



DVB-T | DVB-C\* | DVB-S2\* | 3D\* | USB | PVR\* | DVD\*

## User Guide



Model No

32/124I-WB-5B-HBKUP-UK

# Important safety instructions



## Please, read these safety instructions and respect the following warnings before the appliance is operated:

- ☛ This TV with the weight of more than 20 kg must be lifted and carried by at least two people.
- ☛ Be careful! This TV does not contain any parts which could be repaired by the user. In case of a fault, contact the producer or the authorized service. The contact with certain parts inside the appliance might endanger your life. The guarantee is not provided for the faults caused by non-professional interactions!
- ☛ Do not remove the rear part of the appliance.

In order to prevent fire spread, always keep candles and other open flames away from this product.



- ☛ This appliance is designed for receiving and reproduction of video and sound signals. Any other use is strictly forbidden.
- ☛ The ideal distance to watch TV is approximately five times the diagonal of the screen. The light striking upon the screen from other light sources can cause reflections and make the quality of the picture worse.
- ☛ Please, ensure the sufficient ventilation and appropriate distance of the appliance from other pieces of furniture.
- ☛ Install the product at least 5cm from the wall for ventilation.
- ☛ The TV set is designed to be used in moderate climate.
- ☛ The TV set is designed exclusively for the operation in a dry place. When using the appliance outside, please, make sure it is protected against moisture (rain, splashing water). Never expose the appliance to moisture.
- ☛ Do not place any containers with water on the appliance, such as vases, etc. These containers might get pushed over, which would endanger electric safety. Place the appliance exclusively on flat and stable surfaces. Do not place any objects such as newspaper or blankets, etc. on or under the appliance.
- ☛ Make sure the appliance does not stand on any power cables as they might get damaged. Mobile phones and other devices such as WLAN adapters, monitoring cameras with wireless signal transmission, etc. might cause electromagnetic interference and they should not be placed near the appliance.
- ☛ Do not place the appliance near heating elements or in

a place with direct sunshine as it has a negative effect on cooling of the appliance. Heat storage is dangerous and it can seriously reduce the lifetime of the appliance. In order to ensure the safety, ask the qualified person to remove the dirt from the appliance.

- ☛ Try to prevent the mains cable or (if it is part of delivery) mains adapter damage. The appliance can only be connected with a supplied mains cable/adapter.
- ☛ Storms are dangerous for all electric appliances. If the mains or aerial wiring is struck by the lightning, the appliance might get damaged, even if it is turned off. Thus you should disconnect all the cables and connectors of the appliance before the storm.
- ☛ To clean the screen of the appliance use only a damp and soft cloth. Use only clean water, never detergents or in no case dissolvents.

## Warning:

- ☛ Never connect any external devices to a live appliance. Switch off not only the TV but also the devices which are being connected! Plug the appliance plug into the wall outlet after connecting the external devices and the aerial!
- ☛ Always make sure there is free access to the appliance main switch and to its mains plug.
- ☛ The appliance is not designed for a use in a workplace fitted with monitors.
- ☛ The systematic use of headphones at high volume might lead to irreversible hearing damage.
- ☛ Ensure environmental disposal of this appliance and any components including batteries. When in doubt, please, contact your local authority for details of recycling.
- ☛ While installing the appliance, do not forget that furniture surfaces are treated with various varnishes, plastics, etc. or they might be polished. The additions contained in these products might cause destruction of base material of appliance stand. This will result in the holdovers of this material stuck to the furniture surface, which are difficult to remove, if not even impossible.
- ☛ The screen of your TV responds to the top quality requirements and it was checked in details for accidental faulty pixels several times. Due to the technological properties of the manufacturing process, it is not possible to eliminate the existence of a small number of faulty points on the screen for 100% (even with maximum care while production provided). These faulty pixels are not considered faults in terms of guarantee conditions, if their extent is not greater than the boundaries defined by DIN norm.

# Important safety instructions

## Important information regarding use of video games, computers, captions and other fixed image displays.

- The extended use of fixed image program material can cause a permanent “shadow image” on LCD screen (this is sometimes incorrectly referred to as “burnout to the screen”). This shadow image is then permanently visible on the screen in the back-ground. It is a partly irreversible damage. You can avoid such a damage by respecting the following instructions:
  - Reduce the brightness/contrast setting to a minimum viewing level.
  - Do not display the fixed image for a long period of time. Avoid displaying of:
    - » Teletext time and charts,
    - » TV/DVD menu, e.g. DVD contents,
    - » In the „Pause“ mode (hold); Do not use this mode for a long time, e.g. while watching a DVD or a video.
    - » Turn off the appliance if you are not using it.

## Batteries

- Observe the correct polarity when inserting the batteries.
- Do not expose batteries to high temperatures and do not place them on locations where the temperature might increase quickly, e.g. near the fire or on the direct sunshine.
- Do not expose batteries to excessive radiant heat, do not throw them into the fire, do not disassemble them and do not try to recharge unchargeable batteries. They could leak out or explode.
  - » Never use different batteries together or mix new and old ones.
  - » Dispose of batteries in an environmentally friendly way.
  - » Most of the EU countries regulate the disposal of batteries by law.



## Product disposal

- 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.



# Important safety instructions

## 3D Safety Information

- If you watch the 3D imaging too closely or for a long period of time, it may harm your eyesight.
- Watching the TV or playing video games that incorporate 3D imaging with the 3D glasses for a long period of time can cause drowsiness, headaches or fatigue to you and/or your eyes. If you have a headache, or otherwise feel fatigued or drowsy, stop watching the TV and take a rest.
- Pregnant woman, seniors, persons with heart problems or persons who experience frequent drowsiness should refrain from watching 3D TV.
- Some 3D imaging may cause you to duck or dodge the image displayed in the video. Therefore, it is best if you do not watch 3D TV near fragile objects or near any objects that can be knocked over easily.
- Please prevent children under the age of 5 from watching 3D TV as it may affect their vision development.

## Warning for photosensitization seizure:

- Some viewers may experience a seizure or epilepsy when exposed to certain factors, including flashing lights or images in TV or video games. If you or anybody from your family has a history of epilepsy or seizure, please consult with your doctor before watching 3D TV. Also certain symptoms can occur in unspecified conditions without any previous history. If you experience any of the following symptoms, immediately stop watching the 3D imaging and consult a doctor: dizziness or light headedness, visual transition or altered vision, visual or facial instability, such as eye or muscle twitching, unconscious action, convulsion, loss of conscience, confusion or disorientation, loss of directional sense, cramps, or nausea. Parents should monitor their children, including teenagers, for these symptoms as they may be more sensitive to the effects of watching 3D TV.

## Risk of photosensitization seizure can be reduced with the following actions.

- Take frequent breaks from watching 3D TV.
- For those who have vision that is different in each eye, they should watch the TV after taking vision correction measures.
- Watch the TV so that your eyes are on the same level as the 3D screen and refrain from sitting too closely to the TV.
- Do not watch the 3D imaging when tired or sick, and avoid watching the 3D imaging for a long period of time.
- Do not wear the 3D glasses for any other purpose than viewing 3D imaging on a 3D TV.
- Some viewers may feel disoriented after watching 3D TV. Therefore, after you watch 3D TV, take a moment to regain awareness of your situation before moving.

# What is included in the box

## Accessories

Supply of this TV includes following parts:



1x TV



3D glasses\*



1x Remote control



1x Stand  
1x Stand neck



2x AAA batteries



1x RF cable



1x User guide



1x Mini Component to Component Cable \*



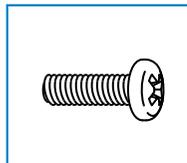
1x Quick Start Guide



1x Mini-AV Cable \*



1x Warranty card



1 x TV stand installation packet

\* - Selected models only

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 it's original box/packaging.

## Attaching the Stand

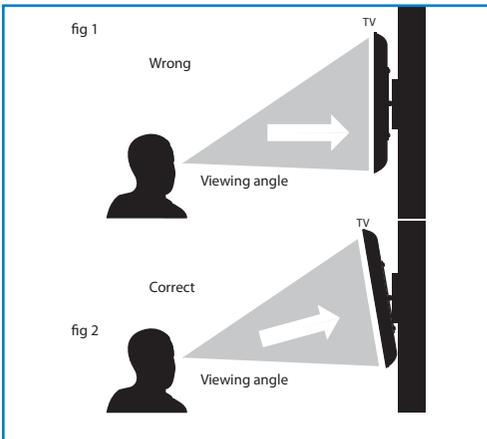
Please follow the instructions in the Stand installation leaflet, located in the accessories bag.

## Wall mounting the TV

This television requires a VESA 100 wall mount, or equivalent.

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.

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



## Important Note

Position the TV close to the wall to avoid the possibility of it falling when pushed.

The instructions shown below are a safer way to set up the TV, by fixing it to the wall, avoiding the possibility of it falling forwards if pulled. This will prevent the TV from falling forward and causing injury. This will also prevent the TV from damage.

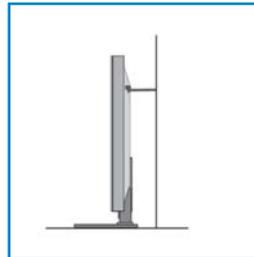
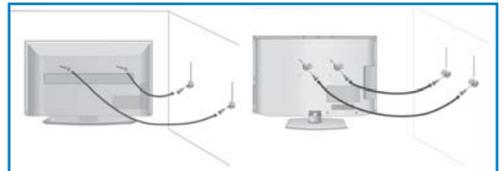
This method is used if the TV is placed on a glass surface or you do not wish to screw anything into your furniture.

Ensure that children do not climb or hang onto the TV.

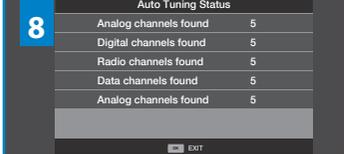
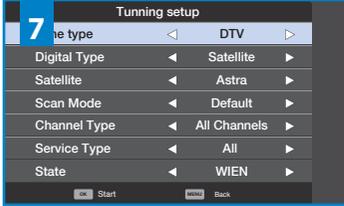
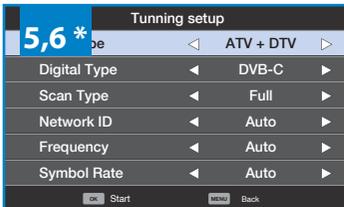
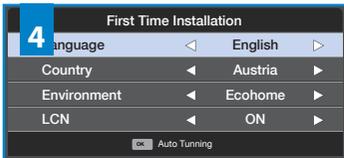
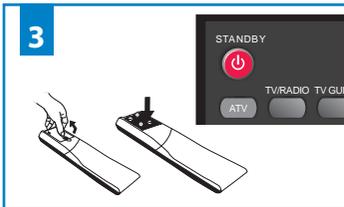
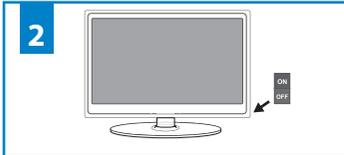
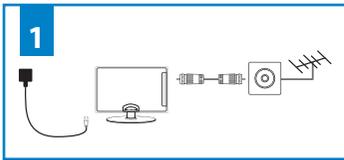
### For this type of installation you will need a fastening chord

A) Using one/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 chord/s to the TV.

B) Secure the other end of the fastening chord/s to your wall.



# Getting started - initial set up



- 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).
- Turn on the device with marked ON/OFF switch
- Insert the batteries supplied into the Remote control and press the Standby button to power on the TV.
- 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.  
As part of our continuing efforts to reduce energy consumption, we added a new Ecohome feature (appears on the screen first installation). This function helps reduce energy consumption up 15% compared to other modes. The image brightness is reduced using Ecohome mode. If this setting does not suit your environment, you can choose from other modes (Note: the professional mode is the optimal default mode, but consumes 15% more than the Ecohome). Please select desired language, country and environment. Set LCN\* to ON if you want to arrange found channels by cable provider preferences (only applies to DVB-C channels).  
Press OK button to start the tuning process.
- In the next step select the type of digital broadcasting. You can choose between DVB-T (terrestrial), DVB-C (cable) DVB-S2(satellite). The analog channel will be searched automatically, as most of the cable network includes analog channels. \*
- Select DVB-C if your TV is connected to a cable TV network. Keep all default settings as possible. Then press [OK] to start the search. If DVB-C channels are missing, contact your network provider for the valid "Network ID" . Then perform a new search. Press the [MENU], select "Automatic Channel Search" and enter the network ID. Start your search by clicking [OK]. \*
- Optional channel presets DVB-S2:** Select "Satellite" in the "Digital-type" in the menu for the optional channel presets. Here you can choose between the satellite operators. Then the channel preferences of the operator will be imported into your TV system. If you set country to Austria in previous step you can select form predefined regional settings.  
The execution takes about 10 seconds. Confirm with [OK] button on the remote control, the scanning starts ..
- After successful tuning process, 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.

## Tip:



If the TV finds some, but not all, of the Digital channels, the TV is functioning correctly but the signal being received is not strong enough. (The signal strength needs to be above 85% - you can see the signal strength the TV is receiving when you change channels/ programmes) you will need to increase the signal reception in order to receive all of the channels available. The most economical way to do this is by purchasing and connecting a 'signal booster' in between the TV and the TV aerial socket. If this does not solve the problem, you will need to upgrade the TV aerial to a digital hi-gain compatible aerial

\* - Only for models with DVB-C tuner

# TV buttons & Source menu

<b>▲</b>	Eject *
<b>⏮</b>	Play / Pause *
<b>Vol+</b>	Volume up and menu right
<b>Vol-</b>	Volume down and menu left
<b>CH+</b>	Programme/Channel up and menu up
<b>CH-</b>	Programme/Channel down and menu down
<b>MENU</b>	Displays Menu/OSD
<b>SOURCE</b>	Displays the input source menu
<b>STANDBY</b>	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/ AV] - The source menu will appear.
2. Press [▼] 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.



\* - Only on supported devices

# Remote control

- 1. STANDBY** – Switch on TV when in standby or vice versa.  
**MUTE** – Mute the sound or vice versa.  
**TV/RADIO** – Switch to Digital and switch between TV and radio in Digital mode.  
**TV GUIDE** – Opens the 7 Day TV Guide (Digital mode).  
**ATV** – Switch to analogue TV source.  
**USB** – Switch to USB source.  
**DVD**<sup>1</sup> - Switch to DVD mode  
**EJECT**<sup>1</sup> - Eject DVD \*
- 2. REC**<sup>2</sup> – To record what is currently on television.  
**REC LIST**<sup>3</sup> – Opens the list of what you have previously recorded.  
 (⏮) – To restart the current chapter\*.  
 (⏪) – To advance forward to the next chapter\*.  
 (⏸) – To stop the playback\*.  
 (⏩) – To play in fast rewind mode\*.  
 (⏭) – To play in fast forward mode\*.  
 (⏹) – To play/pause  
 \* - Pause live TV when USB Memory Stick is inserted.
- 3. SOURCE/AV** – To display the input/source menu.  
**INFO** – Press once for now/next channel information. Press twice for programme information about current programme.  
**(▲/▼/◀/▶/OK)** – Allows you to navigate the on-screen menus and adjust the system settings to your preference.  
**MENU** – To display OSD menu.  
**EXIT** – To exit all menus.  
**NUMBER BUTTONS – 0 – 9** to select a TV channel directly.  
 (↶) – To return to the previous channel viewed.  
**FAV** – To display favourites menu.
- 4. VOL ▲/▼** – To increase / decrease the sound level.  
**SUBTITLE** – To switch the dialogue at the bottom of the screen (on/off).  
**ASPECT** – To switch the screen between the different picture formats.  
**AUDIO** – To change the audio language (if available).  
**SLEEP** – Press repeatedly to cycle through the sleep options.  
**CH ▲/▼** – To increase or decrease the channel being watched.

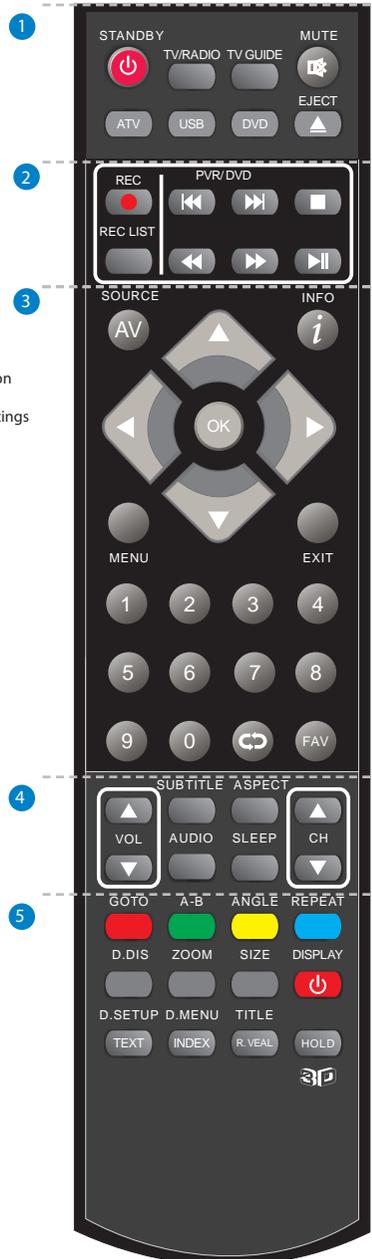
- GOTO**<sup>1</sup> – DVD mode - To go to a specific chapter  
**A-B**<sup>1</sup> – DVD mode - Press once to set point, press a second time to return to point  
**ANGLE**<sup>1</sup> – DVD mode - Select different angle of DVD (if available)  
**REPEAT**<sup>1</sup> – DVD mode - To repeat playback  
**D.DIS**<sup>1</sup> – DVD mode - To display the current disc information  
**ZOOM**<sup>1</sup> – DVD mode - To zoom in  
**SIZE** – Teletext mode - To change the display size in Teletext mode  
**DISPLAY**<sup>1</sup> – To switch off the screen when listening to radio  
**D SETUP**<sup>1</sup>/**TEXT** – DVD mode - To display the DVD setup menu  
 Teletext mode - To enter Teletext  
**D.MENU**<sup>1</sup>/**INDEX** – DVD mode - To display the DVD disc menu  
 Teletext mode – To display the index page  
**TITLE**<sup>1</sup>/**REVEAL** – DVD mode - To display the DVD title menu  
 Teletext mode – To reveal or hide the hidden words.  
**HOLD**<sup>1</sup> - Teletext mode - Hold current page which is displayed  
 3D Mode<sup>4</sup> - Switches between 3D type settings  
**S.MODE**<sup>2</sup> - Scrolls through sound mode options  
**P.MODE**<sup>2</sup> - Scrolls through picture mode options

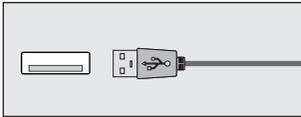
1 - Functions are available only for TVs with DVD players

2 - Functions are available only for TVs without DVD players and PVR

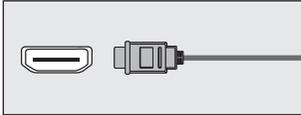
3 - Functions are available only for TVs with DVD players

4 - Functions are available only for TVs 3D.

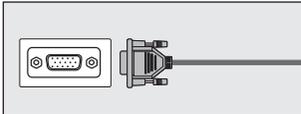




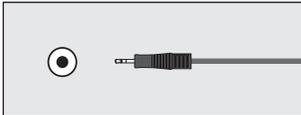
**USB**  
USB-Input



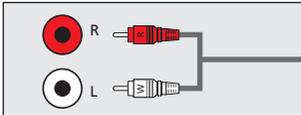
**HDMI 1, 2\*, 3\* in**  
HDMI-Input 1, 2\*, 3\*



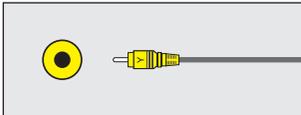
**VGA(PC) \***  
VGA PC-Input



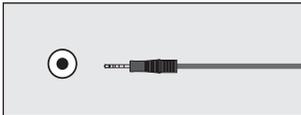
**VGA (PC) Audio In \***  
3.5mm PC audio input



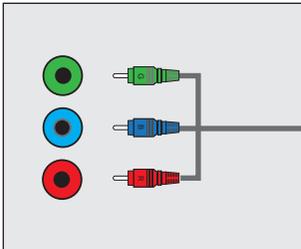
**R/L - Video & YPbPr audio In \***  
Component / Video audio input



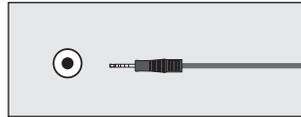
**Video (CVBS) \***  
VIDEO Input



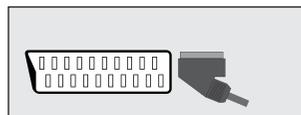
**Mini YPbPr \***  
Mini Component HD Input



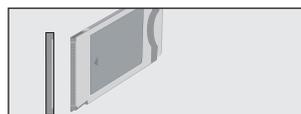
**YPbPr \***  
Component HD Input



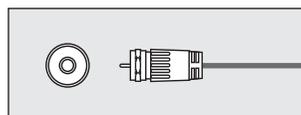
**Mini Video \***  
Mini video input and Audio input rot YPbPr and Video



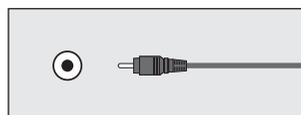
**SCART \***  
SCART-Input



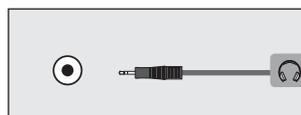
**CI Card IN**  
SCART input



**RF In**  
RF / TV Aerial input



**COAX Audio Out \***  
Digital Coax output



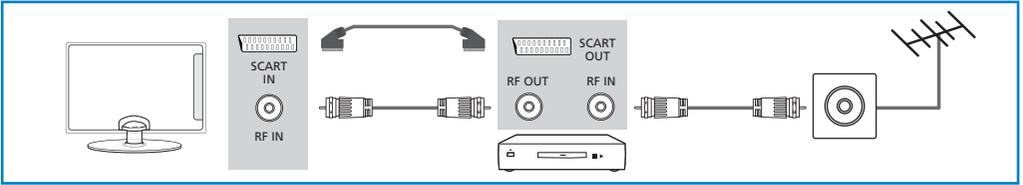
**HEADPHONES**  
3.5mm Headphone output

\* - optional

# Connections

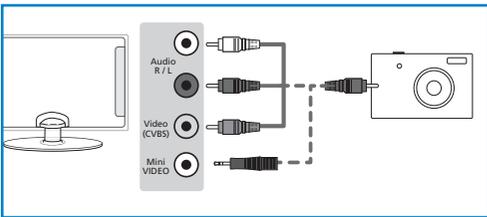
## Connecting a DVD Player/Recorder, Video Recorder or Cable/Satellite Box

TVs Input/Source should be set to SCART.



## Connecting a Camcorder, Camera or Games Console

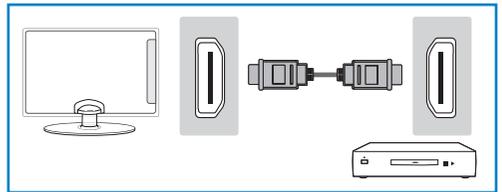
TVs Input / Source should be set to Video.



## 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.

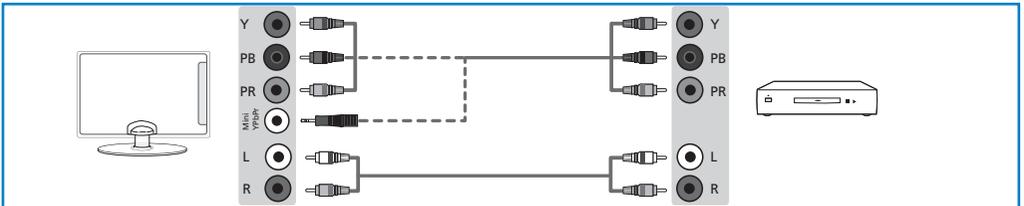
TVs Input/Source should be set to HDMI.



Option 2 - via Component cable.

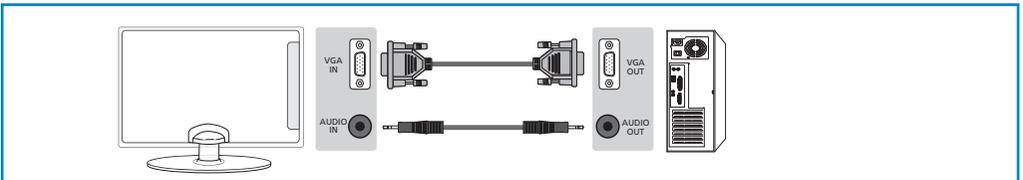
If you are supplied with a cable from the device which has RED, GREEN, BLUE, RED & WHITE connectors you must use included YPbPr to MINI YPbPr cable adaptor to connect via Component (for picture) and by phono cable (for sound).

TVs Input / Source should be set to Component.



## Using the television as a computer monitor

Connect the VGA cable (not supplied) to the TV and then to your PC or laptop. In order to use the TV speakers, you connect your PC or laptop to the audio input IN of the TV, just over 3.5 mm jack (not included). The input source of the TV must be set to VGA.



### Tip:

Maximum cable length for USB and HDMI cable is 3 meters.

### TV Menu navigation



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 (▲/▼/◀/▶) buttons. To confirm any settings press [OK] button.

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

### Channel



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

**DTV Manual Tuning** - Allows you to manually tune your digital signal.

**ATV Manual Tuning** - Allows you to manually tune your analogue signal.

**Programme Edit** - Allows you to delete, skip and add favourite channels.

**Schedule List** - Lists your programme reminders.

**Signal Information** - Information about satellite signal.

**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).

**Dish Setup** - This menu is only available in DVB-S2 mode. You can select the type of satellite, your transponder and your LNB type, etc..

### Picture



**Picture Mode** - Choose from the following presets.

Standard	Default settings
Dynamic	Recommended settings for fast moving pictures
Mild	Set to be lighter in colour and less bright
Personal	Lets you manually alter all the settings
Ecohome	Consume 15% less energy.

**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** - Choose from the following presets.

Normal	Default settings
Warm	Increases red within the picture
Cold	Increases blue within the picture

**Noise Reduction** - Choose from the following presets.

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

**100 Hz Mode\*** - Settings for smooth playback in 100Hz mode.

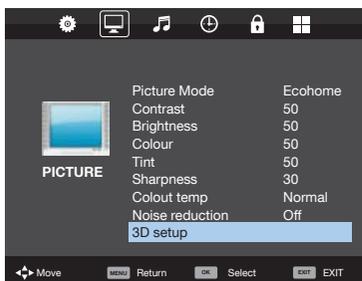
Tip: If you do not press any buttons for 10 seconds, the menu will automatically exit. You can change the length of time before the menu exits automatically - see 'Menu Duration' section.

\* - Only for models with AMR 400

# TV Menu operation

## 3D Settings\*

### 3D Settings \*



For the best 3D picture effect, watch your TV from vertical angle +/- 10°.

**3D Type** - 3D Type- When connecting a 3D product sometimes the picture maybe displayed incorrectly; choose from the following settings to correct this. You can toggle these settings by pressing the '3D' button on your remote (see page 119).

3D off	Turns 3D off
Side by Side 3D Format	3D format is commonly used in 3D broadcasting, works by halving the horizontal resolution of videos to store left and right eye images in each frame. It effectively displays up to 960 x 1,080-pixel pictures to each eye, enabling TV stations to telecast 3D content at a much lower bandwidth compared with 3D Blu-ray discs. Typical supported resolutions are limited to 720p and 1080i for 3D TV programs. Users will need to manually select the correct 3D format to properly display side-by-side 3D content on a 3D TV.
Top Bottom 3D Format	3D format is alternative for 3D broadcast, which is pretty similar to side-by-side 3D except that it halves the vertical resolution instead. Available primarily up to 720p resolution, top-and-bottom 3D offers 1,280 pixels horizontally. The higher pixel count is generally considered more suitable for displaying panning motion in sports programs.
Frame Alternative	As its name suggests, this format stacks the left and right eye images in each frame to retain the content's original resolution for the best 3D pictures. Most, if not all, 1080p 3D Blu-ray movie discs and 720p PS3 3D games are produced utilizing this technique. Another key differentiator is that all 3D TVs should be able to automatically detect frame-packing 3D signals and correctly display the content without user intervention.
Line by Line	The picture signals for left and right eyes are interleaved in alternate lines. The left clip's resolution is halved then placed in the odd lines of the video stream. Correspondingly, the right clip's resolution is halved then placed in the even lines of the video stream. When combined the video stream totals 1920x1080.

**Exchange 3D L/R**- change picture sequence for different viewing

**2D to 3D**- Changes the picture from regular 2 dimensions to 3 (3D). Please note as content is being changed by the TV the effects are limited

**3D to 2D**- Changes the picture from 3D to regular 2 dimensions (2D).

**2D to 3D Depth** - Depth of pictures converted from 2D to 3D.

\* - Only for models with 3D function

### Sound



**Sound Mode** - Choose from the following presets:

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

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

**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.

**Digital Output** - This is the digital COAX Audio output. Choose from the following options:

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)

**AD Switch** - Additional sound track for visually impaired. Available only on selected DTV shows.

### Time



**Clock** - Set 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** - Toggle the Function on and off.

### Lock



**System 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.

**Set Password** - Change the default password.

**Block Program** - Lock specific TV channels.

**Parental Guidance** - Lock TV channels based on age restriction.

**Key Lock** - Lock the TV buttons.

# TV Menu operation

## Setup

### Setup



**Language** - Allows you to change the language of the menu.

**TT Language** - Encoding settings for the proper display of teletext characters.

**Subtitle Language** -

**Hearing Impaired** - If signal provides support for the hearing impaired, the subtitles can be displayed by pressing the "Subtitle". If you set a Hearing Impaired on and switch to a channel with support for hearing impaired subtitles will be activated automatically.

**PVR File System** - Checks the file system of the connected USB device and displays the information about the check results.

**Aspect Ratio** - Within the EU 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.
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.
Zoom 1/2	The picture is the correct proportion but zoomed in to fill the screen.
Full Screen	Stretch signal to fill the screen.

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

**First Time Installation** -

**Reset** - This resets the menus to factory settings.

**Software Update (USB)** - From time to time we may release new firmware to improve the operation of the television (available to download). 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** - Allows you to operate devices connected via HDMI with TV remote control.

**Auto power** - Automatically turn on/off connected devices via HDMI CEC

**Device menu** - Allows you to access devices menu and operate the menu using TV remote control.

**HDMI ARC** - Sends audio signal from terrestrial/satellite broadcast via HDMI to the AV receiver without using any additional audio cables, this function is available only on HDMI 2 output.

**HDMI CEC must be supported on connected devices.**

### PC Settings



**Auto Adjust** - Lets you automatically configure the television to be used as a computer monitor.

**H Offset** - Changes the horizontal position of the picture.

**V Offset** - Changes the vertical position of the picture.

Tip: If the computer is left in-active for a period of time, the television will switch into a 'sleep' state (the screen will power off to save power). To switch back on press the standby button.

### 7 Day TV Guide / USB Record



TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the Digital 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.
2. Navigate through the menu using ▲/▼/◀/▶.
  - You can now:**
    - Record a Programme by pressing RED.\*
    - 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.

Note: This TV is designed to operate with USB memory sticks up to 32GB. It is possible to use either a USB memory stick or a USB portable Hard Drive of a larger capacity, however, it must be formatted to the FAT32 file system in order to operate correctly. At the time of printing this user guide, Windows XP/Vista computers are only capable of formatting up to 32GB, therefore, you will need a software programme/utility to format larger USB drives/hard drives to FAT32. Additional help and support is available from the web site.

### USB Record - Digital mode\*

USB RECORD – DIGITAL/FREEVIEW MODE

Built into this television is a USB record facility. This function is available in Digital 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 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).

Minimum Specification - USB Memory Stick

Read Speed	20 MB/s (Mega Byte Per Second)
Write Speed	6 MB/s (Mega Byte Per Second)

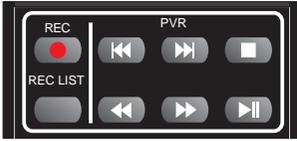
If you wish to use a USB portable hard drive larger than 32GB, please refer to the FAQ section at the rear of this user guide.

# TV Menu operation

## Pause Live TV (Time Shift)\* | USB mode / Media player

### 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 [REC] button.

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 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

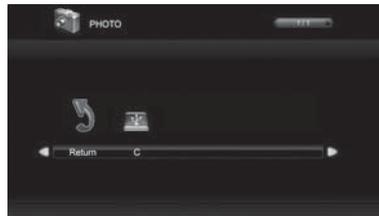
USB mode offers playback of various different types of content that you have saved on your USB Memory Stick.

Please refer to technical specification page for compatible file types

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.



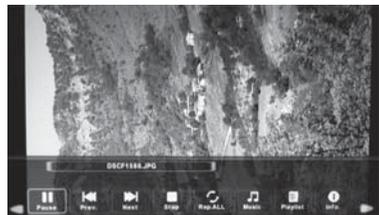
1. You can navigate through the menus using the scroll ▲/▼/◀/▶ buttons. To confirm the item you wish to play/view press [OK] button.



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 or by



pressing (i) and using ▲/▼/◀/▶ and (OK)

\*- Available only on devices with PVR Function



To access this menu, press [D. MENU] button on the remote control. 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.

## General Setup Page

**TV Display** - Choose from the following options

<b>4:3 PanScan</b>	PS Traditional picture format, often used on old film
<b>4:3 LetterBox</b>	LB Traditional picture which has been adapted for widescreen
<b>Wide</b>	Widescreen picture format

**OSD Language** - Select desired language

## Audio Setup Page

**Speaker Setup** - Choose from the following options

<b>LT/RT</b>	Set LT/RT Downmix
<b>Stereo</b>	Set Stereo Downmix

## Dolby Digital Page

**Dual Mono**

<b>Stereo</b>	Outputs 2 channels of sound both left and right
<b>Mono L</b>	Outputs left side sound
<b>Mono R</b>	Outputs right side sound
<b>Mix Mono</b>	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.

## Preference Page

**TV Type** - Choose from the following options

<b>NTSC</b>	Normally used for discs from North America, Japan etc
<b>PAL</b>	The standard for discs from UK/Europe, most of Asia, Australia etc
<b>Auto</b>	For both NTSC and PAL

**Default** - This option allows you reset all DVD settings to factory settings.

\*- only on devices equipped with built in DVD Player

# Frequently asked questions

General	I would like to have louder sound by connecting additional speakers.	There are 2 options: 1) Use Digital COAX output connected to an external amplifier/surround sound system. 2) Use the 3.5mm headphone output and a 3.5mm to phono cable (available separately) to connect to an amplifier/surround sound system.
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.
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.	1) Check you are in an area that can receive Digital TV . 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 digital 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.
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 Television.	1) Ensure the TVs source is on HDMI. 2) Check your settings on your PS3 are as per the PS3 instruction manual.
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	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	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).

The software on your TV and the OSD layout can be changed without notice.



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