# DIGITREX

CFD1571
CFD1971
CFD2271

## 15" / 19" / 22" LCD TV with DVD Player

### INSTRUCTION MANUAL

**HD** ready    **digital** ✓    **Freeview**    **DVD** VIDEO    ▶◀ **DOLBY** DIGITAL    **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE

# Safety Warnings

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

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

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

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

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

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

**Ventilation**
- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.
- Make sure that there is a gap of at least 10 cm on both sides and a gap of 20 cm at the top.
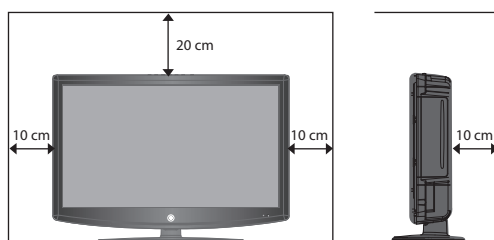


**Safety**
- Always disconnect the unit from the mains supply before connecting/disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.

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

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

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

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

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

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

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

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

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

**DVD**
- **Class 1 Laser Product**

  This unit utilises a laser. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

  CLASS 1
  LASER PRODUCT
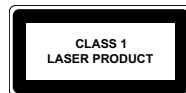
- Before moving the unit, ensure the disc tray is empty.
- Always remove the disc when the unit is not in use.
- Failure to do so will risk severely damaging the disc and the unit.
- Do not stack devices, heat from other devices may affect the performance of the unit.

**CAUTION**
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

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

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

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

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# Unpacking the LCD TV

Remove all packaging from the TV. Retain the packaging. If you dispose it please do so according to local regulations.

The following items are included:

LCD TV with TV Base
**TV Base's part number: B.08.220000113**

Remote Control x 1
**part number GBIP5.018.3030RS/RH**
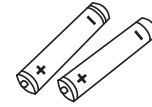
AAA Batteries x 2
**part number QT600RS/RH**
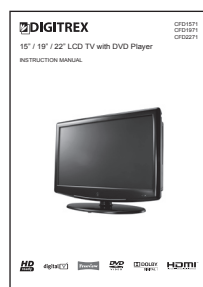
Instruction Manual
**part number GBIP2.025.3411SSRS/RH**
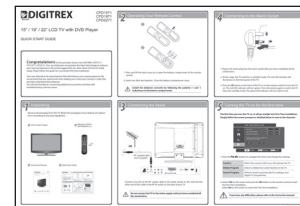
Quick Start Guide
**part number GBIP8.812.3146RS/RH**

⚠ If items are missing, or damaged please contact Partmaster (UK only). Tel: 0870 6001 338 for assistance.

# Installing / Removing the Base Stand

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

1. Disconnect all cables connected to the unit.

2. Lay the unit down on a flat surface with the back side facing up. Please make sure to place a soft cushioned material (such as a pillow or thick piece of foam) beneath the screen.

3. To remove the base stand, untighten all screws in an anti-clockwise directions.



Unscrew
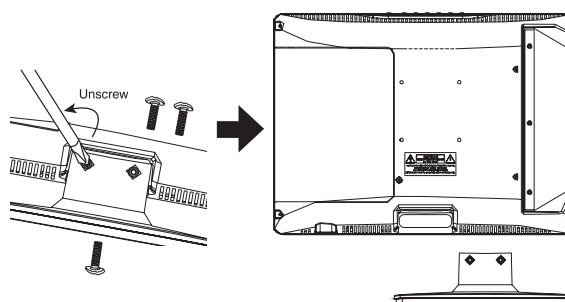
4. Mounting on the wall. This TV is designed to be wall-mounted with a standard 75 mm x 75 mm mounting kit designed for flat-panel TVs (sold separately). Mount this unit according to the instructions included in the mounting kit.

   ⚠️ Remove the base stand before mounting the unit on the wall.



75 mm
75 mm
Four mounting holes
(size M4 screw)
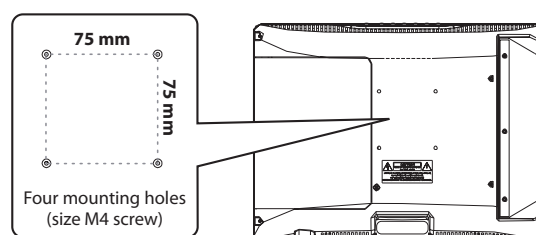
5. To install the base stand, tighten all screws in a clockwise direction.



Screw

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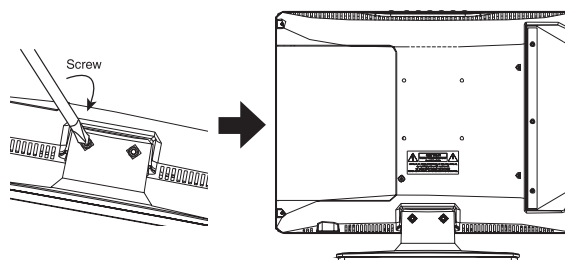
# Front / Top / Side View and Controls
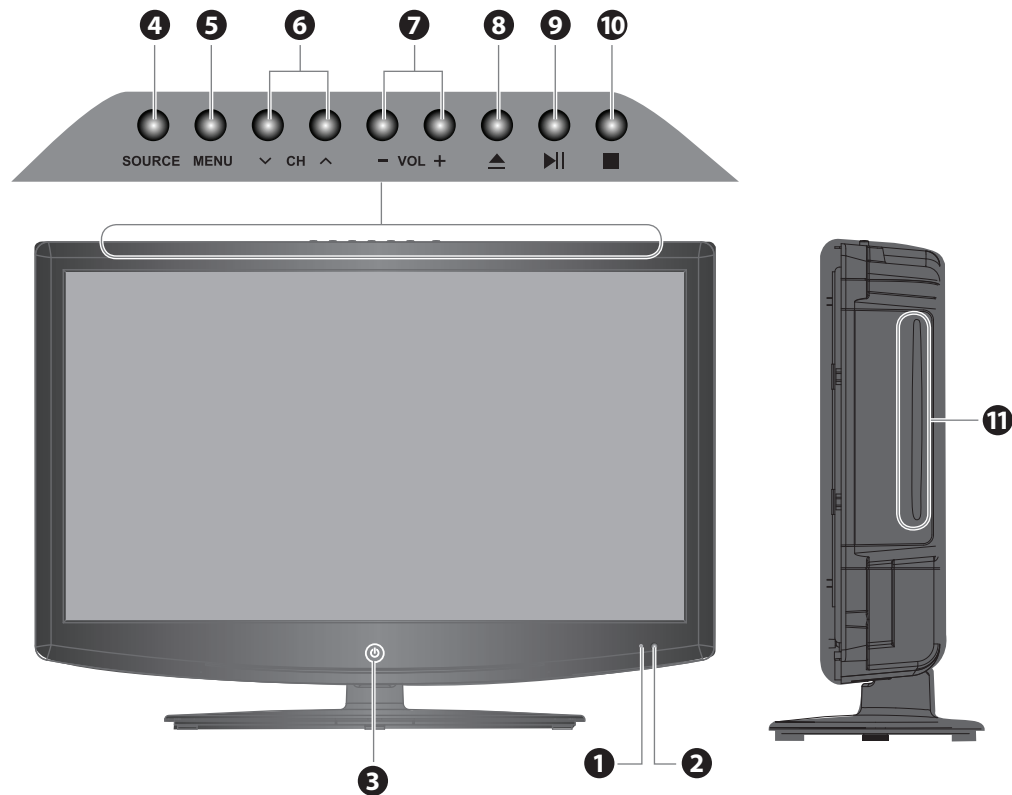
| Item | | Description |
|---|---|---|
| 1 | **POWER LED** | Illuminates green when the TV is turned on. Illuminates red when the TV is in standby mode. The LED will illuminate green when the timer programming has started in the standby mode. |
| 2 | **IR** (Infrared Receiver / Light Sensor) | Receives IR signals from the remote control.<br>Do not put anything near the sensor, as its function may be affected. |
| 3 | ⏻ | Switch the TV on from standby.<br>Switch the TV back to standby. |
| 4 | **SOURCE** | Select among the different input signal sources:<br>DTV / TV / DVD / AV / SCART / YPBPR / HDMI / PC |
| 5 | **MENU** | Displays the OSD (on screen display) menu. |
| 6 | **CH ∧ / ∨** | Select a channel.<br>Select sub-menu of OSD menu. |
| 7 | **VOL +/-** | Adjust the volume.<br>Select and adjust setting in OSD menus. |
| 8 | ⏏ | Press to insert and eject disc. (DVD mode) |
| 9 | ▶❙❙ | Press to start playback or pause. (DVD mode) |
| 10 | ■ | Press to stop playback. (DVD mode) |
| 11 | **Disc Slot** | Insert the disc with the mirror side facing towards you (12 cm discs only. Don't insert 8 cm disc) |

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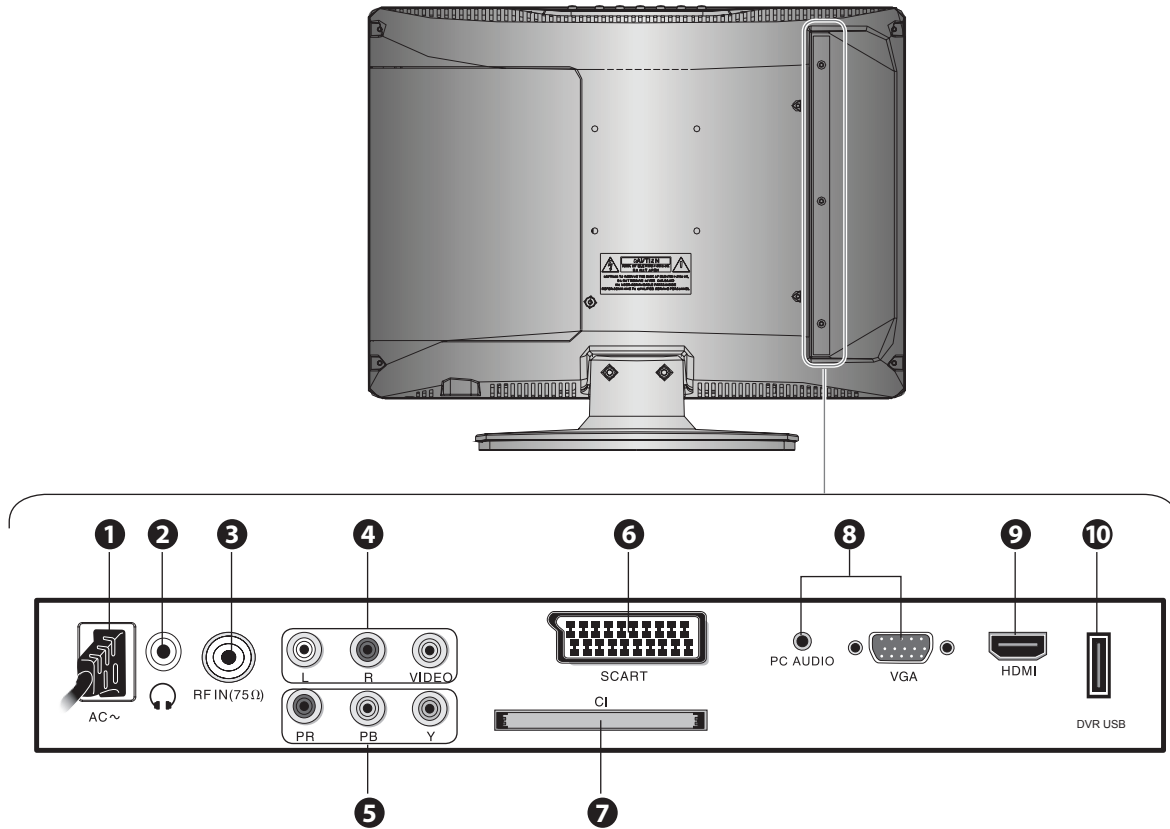
| Item | | Description |
|------|--|-------------|
| 1 | **AC IN** | Connect the mains cable to the mains socket. |
| 2 | **🎧** | Connect earphones for private listening. |
| 3 | **RF IN (75 Ω)** | Connect to your aerial. |
| 4 | **VIDEO AUDIO (L/R)** | Connect to the Composite VIDEO and AUDIO (L/R) output jacks on external video devices. |
| 5 | **Y, PB, PR** | Connect to the DVD player, Digital Set-Top-Box, or other A/V device with component (YPbPr) video and audio output jacks. |
| 6 | **SCART Input** | Connect to camcorders, VCR, DVD Player, or other AV equipment with SCART output jack. |
| 7 | **CI Slot** | Allow insertion of CI Common Interface Card. |
| 8 | **VGA / PC AUDIO IN** | Connect to a PC or other devices with a VGA interface. |
| 9 | **HDMI IN** | HDMI (High-Definition Multimedia Interface) provides an uncompressed, all digital audio/video interface between this TV and any HDMI-device, such as a set-top box, DVD player, and A/V receiver. |
| 10 | **DVR USB port** | Allows the insertion of a USB storage device. You can view the recorded DTV programmes in the USB storage device through this port. |

# Remote Control

**1 ⏻ STANDBY**
Switch the TV between on and standby mode.

**2 🔇 MUTE**
Mute and restore your TV sound.

**3 0-9 Number Button**
Select a programme.
Select numbered items in a menu.

**4 -/--**
Select and switch to a channel that is higher than Channel 9. (Analogue TV mode)

**10+**
For example: for track 23, press 10+ twice followed by 3. (DVD mode)

**5 ↺**
Return to previous viewing channel.

**6 NICAM**
Switch between different audio languages (only applicable when the TV programme has this feature).

**7 SLEEP**
Set the TV sleep timer.

**8 VOL. +/-**
Adjust the volume.

**9 CH. +/-**
Select a channel.

**10 DISPLAY**
Display the present screen information such as the current channel and the input source.

**11 ◄▲▼►**
Allow you to navigate the OSD menus and adjust the system settings to your preference.

**OK**
Confirm the selection in the OSD menus.

**CH. LIST**
Display a list of channels saved in the TV tuner memory. (DTV mode)

**12 EPG**
Display the EPG (Electronic Programme Guide). (DTV mode)

**13 SOURCE**
Select among the different input signal sources:
DTV / TV / DVD / AV / SCART / YPBPR / HDMI / PC

**14 PRO.**
Perform title / chapter programmed playback. (DVD mode)

**15 EXIT**
Exit the OSD (On Screen Display) menu.

**16 ASPECT**
Select from the following modes settings: Auto / Full / 4:3 / 14:9 / Zoom

**17 MENU**
Display the OSD (on screen display) menu.

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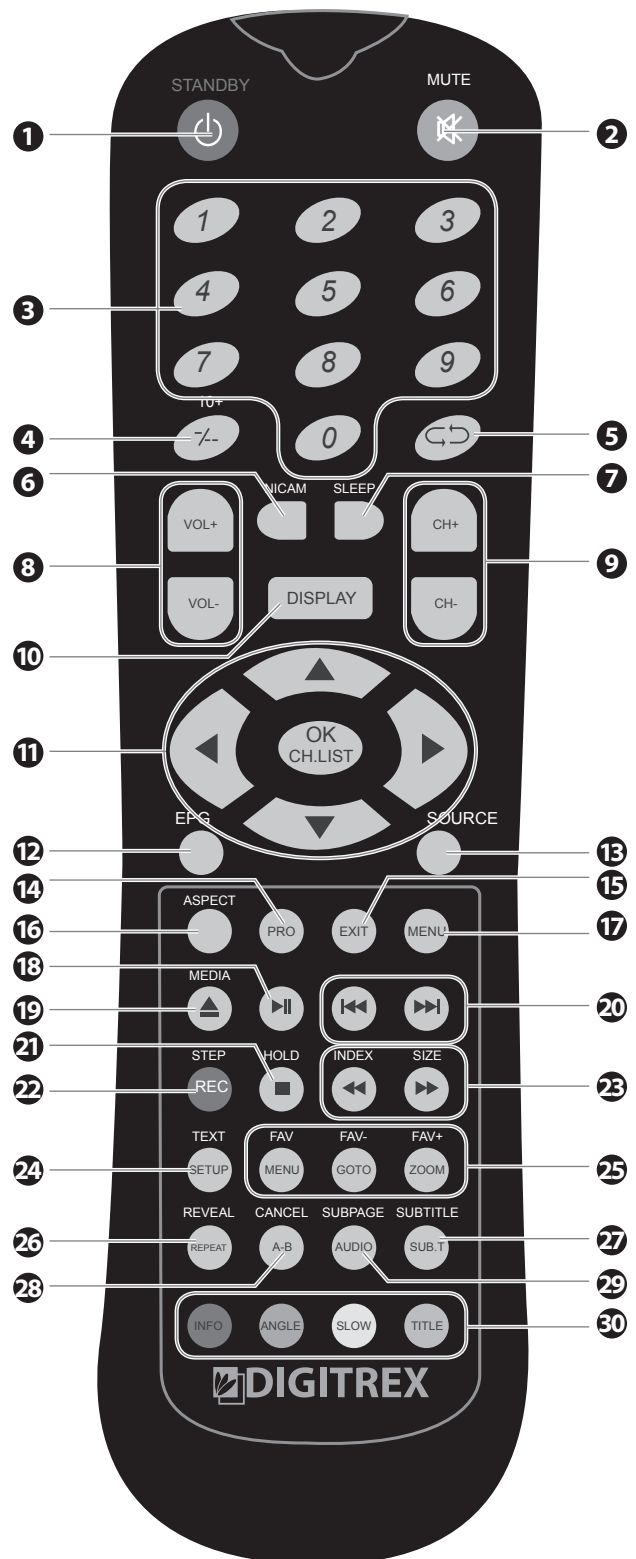
18 ▶ⅠⅠ
Press to start playback or pause. (Media / DVD mode)

19 **MEDIA**
Enter the Multimedia Setup Menu.

⏏
Press to insert and eject disc. (DVD mode)

20 Ⅰ◀◀ / ▶▶Ⅰ
Press to skip to the beginning of the previous / next chapter or track. (Media / DVD mode)

21 **HOLD**
Freeze a multi-page passage on screen in Teletext. (TV mode)

■
Press to stop playback. (Media / DVD mode)

22 **REC**
One button recording function button. Press it to record the current DTV video. (DTV mode)

**STEP**
Press repeatedly to do frame-by-frame playback in the video playback. (DVD mode)

23 **INDEX**
Press to select the page number of the Index from teletext. (TV mode)

**SIZE**
To enlarge the picture on the TV in teletext. (TV mode)

◀◀ / ▶▶
Use to advance or reverse playback rapidly. (Media / DVD mode)

24 **TEXT**
Turn on and off the Teletext function. (TV / DTV mode)

**DVD SETUP**
Press to display the setup menu screen. (DVD mode)

25 **FAV**
Display the Favourite Channel List.

**FAV +/-**
Switch between your favourite channels.

**MENU**
Display the OSD (on screen display) menu.

**GO TO**
Press to skip to a specific location on a DVD / CD. (DVD mode)

**ZOOM**
Zoom in / zoom out the displayed frame. (DVD mode)

26 **REVEAL**
Reveal hidden information such as the answer to a quiz in Teletext. (TV mode)

**REPEAT**
Repeat a title, chapter, track or whole disc. (DVD mode)

27 **SUBTITLE**
Display the subtitle which is broadcast with the programme.  (TV / DTV mode)

**SUB.T**
Display subtitle in the DVD. (DVD mode)

28 **CANCEL**
To cancel the teletext mode completely. (TV mode)

**A-B**
Repeat a segment between A and B. (DVD mode)

29 **SUBPAGE**
Display the subpage on the teletext screen. (TV mode)

**AUDIO**
Change the audio language or audio channel. (DVD mode)

30 **Coloured buttons**
Access the TELETEXT items or programme edit when using Digital / Freeview TV Channels. (TV / DTV / DVD mode)

**INFO** (red)
Display information. (DVD mode)

**ANGLE** (green)
Select different angles for the video. (DVD mode)

**SLOW** (yellow)
Select slow speed playing and resume normal play. (DVD mode)

**TITLE** (blue)
Display the DVD title content. (DVD mode)

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# Installing Batteries in the Remote Control

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

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

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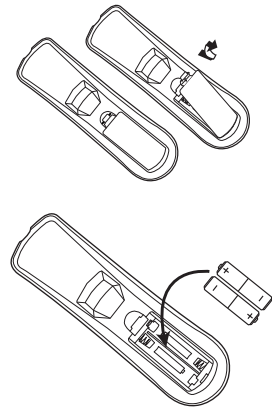
⚠ **Handling the Batteries**
- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Use only the types of the batteries which are indicated in this manual.
- When the batteries are exhausted, the remote will not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

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

# Remote Control Operation Range

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

30°   30°

5M

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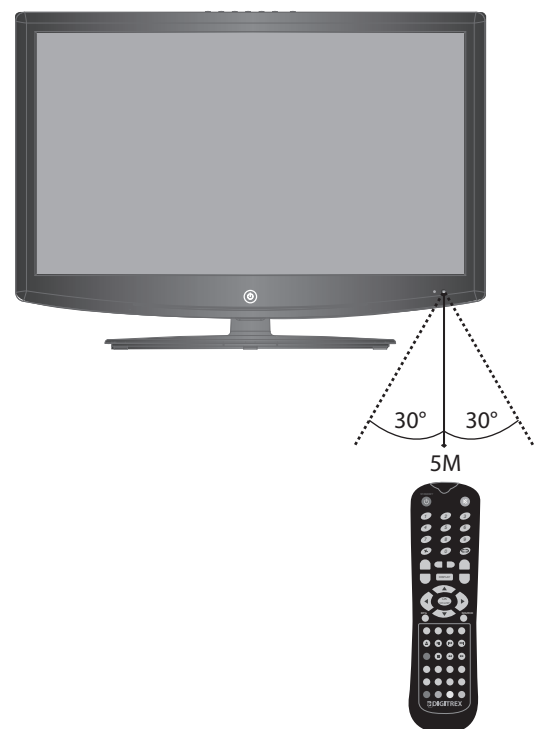
# Making Video and Audio Connections

Refer to the owner's manual of any external A/V device for connection procedures.

When connecting any external A/V device, do not connect the mains cable to the mains socket until all other connections are completed.

**Best Video Performance**

| | Connector Type | Separate audio connection required |
|---|---|---|
| HDMI | HDMI (High-Definition Multimedia Interface) | No |
| PR  PB  Y | Component Video (480/480p/720p/1080i) | Yes |
| VIDEO | Composite Video | L  R |

# Connecting an A/V Device with Composite Cable

1.  Use the audio and video cables to connect the external A/V device's composite video/audio jacks to the LCD TV's AUDIO IN / VIDEO IN jacks. (Video = yellow, Audio Left = white, and Audio Right = red)

2.  Plug the connected devices into the mains socket before plugging your TV into the mains socket.

3.  Press the ⏻ button at the front of the TV or on the remote control to turn on your LCD TV.

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

⚠ Not all A/V devices have the ability to connect to a TV. Please check your A/V devices user guides for compatibility.

Rear View of TV

AC ~   RF IN(75Ω)   R   VIDEO   SCART   CI   PC AUDIO   VGA   HDMI   DVR USB

L   R   Video

AV Cable (not included)

R   L   VIDEO OUT

DVD Player

Video Camera   Game Console   Set-top Box   Satellite antenna cable

VCR   Satellite Receiver

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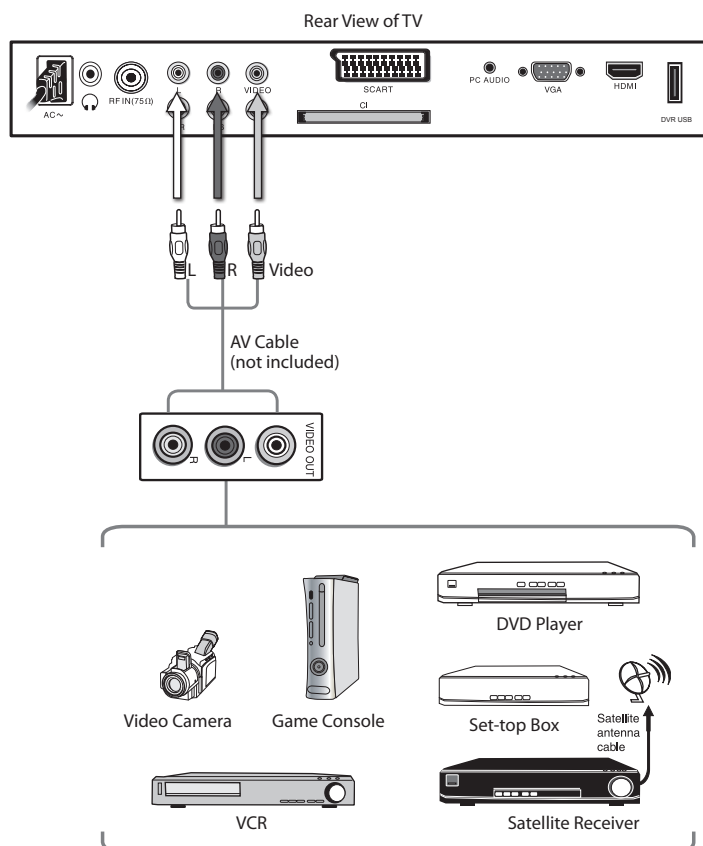
# Connecting an A/V Device with Component (YPbPr) Cable

⚠ Not all A/V devices have the ability to connect to a TV. Please check your A/V devices user guide for compatibility.

1. Use a component cable to connect the external A/V device's component output jacks to the LCD TV's YPbPr IN jacks. Use an audio cable to connect the external A/V device's component audio jacks to the LCD TV's AUDIO IN jacks.

   To achieve better picture quality, connect a DVD player to the component input ports as shown below.

| Component port on the TV | Y | Pb | Pr |
|---|---|---|---|

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

2. Plug the connected devices into the mains socket before plugging your TV into the mains socket.

3. Press the ⏻ button at the front of the TV or on the remote control to turn on your LCD TV.

4. Press the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select **YPBPR**, and then press the **OK** button.

Rear View of TV

Audio Cable
(not included)

Component Cable
(not included)

Video Camera

Game Console

Set-top Box

Satellite antenna cable

DVD Player

Satellite Receiver
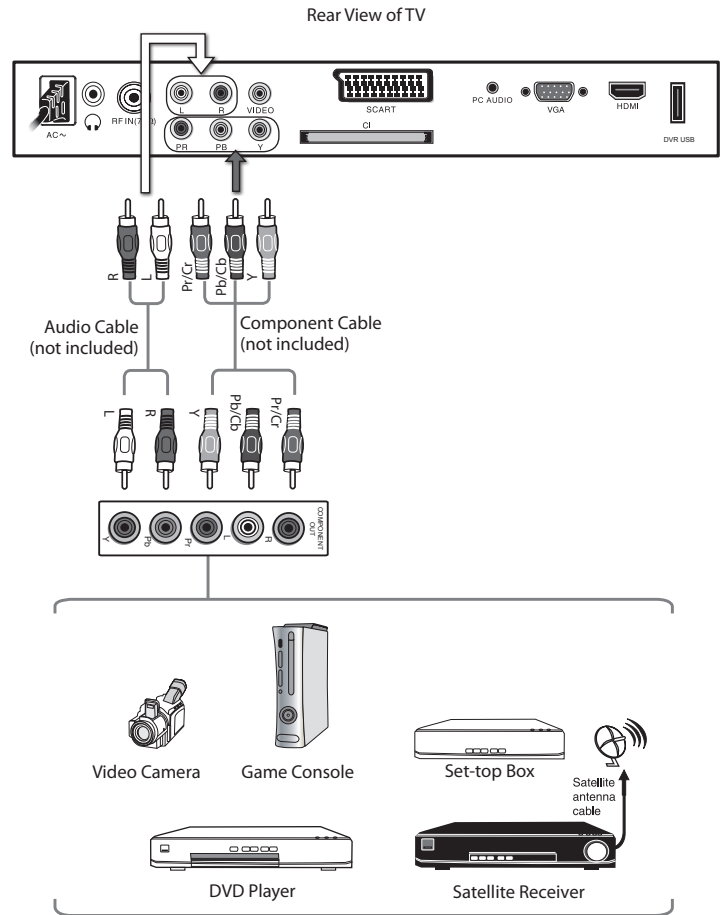
# Connecting an A/V Device with SCART Cable

Rear View of TV

1. Use a SCART cable to connect the external A/V device's SCART socket to the LCD TV's SCART IN jack.

2. Plug the connected devices into the mains socket before plugging your TV into the mains socket.

3. Press the ⏻ button at the front of the TV or on the remote control to turn on your LCD TV.

4. The TV will change the input source to **SCART** automatically.

SCART Cable
(not included)

VCR

Set-top Box

DVD Player

Satellite Receiver

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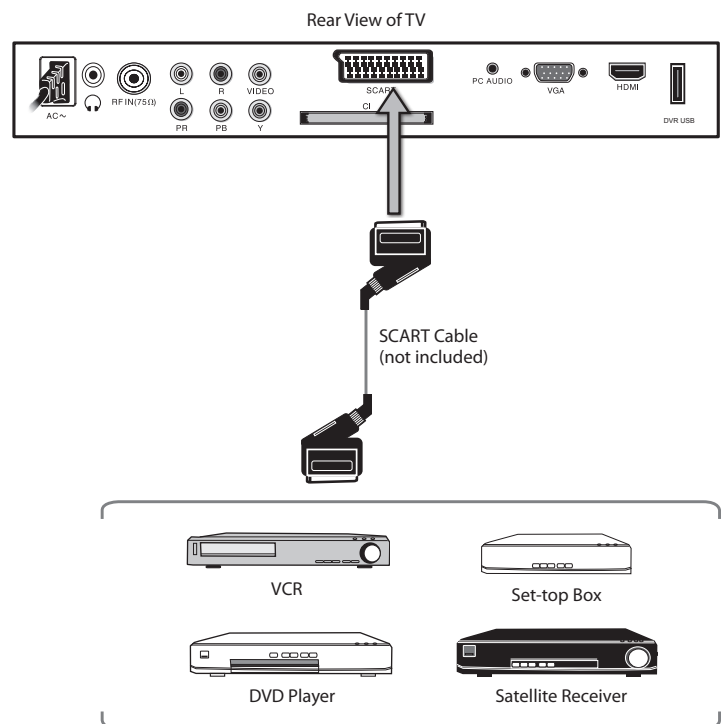
## Connecting an A/V Device with HDMI Cable

- This TV can accept High-Definition Multimedia Interface (HDMI).

- This TV SET supports HDCP (High-Bandwidth Digital Content Protection) Protocol for TV SET (480p, 576p, 720p, 1080i) modes.

- When you connect to the output of an HD ready player (Blu-ray Disc Player, Game Console, Set Top Box or PC) switch to the HDMI function and the TV will automatically detect the resolution used by the HDMI source.

- To get the best picture quality, adjust the Blu-ray Disc Player, Game Console or Set Top Box output resolution up to 1920 x 1080p.

1. Use a HDMI cable to connect the A/V device's HDMI output jack to the LCD TV's HDMI IN jack.

2. Plug the connected devices into the mains socket before plugging your TV into the mains socket.

3. Press the ⏻ button at the front of the TV or on the remote control to turn on your LCD TV.

4. Press the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select **HDMI**, and then press the **OK** button.

⚠ The HDMI connector provides both video and audio signals, it's not necessary to connect the audio cable.

Rear View of TV

HDMI Cable
(not included)
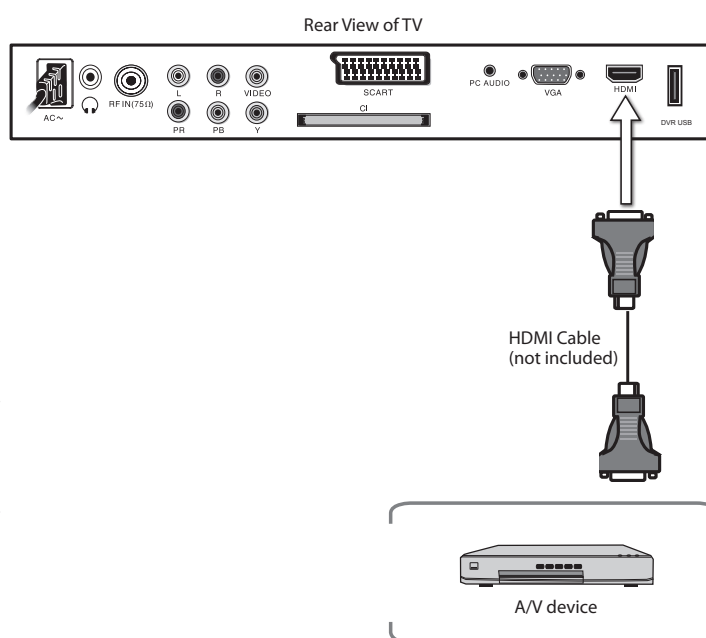
A/V device

## Connecting a PC with VGA Cable

1. Use a VGA cable to connect the PC's VGA output jack to the LCD TV's VGA IN jack. Use an audio cable to connect the PC's audio output jacks to LCD TV's VGA LINE IN jack.

2. Plug the connected devices into the mains socket before plugging your TV into the mains socket.

3. Press the ⏻ button at the front of the TV or on the remote control to turn on your LCD TV.

4. Press the **SOURCE** button on the remote control to display the Source List. Use the ▲▼ buttons to select **PC**, and then press the **OK** button.

⚠ The best resolution of CFD1571/CFD1971/CFD2271 is 1024 * 768.
If you set your PC computers to shut down after a few minutes of idle mode, the TV might also be in standby mode due to no signal.
To avoid this happening, you will need to configure the PC computer.
Follow the steps below.
1. At your computer's desktop screen, click on Start.
2. Go and select Control Panel.
3. Double-click on Power Options and choose NEVER to turn off the monitor.
4. Then, in Display Properties, set the screensaver as blank instead.
The TV will not be in standby mode now even though the PC computer is not in use.

Rear View of TV

Audio Cable
(not included)

VGA Cable
(not included)

PC

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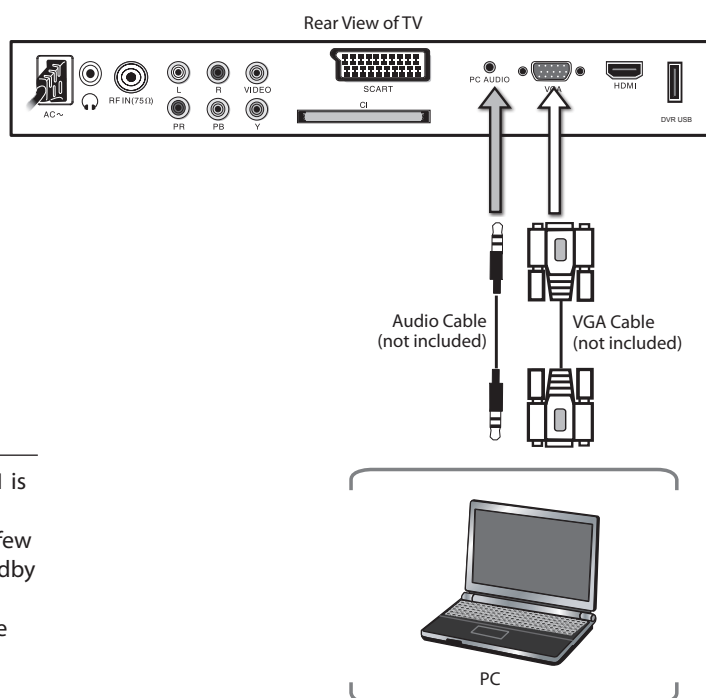
# Insertion of CI (Common Interface) Card

This function enables you to watch selected scrambled services (pay services) of some channels. Please switch off your TV, read the instructions provided with the CI Card and ensure it is inserted correctly before switching the TV on again.

⚠️ Do not repeatedly insert or remove the CI card into or from the TV as this may cause a malfunction.
The CI Card does not come with the TV set. It can only be obtained when you subscribe to service providers like Pay TV or other service providers.

This feature is not available in all countries.

## To insert a CI card

Insert the CI card into the slot. Flip the card to another side and try again if you cannot insert the card in.

## To remove a CI card

To remove the CI card, pull it from its slot.

Rear View of TV

**Common Interface slot**
Allow CI card to insert and access the content that has been encrypted.

SCART

CI

CI Card
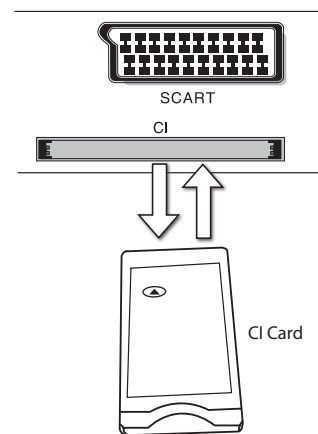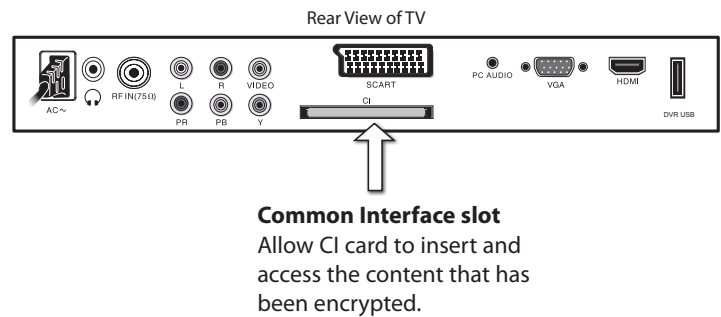
# Connecting the Aerial

Connect one end of the RF coaxial cable to the aerial socket on the wall and the other end of the cable to the RF IN socket on the back of your TV.

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

OR

RF coaxial cable (not included)

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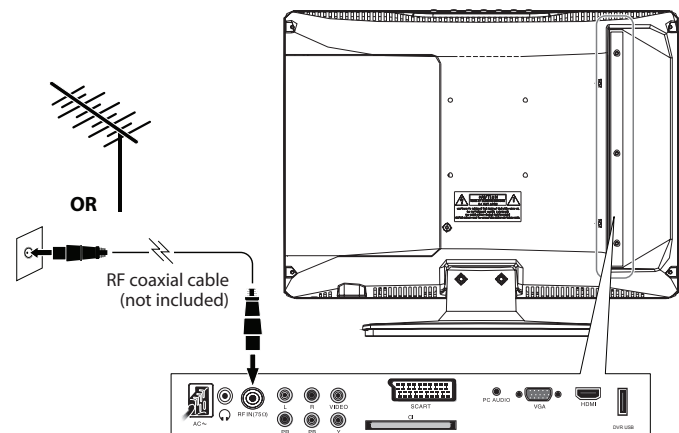
# Turning the TV On for the First Time

**1.** Connect the mains cable to the mains socket. The TV switches to standby mode. The red LED indicator will illuminate on the front panel of the TV.

**2.** In standby mode, press the ⏻ button at the front of the TV or the remote control to turn the TV on. The red LED indicator will turn green.

⚠ Always disconnect the TV from the mains socket when not in use for a long period of time.
The ⏻ button is only used for switching the TV into standby, it does not disconnect the TV from the mains power. To completely disconnect the mains power, please remove the mains plug from the mains socket.

To mains socket
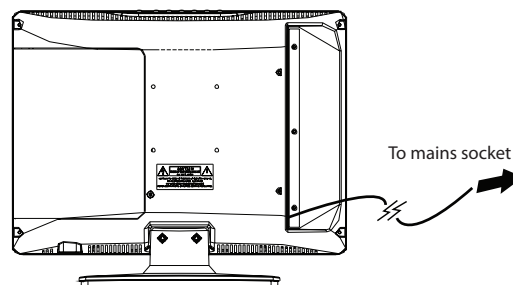
**3.** The first time you turn the TV on, it will go straight into **First Time Installation** menu.

**4.** Press the ▲◄►▼ buttons to navigate the menu and change the settings.

| Country | Select the country where you will operate the TV. |
|---|---|
| Delete Program | Select to delete the tuned channels in the TV. |
| Search Program | Perform search automatically for analogue and digital TV programmes. |

**5.** Select **YES** on the screen and press the **OK** button on the remote control to start the First Time Installation.
Select **NO** on the screen to cancel the First Time Installation.
A First Time Installation reminder will appear the next time you turn on the TV.

FIRST TIME INSTALLATION

COUNTRY ◄ UK ►
DELETE PROGRAM ◄ YES ►
SEARCH PROGRAM ◄ YES ►

Please ensure aerial is plugged in!!
Then press "OK" button.

YES        NO

MOVE    ADJUST    MENU EXIT

FIRST TIME INSTALLATION

FIRST TIME INSTALLATION IS NOT FINISHED.

ARE YOU SURE TO EXIT?

YES        DO IT NEXT TIME        NO

MOVE    ENTER    MENU EXIT
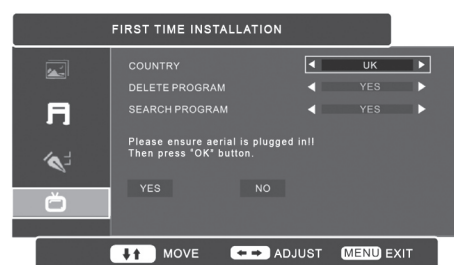
## Selecting the Input Source

**1.** Press the **SOURCE** button to display the input source list.

**2.** Press the ▲▼ buttons to select the input source that you want:
DTV / TV / DVD / AV / SCART / YPBPR / HDMI / PC

**3.** Press the **OK** button to confirm your selection.

SOURCE

DTV
TV
DVD
AV
SCART
YPBPR
HDMI
PC

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## Channel Selection

•  Press the **CH +** / **–** buttons repeatedly or **0-9** buttons to select the channel.

**Alternative**

Press the **CH.List** button to enter the **Channel List**. Then use the ▲▼ buttons to highlight and select the channel. Press the **OK** button to confirm the setting. (DTV mode)

•  Press the **FAV +** / **–** buttons repeatedly to select the favourite channel if you have previously preset your favourite channels.

**Alternative**

Press the **FAV** button to view the **Favourite List**. Then use the ▲▼ buttons to highlight and select the channel. Press the **OK** button to confirm the setting.

•  Press the ↺ button to return to the previously viewed channel.

## Volume Adjustment

•  Press the **VOL +** or **–** buttons to adjust the volume.

•  If you wish to switch the sound off, press the 🔇 button. You can cancel this function by pressing the 🔇 or **VOL +** buttons.

## Customising the PICTURE Setting

### Picture Mode

Allows you to set your preferred picture mode.

**1.**  Press the **MENU** button and then use the ▲▼ buttons to select the **PICTURE** menu and then press the ▶ button.

**2.**  Press the ▲▼ buttons to highlight an individual Picture option.

**3.**  Press the ◀▶ buttons to change the following settings.

| Picture Mode | Cycles among display types: Personal / Standard / Movie / Mild / Game. |
|---|---|
| Brightness | Increase or decrease the amount of white in the picture. (for Personal mode) |
| Contrast | Adjusts the difference between light and dark levels in the picture. (for Personal mode) |
| Colour | Controls the colour intensity. |
| Tint (For NTSC format) | Adjusts the balance between red and green levels. (Tint is only available for NTSC signal reception.) |

**4.**  Press the **MENU** button to save the settings and return back to the previous menu.

**5.**  Press the **EXIT** button to exit the menu.



GB-18
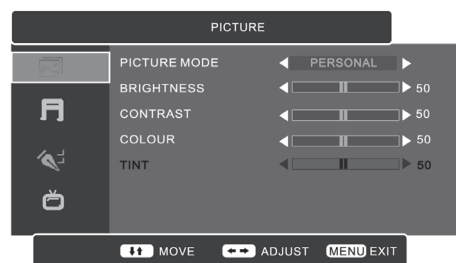
# Customising the SOUND Setting

## Sound Mode

Allows you to select an audio-enhancement technique.

1.  Press the **MENU** button and then use the ▲▼ buttons to select the **SOUND** menu and then press the ▶ button.

2.  Press the ▲▼ buttons to highlight an individual Sound option.

3.  Press the ◀▶ buttons to change the following settings.
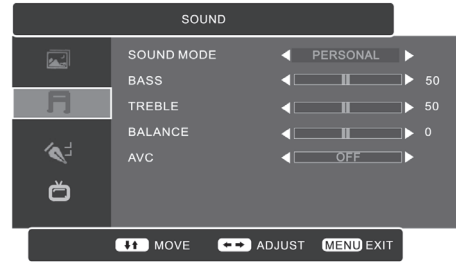
| | |
|---|---|
| **Sound Mode** | Allows selection of an audio-enhancement technique from among the following options: Standard / Music / Voice / Theatre / Personal. |
| **Bass** | Controls the relative intensity of lower-pitched sounds. |
| **Treble** | Controls the relative intensity of higher pitched sounds. |
| **Balance** | Adjusts the relative volume of the speakers in a stereo speaker system. |
| **Auto Volume Control (AVC)** | Allows volume to be controlled automatically. |

4.  Press the **MENU** button to save the settings and return back to the previous menu.

5.  Press the **EXIT** button to exit the menu.

```
                    SOUND
  🖼   SOUND MODE          ◀   PERSONAL   ▶
  🎵   BASS               ◀ ──▌── ▶   50
       TREBLE             ◀ ──▌── ▶   50
  ⤶   BALANCE            ◀ ──▌── ▶    0
       AVC                ◀    OFF    ▶
  📺

       ⬍ MOVE      ◀▶ ADJUST   MENU EXIT
```

## Stereo / Dual Sound Reception (Analogue TV Mode)

When a programme is selected, press the NICAM button to display the sound information for the selected station.

| Broadcast | On Screen Display |
|:---:|:---:|
| Mono | MONO |
| Stereo | STEREO |
| Dual | DUAL I, DUAL II, DUAL I/II |

### Mono sound selection

If the stereo signal is weak in stereo reception, you can switch to mono by pressing the **NICAM** button. In mono reception, the clarity of sound is improved. To switch back to stereo, press the **NICAM** button again.

### Language selection for dual language broadcast

If a programme can be received in two languages (dual language), you can switch to **DUAL I**, **DUAL II**, **DUAL I/II** or **MONO** by pressing the **NICAM** button repeatedly.

| | |
|---|---|
| DUAL I | Sends the primary broadcast language to the loudspeakers |
| DUAL II | Sends the secondary broadcast language to the loudspeakers |
| DUAL I/II | Sends the primary and secondary broadcast languages to the loudspeakers |

## Speaker Sound Output Selection (DTV Mode)

Switches between different audio languages (only applicable when the TV programme has this feature).

# Customising the FUNCTION Setting

## Video Size

Allows you to watch the screen in various picture formats. For analogue TV Mode, Auto / Full / 4:3 / 14:9 / Zoom are the available options. For DTV mode, Auto / Full are the available options. For YPbPr and HDMI mode, Full / 4:3 are the available options.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **VIDEO SIZE**.

3. Press the ◀▶ buttons to select the desired format.

```
                    FUNCTION
   🖼     VIDEO SIZE        ◄      FULL      ►
   💾     TT LANGUAGE       ◄   WEST EURO    ►
          SLEEP TIMER       ◄      OFF       ►
   ↵      OSD TIMER         ◄   60 SECONDS   ►
          BLUE SCREEN       ◄      ON        ►
   📺     CHILD LOCK        ◄      ↵        ►
          RESET             ◄      ↵        ►

        ⇅ MOVE    ⇄ ADJUST   MENU EXIT
```
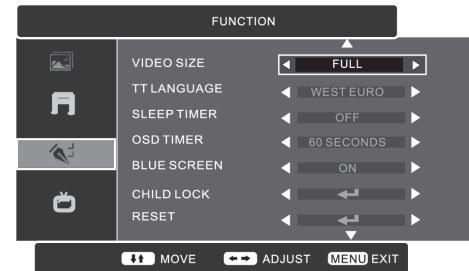
### Auto

When your TV receives a 4:3 or 16:9 signal it will automatically change to the picture format broadcast.

4:3

16:9

### Full

The following selection will allow you to view the picture in full screen.
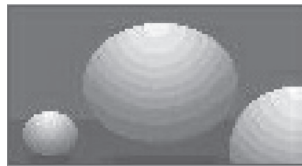
### 4:3

The following selection will allow you to view a picture with an original 4:3 aspect ratio, black bars will appear on both the left and right of the screen.

### 14:9

You can view a picture format of 14:9 or a general TV programme in the 14:9 mode. The 14:9 screen is viewed in the same way as in 4:3, but is magnified to the left and right.

### Zoom

The following selection will allow you to view the picture without any alteration, while filling the entire screen. However, the top and bottom of the picture will be cropped.

4. Press the **MENU** button to save the setting and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

## TT Language

Allows you to select your preferred Teletext language.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **TT Language**.

3. Press the ◀▶ buttons to change the settings.

4. Press the **MENU** button to save the setting and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

```
                    FUNCTION
    ▭      VIDEO SIZE        ◀    FULL      ▶
    ▣      TT LANGUAGE       ◀  WEST EURO   ▶
           SLEEP TIMER       ◀    OFF       ▶
    ◀▣     OSD TIMER         ◀ 60 SECONDS   ▶
           BLUE SCREEN       ◀    ON        ▶
    ▭      CHILD LOCK        ◀    ↵         ▶
           RESET             ◀    ↵         ▶

       ⇅ MOVE    ⟷ ADJUST   MENU EXIT
```

## Sleep Timer

The sleep timer automatically switches the TV to standby after the preset time has elapsed.

⚠ The clock will be set automatically when receiving a digital signal.
Time must be set before using Sleep Timer / OSD Timer function.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **SLEEP TIMER**.

3. Press the ◀▶ buttons to select a period of time after which the TV automatically switches to standby mode: 15 / 30 / 45 / 60 / 75 / 90 / 105 / 120 min / OFF. The timer begins to count down from the number of minutes selected.

4. Press the **MENU** button to save the setting and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

```
                    FUNCTION
    ▭      VIDEO SIZE        ◀    FULL      ▶
    ▣      TT LANGUAGE       ◀  WEST EURO   ▶
           SLEEP TIMER       ◀    OFF       ▶
    ◀▣     OSD TIMER         ◀ 60 SECONDS   ▶
           BLUE SCREEN       ◀    ON        ▶
    ▭      CHILD LOCK        ◀    ↵         ▶
           RESET             ◀    ↵         ▶

       ⇅ MOVE    ⟷ ADJUST   MENU EXIT
```
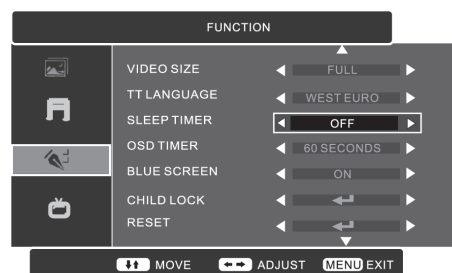
⟱ **Alternative**

1. You may press the **SLEEP** button on the remote control repeatedly to select the number of minutes: 15 / 30 / 45 / 60 / 75 / 90 / 105 / 120 min / OFF directly.

2. To cancel the sleep time, press the **SLEEP** button repeatedly until Off appears.

⚠ If you turn the TV off after setting the sleep timer, the sleep timer setting will be erased.

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## OSD Timer

Allows you to select the display time of the on-screen menu.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **OSD TIMER**.

3. Press the ◀▶ buttons to select time: 5 / 10 / 30 / 60 sec / NEVER.

4. Press the **MENU** button to save the setting and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

```
                      FUNCTION
  VIDEO SIZE              ◀  FULL          ▶
  TT LANGUAGE            ◀  WEST EURO      ▶
  SLEEP TIMER           ◀  OFF            ▶
  OSD TIMER             ◀  60 SECONDS     ▶
  BLUE SCREEN           ◀  ON             ▶
  CHILD LOCK            ◀  ↵             ▶
  RESET                 ◀  ↵             ▶
       MOVE        ADJUST    MENU EXIT
```
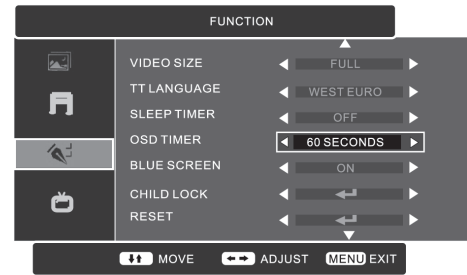
## Blue Screen

Allows the blue background to turn On or Off during weak or no signal conditions.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **BLUE SCREEN**.

3. Press the ◀▶ buttons to turn it ON or OFF.

4. Press the **MENU** button to save the setting and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

```
                      FUNCTION
  VIDEO SIZE              ◀  FULL          ▶
  TT LANGUAGE            ◀  WEST EURO      ▶
  SLEEP TIMER           ◀  OFF            ▶
  OSD TIMER             ◀  60 SECONDS     ▶
  BLUE SCREEN           ◀  ON             ▶
  CHILD LOCK            ◀  ↵             ▶
  RESET                 ◀  ↵             ▶
       MOVE        ADJUST    MENU EXIT
```

## Child Lock

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

If the Child Lock is set to On, a valid password must be entered when you access the Auto Tuning / Manual Tuning / Program Edit / First Time Installation.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **CHILD LOCK** and then press the ▶ button.

```
                      FUNCTION
  VIDEO SIZE              ◀  FULL          ▶
  TT LANGUAGE            ◀  WEST EURO      ▶
  SLEEP TIMER           ◀  OFF            ▶
  OSD TIMER             ◀  60 SECONDS     ▶
  BLUE SCREEN           ◀  ON             ▶
  CHILD LOCK            ◀  ↵             ▶
  RESET                 ◀  ↵             ▶
       MOVE        ENTER    MENU EXIT
```
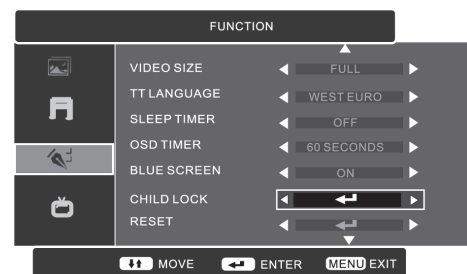
3. Press the ▲▼ buttons to select **CHILD LOCK** and then the ◀▶ buttons to select **On**.

```
                      FUNCTION
              CHILD LOCK
  CHILD LOCK             ◀  ON            ▶
  KEY LOCKED            ◀  OFF           ▶
  CHANGE CODE          ◀  ↵            ▶

       MOVE        ADJUST    MENU EXIT
```

GB-22
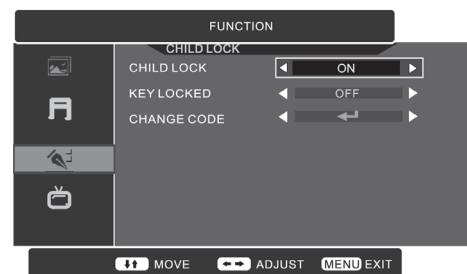
**4.** Press the ▼ button and then the ▶ button to select **CHANGE CODE**.

**5.** Use the **0–9** buttons to input a 4-digit password.

> ⚠ The default password is "**0000**".
> Be sure to remember this number! If you forget your password, press the master password "**8899**" on the remote control.

**6.** Re-enter new password for confirmation.

**7.** Press the **MENU** button to save the setting and return back to the previous menu.

**8.** Press the **EXIT** button to exit the menu.

```
            CHILD  LOCK

        ENTER OLD PASSWORD
         ▢     ▢     ▢     ▢
        ENTER NEW PASSWORD
         ▢     ▢     ▢     ▢
        ENTER PASSWORD AGAIN
         ▢     ▢     ▢     ▢

   ⬅ DELETE     0~9 NUMBER    MENU EXIT
```

## Key Locked

Key Locked is designed to prevent children from pressing the buttons on the TV. If the Key Locked is set to On, all buttons on the TV will be locked. All TV operations can be controlled by the remote control only.

**1.** Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

**2.** Press the ▲▼ buttons to select **CHILD LOCK** and then press the ▶ button.

```
                    FUNCTION

   🖼     VIDEO SIZE        ◄    FULL      ►
   🎵     TT LANGUAGE       ◄  WEST EURO   ►
          SLEEP TIMER       ◄    OFF       ►
   📺     OSD TIMER         ◄ 60 SECONDS   ►
          BLUE SCREEN       ◄    ON        ►
   📺     CHILD LOCK        ◄    ↵         ►
          RESET             ◄    ↵         ►

   ↕ MOVE    ↵ ENTER    MENU EXIT
```
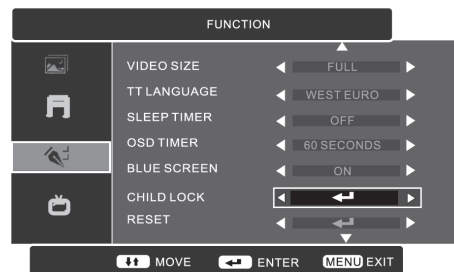
**3.** Press the ▲▼ buttons to select **KEY LOCKED** and then the ◄► buttons to select **ON**.

```
                    FUNCTION
              CHILD LOCK
   🖼     CHILD LOCK        ◄    OFF       ►
   🎵     KEY LOCKED        ◄    ON        ►
          CHANGE CODE       ◄    ↵         ►
   📺

   ↕ MOVE    ↔ ADJUST    MENU EXIT
```
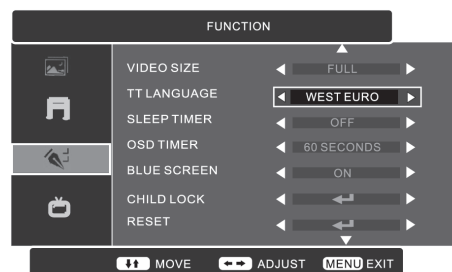
**4.** Press the **MENU** button to save the setting and return back to the previous menu.

**5.** Press the **EXIT** button to exit the menu.

> ⚠ To switch off the Key Locked, repeated the step 1-3 and press the ◄► buttons to select **OFF**.

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## Reset

Restores all settings to factory defaults.

**1.** Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

**2.** Press the ▲▼ buttons to select **RESET** and then press the ▶ button.

**3.** Press the ◀▶ buttons to select **YES** on the screen. All settings will be reset to factory defaults and the **FUNCTION** menu will disappear.

```
                    FUNCTION
        ▲
        VIDEO SIZE        ◀    FULL       ▶
        TT LANGUAGE       ◀  WEST EURO    ▶
        SLEEP TIMER       ◀    OFF        ▶
        OSD TIMER         ◀  60 SECONDS   ▶
        BLUE SCREEN       ◀    ON         ▶
        CHILD LOCK        ◀    ↵          ▶
        RESET             ◀    ↵          ▶
        ▼
        MOVE      ENTER    MENU EXIT
```

## Installation

Allows you to set up your TV if you have not previously done so or if you have moved house.

**1.** Press the **MENU** button and then use the ▲▼ buttons to select the **FUNCTION** menu and then press the ▶ button.

**2.** Press the ▲▼ buttons to select **INSTALLATION** and then press the ▶ button.

```
                    FUNCTION
        ▲
        INSTALLATION      ◀    ↵          ▶

        ▼
        MOVE      ENTER    MENU EXIT
```

**3.** Press the ▲◀▶▼ buttons to navigate the menu and change the settings.

| Country | Select the country where you will operate the TV. |
|---|---|
| Delete Program | Select to delete the tuned channels in the TV. |
| Search Program | Perform search automatically for analogue and digital TV programmes. |

```
              FIRST TIME INSTALLATION
        COUNTRY               ◀    UK     ▶
        DELETE PROGRAM        ◀    YES    ▶
        SEARCH PROGRAM        ◀    YES    ▶

        Please ensure aerial is plugged in!!
        Then press "OK" button.

          YES            NO

        MOVE      ADJUST    MENU EXIT
```

**4.** Select **YES** on the screen and press the **OK** button on the remote control to start the First Time Installation.
Select **NO** on the screen to cancel the First Time Installation.
A First Time Installation reminder will appear the next time you turn on the TV.

```
              FIRST TIME INSTALLATION

        FIRST TIME INSTALLATION IS NOT FINISHED.

        ARE YOU SURE TO EXIT?


        YES        DO IT NEXT TIME        NO

        MOVE      ENTER    MENU EXIT
```

# Customising the TV Setting (Analogue TV Mode)

## Country

Allows you to select the country where you are using the TV.

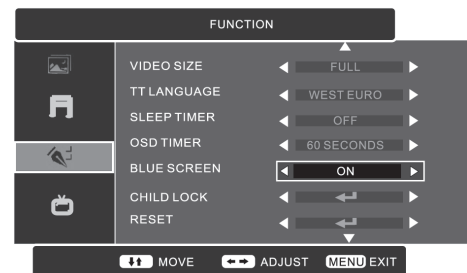1. Press the **MENU** button and then use the ▲▼ buttons to select the **TV** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **COUNTRY**.

3. Press the ◀▶ buttons to select the country: UK, Italy, Spain, France, Germany and Other.

4. You may now proceed to the Auto Tuning or Manual Tuning.

```
                              TV
       COUNTRY              ◀      UK        ▶
       AUTO TUNING          ◀      ↵         ▶
       MANUAL TUNING        ◀      ↵         ▶
       CHANNEL EDIT         ◀      ↵         ▶

         MOVE        ADJUST    MENU EXIT
```
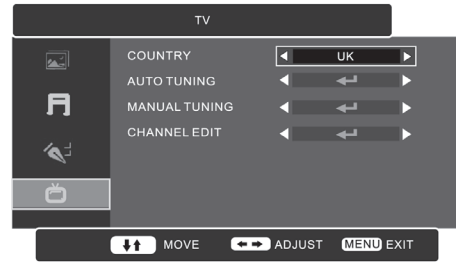
## Auto Tuning

Use this to automatically find and store all available channels.

1. Press the ▲▼ buttons to select **AUTO TUNING** and then press the ▶ button.

```
                              TV
       COUNTRY              ◀      UK        ▶
       AUTO TUNING          ◀      ↵         ▶
       MANUAL TUNING        ◀      ↵         ▶
       CHANNEL EDIT         ◀      ↵         ▶

         MOVE        ENTER     MENU EXIT
```

2. An Auto Tuning screen will pop up. Press the ◀▶ buttons to select **YES** and press the **OK** button to start the auto tuning.

```
                              TV
              AUTO TUNING


                 YES        NO


         MOVE        ENTER     MENU BACK
```
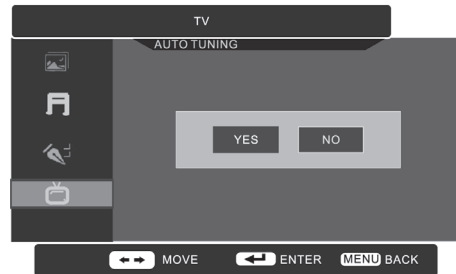
## Manual Tuning

Allows you to make manual fine tuning adjustments if the channel reception is poor under analogue TV mode.

1. Press the ▲▼ buttons to select **MANUAL TUNING** and then press the ▶ button.

```
                              TV
       COUNTRY              ◀      UK        ▶
       AUTO TUNING          ◀      ↵         ▶
       MANUAL TUNING        ◀      ↵         ▶
       CHANNEL EDIT         ◀      ↵         ▶

         MOVE        ENTER     MENU EXIT
```

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**2.** Press the ▲◄►▼ buttons to change the following settings.

| Channel | Allows to select a channel number for a particular frequency through manual tuning. |
|---|---|
| **Sound System** | Allows to select TV sound system between: BG / I / L / DK. (for AUTO & SECAM system only) |
| **Colour System** | Allows to select TV colour system between: AUTO / PAL / SECAM. (not available for I sound system) |
| **Auto Fine Tune (AFT)** | To fine tune the channel automatically when the signal is weak. |
| **Manual Tuning** | Performs manual search for analogue TV programmes. Press the ◄► buttons shortly to adjust channel frequency, and press for a long time to begin searching. |

**3.** Press the **MENU** button to save the setting and return back to the previous menu.
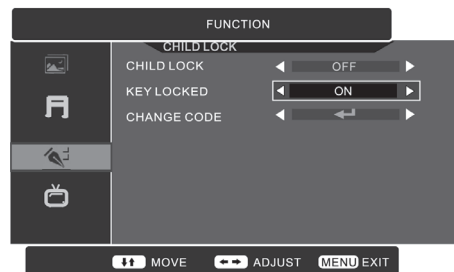
**4.** Press the **EXIT** button to exit the menu.
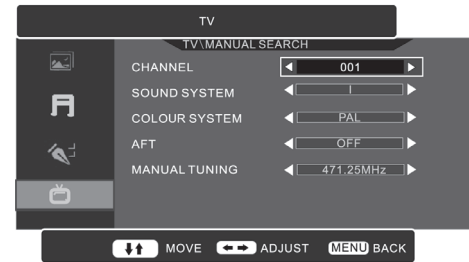
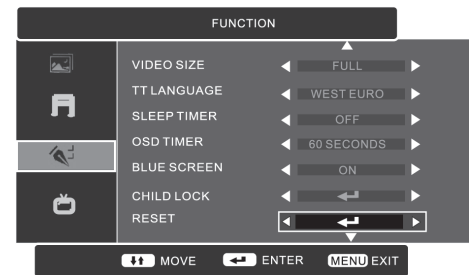## Channel Edit

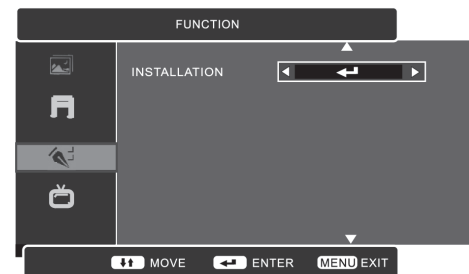Allows you to edit analogue TV programmes in the Channel List.

**1.** Press the **MENU** button and then use the ▲▼ buttons to select the **TV** menu and then press the ► button.

**2.** Press the ▲▼ buttons to select **CHANNEL EDIT** and then press the ► button.
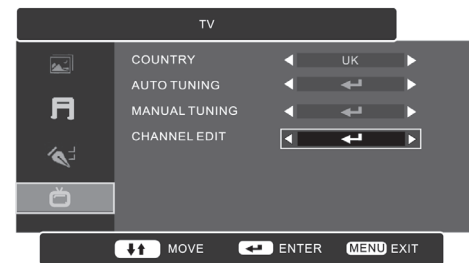
**3.** Press the ▲▼ buttons to select a channel.

**To add a channel to the favourite channel list**

**a.** Press the **GREEN** button on the remote control with the selected channel.

**b.** Press the **GREEN** button again to undo it.

**To Skip**

**a.** Press the **YELLOW** button on the remote control with the selected channel.

**b.** Press the **YELLOW** button again to undo it.

**To Lock**

**a.** Press the **BLUE** button on the remote control with the selected channel.

**b.** Press the **BLUE** button again to unlock.

**To Move**

**a.** Press the ▲▼ buttons on the remote control then the ► button to selected channel.

**b.** Press the ▲▼ buttons to move the selected channel.

**c.** Press the **OK** button to confirm.
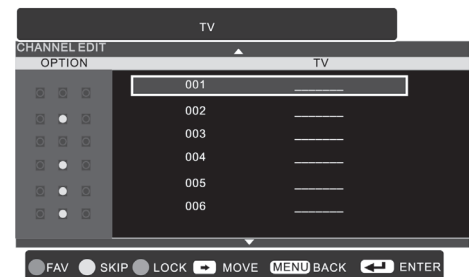
**To Rename**

**a.** Press the ▲▼ buttons on the remote control with the selected channel then press the **OK** button.

**b.** Key in the character by press the **OK** button on the remote control.

**c.** Press the ▲▼ buttons and then the ▶ button to select OK displayed on the screen when finished.
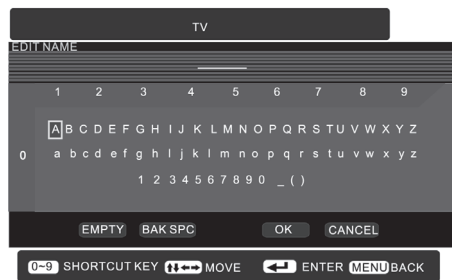
**4.** Press the **MENU** button to save and return back to the previous menu.

**5.** Press the **EXIT** button to exit the menu.

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# Customising the TV Settings (DTV Mode)

## Auto Tuning

Use this to automatically find and store all available channels.

---

**1.** Press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

**2.** Press the ▲▼ buttons to select **AUTO TUNING** and then press the ▶ button.

| DTV |
|---|
| AUTO TUNING ◀ ↵ ▶ |
| MANUAL TUNING ◀ ↵ ▶ |
| CHANNEL EDIT ◀ ↵ ▶ |
| TIMER-REC ◀ ↵ ▶ |
| RATING ◀ OFF ▶ |
| CI ◀ ↵ ▶ |
| MOVE   ENTER   MENU EXIT |

**3.** An Auto Tuning screen will pop up. Press the ◀▶ buttons to select **YES** and press the **OK** button to start the auto tuning.

| DTV |
|---|
| AUTO TUNING |
| YES   NO |
| MOVE   ENTER   MENU BACK |
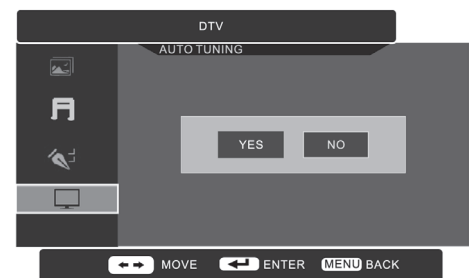
## Manual Tuning

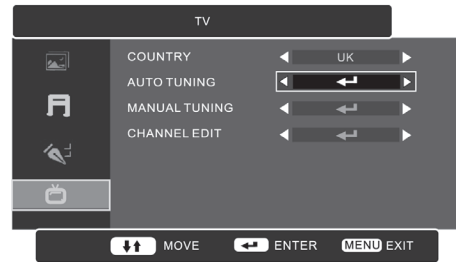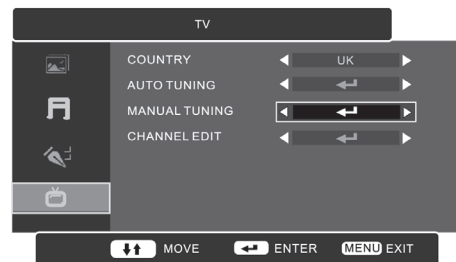Allows you to make manual fine tuning adjustments if the channel reception is poor under DTV mode.

---

**1.** Press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

**2.** Press the ▲▼ buttons to select **MANUAL TUNING** and then press the ▶ button.

| DTV |
|---|
| AUTO TUNING ◀ ↵ ▶ |
| MANUAL TUNING ◀ ↵ ▶ |
| CHANNEL EDIT ◀ ↵ ▶ |
| TIMER-REC ◀ ↵ ▶ |
| RATING ◀ OFF ▶ |
| CI ◀ ↵ ▶ |
| MOVE   ENTER   MENU EXIT |

**3.** Press the ◀▶ buttons to change the following settings.

| MANUAL TUNING |
|---|
| CHANNEL ◀ 21 ▶ |
| START SEARCH ◀ ↵ ▶ |
| SERVICES FOUND ◀ 0 ▶ |
| SIGNAL QUALITY ◀ 0% ▶ |
| SIGNAL STRENGTH ◀ 0% ▶ |
| FREQUENCY ◀ 50.50MHz ▶ |
| MOVE   ENTER   MENU BACK |

| | |
|---|---|
| **Channel** | Allows to select a channel number for a particular frequency through manual tuning. |
| **Start Search** | Performs manual search for digital TV programmes. |

**4.** Press the **MENU** button to save the setting and return back to the previous menu.

**5.** Press the **EXIT** button to exit the menu.

## Channel Edit

Allows you to edit DTV programmes in the Channel List.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **CHANNEL EDIT** and then press the ▶ button.

```
                          DTV
  🖼   AUTO TUNING       ◄   ↵   ►
  🎵   MANUAL TUNING     ◄   ↵   ►
       CHANNEL EDIT      ◄   ↵   ►
  🎙   TIMER-REC         ◄   ↵   ►
       RATING            ◄  OFF  ►
  🖥   CI                ◄   ↵   ►

      ⏸ MOVE      ↵ ENTER    MENU EXIT
```

3. **To Lock**
   a. Press the **BLUE** button on the remote control.
   b. Press the ▲▼ buttons to select the channel desired to be locked.
   c. Press the **OK** button to confirm.
   d. Press the **OK** button again to unlock.

   **To Delete**
   a. Press the ▲▼ buttons on the remote control to selected channel.
   b. Press the **RED** button to delete.

   **To Reorder**
   a. Press the ▲▼ buttons on the remote control to selected channel.
   b. Press the **GREEN** button to move the selected channel.
   c. Press the **OK** button to confirm.

   **Rename**
   a. Press the ▲▼ buttons on the remote control to selected channel.
   b. Press the **YELLOW** button.
   c. Key in the character by press the **OK** button on the remote control.
   d. Press the **GREEN** button when finished.
   e. Press the **YELLOW** button to cancel.

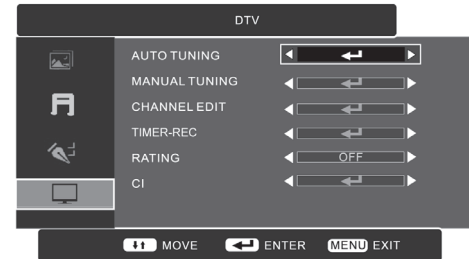4. Press the **MENU** button to save and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

```
                 CHANNEL   EDIT

   CN      Name        Provider      UHF

   800    TVM01        Harmoni       VHF
   800    TVM02        Harmoni       VHF
   800    TVM03        Harmoni       VHF


   ◆ Select      OK To  View      ● Lock
   ● Delete      ● Reorder        ● Rename
```

## Timer Programming (TIMER-REC)

Timer programming is only available when a USB storage device is connected.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **TIMER-REC** and then press the ▶ button.

```
                          DTV
  🖼   AUTO TUNING       ◄   ↵   ►
  🎵   MANUAL TUNING     ◄   ↵   ►
       CHANNEL EDIT      ◄   ↵   ►
  🎙   TIMER-REC         ◄   ↵   ►
       RATING            ◄  OFF  ►
  🖥   CI                ◄   ↵   ►

      ⏸ MOVE      ↵ ENTER    MENU EXIT
```

3. **Timer Programming**.

```
 TIMER PROGRAMMING    --:--   --/--/----

   CN   Service  Date     Start   Mins  Rep  Sub DVR
  006    ITV2  26/12 Fri  10:10   20    Day  Yes  Yes
  --   ------ --------- --:-- --  --   -- --
  --   ------ --------- --:-- --  --   -- --
  --   ------ --------- --:-- --  --   -- --
  --   ------ --------- --:-- --  --   -- --
  --   ------ --------- --:-- --  --   -- --
  --   ------ --------- --:-- --  --   -- --
  --   ------ --------- --:-- --  --   -- --

   ◆ Select      ● Delete    OK Edit  entry
```

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# Rating

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

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

When a programme is locked or rated with delayed state, the message "locked programme" is displayed without displaying the password window.

When recording a locked or rated programme, the recorded programme will be locked unless you enter the password before the recording is finished. If you wish to play the locked programme, you should enter the password.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **RATING**.

3. Press the ◀▶ buttons to select different rating.

4. Press the **MENU** button to save the setting and return back to the previous menu.
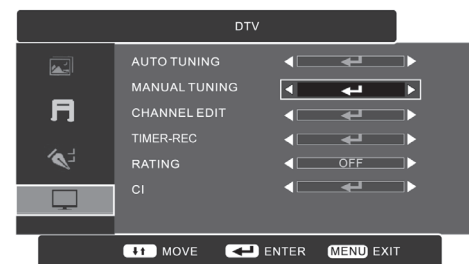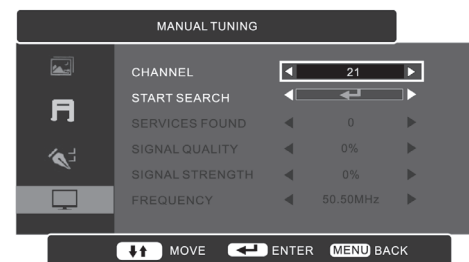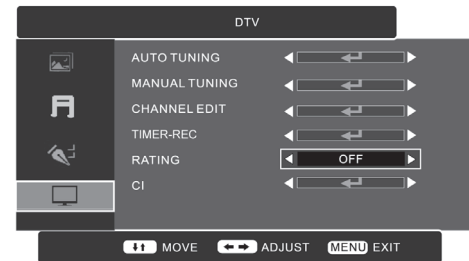
5. Press the **EXIT** button to exit the menu.

| DTV |
|---|
| AUTO TUNING |
| MANUAL TUNING |
| CHANNEL EDIT |
| TIMER-REC |
| RATING      OFF |
| CI |
| MOVE   ADJUST   MENU EXIT |

# Common Interface

This function enables you to watch some scrambled services (pay services). When the CI card is inserted into the CI slot, you can access the CI information: Module Information, Smart Card Information, Language, Software Download

1. Press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

2. Press the ▲▼ buttons to select **CI**.

| DTV |
|---|
| AUTO TUNING |
| MANUAL TUNING |
| CHANNEL EDIT |
| TIMER-REC |
| RATING      OFF |
| CI |
| MOVE   ENTER   MENU EXIT |

3. Press the ▶ button to display the Common Interface screen, then press the **OK** button.

**Common Interface**

Irdeto Access

OK Enter Menu

4. Press the ▲▼ buttons and then the **OK** button to display CI information (Status / Messages / Language Setup / Update Software / Quit).

5. Press the **EXIT** button to return back to the previous menu.

6. Press the **EXIT** button again to exit the menu.

⚠️ This CI menu is for illustration only.
Different CI card will have different CI menu.

**Irdeto Access**

Irdeto Access
IRDETO - MAIN

Status
Messages
Language Setup
Update Software
Quit

Press 'OK' to select; Press 'EXIT' to quit.

Scroll                                    OK

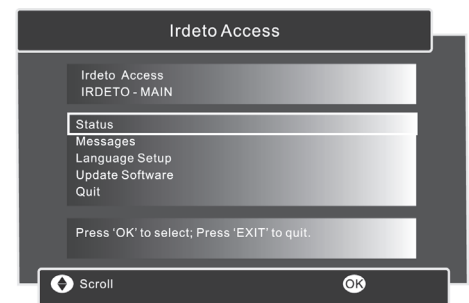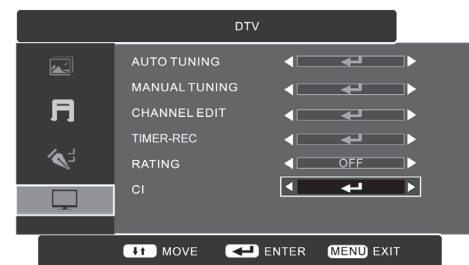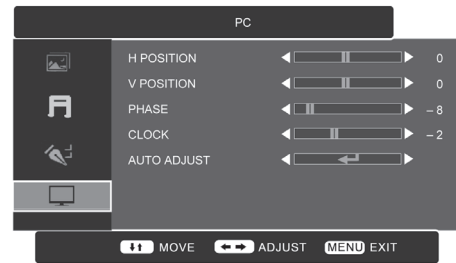# Customising the TV Settings (PC Mode)

Allows you to adjust the PC desktop content.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **PC** menu and then press the ▶ button.

2. Press the ▲▼ buttons to highlight an individual PC Position option.

3. Press the ◀▶ buttons to change the following settings.

| H Position | Adjusts the position of the picture left and right in the window. |
|---|---|
| V Position | Adjusts the position of the picture up and down in the window. |
| Phase | Controls the signal phase, which can improve focus clarity and image stability based on the VGA mode. |
| Clock | Control the signal clock, which can improve the image stability based on the VGA mode. |
| Auto Adjust | Allows you to synchronise VGA signal automatically. |

4. Press the **MENU** button to save the settings and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

PC

| | |
|---|---|
| H POSITION | 0 |
| V POSITION | 0 |
| PHASE | – 8 |
| CLOCK | – 2 |
| AUTO ADJUST | |

MOVE    ADJUST    MENU EXIT

# Customising the TV Settings (HDMI and YPbPr Modes)

Allows you to adjust the displayed content.

1. Press the **MENU** button and then use the ▲▼ buttons to select the **HDMI / YPBPR** menu and then press the ▶ button.

2. Press the ▲▼ buttons to highlight an individual HDMI / YPBPR option.

3. Press the ◀▶ buttons to change the following settings.

| H Position | Adjusts the position of the picture left and right in the window. |
|---|---|
| V Position | Adjusts the position of the picture up and down in the window. |
| Position Reset | Resets to default settings. |
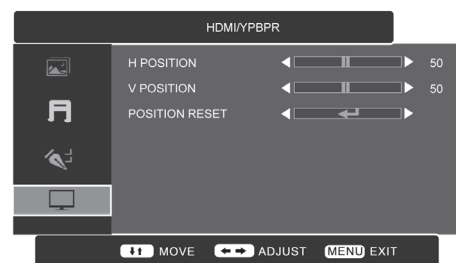
4. Press the **MENU** button to save the setting and return back to the previous menu.

5. Press the **EXIT** button to exit the menu.

HDMI/YPBPR

| | |
|---|---|
| H POSITION | 50 |
| V POSITION | 50 |
| POSITION RESET | |

MOVE    ADJUST    MENU EXIT

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# Teletext (Analogue TV Mode)

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

## To Turn on Teletext Function

⚠️   Make sure the TV channel you are watching transmits teletext. If not "No Teletext" sign will be shown on the screen.

In ATV mode, press the **TEXT** button to enter Teletext mode. Press the **INDEX** button to display the index page.

Press the **TEXT** button twice to exit and the TV will return to the channel you were watching.

### To select a page of text

Find the number of the page in the index and enter it using the **0-9** buttons. The number of the page will appear on the top left corner of the screen.
The page counter will search for your page. When it finds it, the page will be displayed.
To move to the previous page of text, press the ▲ button.
To move to the next page, press the ▼ button.
To return to the index page, enter the "**100**" by using the **0-9** buttons or press the **INDEX** button.

### Mix

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

### Page search while watching TV

Press the **CANCEL** button while watching TV with teletext, enter the page number you want by using the **0-9** buttons.
The top line of the text page will appear while the text searches for your page. When the page is found the number will remain in the top left hand corner of the screen.

### Double height text

If you have difficulty reading the text on the TV you can double the height of the text.
Press the **SIZE** button. The top half of the page will be displayed in double height text.
Press the **SIZE** button again. The bottom half of the page will be displayed in double height text.
Press the **SIZE** button again to return to the full page.

### Page HOLD

If the page of text you have selected contains subpages, these subpages will automatically be displayed in order with a delay to allow you to read the page.
Press the ◀▶ buttons to scroll through the subpages.

⏩ **Alternative**

   Press the **SUBPAGE** button, then enter a 3-digit page number.

### To Reveal Information

Press the **REVEAL** button to reveal concealed information (quiz answers etc.).
Press the **REVEAL** button again to conceal the information again.

### Fasttext

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

# Digital Teletext (DTV Mode)

Digital teletext can access special digital teletext services and specific services which broadcast digital teletext. The subtitle will temporarily auto off when teletext function is turned on.

## Teletext within Digital Service

1.  In DTV mode, press the **CH. List** button to display the Channel List. Press the ▲▼ buttons to select the teletext channel with a (TXT) icon displayed.

2.  Press the **TEXT** button to display the teletext page.

3.  Press the **0-9** buttons to select page number which broadcasts digital teletext.

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

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

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# EPG (Electronic Programme Guide) (DTV Mode)

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

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

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

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

## Switch On/Off EPG

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

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

## Select a Programme

1.  Press the ▲▼ , **CH +** or **CH -** buttons to select the desired channel and the ◀▶ buttons to select the desired programme, then the **OK** button to confirm.



## Button Function in a 7 Days Guide

| Remote Control Button | Function |
| --- | --- |
| **RED** | EPG-REC (Timer Programming)<br>See page 41 for details on **Timer Programming** |
| **GREEN** | Reminder<br>Press this button while on the selected programme. The TV will automatically tune to the selected programme when it starts |
| **YELLOW** | - Day (To view schedule of the previous day) |
| **BLUE** | + Day (To view schedule of the next day) |
| ▲ or ▼ | To select a channel |
| ◀ or ▶ | To view a programme's information |
| **OK** | To confirm and view the selected channel |
| **DISPLAY** | To preview the selected channel on the preview screen |
| **EPG / EXIT** | Switch off EPG |

# Before Using the Features via USB Port

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

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

3. Switch on the TV now.



Rear View of TV

Portable Hard Disk

Adapter

USB Cable

USB Hub

USB
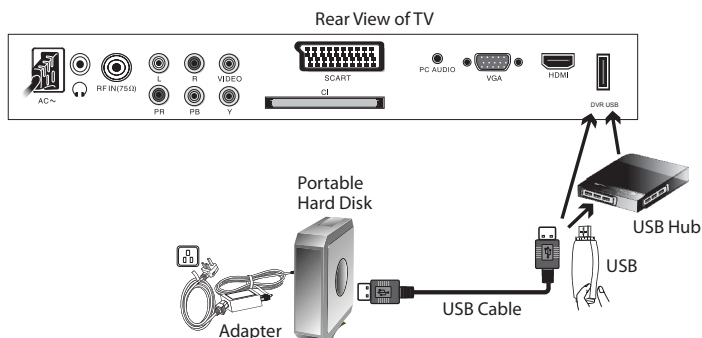
⚠️
- If a hard disk is used, make sure its mains adapter is connected to the mains supply.
- If a USB hub is used, make sure its mains adapter is connected to the mains supply as the total current consumption may exceed 500mA.
- If a USB hub is used, you may refer to the **Recording Device** on page 37 for details on selecting the active device when several USB storage devices are connected.
- The maximum supported storage space of the hard disk is 1 TB.
- The file system only supports FAT32 format.
- If you want to store the video streaming of a DTV programme, the transfer rate of the USB storage device must not be less than 5MB/s, otherwise the picture and sound of the programme will be affected and a warning statement will be shown on screen. If this happens, please upgrade your USB storage device.
- The TV screen will be blank temporarily as it will take time to start up and stabilise the connected hard disk. This is normal and the starting time may vary depending on the brand and the memory size of the connected hard disk.
- Disconnect the USB storage device if it is not in use.

# My Recorder

1. Press the **SOURCE** button and select DTV mode, then press the **MEDIA** button.

2. Press the **OK** button to select **My Recorder** to enter the **DVR SETUP** menu.



MULTIMEDIA

My Recorder

OK Enter menu
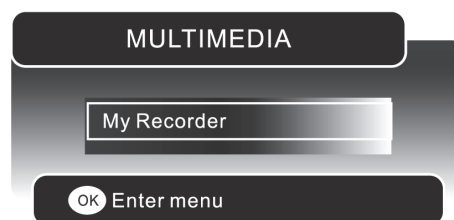
## Recorded List

You can play or delete from the recorded programme list.

1. In the **DVR SETUP** menu, press the ▲▼ buttons and the **OK** button to select **Recorded List**.



DVR SETUP

Recorded List
Recording Device
Recording Preference

Select        OK  Enter menu

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**2.** If more than one USB storage devices is connected, press the **DISPLAY** button to switch to the device type menu. Select the active device and press the **OK** button to confirm.

**3.** Press the ▲▼ buttons to select the recorded programme you want to delete.

Press the **RED** button to delete the recorded programme and press the **OK** button to confirm.

**4.** Press the ▲▼ buttons to select the recorded programme you want to view.

Press the **GREEN** button to preview the recorded programme then press the **OK** button to play the selected programme.

Recorded List

Five
08/01/13
22:22~22:37
00:14:54

Record File count:2                                      Page:1
1.Five_080113
2.Five_080113

Select      OK Play      Delete      Preview      DISP Device

**1** Preview window for the recorded video selected

**2** Information of the recorded video selected

**3** Recorded video list

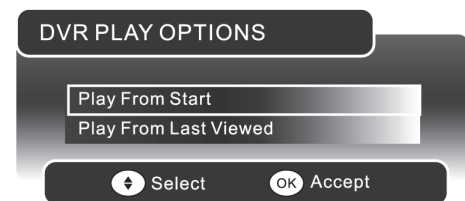⚠ If the selected programme was stopped before it had finished the last time you viewed it, the "DVR PLAY OPTION" will pop up.
Press the ▲▼ buttons to select between Play From Start / Play From Last Viewed. Press the **OK** button to confirm your selected option.

**DVR PLAY OPTIONS**

Play From Start
Play From Last Viewed

Select          OK Accept

**5.** During playback, press the **DISPLAY** button to display the DVR Playback Progress Bar.

DVR Playback                    [SUBTITLE NOT AVAILABLE]

Five

00:03:00/00:15:00

Previous          Next          Exit Record List
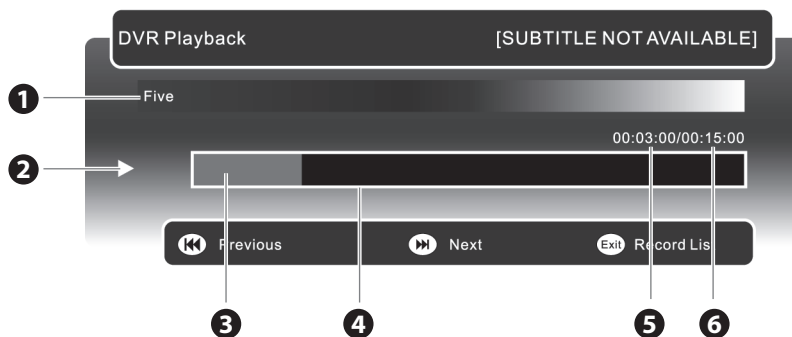
**The 'DVR Playback Progress Bar'**

**1** Indicates the programme's name

**2** Indicates the playback status of the recorded programme

**3** Indicates the status of the programme's runtime

**4** Indicates the current playback position

**5** Indicates the elapsed playback time

**6** Indicates the total playback time

**6.** Press the ⏮ button to play the previous movie.
Press the ⏭ button to play the next movie.

**7.** Press the **MENU** / **MEDIA** button to return to the previous menu.

**8.** Press the **EXIT** button to exit the menu.

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# Recording Device

You can view the status of the storage device and select the device you wish to record to if there is more than one device connected.

**1.** In the **DVR SETUP** menu, press the ▲▼ buttons and the **OK** button to select **Recording Device**.

**DVR SETUP**

Recorded List
Recording Device
Recording Preference

◆ Select      OK  Enter menu

**2.** Press the ▲◀▶▼ buttons to adjust the settings.

| **Device Type** | Indicates that a USB device is connected. |
|---|---|
| **Slot** | Select the active USB storage device connected to the USB hub slot (1 ➔ 2 ➔ 3 ➔ 4). |
| **Partition** | Select the active partition (1 ➔ 2 ➔ … ➔ max.15) on the selected USB device. |

**3.** Press the **RED** button to select **Format**. Press the **OK** button to confirm. All data will be lost from the formatted partition.

Press the **GREEN** button to select **Format The Disk**. Press the **OK** button to confirm. All data will be lost from the disk.

⚠ Formatting may be needed occasionally due to a hard disk malfunction. In most cases, this will restore normal operation of the hard disk, however all data previously stored will be lost.

**4.** Press the **MENU** / **MEDIA** button to return to the previous menu.

**5.** Press the **EXIT** button to exit the menu.

My Recorder

❶
Device  Type                              USB
         Slot                               1
         Partition                          1
USB
❷
0%                     50%              847 MB      100%
              Free              847 MB
              Used              105 MB
              Total             952 MB

⟷ Move    ◆ Change    OK Select    ● Format    ● Format Disk

❸    ❹

| **1** | USB Storage device type |
|---|---|
| **2** | Storage capacity of the active USB storage device |
| **3** | Format |
| **4** | Format disk |

## Recording Preference

**1.** In the **DVR SETUP** menu, press the ▲▼ buttons and the **OK** button to select **Recording Preference**.

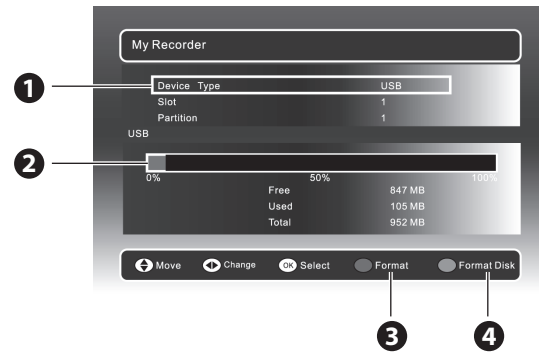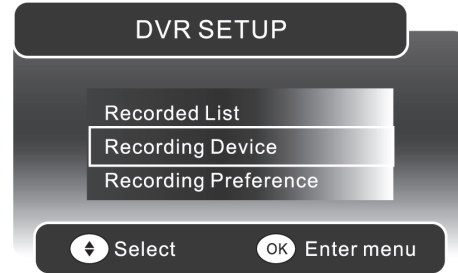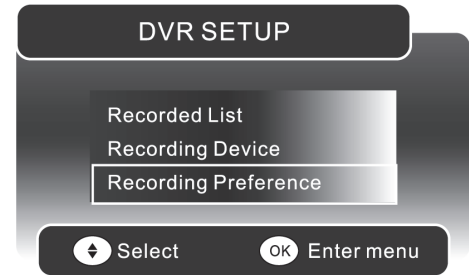**2.** Press the ▲◄►▼ buttons to adjust the settings.

| | |
|---|---|
| **Time Shift Size** | The minimum USB's time shift size is 768MB. The time shift size will vary depending on the size of USB storage device. |
| **Time Shift** | Set the time shift recording Off/ Pause/ Auto. |
| **One Button Recording** | Set the one button recording on /off. |
| **Default Record Duration** | The longest record duration is 8 hours, while the shortest record duration is 15 minutes. |

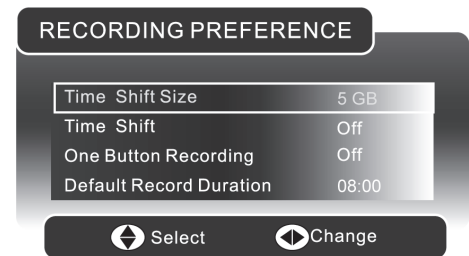**3.** Press the **MENU** / **MEDIA** button to return to the previous menu.

**4.** Press the **EXIT** button to exit the menu.

• Only DTV programmes can be recorded by DVR. During recording, you can change to another input source (except TV mode) without affecting the recording progress.
• Copy-protected programmes may not be recorded.
• Recording a programme for an hour would approximately take up 2G of storage space, when the DTV video rate is 5Mbps. (For reference only)

**DVR SETUP**

Recorded List
Recording Device
Recording Preference

▲▼ Select    OK Enter menu

**RECORDING PREFERENCE**

Time Shift Size          5 GB
Time Shift               Off
One Button Recording     Off
Default Record Duration  08:00

Select    Change

| Hard disk size | Approximate hour can be recorded |
|---|---|
| 40 GB | 20 hrs |
| 80 GB | 40 hrs |
| 160 GB | 80 hrs |
| 320 GB | 160 hrs |
| 640 GB | 320 hrs |
| 1 TB | 500 hrs |

GB-38

# Time Shift Function

This function allows the unit to automatically record live TV and make it available for viewing at any time.
With the Time Shift Mode set to **Auto** or **Pause**, you may pause or rewind normal TV viewing at any time without missing any of the live broadcast.

⚠️ • To set Time Shift mode, please refer to the **Recording Preference** on page 38 for details.
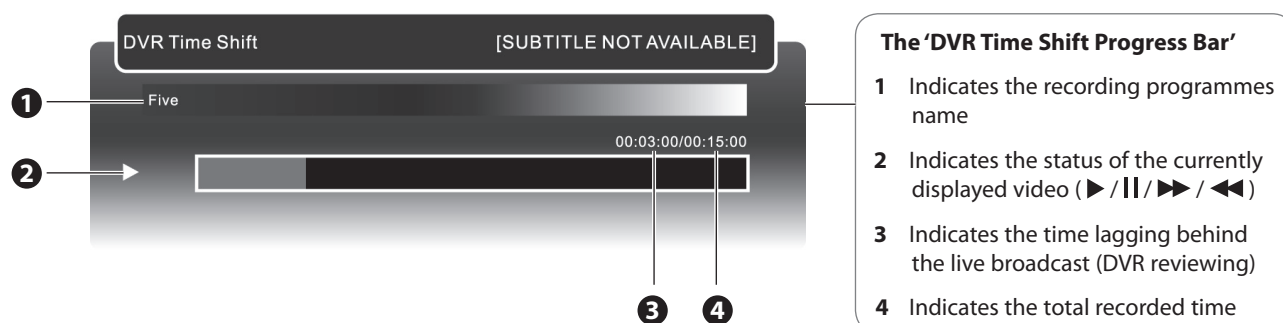• Time Shift Mode and Recording functions may not work if the signal strength is weak.

## Auto Time Shift Mode

During the normal TV viewing, you may press the ▶❚❚ button to virtually pause the live viewing broadcast programme if you want to go out for a while (e.g. going to the bathroom / kitchen). When you have returned, press the ▶❚❚ button to play the missed broadcast programme. The DVR Time Shift progress bar will be displayed on the screen.

In other circumstances, you may just leave the TV for a while without pressing any buttons. Then when you have returned, press the ◀◀ button to virtually rewind the live viewing broadcast programme. Press the ▶❚❚ button to play the missed broadcast programme. The DVR Time Shift progress bar will be displayed on the screen.

## Pause Time Shift Mode

During the normal TV viewing, you may press the ▶❚❚ button to virtually pause the live viewing broadcast programme if you want to go out for a while (e.g. going to the bathroom / kitchen). When you have returned, press the ▶❚❚ button to play the missed broadcast programme. The DVR Time Shift progress bar will be displayed on the screen.



```
DVR Time Shift                          [SUBTITLE NOT AVAILABLE]

  Five

                                        00:03:00/00:15:00
```

**The 'DVR Time Shift Progress Bar'**

**1** Indicates the recording programmes name

**2** Indicates the status of the currently displayed video ( ▶ / ❚❚ / ▶▶ / ◀◀ )

**3** Indicates the time lagging behind the live broadcast (DVR reviewing)

**4** Indicates the total recorded time

The progress bar will hide automatically after 3 seconds. Press **DISPLAY** button to display the DVR Time Shift progress bar again.

### Using the remote control
You can shift playback to any point within the recorded programme.
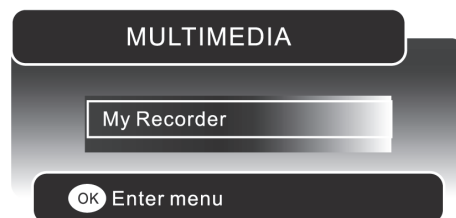
| | |
|---|---|
| ◀◀ or ▶▶ | When playing,<br>• press the ◀◀ button repeatedly to speed up ◀◀ x 2 / x 4 / x 8 / x 16 / x 32.<br>• press the ▶▶ button repeatedly to speed up ▶▶ x 2 / x 4 / x 8 / x 16 / x 32.<br>• During fast forward / fast backward state, press the ▶❚❚ button to return to normal playback. |
| ❚◀◀ or ▶▶❚ | • Press the ▶▶❚ button to jump about 10% forward.<br>• Press the ❚◀◀ button to jump about 10% back. |
| ▶❚❚ | • During playback, press the ▶❚❚ button to display a still screen and then press the ▶❚❚ button again to resume playback.<br>• During playback, press the ▶❚❚ button and then the ▶▶ button for slow motion.<br>• During fast forward / fast backward state, press the ▶❚❚ button to return to normal playback. |
| ■ | If you want to exit the DVR Time Shift progress bar and return to the current live broadcast, press the ■ button. |

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# Recording DTV Programme to USB Storage Device

Use this function to record the DTV programme you are watching on the main screen and save them for future viewing.
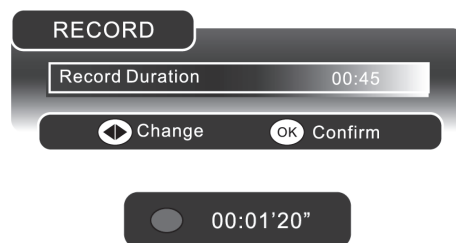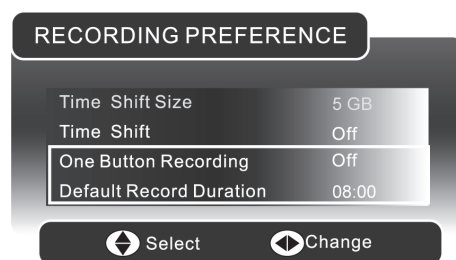
You may use the DVR Time Shift function during recording to view the recorded programme instantly. Please refer to the section "Time Shift Function" for detail.

1. Press the **SOURCE** button and select DTV mode, then press the **MEDIA** button.
2. Press the **OK** button to select **My Recorder** to enter the DVR SETUP menu.
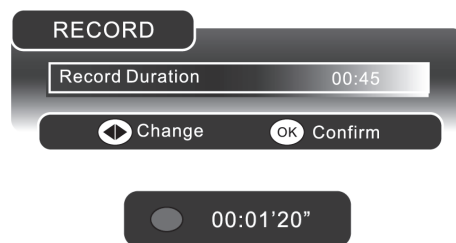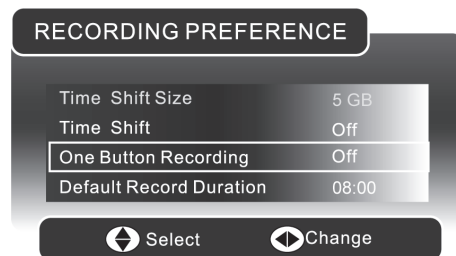3. In the DVR SETUP menu, press the ▲▼ buttons and the **OK** button to select **Recording Preference**.

```
┌─────────────────────────────┐
│        MULTIMEDIA           │
│                             │
│    ┌──────────────────┐     │
│    │  My Recorder     │     │
│    └──────────────────┘     │
│                             │
│   OK  Enter menu            │
└─────────────────────────────┘
```

## Method 1

1. Press the ▲▼ buttons to select **One Button Recording** and set it to On.

```
┌─────────────────────────────────┐
│  RECORDING PREFERENCE           │
│                                 │
│  Time  Shift Size      5 GB     │
│  Time  Shift           Off      │
│  One Button Recording  Off      │
│  Default Record Duration  08:00 │
│                                 │
│      Select       Change        │
└─────────────────────────────────┘
```

2. Press the ▼ button to set the **Default Record Duration** (preset configuration). Press the ◄► buttons to set the record duration. The longest record duration is 8 hours, the shortest record duration is 15 minutes.
3. Press the **EXIT** button to exit the menu and back to main screen that you are watching.
4. Press the **REC** button on the remote control to start recording. The current recording status will be displayed in the top left hand corner of the screen.
5. To stop recording, press the ■ button and press the **OK** button to confirm.

```
┌─────────────────────────────────┐
│  RECORD                         │
│                                 │
│  Record Duration       00:45    │
│                                 │
│    Change      OK  Confirm      │
└─────────────────────────────────┘

        ●  00:01'20"
```

## Method 2

1. If the **One Button Recording** is set to Off.

```
┌─────────────────────────────────┐
│  RECORDING PREFERENCE           │
│                                 │
│  Time  Shift Size      5 GB     │
│  Time  Shift           Off      │
│  One Button Recording  Off      │
│  Default Record Duration  08:00 │
│                                 │
│      Select       Change        │
└─────────────────────────────────┘
```

2. While you are watching on the main screen, press the **REC** button on the remote control. Press the ◄► buttons to set the record duration. The Record Duration menu will be displayed. The longest record duration is 8 hours, the shortest record duration is 15 minutes.
3. Press the **OK** button to confirm and start recording. The current recording status will be displayed in the top left hand corner of the screen.
4. To stop recording, press the ■ button and press the **OK** button to confirm.

```
┌─────────────────────────────────┐
│  RECORD                         │
│                                 │
│  Record Duration       00:45    │
│                                 │
│    Change      OK  Confirm      │
└─────────────────────────────────┘

        ●  00:01'20"
```
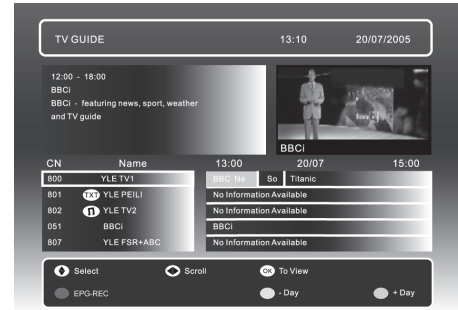
⚠ Recording will stop automatically when the disk is full.

# Timer Programming

This function is used to perform scheduled recording.

1.  Press the **EPG** button on the remote control . The **EPG** menu will appear.

TV GUIDE                                    13:10        20/07/2005

12:00 - 18:00
BBCi
BBCi - featuring news, sport, weather
and TV guide

BBCi

| CN | Name | 13:00 | 20/07 | 15:00 |
|---|---|---|---|---|
| 800 | YLE TV1 | BBC No | So | Titanic |
| 801 | YLE PEILI | No Information Available | | |
| 802 | YLE TV2 | No Information Available | | |
| 051 | BBCi | BBCi | | |
| 807 | YLE FSR+ABC | No Information Available | | |

Select         Scroll         To View
EPG-REC                                - Day            + Day

2.  Press the **RED** button on the remote control to enter the Timer Programming menu.

    TIMER PROGRAMMING          08:54        27/05/2008

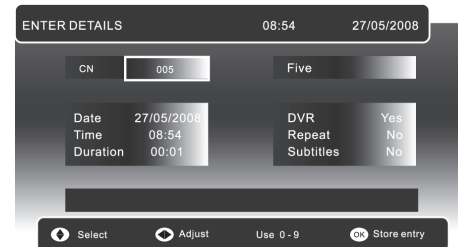    | CN | Service | Date | Start | Mins | Rep | Sub | DVR |
    |---|---|---|---|---|---|---|---|
    | 006 | ITV2 | 26/12 Fri | 10:10 | 20 | Day | Yes | Yes |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |
    | -- | ----- | --/-- -- | --:-- | -- | -- | -- | -- |

    Select         Delete         Edit entry

    ## ➡ Alternative

    1.  You may press the **MENU** button and then use the ▲▼ buttons to select the **DTV** menu and then press the ▶ button.

    2.  Press the ▲▼ buttons to select **TIMER-REC** and then press the ▶ button to enter the **TIMER PROGRAMMING** menu.
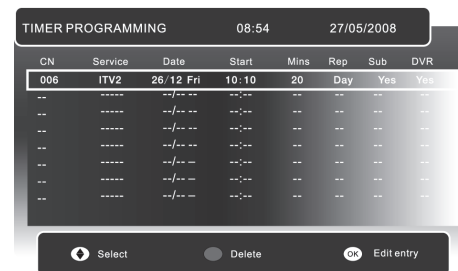
3.  Press the **OK** button to enter the **Enter Details** menu for recording setting.

    | CN | Input / Select the channel no. |
    |---|---|
    | **Date** | Set the recording date |
    | **Time** | Set the starting time of recording |
    | **Duration** | Set the duration of recording |
    | **DVR** | Set **YES** for programme recording and **NO** for programme reminder. |
    | **Repeat** | Set repeat function among Daily / Weekly / Mon-Fri / Mon-Sat / NO |
    | **Subtitles** | Set subtitles to be included during recording |

    ENTER DETAILS                  08:54        27/05/2008

    CN          005              Five

    Date     27/05/2008      DVR        Yes
    Time     08:54           Repeat     No
    Duration 00:01           Subtitles  No

    Select      Adjust      Use 0 - 9      Store entry

4.  Press the ▲▼ buttons to select CN / Date / Time / Duration / DVR / Repeat.

5.  Press the ◀▶ buttons for adjustment.

6.  Press the **OK** button to save the setting.

    ⚠ If a programme recording starts when the TV is in standby mode, the green LED indicator will illuminate.

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# Using the Build-in DVD Player

1. Press the **SOURCE** button and select **DVD** mode.

2. Insert a disc with label side facing backward to you. (CD-R, CD-RW, DVD-R, DVD-RW, CD, DVD+R, or DVD+RW). Allow 10 seconds for the player to load the disc.

3. After the disc is inserted, Smart NAVI will show the content of the disc automatically.

4. If the DVD player does not automatically play the disc, press the ▶❚❚ button on the remote control to start playing.

5. Press the ⏏ button if you want to remove the disc.
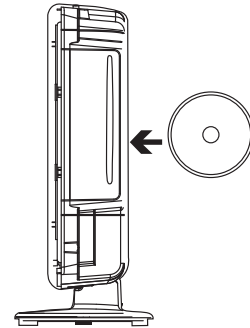
⚠ Only insert 12cm discs. Do not insert or play 8cm discs. They will get stuck.

# Compatible Disc Types

| Disc Types | Disc Logo | Recorded Content |
|---|---|---|
| DVD-VIDEO (Digital Versatile Disc) | *DVD* VIDEO | AUDIO + VIDEO |
| DVD±RW (Audio/Video format or JPEG files) | RW DVD+ReWritable | AUDIO + VIDEO + JPEG |
| DVD±R (DVD Recordable - Audio/Video format or JPEG files) | RW DVD+R | AUDIO + VIDEO + JPEG |
| CD-R (CD Recordable - Audio/Video format or JPEG files) | COMPACT disc Recordable | AUDIO + VIDEO + JPEG |
| CD-RW (CD-Rewritable - Audio/Video format or JPEG files) | COMPACT disc Rewritable | AUDIO + VIDEO + JPEG |
| AUDIO-CD (Compact Disc Digital Audio) | COMPACT disc DIGITAL AUDIO | AUDIO |

## Supported Formats

### JPEG

• The file extensions has to be .jpg and not .jpeg

• Pictures encoding must comply with JPEF/ISO format.

• This DVD player can only display DCF-standard still pictures or JPEG pictures such as TIFF.

⚠ Maximum 100 sessions for CD and 10 multi border for DVD are supported.
Only finalised discs of DVD-R and DVD-RW multi-border can be supported.
Both finalised and un-finalised discs of DVD+R and DVD-RW multi-border are not supported.
Some recorded files may not be able to be played due to the type and format of disc or condition of the recording.

## Region Code

Both the DVD player and the discs are coded by region. These regional codes must match in order to play the disc. If the codes do not match, the disc will not play.

The Region Number for this DVD player is described on the rear panel of the DVD player.

| Disc Type | DVD-VIDEO |
|---|---|
| Region code | 🌐2 |

# Basic DVD Playback Functions

## Playing the DVD

Depending on the disc, a menu may appear on the TV screen once the disc has loaded. When playing the disc, you may use the ▶❙❙ button to toggle between Play and Pause mode. This product also supports Menu / Title / Sequential / Program Playback.

## Menu Playback (for DVD)

Press the **DVD MENU** button.
For DVD discs, the screen will display the DVD Disc Menu (Root Menu).
Press the **OK** button or the ▶❙❙ button to start from the highlighted content.
Return to the Root Menu when playing the disc.
For DVD discs, press the **DVD MENU** button or **TITLE** button to display the Disc Menu.

## Stopping Playback

Press the ■ button once to stop. Press the ▶❙❙ button to resume from where you stopped.
Press the ■ button twice to stop. Press the ▶❙❙ button to start from beginning.
In order to protect the disc, press the ■ button then press the ⏏ button to take the disc out. When the disc is ejected, hold the disc edge slightly and take it from the eject direction to prevent scratch.
When not using the DVD function (in stand-by-mode or using others modes for a long time), please take out the disc to protect the DVD loader and the disc.

## Previous / Next (for DVD / CD / JPEG discs)

Press the ❙◀◀ button to play the last Title / Chapter / Track.

Press the ▶▶❙ button to play the next Title / Chapter / Track.

⚠ If the current track is the first one, pressing the ❙◀◀ button will stop the playback.
If the current track is the last one, pressing the ▶▶❙ button sill stop the playback.

For DVD discs, the above functions may very due to different DVD disc's structure.

## Forward / Backward (for DVD / CD / JPEG discs)

There are 4 speeds for forward. Press the ▶▶ button to toggle between different forward options in sequence. (FORWARD x 2 / FORWARD x 4 / FORWARD x 8 / FORWARD x 20 / Play).
Press the ▶❙❙ button to resume normal speed.
For DVD discs, when selecting backward to first title / chapter, the disc will start from the beginning.

⚠ The sound will be off during Forward or Backward.

## Pause (for DVD / CD / JPEG files)

- For CD / JPEG discs, press the ▶❙❙ button to pause; press the ▶❙❙ button again to resume.

- For DVD, press the ▶❙❙ button to pause; press the ▶❙❙ button again to resume.

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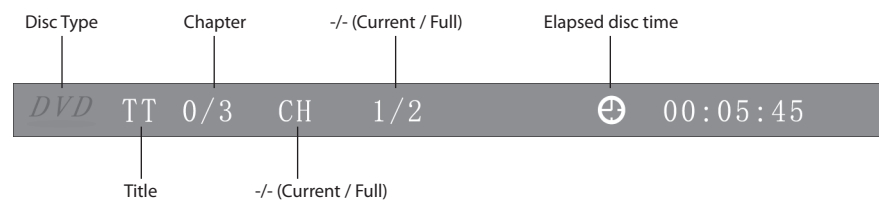
## Repeat (for DVD / CD / JPEG discs)

Press the **REPEAT** button once to display the current repeat mode.

- For CD disc, while playing in sequence, you may use the repeat playback. There are 2 repeat modes, press the **REPEAT** button to toggle between different repeat modes in sequence. (REPEAT (OFF) / REPEAT (1) / REPEAT (ALL)).

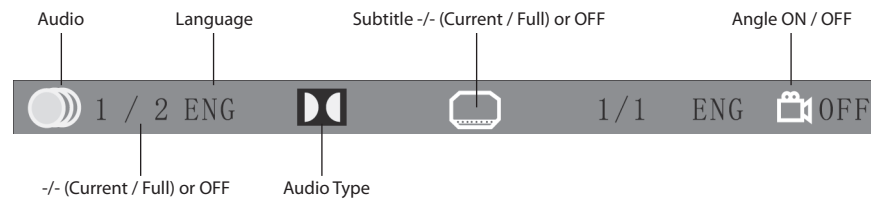- For DVD discs, you may setup the repeat playback mode. There are 3 repeat modes, press the **REPEAT** button to toggle between different repeat modes in sequence. (REP: (OFF) / REP: (CHAPTER) / REP: (TITLE) / REP: (ALL)).

- For JPEG discs, while playing the disc, you may use the repeat playback. There are 3 repeat modes, press the **REPEAT** button to toggle between different repeat modes in sequence. (REPEAT (OFF) / REPEAT (1) / REPEAT (DIR) / REPEAT (ALL)).

## Info (for DVD / CD / JPEG discs)

Press the **INFO** button to activate the on screen roll-down menu for the current Title, Chapter, Time and other information.

For DVD discs, press the **INFO** button once to display the first page as shown below:

Disc Type      Chapter      -/- (Current / Full)      Elapsed disc time

*DVD*   TT   0/3   CH   1/2      ⊕   00 : 05 : 45

Title      -/- (Current / Full)

Press the **INFO** button again to display the second page as shown below:

Audio      Language      Subtitle -/- (Current / Full) or OFF      Angle ON / OFF

1 / 2 ENG      1/1   ENG   OFF

-/- (Current / Full) or OFF      Audio Type

Press the **INFO** button repeatedly to turn off the on screen display.

For CD / JPEG discs, press the **INFO** button once to display first page: Disc type, Track -/- (Current / Full), Mute status, Repeat mode status, Current track time.

Press the **INFO** button repeatedly to turn off the screen display.

## Goto (for DVD / CD / JPEG discs)

This function allows you to play your favorite Title / Chapter / Track. Press the **GOTO** button to activate the on screen scroll-down menu for selecting. Input your Title / Chapter / Track number by **0-9** buttons or input the playback time. After editing, press the **OK** button to start. If the input is invalid, it will not function.

## Audio (for DVD / CD)

Press the **AUDIO** button once to display current audio mode.

Press again to toggle between different audio modes in sequence.

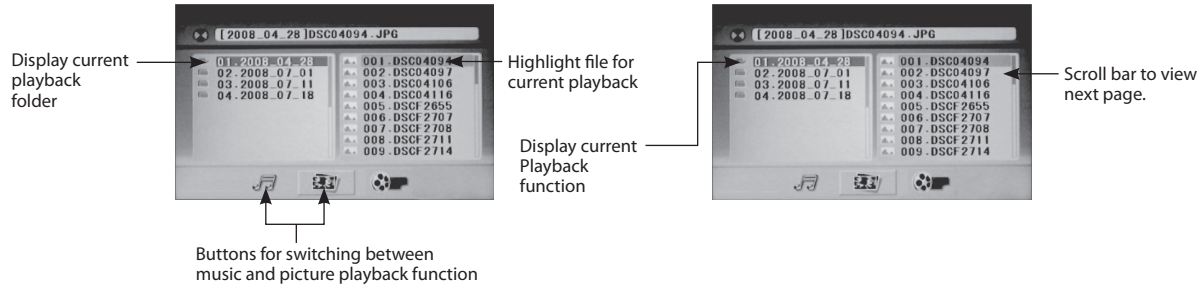For CD discs: STEREO / MONO L / MONO R / MIX MONO

⚠   Some disc may contain multi-languages which can be selected by pressing the **AUDIO** button.

## Repeat A-B (for DVD / CD)

When playing DVD, CD disc, press the **A-B** button to repeat certain content. Press the **A-B** button on the start point (A) and the end point (B) to select the repeat part. Press the **A-B** button a third time to cancel the **A-B** button function and return to normal play.

# Playing JPEG Discs

After loading the JPEG disc, it will start to scan for the stored JPEG folders. The JPEG contents will display automatically and the first file (highlighted file) will start to play. Screen as follow:

Display current playback folder

[ 2008_04_28 ]DSC04094.JPG

Highlight file for current playback

Display current Playback function

Buttons for switching between music and picture playback function

Scroll bar to view next page.

Use the ▲◄►▼ buttons to check your favourite folder and playback the first file or move to your favourite file.

Press the ◄► buttons to move the highlight to folders, documents or mode selection.

When playing or pausing with picture playback, you may use the ▲◄►▼ buttons to flip / rotate the picture.

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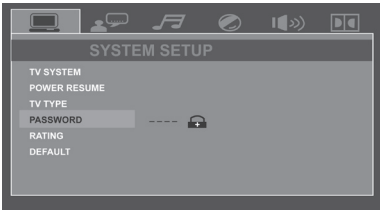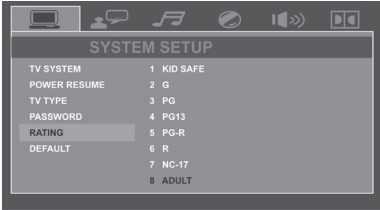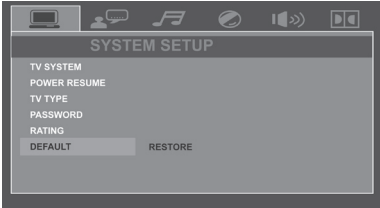Using the DVD Features

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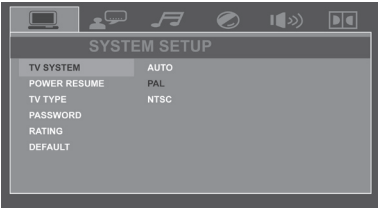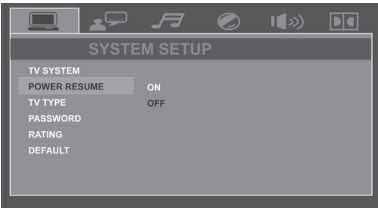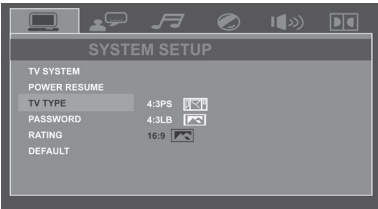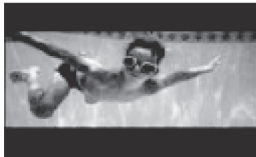
# Using the DVD System Setup Page

In the DVD mode, press the **DVD SETUP** button on the remote control. Press the ◀▶ buttons to select the **System Setup** menu, and the ▲▼ buttons to select the menu options. Press the **DVD Setup** button to exit the menu.

⚠ In Setup mode, the disc playback function will not be available.

| | Option | Description |
|---|---|---|
| ![SYSTEM SETUP menu - TV SYSTEM: AUTO, POWER RESUME: PAL, TV TYPE: NTSC, PASSWORD, RATING, DEFAULT] | **TV SYSTEM** | In order for the disc to play, the colour system of the DVD player, disc and TV should match. |

**NTSC**
This format is used by some other counries, e.g. USA.

**PAL**
This is the format used in UK.

**AUTO**
This format can be used if your TV / DVD is capable of both PAL and NTSC formats and this is the default setting.

⚠ PAL format is generally used for TV's in the UK. If NTSC is selected with a non-compatible television, you may experience interference or picture scrolling.

| | Option | Description |
|---|---|---|
| ![SYSTEM SETUP menu - POWER RESUME: ON, OFF] | **POWER RESUME** | **POWER RESUME**<br>When the player stops or the picture becomes motionless for a couple of minutes, there will be a screen saver to prevent damage to the display screen.<br><br>**ON**:  To activate screen saver.<br><br>**OFF**:  To disable screen saver. |

| | Option | Description |
|---|---|---|
| ![SYSTEM SETUP menu - TV TYPE: 4:3PS, 4:3LB, 16:9] | **TV TYPE** | **4:3 Pan Scan**<br>Widescreen picture shown in the full screen with some part cut. |

**4:3 Letter box**
Widescreen picture shown in the full screen with black bars on the top and bottom of the screen.

**16:9**
Widescreen picture shown in the full screen.

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| Option | Description |
|--------|-------------|
| PASSWORD | Input the factory default password "0000". |

| Option | Description |
|--------|-------------|
| RATING | **RATING**<br>Allows the user to set a maximum rating level for a movie that can be played (e.g. PG rating). Movies rated higher than the level set will not be played. The parental lock can only be changed after inputting the correct password.<br><br>⚠ This function is available only when the discs have ratings encoded on them. |

| Option | Description |
|--------|-------------|
| DEFAULT | **DEFAULT**<br>To restore all setup parameters to the factory settings EXCEPT the password.<br>This function is available in stop state or when the tray is opened. |

# Using the DVD Language Setup Page

In the DVD mode, press the **DVD SETUP** button on the remote control. Press the ◄► buttons to select the **Language Setup** menu, and the ▲▼ buttons to select the menu options. Press the **DVD Setup** button to exit the menu.

⚠ In Setup mode, the disc playback function will not be available.

| Option | Description |
|--------|-------------|
| OSD LANG | Set the OSD language to your language of choice.<br><br>⚠ Not all DVD discs support multiple OSD languages. |

| Option | Description |
|--------|-------------|
| AUDIO LANG | Set the audio language to your language of choice.<br><br>⚠ Not all DVD discs support multiple audio languages. |

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| Option | Description |
|---|---|
| SUBTITLE LANG | **SUBTITLE**<br>Select the Subtitle language.<br><br>⚠ Not all DVD offer subtitles in multiple languages. |

**LANGUAGE SETUP**

OSD LANGUAGE — ENGLISH
AUDIO LANG — GERMAN
SUBTITLE LANG — SPANISH
MENU LANG — FRENCH
ITALIAN
SWEDISH
DANISH
OFF

| Option | Description |
|---|---|
| MENU LANG | **DISC MENU**<br>Select the Disc Menu language.<br><br>⚠ The default language is English. |

**LANGUAGE SETUP**

OSD LANGUAGE — ENGLISH
AUDIO LANG — GERMAN
SUBTITLE LANG — SPANISH
MENU LANG — FRENCH
ITALIAN
SWEDISH
DANISH
NORWEGIAN

# Using the DVD Audio Setup Page

In the DVD mode, press the **DVD SETUP** button on the remote control. Press the ◀▶ buttons to select the **Audio Setup** menu, and the ▲▼ buttons to select the menu options. Press the **DVD Setup** button to exit the menu.

⚠ In Setup mode, the disc playback function will not be available.

| Option | Description |
|---|---|
| AUDIO OUT | **SPDIF OFF**<br>Set as default, there will be no digital audio signal output.<br><br>**SPDIF RAW**<br>Set as default, the digital audio signal output will be in RAW format. Normally, this mode is used for Dolby digital signal.<br><br>**SPDIF PCM**<br>Set as default, the digital audio signal output will be in PCM format. Normally, this mode is use for audio CD signal. |
| TONE | Adjust the tone setting. |

**AUDIO SETUP**

AUDIO OUT — SPDIF/OFF
KEY — SPDIF/RAW
SPDIF/PCM

**AUDIO SETUP**

AUDIO OUT
KEY
#
+4
+2
0
-2
-4
b

# Using the DVD Video Setup Page

In the DVD mode, press the **DVD SETUP** button on the remote control. Press the ◀▶ buttons to select the **Video Setup** menu, and the ▲▼ buttons to select the menu options. Press the **DVD Setup** button to exit the menu.

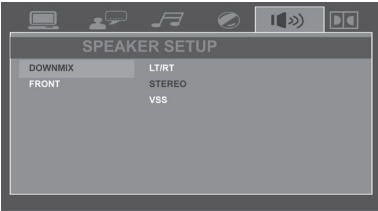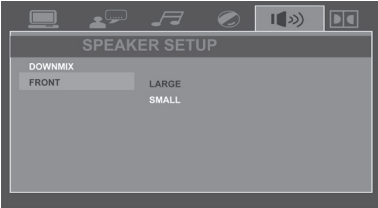⚠ In Setup mode, the disc playback function will not be available.

| | Option | Description |
|---|---|---|
| VIDEO SETUP<br>BRIGHTNESS ─ 12<br>CONTRAST ─ 10<br>HUE ─ 8<br>SATURATION ─ 6<br>SHARPNESS ─ 4<br>─ 2<br>─ 0 | **BRIGHTNESS** | **BRIGHTNESS**<br>Adjust the brightness setting. |
| VIDEO SETUP<br>BRIGHTNESS ─ 12<br>CONTRAST ─ 10<br>HUE ─ 8<br>SATURATION ─ 6<br>SHARPNESS ─ 4<br>─ 2<br>─ 0 | **CONTRAST** | **CONTRAST**<br>Adjust the contrast setting. |
| VIDEO SETUP<br>BRIGHTNESS +6<br>CONTRAST ─ +4<br>HUE ─ +2<br>SATURATION ─ 0<br>SHARPNESS ─ -2<br>─ -4<br>-6 | **HUE** | **HUE**<br>Adjust the hue setting. |
| VIDEO SETUP<br>BRIGHTNESS ─ 12<br>CONTRAST ─ 10<br>HUE ─ 8<br>SATURATION ─ 6<br>SHARPNESS ─ 4<br>─ 2<br>─ 0 | **SATURATION** | **SATURATION**<br>Adjust the saturation setting. |
| VIDEO SETUP<br>BRIGHTNESS<br>CONTRAST ─ 8<br>HUE ─ 6<br>SATURATION ─ 4<br>SHARPNESS ─ 2<br>─ 0 | **SHARPNESS** | **SHARPNESS**<br>Adjust the sharpness setting. |

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# Using the DVD Speaker Setup Page

In the DVD mode, press the **DVD SETUP** button on the remote control. Press the ◄► buttons to select the **Speaker Setup** menu, and the ▲▼ buttons to select the menu options. Press the **DVD Setup** button to exit the menu.

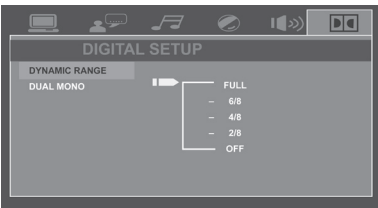⚠ In Setup mode, the disc playback function will not be available.

| | Option | Description |
|---|---|---|
| SPEAKER SETUP<br>DOWNMIX — LT/RT<br>FRONT — STEREO<br>VSS | **DOWNMIX** | **LT/RT**<br>Select this option when the DVD player is connected to external amplifier with Pro-Logic decoding function.<br><br>**STEREO**<br>Press the ▼ button to select the **STEREO**, and then press the **OK** button to confirm it.<br><br>**VSS**<br>Press the ▼ button to select the **VSS** (Virtual Surround Sound), and then press the **OK** button to confirm it. |
| SPEAKER SETUP<br>DOWNMIX<br>FRONT — LARGE<br>SMALL | **FRONT** | **LARGE**<br>Press the ▼ button to select the **LARGE**, and then press the **OK** button to confirm it.<br><br>**SMALL**<br>Press the ▼ button to select the **SMALL**, and then press the **OK** button to confirm it. |

# Using the DVD Dolby Digital Setup Page

In the DVD mode, press the **DVD SETUP** button on the remote control. Press the ◄► buttons to select the **Digital Setup** menu, and the ▲▼ buttons to select the menu options. Press the **DVD Setup** button to exit the menu.

⚠ In Setup mode, the disc playback function will not be available.

| | Option | Description |
|---|---|---|
| DIGITAL SETUP<br>DYNAMIC RANGE<br>DUAL MONO<br>FULL<br>6/8<br>4/8<br>2/8<br>OFF | **DYNAMIC RANGE** | When the dynamic range is set to FULL, the soft music will be automatically increase, and the loudness of the music will automatically decrease.<br>When the dynamic is set to OFF, the function will be disabled.<br><br>⚠ This setting is used to play Dolby Digital encode disc. This function is suitable to use at night. |

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| Option | Description |
| --- | --- |

**DIGITAL SETUP**
DYNAMIC RANGE
DUAL MONO
- STEREO
- MONO L
- MONO R
- MIX MONO

**DUAL MONO**

**STEREO**
The player will output both left channel and right channel audio.

**MONO L**
It means that the player will output left channel audio only.

**MONO R**
The player will output right channel audio only.

**MIX MONO**
The player will output the average signal of the left channel and right channel audio.

⚠ This setting is used to play Dolby AC-3 encoded 2 channel discs. This setting may not be adjustable for some discs.

# Maintenance

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

⚠ Be sure to switch off the ⏻ button and disconnect the mains cable from the mains socket before any cleaning.

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

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

3. Ensure there is no excess water on the screen. Allow any water or dampness to evaporate before switching the TV on.

⚠ Never use alcohol, benzine, paint-thinner, cleaning fluid or other chemicals. Do not use compressed air to remove dust.
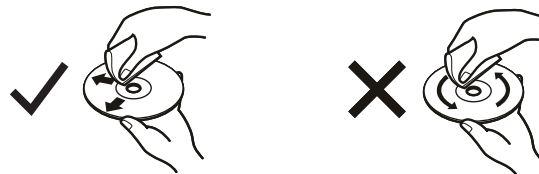
## Handling Discs

• Do not touch the playback side of the disc.

• Do not attach paper or tape to disc.

Playback side
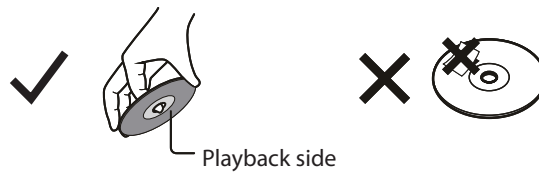
## Cleaning Discs

• Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.

• If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.

• Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray. They may damage the disc.

## Storing Discs

• Do not store discs in places subject to direct sunlight or near heat sources.

• Do not store discs in places subject to moisture and dust such as a bathroom or near a humidifier.

• Storing discs vertically in a case, stacking discs or placing objects on discs outside of their cases may cause warping.

# Hints and Tips

If a problem does occur, it may often be due to something very minor. The following table contains various tips.

| The TV does not operate properly. | |
| --- | --- |
| **The remote control does not work** | • Check to see if there is any objects between the TV and the remote control causing an obstruction. Ensure you are pointing the remote control directly at the TV.<br>• Ensure that the batteries are installed with correct polarity (+ to +, - to -).<br>• Ensure that the correct remote operating mode is set: DVD, AV etc.<br>• Install new batteries. |
| **Power is suddenly turned off** | • Check the power of the TV. Has the mains supply been interrupted.<br>• Check if the sleep timer is set.<br>• Check whether the Auto Sleep is activated. |

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

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

| Password | |
| --- | --- |
| **Lost password** | • Select the Parent settings on the settings screen, then enter the following master password "**8899**". The master password clears your previous password and allows you to enter a new password. |

| The DVR function does not work. | |
| --- | --- |
| **One button recording / timer programming does not work** | • Check the power or the TV. Has the mains supply been interrupted.<br>• Check the connection of the external USB storage device.<br>• Check if the capacity of the USB storage device is full. |

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

| The DVD function does not work. | |
|---|---|
| **DVD will not read the disc** | • Check if the disc is correctly inserted.<br>• Check if there is any oil sludge on the disc.<br>• Check if there is any obvious damage on the disc.<br>• Try to play the disc on another DVD to check whether it is has contents. |
| **DVD does not have the signal** | • Check whether it is in DVD source signal. |

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

# Display Modes

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

If the signal from the system equals the standard signal mode, the screen will adjust automatically. If the signal from the system is not equal to the standard signal mode, adjust the screen resolution by referring to your Video Card's user guide, otherwise there may be no video.

## YPbPr Mode

| Resolution | Vertical Frequency (Hz) | Aspect Ratio |
|---|---|---|
| 480P: 720 x 480 | 60 | Full, 4:3 |
| 480I: 720 x 480 | | Full, 4:3 |
| 576P: 720 x 576 | 50 | Full, 4:3 |
| 576I: 720 x 576 | | Full, 4:3 |
| 720P: 1280 x 720 | 50 | Full, 4:3 |
| | 60 | |
| 1080I: 1920 x 1080 | 50 | Full, 4:3 |
| | 60 | Full, 4:3 |

## PC Mode

| Resolution | Vertical Frequency (Hz) | Aspect Ratio |
|---|---|---|
| 640 x 480 | 60 | Full, 4:3 |
| 800 x 600 | 60 | Full, 4:3 |
| 1024 x 768 | 60 | Full, 4:3 |
| 1360 x 768 | 60 | Full, 4:3 |

## HDMI Mode

| Resolution | Vertical Frequency (Hz) | Aspect Ratio |
|---|---|---|
| 480P: 720 x 480 | 60 | Full |
| 480I: 1440 x 480 | 60 | Full |
| 576P: 720 x 576 | 50 | Full |
| 576I: 1440 x 576 | 50 | Full |
| 720P: 1280 x 720 | 50 | Full |
| | 60 | |
| 1080I: 1920 x 1080 | 50 | Full |
| | 60 | |
| 1080P: 1920 x 1080 | 50 | Full |
| | 60 | |

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# Specification

| Model | CFD1571 | CFD1971 | CFD2271 |
|---|---|---|---|
| Panel System | 15.6 inch LCD panel | 18.5 inch LCD panel | 21.6 inch LCD panel |
| Display Resolution | 1366 pixels (horizontal) x 768 pixels (vertical) | 1366 pixels (horizontal) x 768 pixels (vertical) | 1920 pixels (horizontal) x 1080 pixels (vertical) <br><br> 1366 pixels (horizontal) x 768 pixels (vertical) (For model CFD2271A only) |
| Television System | PAL I/BG/DK, SECAM L/BG/DK | PAL I/BG/DK, SECAM L/BG/DK | PAL I/BG/DK, SECAM L/BG/DK |
| Brightness | 200-250 cd/m$^2$ | 200-250 cd/m$^2$ | 250-300 cd/m$^2$ |
| Contrast Ratio | 350-500:1 | 600-1000:1 | 700-1000:1 |
| Inputs/Output | | | |
| SCART | 1 | 1 | 1 |
| HDMI | 1 | 1 | 1 |
| PC/VGA IN | 1 | 1 | 1 |
| PC AUDIO IN | 1 | 1 | 1 |
| YPbPr | 1 | 1 | 1 |
| CI | 1 | 1 | 1 |
| USB | 1 | 1 | 1 |
| AUDIO IN (RCA) | 1 (L + R) | 1 (L + R) | 1 (L + R) |
| RF IN | 1 | 1 | 1 |
| Speaker Power | 3 W + 3 W | 3 W + 3 W | 3 W + 3 W |
| Head phone (3.5mm) | 1 | 1 | 1 |
| Power Source | AC 230V-240V~50/60 Hz | AC 230V-240V~50/60 Hz | AC 230V-240V~50/60 Hz |
| Dimension( W x D x H) with base | 392 x 135 x 318 mm | 457 x 175 x 340 mm | 525 x 175 x 377 mm |
| Weight (Net) | 3.1 Kg | 4.5 Kg | 5.1 Kg |

Features and Specifications are subject to change without notice.

| If you require a replacement for any of the items listed below, please quote their corresponding part numbers: | |
|---|---|
| **Replacement Part** | **Part Number** |
| Remote Control | GBIP5.018.3030RS/RH |
| Batteries (x2) | QT600RS/RH |
| Instruction Manual | GBIP2.025.3411SSRS/RH |
| Quick Start Guide | GBIP8.812.3146RS/RH |

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Calls charged at National Rate.

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.

**Notes for battery disposal**

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, disposal of used batteries according to your local laws or regulations. Do not dispose of batteries with the normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.

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