when the TV is being operated. (When this option is set to OFF the LED Power indicator light will flash when the remote control is used)

DVD Setup

Applies to models with built in DVD players



TV Display - Choose from the following options

4:3 Pan Scan	PS Traditional picture format, often used on old film
4:3 Letter Box	LB Traditional picture which has been adapted for widescreen
Wide	16:9 Widescreen picture format

Speaker Setup - Choose from the following options

LT/RT	Converts from multi-channel sound to mono
Stereo	Converts from multi-channel sound to Stereo

Dual Mono - Choose from the following options

Stereo	Outputs 2 channels of sound both left and right
Mono L	Outputs left side sound
Mono R	Outputs right side sound
Mix Mono	Outputs a single channel of sound but mix between right and left

Dynamic Range - This is the difference between the quietest and loudest sounds. This setting works only with DVD discs recorded in Dolby digital.

Full	Set this to listen with the range recorded on the disc
3/4	Set this to listen with a range equivalent to a normal television
1/2	Set this to listen with a smaller difference between the maximum and minimum volume
1/4	Set this to listen with a smaller difference between the maximum and minimum volume
Off	Set dynamic range to off

TV Type - Choose from the following options

PAL	For discs from UK/Europe, Asia, Australia etc
Multi	For both NTSC and PAL
NTSC	For discs from North America, Japan etc

Default - Choose from the following options

Reset	Resets all options in the 'DVD setup' menu back to the default settings
--------------	---

Tip: This TV/DVD player is pre-set to play Region 2 DVDs. In the event you wish to use the TV/DVD in another country that uses different region discs, please visit www.umc-uk.co.uk. Select 'Product Support', 'Changing Region'.

7 Day TV Guide

TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the freeview channel). You can view the start and end time of all programmes and on all channels for the next 7 days and set reminders.

1) Press [TV GUIDE]. The following 7 Day TV Guide will appear.

The screenshot shows the '7 Day TV GUIDE' interface. At the top, it displays '10 Years Younger: The Challenge' with 'Season 2' and a description: 'Support worker Janice Cassidy's lifestyle of long working hours and a penchant for tanning has taken its toll, while the stress of bringing up two daughters and heavy smoking has affected interior designer Shere Morady. Surgeon Jan Stanek and the team set out to provide'. The date and time '04 Aug 2010 10:42' are shown in the top right. Below is a table of programmes:

Channel	Time	Programme
BBC1	05:00-06:00	10 Years Younger: The Challenge
BBC2	06:00-06:30	The Simpsons
ITV1	06:30-07:00	Hollyoaks
Channel 4	07:00-08:00	Channel 4 News
five	08:00-09:00	How to Look Good Naked
BBC3	09:00-10:00	Newlyweds: The One Year Itch
BBC4	10:00-11:15	Big Brother
ITV2	11:15-11:45	The Big Bang Theory

At the bottom of the screen, there are navigation icons: Record (red dot), Remind (green dot), Previous Day (yellow dot), Next Day (blue dot), Move View (diamond with arrows), and Display (info icon).

2) Navigate through the menu using ▲▼▶◀

You can now:

Record a programme by pressing RED (USB device must be connected)

Set a reminder by pressing GREEN

View a previous day by pressing YELLOW

View the next day by pressing BLUE

3) Press [EXIT] to exit the 7 day TV Guide.

USB Record - Digital / Freeview Mode

USB Record – Digital/Freeview Mode

Built into this television is a USB record facility. This function is available in Digital/Freeview mode when used in conjunction with a compatible USB memory stick or USB hard drive. The benefits of this are as follows:

- Pause live TV and then playback, fast forward and rewind (up to live TV)
- One button record, if you decide you want to record the current programme
- Easy programmable recording from the 7 day TV Guide
- Record TV and watch/listen back on your computer/laptop

Due to the nature of the product, it is necessary to use a high speed USB memory stick (as the TV reads from and writes to the memory stick at the same time, some memory sticks may not be suitable)

You can purchase high speed memory sticks from some computer stores, alternatively, we have a selection of tested and compatible memory sticks available to purchase directly from the helpline/web site.


Minimum Specification - USB Memory Stick	Read Speed	20 MB/s (Mega Byte Per Second)
	Write Speed	6 MB/s (Mega Byte Per Second)

If you wish to use a USB portable hard drive larger than 32GB, please refer to the FAQ section at the rear of this user guide.

Pause Live TV (Time Shift)

Pausing Live TV is very simple.



 - Press the play/pause button and the television will pause and the live content will be recorded. To resume watching press play/pause again.

 - Press fast forward to go forward in a recording (i.e. to skip adverts)

 - Press fast rewind to go back in a recording (i.e. if you fast forwarded too far)

Tip: When you switch the TV to standby or change channel the Time Shift memory is wiped. To restart time shift you must press play/pause button.

One Button Record

At any point in time you may decide to record the current channel that you are watching. To do this you need to press the red button highlighted below.



Tip: This television contains one TV tuner, therefore it can only record the channel you are watching or record one channel while the television is in standby mode.

Note: USB record function is only available in Digital/Freeview TV mode. Due to copyright laws and illegal copying/recording it is not possible to record to/from any other input/output source.

USB Mode / Media Player

USB mode offers playback of various different types of content that you have saved on your USB Memory Stick.

On switching to USB source the above menu screen will appear. The content will be divided into Photo, Music, Movie and Text based on file type.

1) You can navigate through the menus using the scroll ▲▼▶◀ buttons. To confirm the item you wish to play/view press [OK] button.

2) Select the drive you require.
(If your drive only has 1 partition you will only see 1 item).

3) You can now access the item. Press OK to view.

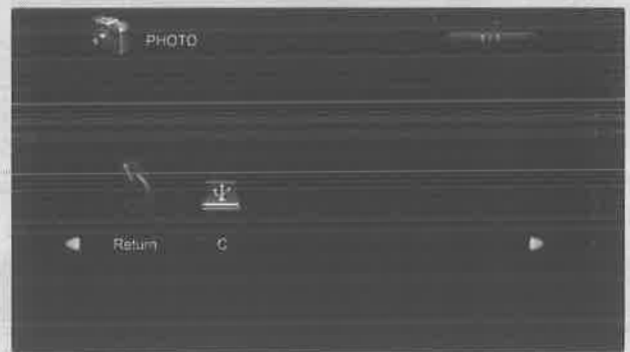
4) While viewing you control the item using (Fig A) or by pressing (i) and using ▲▼▶◀ and (OK)

Tip: If you experience a playback issue, please ensure the files being used are the correct format (example - the picture plays but no sound) See technical specification page for compatible file types

1)



2)



3)



4)



Fig A



Using Your TV With a Sky Digital Set Top Box

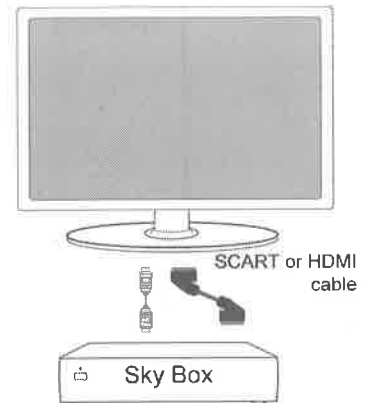
Option 1) Connecting your TV to your Sky box (when both the TV and Sky Box are located in the same room)

Depending on your Sky Box & TV model, connect either by SCART or HDMI cables (available separately)

If connecting by SCART, select the 'Input source' on the TV as SCART.

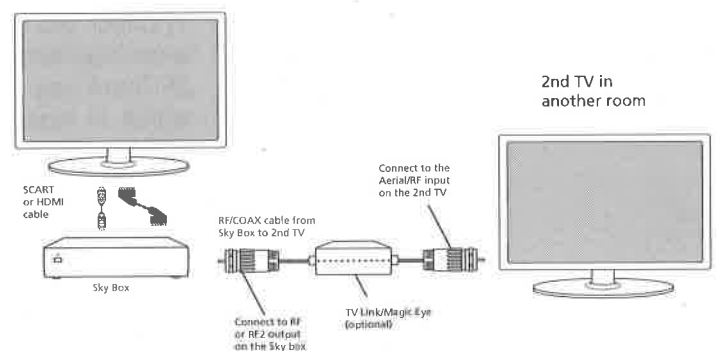
If connecting by HDMI, select the 'Input source' on the TV as HDMI (if the TV has more than 1 HDMI port, ensure you select the input source to match the HDMI numbered port on the rear of the TV)

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it. See bottom of this page.



Option 2) Connecting your TV to your Sky box (when your Sky box is located in a different room to the TV)

Please note, if you are adding a 'Magic Eye/TV Link' to your system so that you can use your Sky remote control to change the Sky channel in the room where the 2nd TV is located, please refer to the instructions included with the TV link/magic eye in order to ensure the RF or RF2 output on your Sky box is powered on. (The red LED light on the TV link/magic eye will light up if the RF / RF2 output is correctly set up) If you do not have the instructions that came with the TV link/magic eye, instructions on how to do it can be found on our web site.



- 1) To tune the TV to the Sky box, on the 2nd TV, select the 'Analogue' input source.
- 2) Select the channel that you wish to store the Sky box/channel on. (If you do not use channels 1-5 because you no longer have analogue terrestrial channels after digital switchover, you may choose to select channel 1 to store the Sky box/channel, if you still have and use analogue channels 1-5, you may for example decide that channel 6 is the best option for you)
- 3) Press the corresponding number on the remote control to select the desired analogue channel chosen as per point 2 above.
- 4) On the TV remote control, press Menu. Now navigate through the menus to select Manual Tuning or Analogue Manual tuning (refer to the Tuning/Channel menu section of this user guide if necessary)
- 5) Manually tune in the channel (usually, the Sky box is at a frequency between 800Mhz and 850Mhz) once the Sky box/channel is found, press 'OK' to store it.

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it. Please see below.

Using a Sky Remote or a Universal Remote to operate your TV

Sky Remote Control - If you wish to use your Sky remote to operate the basic functions of your TV, you need to programme a 4 digit code into it. Please note - you will need the latest Sky Revision 9 remote control as this is the only version that includes the latest software/firmware necessary to operate this model of TV. The code required for this television is 2134. If you wish to upgrade/replace your existing Sky remote control to the latest version, you can do so on our web site.

Universal Remote Control - If you wish to use a Universal remote control to operate your TV, please refer to the website for a full list of codes. (Please note we only have codes for One for All branded remote controls, if you have an alternative brand of Universal remote, please refer to the manufacturer for the code.)

Frequently Asked Questions

General	I would like to have louder sound by connecting additional speakers.	<p>Subject to the TV model and connections, it is possible to connect the TV to an external amplifier or surround sound (subject to connections/inputs on the device) as follows:-</p> <ol style="list-style-type: none"> 1) Connect a COAX cable* from the TV's COAX output to your amplifier/surround systems COAX input 2) Connect a 3.5mm jack to L/R phono cable* from the TV's headphone socket (where fitted) to your amplifier/surround sound L/R input. Please note sound to the TV's speakers will be disabled. <p>*cables and switches mentioned are available to purchase separately from your retailer.</p>
General	Why are some options in the menu unavailable and greyed out.	Some options are only available in certain sources, i.e. HDMI, PC/VGA. They are unavailable in the other sources where they have no affect.
General	Can I stop my TV turning off after 4hrs?	<p>Yes.</p> <p>In the time settings menu, scroll down to Auto standby and select OFF.</p>
TV	I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up.	<ol style="list-style-type: none"> 1) Check you are in an area that can receive Freeview. Visit www.freeview.co.uk 2) Check you are using an aerial that is able to receive a good digital signal. In most cases, you will need an outdoor digital hi-gain/wideband aerial. In areas that have excellent Freeview coverage, you may be able to use a loft type aerial but it is highly likely that you will also need to connect a booster between the back of the TV and the TV aerial wall socket. Unfortunately, to receive a good enough digital signal, it is not possible to use a portable/indoor type aerial. This may change once the analogue signal is switched off in 2012 and the Digital signal strength is increased.
TV	I have re-tuned my television but when I switch it off it is not storing the channels.	Complete a first time installation, please refer to the set-up menu section of the manual of how to do this.
VCR/DVD Recorder	I have connected the TV to my VCR or DVD Recorder via SCART but it is not recording.	In addition to connecting via SCART, you should connect the aerial cable from the wall socket to your VCR/DVD Recorder and another aerial cable from the VCR/DVD Recorder to the TV.
Game Consoles	I have connected my PS3 to the TV via HDMI, but I am not receiving any pictures or sound on my TV.	<ol style="list-style-type: none"> 1) Ensure the TV's source is on HDMI 2) Check your settings on your PS3 are as per the PS3 instruction manual.

Frequently Asked Questions

Game Consoles	I have connected my Xbox 360 to the TV via Component Cables (Red, Green & Blue) but I am not receiving any sound.	Component cables only provide HD Pictures. For the sound you will need to connect the Red & White audio cables on the Xbox to the Red & White phono inputs on the rear of the TV. Please refer to the 'Connections' pages.
USB Mode	I have inserted a USB Memory Key, but the TV does not recognise it.	Ensure the USB Memory Key is formatted to type FAT32.
USB Mode	Using a USB portable hard drive.	If you wish to use a portable hard drive larger than 32GB, please note that it must be formatted to the FAT32 file system in order to operate on this TV. Windows XP/Vista computers are only capable of formatting up to 32GB, therefore, you will need a software programme/utility to format larger hard drives. Please refer to the web site for more information.
USB Record / TV models only	I cannot change the channel, access the menu or use the red button	During Time Shift you cannot change the channel, access the menu or use the red button
USB Record / TV models only	When using the USB to record the picture 'breaks up' or experience loss of sound.	Check the USB Memory Stick meet the minimum requirements of Read Speed - 20 MB/s (Mega Byte Per Second), Write Speed - 6 MB/s (Mega Byte Per Second)
System Lock	I have changed the password on the television and now forgotten it.	There is a master password of 4711, to gain access to the TV menu and reset the normal password.
DVD	I have inserted a disc but it is not playing	<ol style="list-style-type: none"> 1) Ensure you have inserted the disc facing the correct way. 2) Ensure the disc is clean and is not scratched. 3) Some copied discs will not play. 4) Check the DVD is a region 2 disc – to change the region of the DVD player, refer to www.umc-uk.co.uk select 'product support', 'changing region'.
DVD	I have pressed the eject button but the disc is not coming out	To eject the disc hold the stop/eject button for 4 seconds.

Note:

Supplier may change TV software and on screen graphics without warning

Technical Specification

Model	22/207F	22/207FDVD	24/207F	24/207FDVD
Screen size (diagonal)	21.5"/55cm	21.5"/55cm	24"/61cm	24"/61cm
Resolution	1920 x 1080			
RF	75 ohm Antenna / Analog / DVB			
Video Inputs	2 x HDMI, 1 x SCART, 1 x USB, 1 x Composite/Video, 1 x Component/YPbPr			
Sound Inputs	1 x shared audio for Composite/Video & Component/YPbPr			
Sound Outputs	1 x 3.5mm headphone jack			
Sound power, watts (RMS)	2 x 3W			
Dimensions including stand (mm)	510W x 359H x 140D		572W x 394H x 141D	
Net weight	3.5 kgs	4 kgs	4.5 kgs	4.7 kgs
Energy Consumption Info				
Voltage and power consumption	110-240v 50 / 60Hz 20 / 40W (Ecohome /Max) EEI - A (Energy Rating) (in standby less than 0.5w) (0W in OFF mode)	110-240v 50 / 60Hz 20 / 50W (Ecohome /Max) EEI - A (Energy Rating) (in standby less than 0.5w) (0W in OFF mode)	110-240v 50 / 60Hz 24 / 40W (Ecohome /Max) EEI - A (Energy Rating) (in standby less than 0.5w) (0W in OFF mode)	110-240v 50 / 60Hz 24 / 50W (Ecohome /Max) EEI - A (Energy Rating) (in standby less than 0.5w) (0W in OFF mode)
Annual Energy Consumption	30 kWh	30 kWh	35 kWh	35 kWh
Wallmounting VESA	100 x 100 (mm)			