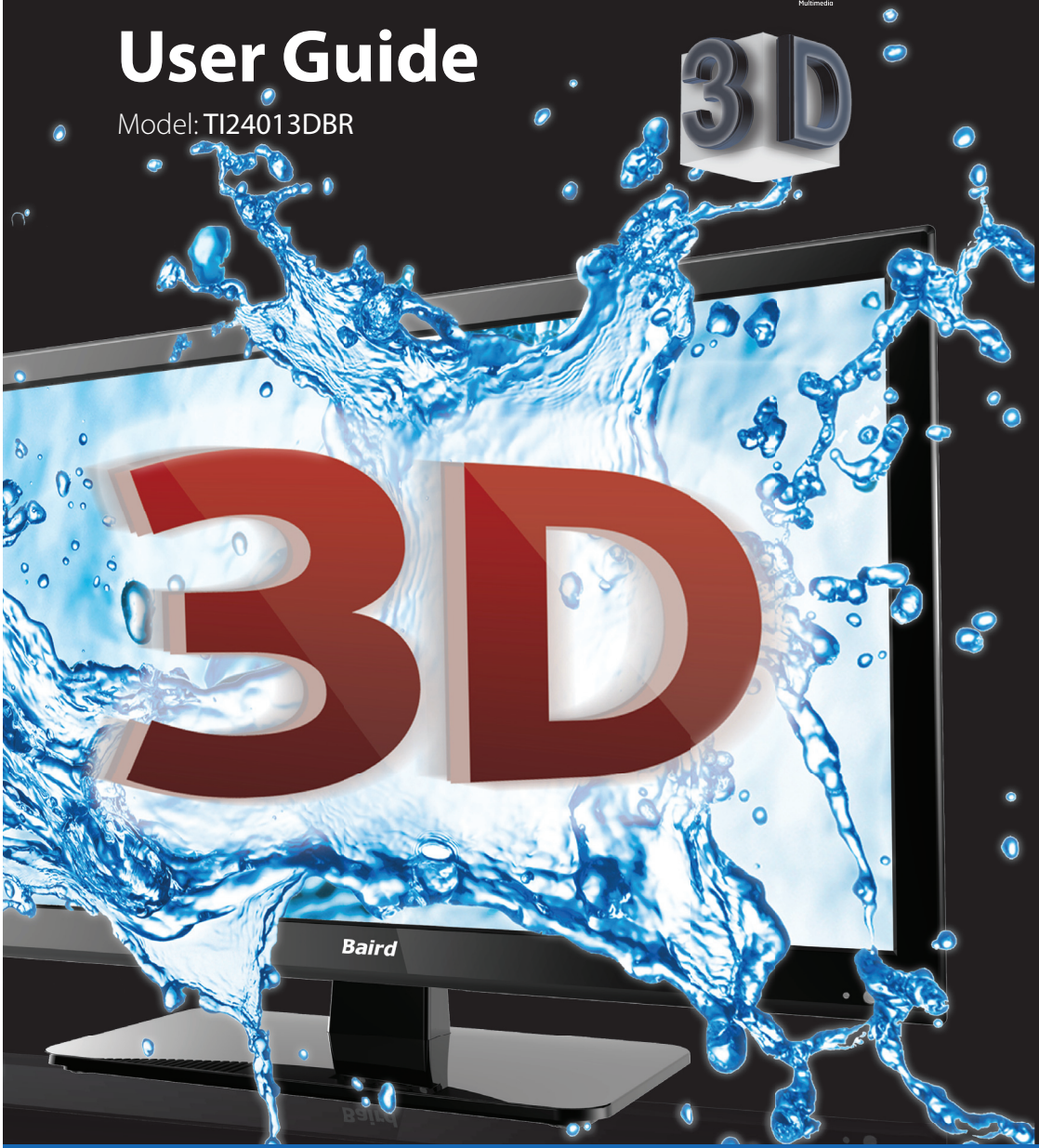
Baird

User Guide

Model: TI24013DBR



Please read this Manual carefully before using this product and retain for future reference.

CONTENTS

Important Safety Instructions 4-5
What is included in the box 6
Attaching/Detaching the stand and wall mounting 7
Getting Started - Initial Set Up 8
TV Buttons and Input Source Menu 9
Remote Control 10
Connections 11-12
TV Menu Operation 13-19
- Channel Menu 13
- Picture Menu 14
- 3D Mode 15
- Sound Menu 16
- Time Menu 17
- Lock Menu 18
- Setup Menu 19

PC Operation 20-21
8 Day TV Guide 22
USB Record 23
Media Mode 24
General Information 25-26
- Frequently Asked Questions 25
- Technical Specifications 26

IMPORTANT SAFETY INSTRUCTIONS

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.
  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.

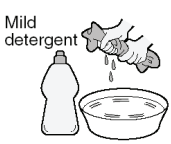
To prevent spread of fire, keep candles or other open flames away from this product at all times

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 mains 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 close the television. If interference is apparent, move the device causing the interference away from the television.
- To disconnect the apparatus from the mains, please disconnect the Mains Adaptor from the wall socket. Always ensure the switch on the wall socket is readily accessible.
- 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.

Maintenance

- To clean this unit, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a moist soft cloth dipped in a soap and water solution or a weak detergent solution.
- Use eyeglass cleaner to carefully remove stubborn dirt from the LCD/LED Screen.
- 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, a malfunction may occur.

Packaging

- The safest way to transport your item is in the original box/packaging - please save your packaging for this purpose.
- You will need the 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

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 material can cause a permanent "shadow image" on the LCD panel.
This background image is viewable on normal programmes 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 accetable viewing level.
2. Do not display a 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 disk 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 a '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, contact your local council for information on your nearest disposal site.

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

- 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.
- If you are not using your TV for an extended period of time then remove the batteries to prevent possible damage due to leakage.
  Many Stores provide battery recycling points. If in doubt contact your local authority.

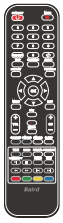
WHAT IS INCLUDED IN THE BOX

Accessories

Included with this TV are the following accessories:

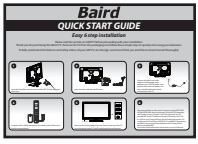
1 x User Guide

1 x Remote Control



2 x AAA Batteries

1 x Quick Start Guide

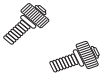


1 x Mini YPbPr Cable

1 x TV

1 x Bottom Stand

Stand Fixing Screws



2 Pairs of 3D glasses

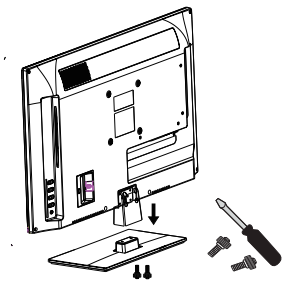
1 x Mains Adapter /
Power cord

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 / DETACHING THE STAND

Attaching the Stand Base

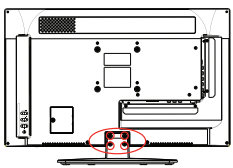
Place the TV face down on a protective surface. To attach the stand, insert the neck of the TV stand into the socket of the stand plate and tigten the screws.



Detaching the Stand

To remove the stand, remove the screws in the circled area and the neck will come off.

IMPORTANT - Before drilling any holes in the wall ensure you are not drilling where there could be any electric wires, water or gas pipes.



Wall mounting the TV

This television requires a VESA 100 x 100 wall mount, or equivalent.
1) Your TV is provided with four hexagonal spacers to attach your wall mount.
2) The wall mount can now be easily attached to the spacers using suitable screws. The positions of the spacers is indicated in the diagram below.

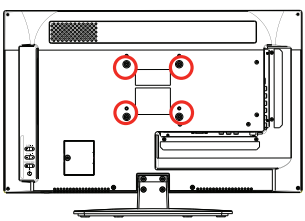


fig 1

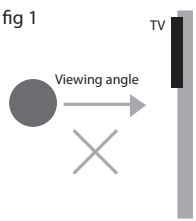
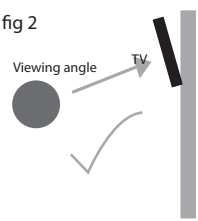


fig 2



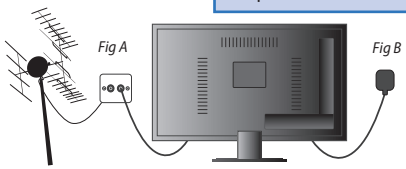
For optimum viewing, if wall mounting the TV higher than eye level, the TV should be tilted downwards so that the TV's screen is 'face on'. See fig 1 and 2

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

GETTING STARTED - INITIAL SET UP

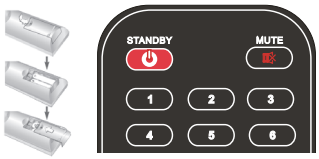
1) Using the RF cable supplied, connect the TV to the TV Aerial wall socket (Fig A)

2) Connect the power cable to the Mains Adaptor and the Mains Plug to the wall socket. Ensuring the wall socket is OFF, connect the DC Output of the Adaptor to the TV "DC IN" connector.(Fig B)

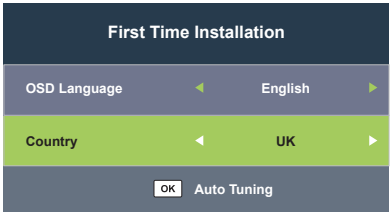


3) Switch on the switch on the wall socket.

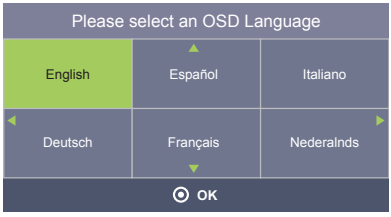
4) Insert the batteries supplied into the Remote control and press the Standby button to power on the TV. Take care to observe correct polarity.



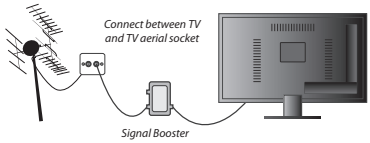
5) You will now be welcomed with the initial set-up screen. If it does not appear, on the remote control, please press [MENU] then 8-8-8-8 and the menu will appear. Press OK to confirm OSD LANGUAGE and again to confirm the Country as UK. Then press OK again and the auto tuning will start.



6) After tuning the following screen will appear. Press OK to confirm Country Code, again to confirm Primary region and twice more to confirm Secondary and Tertiary Regions. Your first Programme should now appear.

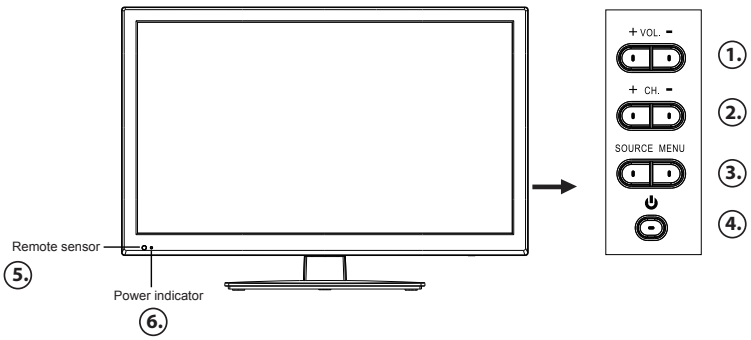


Tip: If the TV finds some, but not all, of the Digital channels, the TV is functioning correctly but the signal being received is not strong enough. (The signal strength needs to be above 85% - you can see the signal strength the TV is receiving when you change channels/ programmes) you will need to 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



TV BUTTONS & SOURCE MENU

1. Volume up and Volume down
2. Menu left and menu right
3. Displays the input source menu
4. Standby Power On/Off
5. Remote sensor - Infrared sensor for the remote control.
6. Power indicator - Red is standby mode, green when your TV is switched on.



Choosing Mode Input/Source

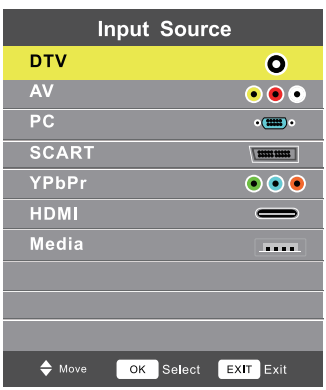
To switch between the different input/connections.

A) Using the buttons on the remote control:

1) Press [SOURCE] - The source menu will appear
2) Press [\/] 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.



REMOTE CONTROL

1 STANDBY Switch on TV when in standby or vice versa
MUTE Mute the sound or vice versa

2 NUMBER BUTTONS
0 – 9 to select a TV channel directly.
REC LIST Opens the list of Programmes you have previously recorded
To return to the previous channel viewed
EPG Opens the 8 Day TV Guide (Digital TV mode)
SUBTITLE To switch the dialogue at the bottom of the screen (on/off)
AUDIO Switches audio output from L - R and Mono - Stereo

3 DISPLAY Displays Now and Next information on the Channel being currently viewed.
TV/RADIO Switch between TV and radio in Digital TV mode
Allows you to navigate the on-screen menus and adjust the system settings to your preference
MENU To display the OSD menu

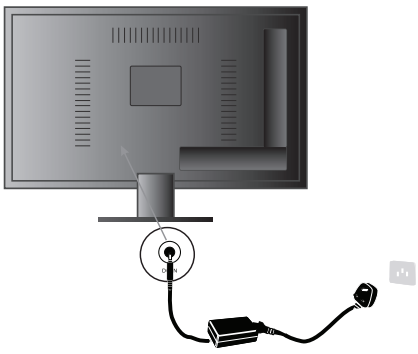
4 EXIT To exit all menus
VOL To increase / decrease the sound level
FAV Displays Favourites list.
To Record the programme being currently viewed.
MEDIA Switch to MEDIA (USB) source
CH To change (UP or DOWN) the Channel Number currently being viewed
SOURCE To display the input/source menu
P.MODE Scrolls through picture mode options
S.MODE Scrolls through sound mode options

5 SLEEP Press repeatedly to cycle through the sleep options
TEXT To enter Teletext mode
HOLD Teletext mode - Hold current page which is displayed
REVEAL Teletext mode - To reveal or hide the hidden words
SUBPAGE Sub coded page access.
TIMESHIFT In DTV mode, press to execute the time shift function.
INDEX To display the index page
SIZE Alters the text size in Analogue TV Mode only.
To play/pause
To stop the playback
To play in fast rewind mode
To play in fast forward mode
To restart the current chapter
To advance forward to the next chapter

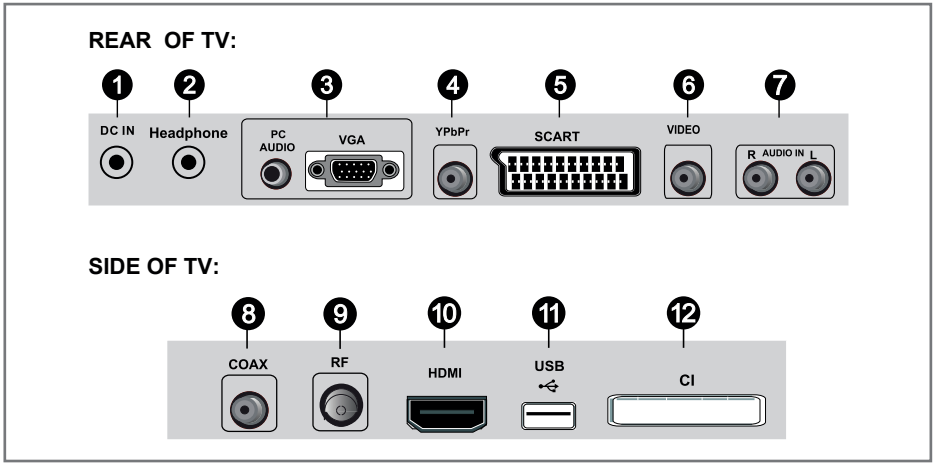
Only operates when a compatible USB device is connected

COLOURED BUTTONS
For navigating as prompted on screen

CONNECTIONS

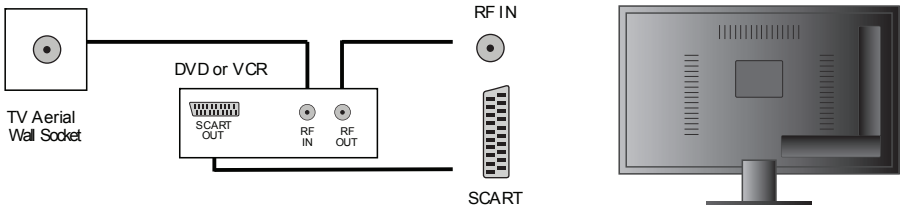


1	**DC IN 12V 4A**	
2	**Headphones out**	Connect Headphones
3	**PC Audio**	Connect the PC Audio
	VGA IN	Connect the PC-RGB / Audio output jack of PC.
4	**Y/Pb/Pr**	Connect the Y/PbPr output jack of DVD or VCR.
5	**SCART**	Connect the SCART jack of VCR or DVD.
6	**VIDEO IN**	Connect the Video output jack of DVD or VCR.
7	**Audio (L/R)**	Connect the Audio of the DVD or VCR.
8	**Coaxial Audio Out**	Connect the Coaxial Digital Audio Out from your DVD or other compatible device.
9	**RF**	Connect the RF Cable
10	**HDMI**	Connect the HDMI output jack of DVD/ Bluray player etc.
11	**USB**	Connect to a portable USB device.
12	**CI (Common Interface)**	Connect to the CI card. (Not Supplied)



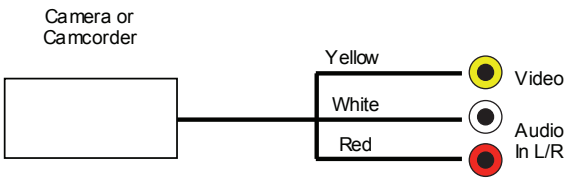
Connecting a DVD Player/Recorder, Video Recorder or Cable/Satellite Box

TVs Input/Source should be set to SCART



Connecting a Camcorder, Camera or Games Console

Source should be set to AV



Connecting a High Definition (HD) Device

Option 1 - via HDMI to HDMI cable

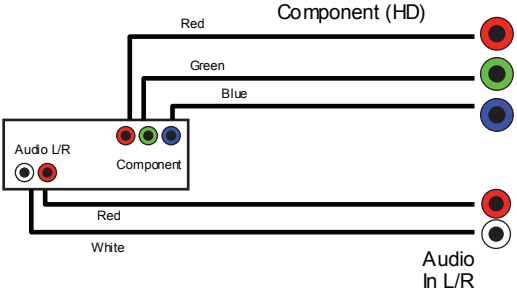
A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of quality.

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 connect via Component (for picture) and by phono cable (for sound). Your TV is supplied with a 3.5mm jack to 3 x RCA sockets to enable you to use a 3 x RCA lead (not supplied) to connect to the component output of your device.

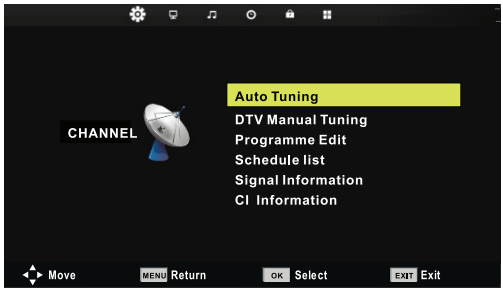
TV Source should be set to YPbPr

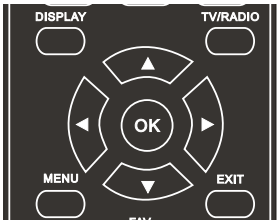


Connecting a hi-fi system / sound amplifier

For best results connect your Amplifier to the Coaxial Audio Out of your TV. Alternatively you can connect your Headphone Output to your Amplifier. Ensure that this does not exceed the maximum allowable input level of your device. Neither of the above leads are supplied with your television.

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 ▲▼►◄ 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.

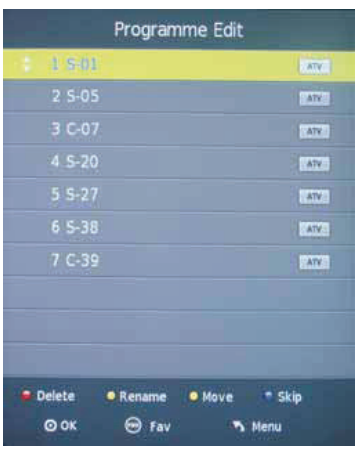
DTV Manual Tuning- Allows you to manually tune your digital signal

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

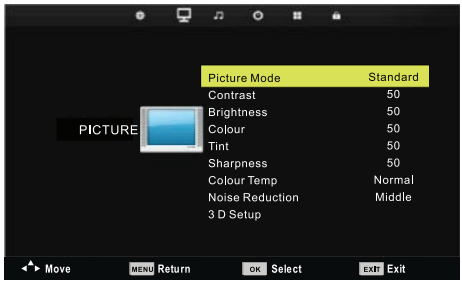
Schedule List - Allows you to select Schedule List - auto search

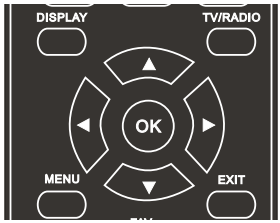
Signal Information - Allows you to display signal details, including Channel, Quality and Strength.

CI Information - Allows you to display details after you have inserted the CI card.



PICTURE 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 ▲▼►◄ buttons.
To confirm any settings press [OK] button.

Tip: Only the "Personal" mode allows you to adjust Contrast, Brightness and Colour.

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

Picture Mode - Choose from the following presets

Standard	Default settings
Dynamic	Provides higher levels of Contrast and brightness.
Mild	Set to be lighter in colour and less bright
Personal	Lets you manually alter all the settings

Contrast - Switch the balance between black and white

Brightness - Increase or decrease the brightness of the picture

Colour - Increases the colour saturation

Tint - Lets you increase or decrease the level of tint within the picture. (only in NTSC playback mode)

Sharpness - Increase or decrease the sharpness of the picture

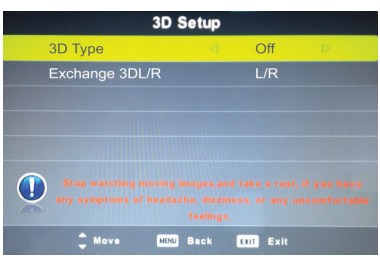
Colour Temperature - Choose from the following presets

Normal	Default settings
Warm	Increases red within the picture
Cool	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

3D Setup - Available 3D Format Options: Off, Side by Side, Line by Line, Top Bottom, Frame Packing
Not available in DTV, only in media/PC/ HDMI 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.

3D MODE

3D Viewing Safety

Viewing 3D images through a television and 3D glasses affects different people in different ways. Please read and understand the safety warnings in the 'safety information' section of this manual before operating this television in 3D mode.

What is 3D

3D imaging uses a process known as stereography to generate the perception of a 3 dimensional image from a pair of 2 dimensional images. Each stereograph image pair contains a specific image for the viewer's left eye and another image of the same scene, from a slightly different angle for the viewer's right eye. The slight variations between the left and right images of the same scene will 'trick' the viewer's brain into constructing a 3 dimensional image just as it would process a normal image from both eyes. The 3D System used in this TV is the passive type which menas the glasses provided do not require batteries to provide your 3D experience.

Connecting a 3D Source

A 3D source is required in order for you to be able to view 3D images on your television. A 3D blu-ray player(with a 3D disc) connected using a 1.4 HDMI cable or 3D transmission directly to your TV is necessary to allow you to view 3D images. Your 3D television will not produce 3D images unless it has a 3D source and it will not produce 3D images from 2D content.

Enabling 3D mode on your Television

Do not enable 3D mode on your television or use your 3D glasses in 2D mode otherwise you will see a distorted image.

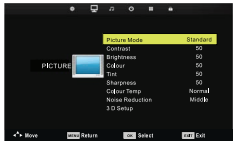
To enable 3D mode on your television, ensure that you have already been through the initial set up process as outlined in this manual.

To view 3D content:

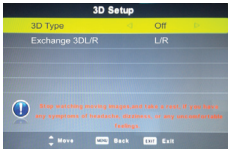
1. Connect your 3D source (such as a BLU-RAY player) to the HDMI connection using a 1.4 HDMI cable. Turn your 3D source on.
2. Press the input button on your remote control and select the relevant HDMI connection from the drop down menu as shown in fig.1.

- Press ▼/▲ button to select the HDMI connection for your 3D source;
- Press OK/ ► button to enter the input source;
- Press OK button to enter the input source;

3. Press ' play' on your 3D source to start playing the 3D content, the image you will see on your screen will be fuzzy.
   The TV may automatically select the correct 3D mode for playing your content, but this is dependent upon your 3D source. If it does not display correctly, refer to point 5 and manually select 'framepacking' mode, (this is generally the default for the UK).
4. Put on the 3D glasses for 3D effect
5. Select "3D Type" option in the PICTURE menu and you will see a box in the top left hand corner of your television screen that shows you the 3D mode that your television is in.



   Pressing the ►◄button on your remote control will show you more options for the dierent types of 3D mode.
   (Available 3D Type: Off,Side by Side,Line by Line, Top Bottom,Frame Packing) Select the 'Frame Packing' 3D Mode(this is generally the default for UK content).



6. 3D mode has now been enabled on your television . At this point you should put on your 3D glasses . If viewing 3D content directly from a television transmission, follow steps 3 to 5 above to enable the correct 3D mode and begin viewing.

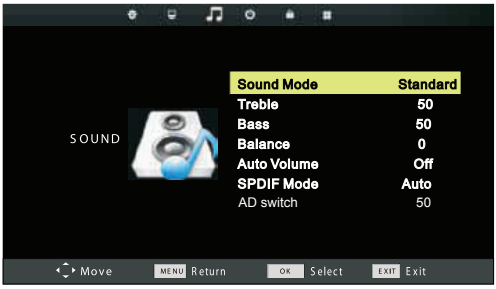
Using your 3D glasses

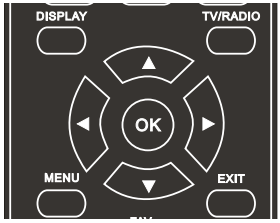
There are 2 pairs of linear polarized 3D glasses supplied with this television. Linear polarized glasses require you to maintain your head in a vertical position. Tilting your head left to right can break the 3D effect because the content relies on one eye seeing the vertically polarized image and the second eye seeing the horizontally polarized image. When the head is tilted the polarized lenses are no longer in line with the double image on the screen.

3D Viewing Guidelines

For the best 3D viewing experience stay within the viewing angle and at the optimum distance from your television.
Ensure that there are no obstacles between the 3D glasses and the television.
Viewing of 3D images on your television may be affected by fluorescent lights or direct sunlight. Please ensure that fluorescent lighting is switched off and sources of direct sunlight are blocked before viewing 3D content.

SOUND 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 ▲▼►◄ buttons. To confirm any settings press [OK] button.

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

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

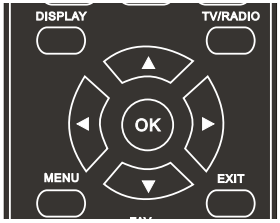
Auto Volume Level (AVL) - When 'on' is selected, the volume will stay at a constant level regardless of input/ source

SPDIF Mode - 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 - Increase or decrease the volume level of the Audio Descriptor when this feature is activated.

TIME 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 ▲▼►◄ buttons. To confirm any settings press [OK] button.

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

Clock - Set the date and time

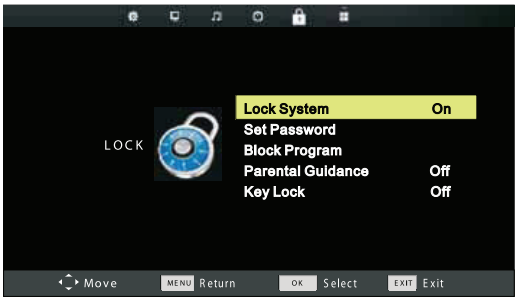
Tip: If you are receiving a Digital TV signal your date and time will be set automatically and this function will be greyed out.

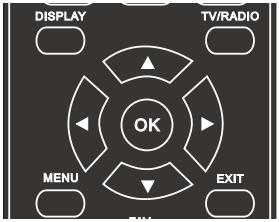
Time Zone - Change your current time zone
Sleep Timer - Lets you set the sleep timer so the television automatically switches off after a set amount of time.
Off -> 10min -> 20min -> 30min -> 60min -> 90min -> 120min -> 180min -> 240min

Auto standby - Toggle the Function between OFF, 3, 4 or 5 hours. NOTE: The default setting is OFF.

OSD Timer - Available options are: 5S, 10S,15S ,20S, 25S, 30S.

LOCK 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 ▲▼►◄ buttons. To confirm any settings press [OK] button.

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

Lock System - Press OK button to make the following 3 options valid (Default password is '0000').

Password - Press OK button to enter sub-menu to set a new password.

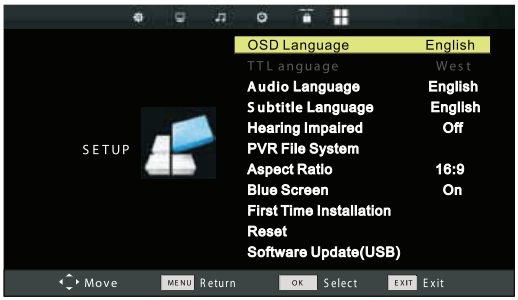
Block Programme - Press OK button to enter the sub-menu.

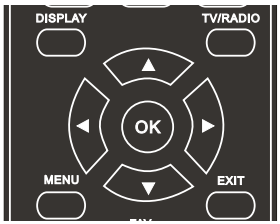
On the Block programme submenu: Press ▼/▲ button to select the programme you want to lock, then press the green button on your remote control (To unlock the programme, input the password you set), press OK button to save setting and menu button to back go to the previous menu.

Parental Guidance - Press OK. Enter sub-menu to select viewing settings, available options are: Off, 4-18.

Key Lock - Enter sub-menu to select the lock settings, available options are: On, Off.

SETUP 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 ▲▼►◄ buttons. To confirm any settings press [OK] button.

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

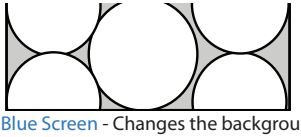
OSD language - Allows you to change the language of the menu
TT Language - TT Language in SETUP is invalid.
Audio Language - Allows you to select Audio Language.
Subtitle Language - Allows you to select Subtitle Language.
Hearing Impaired - Press OK button to select on or off.
PVR File System - Press OK button to enter sub-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.

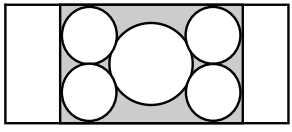
Original
Will display the picture from the broadcaster without any change

Zoom



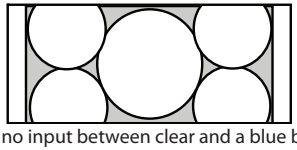
The picture is the correct proportion but zoomed in to fill the screen

4:3



Displays the 4:3 picture in its original size. Side bars are shown to fill the 16:9 screen

16:9



Top and bottom bars are shown to fill the 16:9 screen. 4:3 pictures will be stretched

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

Reset to default
Reset Menu System - This resets the menus to factory settings.
Reset TV Channels - This clears all the TV channels from the television and the Menu 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.

USING THE TELEVISION AS A COMPUTER MONITOR

IMPORTANT – Before connecting the computer to the television you must ensure the computer settings are correct for the television. You MUST do this using your old monitor.

How to set up for Windows XP, Windows Vista & Windows 7 (connecting via VGA cable to the TV)

1) Switch on your computer

2) When finished booting up right click your mouse anywhere on the screen

3) Left click your mouse on Properties/ Personalise

4) Left click your mouse on Setting/Display Settings. Ensure the screen resolution is set to what is shown in the technical specifications section toward the rear of this user guide. To correct the resolution to that of the television move the slider.

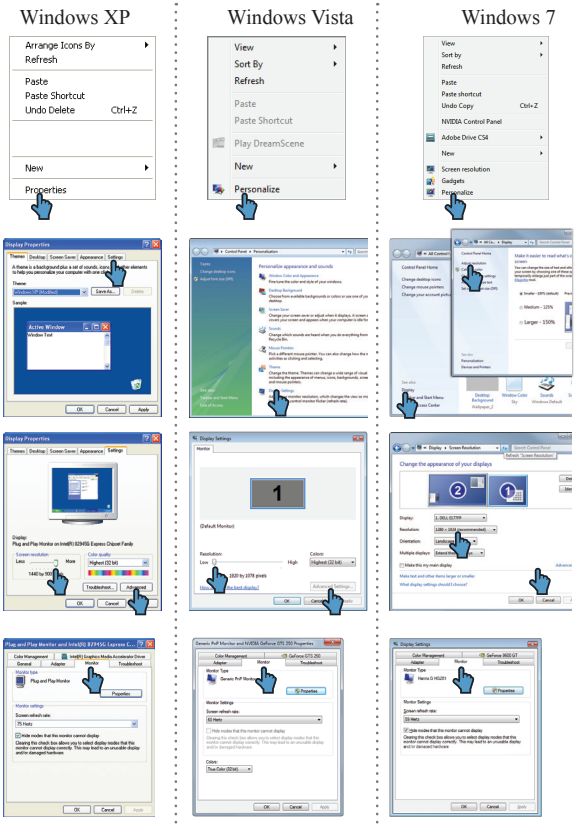
5) Left click your mouse on Advance/ Advanced Settings and left click on Monitor

6) Left click on the drop down for Screen refresh rate and select 60 Hertz, if you experience picture noise or 'flickering', select 50 hertz or 70 hertz.

7) Click on Apply, then click Yes and the settings will be saved.

8) Now switch off your computer and connect the
television (as shown)

9) Switch on the TV, select the input/source to VGA/PC and re-start your PC.

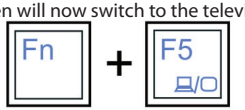


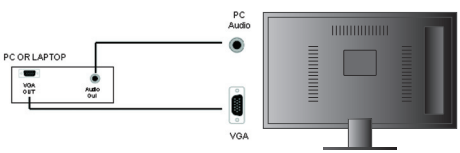
Connecting a Laptop

In addition to the above if you are connecting a laptop to the television you will also need to activate the VGA connection on the laptop. This can vary based on the brand of laptop you have, on many brands/models, it is as per below.

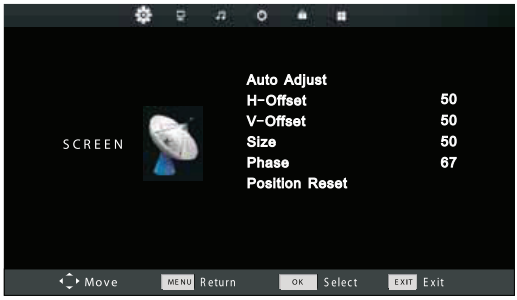
1) Connect the laptop to the television

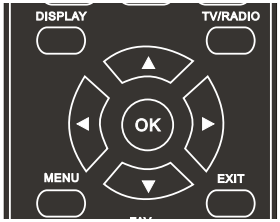
2) On the Laptop push buttons
The screen will now switch to the television.





PC SETTINGS





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.

Auto Adjust - Lets you automatically configure the television to be used as a computer monitor. It is recommended that you use this feature first as in most cases it will correctly align the picture.

H Offset - Changes the horizontal position of the picture

V Offset - Changes the vertical position of the picture

Size - increase picture size

Phase - To adjust delay time of phase in order to reduce the noise of picture

Position Reset - Changes back to the original settings

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.

8 DAY TV GUIDE / USB RECORD

The TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the Digital TV channel). You can view the start and end time of all programmes and on all channels for the next 8 days and set reminders.

1) Press [TV GUIDE]. The following 8 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 8 day TV Guide.

4) Remind
This function will remind you that when the programme is about to start. Press the Green button twice to select to Once, Every day, Every week or Auto.

- **Once.**
- **Every day.**
- **Every week.**
- **Auto.**

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/DIGITAL TV MODE

USB RECORD – DIGITAL/Digital TV MODE
Built into this television is a USB record facility. This function is available in Digital/Digital TV 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/Radio 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 programmemable recording from the 8 day TV Guide
- Record TV/Radio 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 a suitable USB device form a Computer store or On Line. See below for the minimum specification.

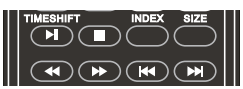
Minimum Specification - USB Memory Stick

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/Radio (Time Shift)

Pausing Live TV/Radio is very simple.



⏯ - Press the play/pause (Timeshift) 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 avilable in Digital/Digital TV TV/Radio mode. Due to copyright laws and illegal copying/recording it is not possible to record to/from any other input/output source.

MEDIA MODE

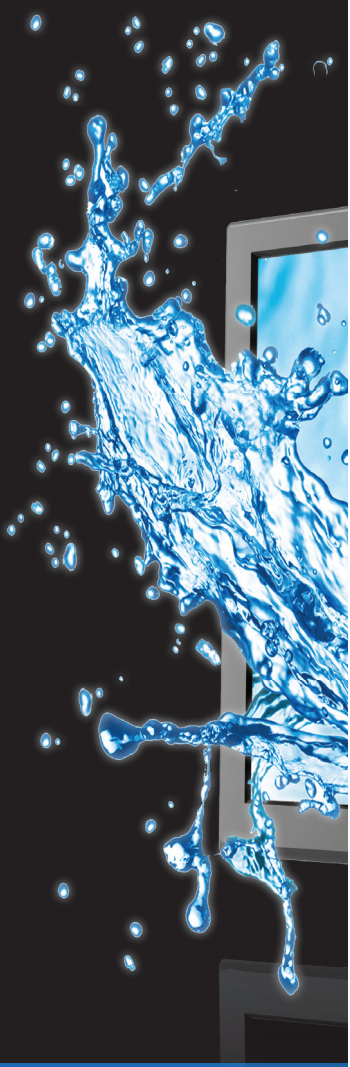
Media mode offers playback of various different types of content that you have saved on your USB Memory Stick.

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

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

FREQUENTLY ASKED QUESTIONS

General	I would like to have louder sound by connecting additional speakers	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:- 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. 3) On selected models, it maybe possible to connect a SCART input/output* switch with an additional L/R Phono cable* to the TV's SCART socket and to the L/R Phono Input of your amplifier/surround sound. Please note due to copyright laws it is not possible to output video/sound from the TV on certain sources, i.e. HDMi, DVD etc. *cables and switches mentioned are available to purchase separately from your retailer.
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. Visit www.freeview.co.uk or call 08701 111 270. 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 TV 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 for 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	Can I use a USB portable hard drive with my TV?	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.. Please note this Receiver may not be compatible with all USB HDD devices available in the market place.
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

TECHNICAL SPECIFICATION

		TI24013DBR
Screen	Screen Size	24"
	Resolution	1920 x 1080
	Contrast Ratio	800:1
	Brightness cd/m^2	400
	View Angle	170/160
Inputs/Outputs	Video Inputs	1 x HDMI, 1 x SCART, 1 x Video, 1 x Component
	Audio Inputs	1 x 3.5mm jack for PC audio input, 1 x pair RCA Audio input shared for Video and Component
	Audio Outputs	1 x 3.5mm jack for headphones, 1 x Coax Audio output
Sound	Power Watts (RMS)	2 x 3W
Voltage and power consumption		DC 12V = 4A, Consumption 34W Typical. Standby Power <0.5W
Dimensions excluding stand		566mm (W) x 346mm (H) x 46mm (D)
Weight	Net	4.92kg
VESA Standart		100 x 100