

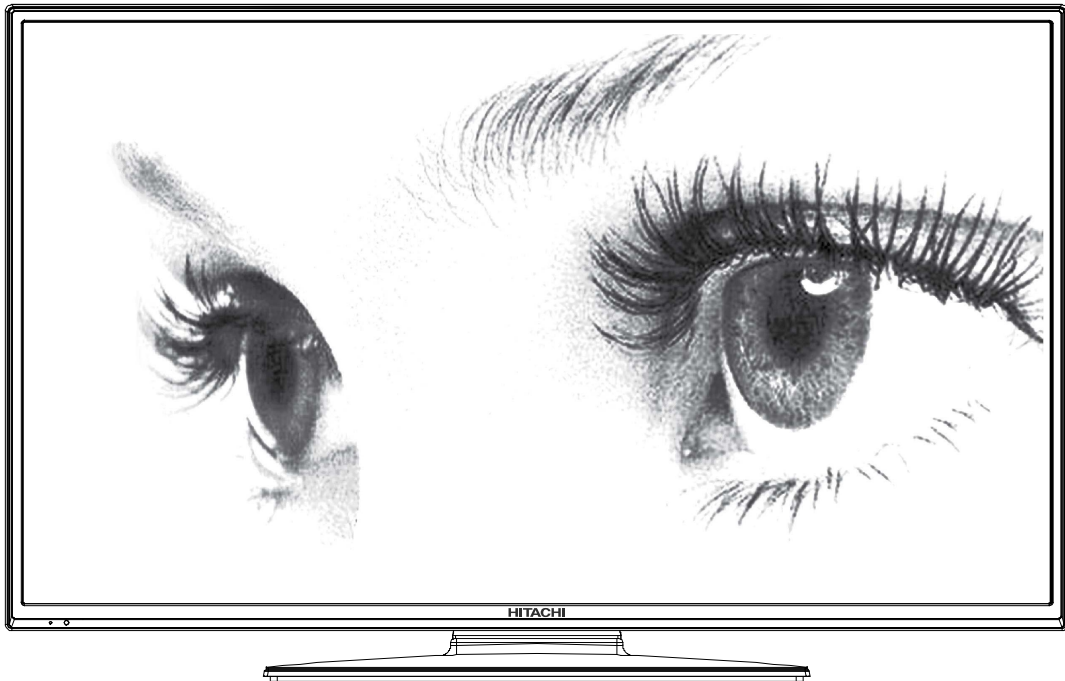
# INSTRUCTION MANUAL

**HITACHI**  
Inspire the Next

## 40" Colour TV

### 40HBD06U

444-7889



**DVB**<sup>®</sup>  
Digital Video  
Broadcasting

**HDMI**<sup>™</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**FULL HD 1080**

**Freeview**

**dts**<sup>®</sup>  
TruSurround

Important - Please read these instructions fully before installing or operating and keep for future reference.

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

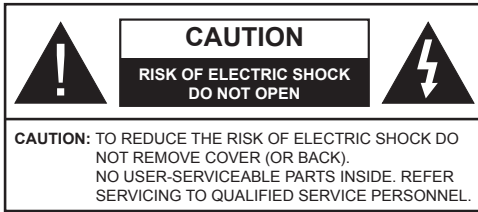
**For any help concerning set up and use of your TV please call the  
Customer Helpline: 0345 604 0105**

Lines open: 9am - 8pm Monday to Saturday and 10am - 4pm Sunday

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## Safety Information



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 product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock of persons.



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 literature accompanying the appliance.

**Don't operate your TV in extreme ambient conditions as this may cause damage to your TV..**

*Note : Follow the on screen instructions for operating the related features.*

## **IMPORTANT - Please read these instructions fully before installing or operating**

### Preparation

Place the device on a solid even surface. For ventilation, leave a free space of at least 10 cm all around the set. To prevent any fault and unsafe situations, do not place any objects on top of the set. Use this device in moderate climates.

Operation temperature and operation humidity: 5°C up to 45°C, 85% rel. humidity max. (not blocking ventilation openings).

### Intended Use

This device is used to receive and display TV programmes. The different connection options make an additional expansion of the reception and display sources possible (various external devices). This device is only suitable for dry interior use. This appliance is intended solely for private domestic use and may not be used for industrial and commercial purposes. We exclude liability in principle, if the device is not used as intended, or unauthorized modifications have been made. To operate your LCD TV in extreme ambient conditions may cause the damage of the device.

**This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.**

**Children may not recognize dangers. The swallowing of batteries can be fatal. Keep batteries always out of reach of small children. If a battery is swallowed, seek immediate medical attention. Keep the packaging films out of reach of children, there is a risk of suffocation.**

\*\*\*\*\*

**Please read the following recommended safety precautions carefully for your safety.**

### **SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT**

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

\*\*\*\*\*

**DO** read the operating instructions before you attempt to use the equipment.

**DO** ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

**DO** consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

**DO** be careful with glass panels or doors on equipment.

**DO** route the mains lead so that it is not likely to be walked on, crushed, chafed, or subjected to excessive wear and tear or heat.

\*\*\*\*\*

**DON'T** remove any fixed cover as this may expose dangerous voltages.

**DON'T** obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

**DON'T** allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.

**DON'T** place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

## Safety Information

**DON'T** use makeshift stands and **NEVER** fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

**DON'T** use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

**DON'T** listen to headphones at high volume, as such use can permanently damage your hearing.

**DON'T** leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

**DON'T** continue to operate the equipment 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.

### ABOVE ALL


--- **NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;**

--- **NEVER guess or take chances with electrical equipment of any kind**

--- **it is better to be safe than sorry!**

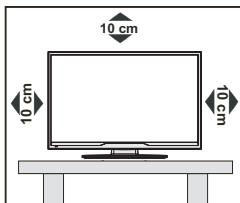
### Power source

• The TV should be operated only from a 220-240 V AC, 50 Hz outlet.

•  **Warning:** Do not leave your TV in standby or operating mode when you leave your house.

### Positioning the TV



• For ventilation, please leave a clear space of at least 10cm all around the TV.



- **Do not** block the ventilation openings.
- **Do not** place the TV on sloping or unstable surfaces, the TV may tip over.
- To prevent damage to the TV, **do not** place any objects on top of the TV.

- Only use the TV in moderate climates.

### Power cord and plug

- Do not place the set, a piece of furniture, etc. on the power cord (mains lead) or pinch the cord. Handle the power cord by the plug. Do not unplug the appliance by pulling from the power cord and never touch the power cord with wet hands as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be placed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electric shock. When it is damaged and needs to be replaced, it should be done by qualified personnel.
- This TV receiver is supplied with a moulded mains plug. The mains plug must not be cut off, as it may contain a special radio interference filter, the removal of which could lead to impaired performance. If you wish to extend the lead, obtain an appropriate safety approved extension lead or consult your dealer.
- Observe the manufacturers instructions when connecting extension leads to the set. Check the fuse rating on the new plug; this should be fitted with a 5 Amp fuse which conforms to either ASTA or BSI (BS1362) approvals, these are easily identifiable by either the  or  symbols. If you are in any doubt about the installation of an extension lead, please consult a competent electrician.

### Moisture and Water

- **Do not** use this TV in a humid or damp place (avoid bathrooms, the sink in the kitchen, and near the washing machine).
- **Do not** expose this TV to rain or water, as this may be dangerous.
- **Do not** place objects filled with liquids, such as flower vases, on top of the TV. Avoid from dripping or splashing.
- If any solid object or liquid falls into the cabinet, unplug the TV and have it checked by qualified personnel before operating it any further.



### Ventilation

- The slots and openings on the TV set are intended for ventilation and to ensure reliable operation.
- To prevent overheating, these openings must not be blocked or covered in anyway.

## Safety Information

### Heat sources and Flames

- **Do not** expose the TV to direct sunlight or other heat sources.
- The TV should not be placed near to open flames and sources of intense heat such as an electric heater.
- Ensure that no open flame sources, such as lighted candles, are placed on top of the TV.

### Headphone Volume

- Excessive sound pressure from earphones and headphones can cause hearing loss, please take care.



### Wall Mounting (optional)

- To prevent injury, this TV must be securely attached to the wall in accordance with the installation instructions (if the option is available).


### LCD Screen

- Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect the performance of your product.
- Take care not to scratch the screen with fingernails or other hard objects.

### Cleaning


- Before cleaning, unplug the TV from the wall socket.
- **Do not** use liquid or aerosol cleaners. Only use a soft, dry cloth.

### Batteries

-  **Warning:** Incorrect installation of batteries may cause battery leakage and corrosion, resulting in damage to the remote control.



- **Do not** mix old and new batteries, or batteries of different types.
- **Do not** dispose of batteries in a fire.
- **Do not** dispose of batteries with normal household waste, take to a local recycling centre.

 **CAUTION:** Insert the batteries / rechargeable batteries in the correct polarity. Don't try to recharge non rechargeable batteries and under no circumstances throw them into fire. Danger of explosion. Do not use unequal batteries (old and new, Alkaline and carbon, etc.) simultaneously. If you will not use the device for a long time, remove the batteries and store the device in a dry and dust free place. Improper use of batteries may cause an explosion or leakage. If the batteries have leaked, use gloves and clean the appliance thoroughly with a dry cloth! Batteries should not be exposed to heat, such as sunshine, fire or the like.

### Replacement Parts

When replacement parts are required, make sure that the service technician has used replacement parts, which are specified by the manufacturer or have the same specifications as the original one. Unauthorised substitutions may result in fire, electrical shock or other hazards.

### Taking out of service and storing

Unplug the TV from the mains and pack the TV in an appropriate cardboard box. Remove the batteries from the remote control and pack the remote control with the TV set.



**NOTE:** The TV set should be stored in a dry and dust-free room.

## Safety Information

### Connection to a Television Distribution System (Cable TV etc.) from Tuner

Device connected to the protective earthing of the building installation through the mains connection or through other apparatus with a connection to protective earthing-and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard.

Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11).

### Symbols in this Instruction Book

The following symbols are used in the Instruction Book as a marker for restrictions and precautions and safety instructions. Note such information for security reasons.

#### **WARNING**


If you do not pay attention to such a marked warning, it can cause serious injury or death. Note these warnings strictly, in order to ensure a safe operation.

#### **CAUTION**

Such a precaution is marked, you should take up or note, to avoid injury or property damage. Note these instructions strictly, in order to ensure a safe operation.

#### **IMPORTANT**

Warnings on the appliance and restrictions are displayed like this. Read this information strictly in order to operate the system correctly and avoid damage.

 **NOTE:** Information about the operation and additional explanations are marked like this. To be aware of such information is recommended to ensure that the functions can be used optimally.

The illustrations and the OSD in this operation manual are for explanation purposes and may vary slightly from the actual operations.

### CAUTION

Do not put your fingers in the middle between the TV and stand, especially when you carry the TV, as they may be injured.

Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect the performance of your product. Take care not to scratch the screen with fingernails or other hard objects.

Technical experts are available 7 days a week

- **Simple help and advice on setting up your digital equipment (image).**
- **Guidance on connecting other devices to your television such as a DVD player, Sky, home cinema system or a games console.**
- **Order spare parts, including that lost remote control.**
- **Any other technical issues you may need assistance with.**

**Call us today: 0345 604 0105**

Local call rates applies\*

**Lines open 9am-8pm Monday to Saturday and 10am-4pm Sunday**

\*Calls to Argos enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see [www.bt.com/pricing](http://www.bt.com/pricing) for details.

For Security and training purposes, telephone calls to and from customer service centres maybe recorded and monitored. Calls from Republic of Ireland will attract international call charges.

## Getting Started

### Notifications & Features & Accessories

#### Environmental Information

This television is designed to consume less energy to help save the environment. To reduce energy consumption, you should take the following steps:

If you set the Power Save Mode as **Eco**, the TV will switch to energy-saving mode. The Power Save Mode settings can be found in the 'Picture' section of the Main Menu. Note that some picture settings will be unavailable to be changed.

If **Picture Off** is selected, "Screen will be off in 3 seconds." message will be displayed. Select **PROCEED** and press **OK** to continue. The screen will be off immediately.

When the TV is not in use, please disconnect the TV from the mains socket. This will also reduce energy consumption.

#### Standby Notifications

1. If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, the TV will go into standby. When you next switch-on, the following message will be displayed: "**Standby Cause No Signal**" Press **OK** to continue.
2. If the TV has been left on and not been operated for a while, the TV will go into standby. When you next switch-on, the following message will be displayed. "**Standby Cause No Operation**" Press **OK** to continue.

### Features

- Remote controlled colour LCD TV.
- Fully integrated digital TV (DVB-T)
- HDMI inputs are for connecting a device that has a HDMI socket.
- USB input.
- OSD menu system.
- Scart socket for external devices (such as DVD Players, PVR, video games, etc.)
- Stereo sound system.
- Teletext.
- Headphone connection.
- Automatic programming system.
- Manual tuning.
- Automatic power down after up to six hours.
- Sleep timer.
- Child lock.
- Automatic sound mute when no transmission.
- NTSC playback.
- AVL (Automatic Volume Limiting).
- PLL (Frequency Search).
- PC input.
- Plug&Play for Windows 98, ME, 2000, XP, Vista, Windows 7, Windows 8.
- Game Mode.

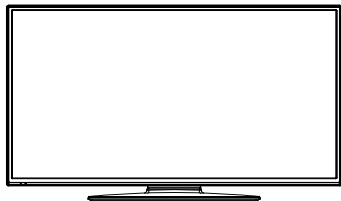
### Accessories Included

- Remote Control
- Batteries: 2 x AAA
- Instruction Book
- Quick Start Guide
- Stand assembly, screws and instructions

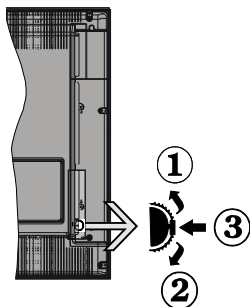


## Getting Started

### Control Buttons on the TV



### TV Control Switch & Operation



1. Up direction
2. Down direction
3. Programme/Volume / AV / Standby-On selection switch

The Control button allows you to control the Volume/ Programme/ Source and Standby-On functions of the TV.

To change volume: Increase the volume by pushing the button up. Decrease the volume by pushing the button down.

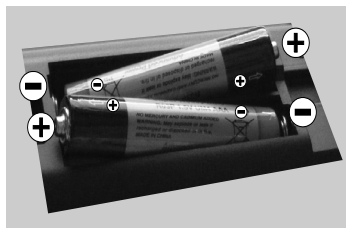
To change channel: Press the middle of the button, the channel information banner will appear on screen. Scroll through the stored channels by pushing the button up or down

To change source: Press the middle of the button twice, the source list will appear on screen. Scroll through the available sources by pushing the button up or down.

To turn the TV off: Press the middle of the button inward and hold it down for a few seconds, the TV will turn into standby mode.

### Inserting the Batteries into the Remote

Lift the cover on the back of the remote upward gently. Install two **AAA** batteries. Make sure to match the + and - ends of the batteries in the battery compartment (observe the correct polarity) Replace the cover.

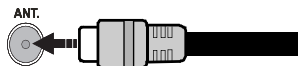


### Connect Power

**IMPORTANT:** The TV set is designed to operate on **220-240V AC, 50 Hz** socket. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet.

### Antenna Connection

Connect the "aerial" plug to the **AERIAL INPUT (ANT)** socket located on the back of the TV.



## Getting Started

### Notification

"HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."



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



### Specification

|  |   |
|--|---|
| <b>TV Broadcasting</b>                               | PAL B/G D/K K I/I'                          |
| <b>Receiving Channels</b>                            | VHF (BAND I/III) - UHF (BAND U) - HYPERBAND |
| <b>Number of Preset Channels</b>                     | 1000  |
| <b>Channel Indicator</b>                             | On Screen Display                           |
| <b>RF Aerial Input</b>                               | 75 Ohm (unbalanced)                         |
| <b>Operating Voltage</b>                             | 220-240V AC, 50Hz.                          |
| <b>Audio</b>   | DTS TruSurround                             |
| <b>Audio Output Power (WRMS.) (10% THD)</b>          | 2 x 8                                       |
| <b>Power Consumption</b>                             | 75W   |
| <b>Weight</b>  | 13,20 kg                                    |
| <b>TV Dimensions DxLxH (with foot)</b>               | 220 x 923 x 588 mm                          |
| <b>TV Dimensions DxLxH (without foot)</b>            | 61/68 x 923 x 544 mm                        |
| <b>Operation temperature and operation humidity:</b> | 0°C up to 40°C, 85% humidity max            |
| <b>Vesa</b>  | M6 200 x 200                                |

### Disposal information

#### Instructions for waste disposal:

Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bag, must be kept away from children. Batteries, including those which are heavy metal-free, should not be disposed of with household waste. Please dispose of used battery in an environment friendly manner. Find out about the legal regulations which apply in your area.

- Don't try to recharge batteries. Danger of explosion. Replace batteries only with the same or equivalent type.

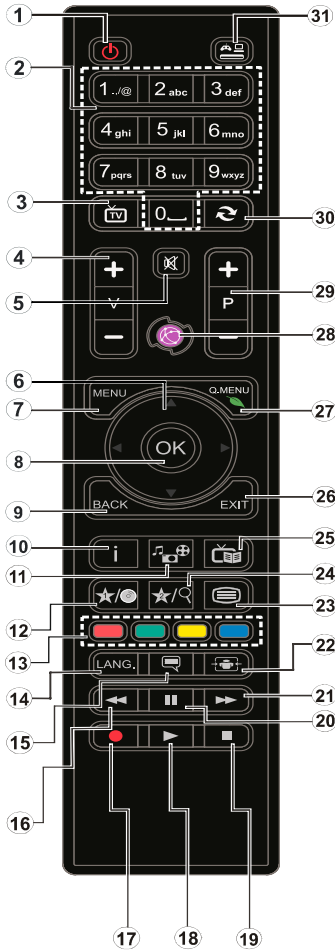
### Information for Users in European Union Countries

The above mark is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE). The mark indicates the requirement NOT to dispose the equipment including any spent or discarded batteries as unsorted municipal waste, but use the return and collection systems available. If the batteries or accumulators included with this equipment display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury, or more than 0.002% Cadmium or more than, 0.004% Lead.





# Getting Started

## Remote Control



1. **Standby:** On / Off switch of the TV
2. **Numeric buttons:** Used to navigate channels and enter passwords, text etc.
3. **TV:** Displays channel list / Switches among broadcast types
4. **Volume +/-**
5. **Mute:** Completely turns off the volume of the TV
6. **Navigation buttons:** Helps navigate menus, content etc. and displays the subpages in TXT mode when pressed Right
7. **Menu:** Displays TV menu
8. **OK:** Confirms user selections, holds the page (in TXT mode), views channel list (DTV mode)
9. **Back:** Returns to previous screen, opens index page (in TXT mode)
10. **Info:** Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
11. **Media browser:** Opens the media browsing screen
12. **My button 1 (\*)**
13. **Coloured Buttons**
14. **Language:** Switches between sound modes (analogue TV), displays and changes audio/subtitle language (where available)(digital TV)
15. **Subtitles:** Turns subtitles on and off (where available)
16. **Rapid reverse:** Moves frames backwards in media such as movies
17. **No function**
18. **Play:** Starts to play selected media
19. **Stop:** Stops the media being played
20. **Pause:** Pauses the media being played
21. **Rapid advance:** Moves frames forward in media such as movies
22. **Screen:** Changes the aspect ratio of the screen
23. **Text:** Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (mix)
24. **My button 2 (\*)**
25. **EPG (Electronic programme guide):** Displays the electronic programme guide
26. **Exit:** Closes and exits from displayed menus or returns to previous screen
27. **Quick Menu:** Displays a list of menus for quick access
28. **No function**
29. **Programme +/-**
30. **Swap:** Quickly cycles between previous and current channels
31. **Source:** Shows all available broadcast and content sources

### Digital Teletext (for UK only)

Press  button to view digital teletext information. Operate it with the coloured buttons, cursor buttons and the **OK** button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on digital teletext screen. When the  button is pressed again, the TV returns to television broadcast.

### Using My button 1 (\*)


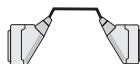
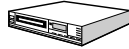




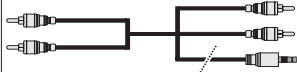



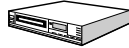











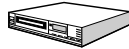



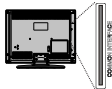

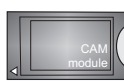
Press **MY BUTTON 1** for five seconds when on a desired source or channel, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected **MY BUTTON** is now associated with the selected function.


### Using My Button 2 (\*\*)

Press **MY BUTTON 2** for five seconds when on a desired source or channel, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected **MY BUTTON** is now associated with the selected function.

# Getting Started

## Connections

| Connector   | Type   | Cables  | Device  |
|---|--|---|---|
|                      | <b>Scart Connection (back)</b>                 |    |    |
|                      | <b>VGA Connection (back)</b>                   |    |    |
| <b>SIDE AV</b><br>   | <b>PC/YPbPr Audio Connection (side)</b>        | <br>Side Audio YPbPr or PC Connection Cable (Not supplied) |    |
|                      | <b>HDMI Connection (back)</b>                  |    |    |
| <br><b>SPDIF</b>     | <b>SPDIF Connection (back)</b>                 |    |    |
| <b>SIDE AV</b><br>   | <b>Side AV (Audio/Video) Connection (side)</b> | <br>(Not supplied)   |    |
| <br><b>HEADPHONE</b> | <b>Headphone Connection (side)</b>             |    |    |
|                    | <b>YPbPr Video Connection (back)</b>           | <br>PC to YPbPr Connection Cable (Not supplied)          |  |
| <br><b>USB</b>     | <b>USB Connection (side)</b>                   |    |  |
| <br><b>CI</b>      | <b>CI Connection (side)</b>                    |    |  |

 **NOTE:** When connecting a device via the YPbPr or Side AV input, you must use the supplied connection cables to enable connection. See the illustrations above. | To enable PC audio, you will need to use the SIDE AV CONNECTION cable's WHITE & RED inputs. | If an external device is connected via the SCART socket, the TV will automatically switch to AV mode. | While in Media Browser mode, output will not be available via the scart socket. | When using the wall mounting kit (optional), we recommend that you plug all your cables into the back of the TV before mounting on the wall. | Insert or remove the CI module only when the TV is SWITCHED OFF. You should refer to the module instruction manual for details of the settings.

## Getting Started

### First Time Installation - USB Connections

#### Switching On/Off

##### To Switch the TV On

Connect the power cord to the 220-240V AC, 50 Hz.

To switch on the TV from standby mode either:

Press the "⏻" button, **P+** / **P-** or a numeric button on the remote control.

Press the side function switch until the TV comes on from standby.

##### To Switch the TV Off

Press the "⏻" button on the remote control or press the side function switch until the TV switches into standby mode.

##### To power down the TV completely, unplug the power cord from the mains socket.

*Note: When the TV is switched to standby mode, the standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. The LED can also blink when you switch on the TV from standby mode.*

#### First Time Installation

When turned on for the first time, the language selection screen is displayed. Select the desired language and press OK.

The First Time Installation (FTI) screen will be displayed next. Set your preferences using the navigation buttons and when finished, press OK to continue.

 **NOTE:** You can press **MENU** button to cancel.

After all the available stations are stored, the Channel List will be displayed on the screen. If you like how the channels are sorted according to the LCN (\*), please select "Yes" and then press **OK**.

Press **MENU** button to quit channel list and watch TV.

(\* LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel sequence (if available).

*Note: As the Cable feature is not supported in the UK, please ensure that you select Aerial during the First Time Installation. If you mistakenly select Cable, please repeat the First Time Installation (which can be selected from the tuning menu) and select Aerial.*

#### Media Playback via USB Input

You can connect a 2.5" and 3.5" inch (hdd with external power supply) external hard disk drives or USB memory stick to your TV by using the USB inputs of the TV.






**IMPORTANT!** Back up your files before making any connections to the TV. Manufacturer will not be responsible for any file damage or data loss. Certain types of USB devices (e.g. MP3 Players) or USB hard disk drives/memory sticks may not be compatible with this TV.

Do not repeatedly quickly plug and unplug the drive. This may cause physical damage to the USB player and USB device itself. Do not pull out USB module while playing a file.

#### Media Browser Menu

You can play photo, music, and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV. Pressing the **MENU** button while in the Media Browser mode will access the Picture, Sound and Settings menu options. Pressing the **MENU** button again will exit from this screen. You can set your Media Browser preferences by using the Settings Menu.

#### Loop/Shuffle Mode Operation

|  |  |
|--|--|
| Start playback with  and activate              | TV plays next file and loop the list.            |
| Start playback with <b>OK</b> and activate    | the same file will be played in a loop (repeat). |
| Start playback with <b>OK</b> /  and activate  | the file will be played in a shuffle.            |

#### Quick Menu

Quick Settings menu allows you to access some options quickly. This menu includes **Power Save Mode**, **Picture Mode**, **Equalizer Settings**, **Favourites** and **Sleep Timer** options. Press **Q.MENU** button on the remote control to view quick menu. See the following chapters for the details of the listed features.

| Picture Menu Contents   |   |
|---|---|
| <b>Mode</b>   | You can change the picture mode to suit your preference or requirements. Picture mode can be set to one of these options: <b>Cinema, Game, Dynamic</b> and <b>Natural</b> .   |
| <b>Contrast</b>   | Sets the lightness and darkness values of the screen.   |
| <b>Brightness</b>   | Sets the brightness value for the screen.   |
| <b>Sharpness</b>  | Sets the sharpness value for the objects displayed on the screen.   |
| <b>Colour</b>   | Sets the colour value, adjusting the colors.  |
| <b>Power Save Mode</b>  | To set the Power Save Mode as Eco, Picture Off and Disabled.<br>When the Mode is Dynamic, Power Save mode is automatically set as disabled.<br>Selecting the Picture mode as Natural, does not automatically enable Power Save mode as Eco. |
| <b>Backlight (Optional)</b>   | This setting controls the backlight level. The backlight function will be inactive if the Power Save Mode is set to Eco. The backlight cannot be activated in VGA, Media Browser mode or while the picture mode is set to Game.             |
| <b>Noise Reduction</b>  | If the broadcast signal is weak and the picture is noisy, use the <b>Noise Reduction</b> setting to reduce the amount of noise.   |
| Advanced Settings   |   |
| <b>Dynamic Contrast</b>   | You can change the Dynamic Contrast ratio to desired value.   |
| <b>Colour Temp</b>  | Sets the desired colour tone.   |
| <b>Picture Zoom</b>   | Sets the desired picture size from picture zoom menu.<br><b>Note:</b> Auto (Only available in Scart mode with SCART PIN8 high voltage/low voltage switching)  |
| <b>HDMI True Black</b>  | While watching from HDMI source, this feature will be visible in the Picture Settings menu. You can use this feature to enhance blackness in the picture.   |
| <b>Film Mode</b>  | Films are recorded at a different number of frames per second to normal television programmes. Turn this feature on when you are watching films to see the fast motion scenes clearly.  |
| <b>Skin Tone</b>  | Skin tone can be changed between -5 and 5.  |
| <b>Colour Shift</b>   | Adjust the desired colour tone.   |
| <b>RGB Gain</b>   | You can configure the colour temperature values using the RGB Gain feature.   |
| <b>Reset</b>  | Resets the picture settings to factory default settings.(Except Game Mode)  |
| <b>Autoposition (in PC mode)</b>  | Automatically optimizes the display. Press OK to optimize.  |
| <b>H Position (in PC mode)</b>  | This item shifts the image horizontally to the right hand side or left hand side of the screen.   |
| <b>V Position (in PC mode)</b>  | This item shifts the image vertically towards the top or bottom of the screen.  |
| <b>Dot Clock (in PC mode)</b>   | Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.   |
| <b>Phase (in PC mode)</b>   | Depending on the resolution and scan frequency that you input to the TV set, you may see a hazy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method.                      |
| <i>While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.</i> |   |

| Sound Menu Contents   |   |
|---|---|
| <b>Volume</b>   | Adjusts the volume level.   |
| <b>Equalizer</b>  | Selects the equalizer mode. Custom settings can be made only when in user mode.   |
| <b>Balance</b>  | This setting is used for emphasizing left or right speaker balance.   |
| <b>Headphone</b>  | Sets headphone volume.<br>Please ensure before using headphones that the headphone volume is set to a low level, to prevent damage to your hearing.   |
| <b>Sound Mode</b>   | You can select a sound mode. (If the selected channel supports).  |
| <b>AVL (Automatic Volume Limiting)</b>                        | Function sets the sound to obtain fixed output level between programmes.  |
| <b>DTS TruSurround</b>  | Enables or disables the DTS TruSurround. When activated, some features in the Sound menu can not be altered.  |
| <b>Digital Out</b>  | Sets digital out audio type.  |
| Settings Menu Contents  |   |
| <b>Conditional Access</b>                                     | Controls conditional access modules when available.   |
| <b>Language</b>   | Configures language settings (may change depending on the country selected) Preferred and current settings will be available. Current settings can be changed only if the broadcaster supports.   |
| <b>Parental</b>   | Enter correct password to change parental settings. You can easily adjust menu lock in this menu. You can also set new pin number.(Default pin code 4725)   |
| <b>Timers</b>   | Sets sleep timer to turn off the TV after a certain time. Sets timers for selected programmes.  |
| <b>Date/Time</b>  | Sets date and time.   |
| <b>Sources</b>  | Enables or disables selected source options.  |
| Other Settings: Displays other setting options of the TV set: |   |
| <b>Menu Timeout</b>   | Changes timeout duration for menu screens.  |
| <b>Scan Encrypted Channels</b>                                | When this setting is on, the search process will locate the encrypted channels as well.   |
| <b>Blue Background</b>  | Activates or deactivates the blue background system when the signal is weak or absent.  |
| <b>Software Upgrade</b>                                       | To ensure that your TV always has the most up to date firmware.   |
| <b>Application Version</b>                                    | Displays application version.   |
| <b>Hard of Hearing</b>  | Enables any special feature sent from the broadcaster.  |
| <b>Audio Description</b>                                      | Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. You can use this feature, only if the broadcaster supports that additional narration track. |
| <b>Auto TV Off</b>  | You can set the timeout value of auto off feature. When the timeout value is reached and the TV has not been operated for a selected time, the TV will go into standby mode.  |
| <b>Power Up Mode</b>  | This setting configures the power up mode preference.   |

## TV Menu Features and Functions

### Install and Retune Menu Contents

|   |   |
|---|---|
| <b>Automatic Channel Scan (Retune) (If available)</b> | Displays automatic tuning options. Digital Aerial: Searches and stores aerial DVB stations. Analogue: Searches and stores analogue stations. Digital Aerial & Analogue: Searches and stores aerial DVB and analogue stations. |
| <b>Manual Channel Scan</b>                            | This feature can be used for direct broadcast entry.  |
| <b>Analogue Fine Tune</b>                             | You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.   |
| <b>First Time Installation</b>                        | Deletes all stored channels and settings, resets TV to factory settings.  |

## General TV Operation

### Using the Channel List

The TV sorts all stored stations in the Channel List. You can edit this channel list, set favourites or set active stations to be listed by using the Channel List options.

### Configuring Parental Settings

*To prohibit viewing of certain programmes, channels and menus can be locked by using the parental control system.*


To display parental lock menu options, the PIN number should be entered. The factory default PIN number is **0000**. After coding the correct PIN number, parental settings menu will be displayed.

**Menu Lock:** Menu lock setting enables or disables the menu access.

**Child Lock (Optional):** When Child Lock is set, the TV can only be controlled by the remote control. In this case the control panel buttons will not work.

**Set PIN:** Defines a new PIN number.

### Electronic Programme Guide (EPG)


Some, but not all channels send information about the current and next programmes. Press the  button to view the EPG menu.

**Red button (Prev Day):** Displays the programmes of previous day.

**Green button (Next day):** Displays the programmes of the next day.

**Yellow button (Zoom):** Expands programme information.

**Blue button (Filter):** Views filtering options.

**SUBTTL:** Press  button to view Select Genre menu. Using this feature, you can search the programme guide database in accordance with the genre. Info available in the programme guide will be searched and results matching your criteria will be listed.

**INFO(i):** Displays, in detailed, information on the programme selected.

**Numeric buttons (Jump):** Jumps to the preferred channel directly via numeric buttons.

**OK:** Displays programme options.

**Text (Search):** Displays **"Guide Search"** menu.

 **(Now) :** Shows the current programme.



## Software Upgrade

Your TV is capable of finding and updating automatically via the Aerial signal.

### Software upgrade search via user interface

Simply navigate on your main menu. Choose **Settings** and select **Other Settings** menu. In **Other Settings** menu navigate on to the **Software for Upgrade** item and press **OK** button to check for a new software upgrade.

### 3 AM search and upgrade mode

While the TV is connected to an aerial signal. If Automatic scanning in the Upgrade Options menu is enabled, the TV wakes up at 03:00 and searches broadcast channels for new software upgrades. If new software is found and downloaded successfully, the next time the TV powers up, it will have the new software version.

**Note:** *If the TV fails to come on after the upgrade unplug the TV for 2 minutes and plug in again.*

## Troubleshooting & Tips

### Tv will not turn on

Make sure the power cord is plugged in securely to wall outlet. The batteries in the remote control may be exhausted. Press the Power button on the TV.

### Poor picture

- Have you selected the correct TV system?
- Low signal level can cause picture distortion. Please check antenna access.
- Check if you have entered the correct channel frequency if you have done manual tuning.
- The picture quality may degrade when two devices are connected to the TV at the same time. In such a case, disconnect one of the devices.

### No picture

- No Picture means that your TV is not receiving a transmission. Have you selected the correct button on the remote control? Try once more. Also make sure the correct input source has been selected.
- Is the antenna connected properly?
- Is the antenna cable damaged?
- Are suitable plugs used to connect the antenna?
- If you are in doubt, consult your dealer.

### No sound

- Has the TV been set to mute? To cancel mute, press the "M" button, or increase the volume level.
- Sound is coming from only one speaker. Is the balance set to one extreme? See Sound Menu section.

## Remote control - does not operate

- The batteries may be exhausted. Replace the batteries.

## Input sources - can not be selected

- If you cannot select an input source, it is possible that no device is connected. if not
- Check the AV cables and connections if you have tried to connect a device.

## DVB-T functionality information

This DVB receiver is only suitable for use in the country which it was designed to be used in.

Although this DVB receiver conforms to the latest DVB specifications at the time of manufacture, we cannot guarantee compatibility with future DVB transmissions due to changes that may be implemented in broadcast signals and technologies.

Some digital television functions may not be available in all countries.

We continually strive to improve our products; therefore, specifications may change without prior notice.

For advice on where to purchase accessories, please contact the store where you purchased your equipment.

## To Program Your SKY Remote For Your TV

1. Make sure your SKY box is connected to your TV
2. Turn your TV and SKY box on
3. Press TV on your SKY remote control handset
4. Hold down SELECT and the RED button together for about two seconds, until the red light on the SKY remote blinks twice.
5. Key in 065 on your SKY remote. The light on the SKY remote should blink twice
6. Press the STANDBY button on your SKY remote control. Your TV should now switch off.
7. Press SELECT again. The light on your SKY remote control should now blink twice

You should now be able to control some basic functions on your TV from your SKY remote control (e.g. volume up/down, programme up/down).

## PC Input Typical Display Modes

The following table is an illustration of some of the typical video display modes. Your TV may not support all resolutions. Your TV supports up to 1920x1080.

| Index | Resolution | Frequency |
|-------|------------|-----------|
| 1     | 800x600    | 56 Hz     |
| 2     | 800x600    | 60 Hz     |
| 3     | 1024x768   | 60 Hz     |
| 4     | 1024x768   | 66 Hz     |
| 5     | 1280x768   | 60 Hz     |
| 6     | 1360x768   | 60 Hz     |
| 7     | 1280x960   | 60 Hz     |
| 8     | 1280x1024  | 60 Hz     |
| 9     | 1400x1050  | 60 Hz     |
| 10    | 1600x1200  | 60 Hz     |
| 11    | 1920x1080  | 60 Hz     |

## AV and HDMI Signal Compatibility

| Source         | Supported Signals |                                   | Available |
|----------------|-------------------|-----------------------------------|-----------|
| EXT<br>(SCART) | PAL 50/60         |                                   | O         |
|                | NTSC 60           |                                   | O         |
|                | RGB 50            |                                   | O         |
|                | RGB 60            |                                   | O         |
| Side AV        | PAL 50/60         |                                   | O         |
|                | NTSC 60           |                                   | O         |
| PC/<br>YPbPr   | 480I, 480P        | 60Hz                              | O         |
|                | 576I, 576P        | 50Hz                              | O         |
|                | 720P              | 50Hz,60Hz                         | O         |
|                | 1080I             | 50Hz,60Hz                         | O         |
|                | 1080P             | 50Hz,60Hz                         | O         |
| HDMI1<br>HDMI2 | 480I              | 60Hz                              | O         |
|                | 480P              | 60Hz                              | O         |
|                | 576I, 576P        | 50Hz                              | O         |
|                | 720P              | 50Hz,60Hz                         | O         |
|                | 1080I             | 50Hz,60Hz                         | O         |
|                | 1080P             | 24Hz, 25Hz<br>30Hz, 50Hz,<br>60Hz | O         |

(X: Not Available, O: Available)

In some cases a signal on the LCD TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc. ). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.

## Supported File Formats for USB Mode

| Media    | File Extension | Format                     |                          | Remarks  |
|----------|----------------|----------------------------|--------------------------|--|
|          |                | Video                      | Audio                    | (Maximum resolution/Bit rate etc.)   |
| Movie    | mpg, mpeg      | MPEG1, MPEG2               |                          | MPEG1: 768x576 @30P<br>MPEG2:1920x1080 @ 30P   |
|          | vob            | MPEG2                      |                          | 1920x1080 @ 30P  |
|          | mp4            | MPEG4, Xvid , H.264        |                          |  |
|          | mkv            | H.264, MPEG4,VC-1          |                          |  |
|          | avi            | MPEG2, MPEG4, Xvid , H.264 |                          |  |
|          | flv            | H.264/VP6/Sorenson         |                          | H.264/VP6:1920x1080 @ 30P<br>Sorenson: 352x288 @30P  |
|          | 3gp            | MPEG4 , H.264              |                          | 1920x1080 @ 30P  |
| wmv,asf  | MPEG4 , VC-1   |                            | 1920x1080 @ 30P          |  |
| Music    | .mp3           | -                          | MPEG 1 Layer 1 / 2 (MP3) | 32Kbps ~ 320Kbps(Bit rate)<br>32K, 44.1K, 48k Hz,16K, 22.05K, 24K<br>Hz,8K, 11.025K, 12K Hz(Sampling rate) |
| Photo    | .jpg .jpeg     | Baseline JPEG              | -                        | max WxH = 17000x10000 4147200bytes   |
|          | .              | Progressive JPEG           | -                        | max WxH = 4000x4000 3840000bytes   |
|          | .bmp           | -                          | -                        | max WxH = 5760x4096 3840000bytes   |
| Subtitle | .sub .srt      | -                          | -                        | -  |

# DVD Mode

## Safety Information

### CAUTION

DVD Player is a class 1 laser product. However this product uses a visible laser beam which could cause hazardous radiation exposure. Be sure to operate the player correctly as instructed.

**CLASS 1  
LASER PRODUCT**

### RISK OF ELECTRIC SHOCK

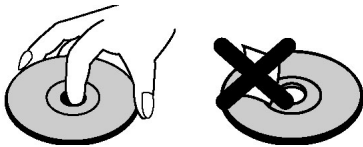
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock of persons.

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 literature accompanying the appliance.

### Notes on Discs

#### On handling discs

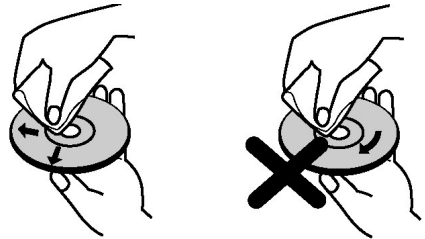
- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.
- If the disc is contaminated with any substance like glue remove before using it.



- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature can rise quickly and damage the disc.
- After playing, store the disc in its case.

## On cleaning

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.



- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

### Licence Notification

- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering and disassembly are prohibited.

### How to Watch a DVD

When placing a disc into the loader, labeled side of the disc should be on the front.

When TV set is turned on, first switch to DVD source by using the **Source** button on the remote control. Press play on the remote control, or directly press play button at the front panel. If there is no disc inside the loader, place a DVD first and press play.

*Note: If you switch to another source by pressing **Source**, **Swap** or **Programme +/-** buttons on the remote control, DVD playback will be paused automatically. You should press **Play** button and resume the playback manually when you switch to DVD mode.*

### DVD Control Panel Buttons

#### ▶ / || (Play / Pause)

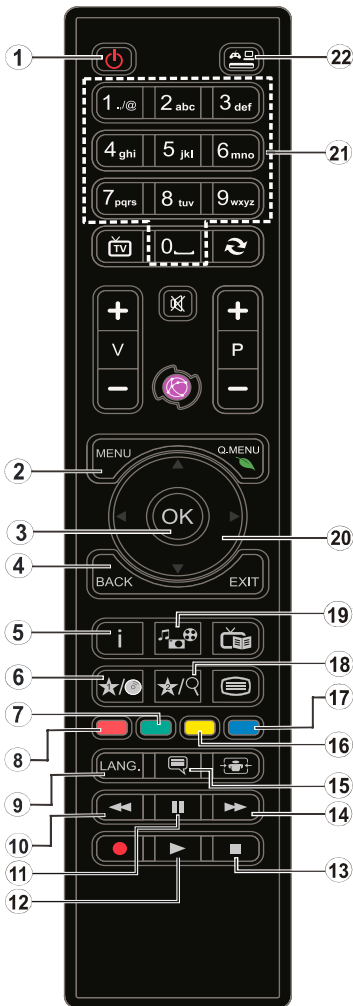
Plays/pauses the disc. When DVD menu (root menu) is active, this button functions as "button select" (selects the highlighted item in menu) if this is not prohibited by the disc.

#### ■ / ▲ (Stop / Eject)

Stop playing disc / Eject or Load the disc.

Note:

- You cannot eject the disc via the remote control.
- While playing a file, you should press STOP button three times to eject.



1. Standby
2. TV Menu
3. OK / Select
4. Back
5. Info
6. Display / DVD Menu
7. Repeat
8. Zoom
9. Language selection
10. Rapid reverse
11. Pause
12. Play
13. Stop
14. Rapid advance
15. Subtitle
16. Root
17. Title
18. Search mode
19. Angle
20. Navigation buttons
21. Numeric buttons
22. Source

## General DVD Operation (depending on model)

You can operate DVD, movie CD, music or picture CD's content by using the proper buttons on your remote control. Below are main functions of commonly used remote control buttons.

| Buttons                | DVD Playback   | Movie Playback                     | Picture Playback                              | Music Playback            |
|------------------------|--|------------------------------------|---|---------------------------|
|                        | Play   | Play                               | Play  | Play                      |
|                        | Pause  | Pause                              | Pause   | Pause                     |
|                        | Stop   | Stop                               | Stop  | Stop                      |
|                        | Skip backward/<br>forward  | Skip backward/<br>forward          | Rotate  | Skip backward/forward     |
|                        | Highlights a menu item / Shifts the zoomed picture up or down (if available).            |                                    |   |                           |
|                        | Rapid advance / Rapid reverse  |                                    |   |                           |
| <b>MEDIA BROWSER</b>   | Views the scene from different angles (if available)                                     |                                    | Changes slide effect (depends on the content) | X                         |
| <b>MY BUTTON 1</b>     | Displays time / Views main setup menu  |                                    |   |                           |
| <b>INFO</b>            | Time counter mode selection (during playback). Press repeatedly to switch between modes. |                                    |   |                           |
| <b>LANGUAGE</b>        | Auto language  |                                    | X   | X                         |
| <b>MENU</b>            | Displays TV menu.  |                                    |   |                           |
| <b>OK</b>              | Enter / View / Play  |                                    |   |                           |
| <b>GREEN BUTTON</b>    | Displays repeat options.   |                                    |   |                           |
| <b>RETURN/BACK</b>     | Returns back to the previous menu (if available).  |                                    |   |                           |
| <b>YELLOW BUTTON</b>   | Goes back to the root folder (if available).   |                                    |   |                           |
| <b>MY BUTTON 2 (*)</b> | Direct selection of scenes or time.  |                                    | Selects the desired file.                     | Selects the desired file. |
| <b>SUBTITLES</b>       | Subtitle on-off. Press repeatedly to switch between subtitle options.                    |                                    | X   | X                         |
| <b>BLUE BUTTON</b>     | Displays disc menu (if available).   | Displays disc menu (if available). | X   | X                         |
| <b>RED BUTTON</b>      | Zooms picture. Press repeatedly to switch between zoom options.                          |                                    |   |                           |

### Other Functions – Button Combinations (During playback)

|  |                          |
|--|--------------------------|
|  | Slow forward             |
|  | Sets slow forward speed  |
|  | Sets rapid advance speed |
|  | Sets rapid reverse speed |
|  | Confirms stop command    |

(\*) You can switch to title by pressing numeric keys directly. You need to press 0 and then digit key to switch one digit titles (example: to select 5, press 0 and 5).

**Basic Play**

1. Press on the power button
2. Please insert a disc into the loader.

The disc will be automatically loaded and play will commence if the disc does not have any menus recorded on it.


A menu may appear on the TV screen after a few moments or the film may start immediately. This behaviour depends on the disc content and may change.

**Note:** Step 3 and 4 is available only when a menu is recorded on the disc.


3. Press **Down / Up / Left / Right** or the numeric button(s) to select the preferred title.
4. Press **OK**.

To confirm the selected items. The played item may be a motion picture, a still picture or another submenu depending on the disc.

**For your reference:**

If an action corresponding to a button is prohibited the  symbol appears.

**Notes on Playback:**

1. No sound will be heard during Rapid advance or Rapid reverse.
2. No sound will be heard during Slow motion play.
3. Reverse slow motion play may not be available depending on the dvd content.
4. In some cases, the subtitle language is not changed immediately to the selected one.
5. When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.
6. When the player is restarted or the disc is changed, the subtitle selection is automatically changed back to the initial settings.
7. If a language is selected, not supported by the disc, the subtitle language will automatically be set to the disc's priority language.
8. Usually a circulation will happen while switching to another language, that is you can cancel the subtitle by pressing this button a number of times until "Subtitle Off" appears on the screen.
9. When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.
10. Some DVDs may not contain root and/or title menus.
11. Reverse stepping is not available.
12. For your convenience:  
If you attempt to enter a number greater than the total time of the current title, the time search box disappears and  "Input Invalid" message appears on up-left corner of screen.
13. Slide Show is disabled when the ZOOM mode is on.

**Poor picture quality (DVD)**

- Make sure the DVD disc surface is not damaged. (Scratch, fingerprint etc.)
- Clean the DVD disc and try again.

*See instructions described in "Notes on Discs" to clean your disc properly.*

- Ensure that the DVD disc is in the tray with the label facing upward.
- A damp DVD disc or condensation may effect the equipment. Wait for 1 to 2 hours in Stand-by to dry the equipment.

**Disc does not play**

- No disc in the machine. Place a disc into the loader.
- Disc incorrectly loaded.

*Ensure that the DVD disc is in the tray with the label facing upward.*

- Wrong type of disc. The machine cannot play CD-ROMS etc. The region code of the DVD must match the player.

**Wrong OSD language**

- Select the language in the set-up menu.
- The language for the sound or subtitles on a DVD cannot be changed.
- Multilingual sound and/or subtitles not recorded on the DVD.
- Try to change the sound or subtitles using DVD's title menu. Some DVD's do not allow the user to change these settings without using the disc's menu
- These functions are not available on the DVD.

**No picture**

- Make sure you have pressed the correct buttons on the remote control. Try once more.

**No sound**

- Check if volume is set to an audible level.
- Make sure the sound isn't turned off by mistake.





**Distorted sound**

- Check that the appropriate listening mode setting is correct.

**If nothing works**

If you have tried the above solutions and none seem to work, try switching your TV-DVD off and on again. If this does not work, contact your supplier or TV-DVD repair technician. Never attempt to repair a defective TV-DVD yourself.

## Disc Types Compatible with This Unit

| Disc Types (Logos)   | Recording Types          | Disc Size | Max. Playing Time                                | Characteristics  |
|--|--------------------------|-----------|--|--|
|  | Audio<br>+<br>Video      | 12 cm     | Single-sided; 240 min.<br>Double-sided; 480 min. | <ul style="list-style-type: none"> <li>DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System.</li> <li>Various screen and audio functions can be easily selected through the on screen menu.</li> </ul>                |
|  | Audio                    | 12 cm     | 74 min.  | <ul style="list-style-type: none"> <li>An LP is recorded as an analog signal with more distortion. CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.</li> </ul> |
|  | Audio<br>(xxxx.mp3)      | 12 cm     | It depends on MP3 quality.                       | <ul style="list-style-type: none"> <li>MP3 is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.</li> </ul>  |
|  | Video<br>(still picture) | 12 cm     | It depends on JPEG quality.                      | <ul style="list-style-type: none"> <li>JPEG is recorded as a Digital Signal with better picture quality over time.</li> </ul>  |

For proper operation, only 12 cm discs must be used.

## Specifications

|                                 |  |                                     |
|---------------------------------|--|-------------------------------------|
| <b>Types of Discs Supported</b> | <b>DVD:</b> SS/SL 4.7" (DVD-5)<br>SS/DL 4.7" (DVD-9)<br>DS/SL 4.7" (DVD-10)<br>DS/DL 4.7" (DVD-18)   | CD-DA<br>CD-R<br>CD-RW<br>MP-3/JPEG |
| <b>Video Type</b>               | MPEG-2 Video Standard Decoding (MPEG-1 supported)<br>Full-Screen Video Display of 720 x 576 (PAL) & 720 x 480 (NTSC) pixels<br>50 and 60 Hz frame refresh rates (PAL & NTSC)<br>Digital bit-stream processing rate up to 108Mbits/sec<br>Line resolution more than 500 lines |                                     |
| <b>Audio Type</b>               | MPEG Multichannel Decoding<br>LPCM   |                                     |
| <b>Audio Output</b>             | <b>Analog Outputs:</b><br>24 bit /48, 44.1kHz down-sampling DAC  |                                     |



## Product Guarantee

This product is guaranteed against manufacturing defects for a period of



This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.
- In the event of a problem with the product within the guarantee period call the **Customer Helpline: 0345 604 0105**.

Guarantor: Argos Ltd  
489 - 499 Avebury Boulevard  
Central Milton Keynes  
MK9 2NW



| <b>Product Fiche</b>                                |           |        |
|---|-----------|--------|
| Commercial Brand:HITACHI                            |           |        |
| Product No.   | 10098742  |        |
| Model No.   | 40HBD06U  |        |
| Energy efficiency class                             | A+        |        |
| Visible screen size<br>(diagonal,approx.) (inch/cm) | 40 inches | 102 cm |
| On mode average power<br>consumption (Watt)         | 48        |        |
| Annual energy consumption<br>(kWh/annum)            | 70        |        |
| Standby power consumption<br>(Watt)                 | 0,5       |        |
| Off mode power consumption<br>(Watt)                | 0         |        |
| Display resolution (px)                             | 1920x1080 |        |



**ENERG**  
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Y IJA  
IE IA

**HITACHI**

**40HBD06U**



**A+**

ENERGIA · ЕНЕРГИЯ  
ΕΝΕΡΓΕΙΑ · ENERGIJA  
ENERGY · ENERGIE  
ENERGI

**70**

kWh/annum

**48**  
Watt

**102**  
cm



**40**  
inch

2010/1062 - 2014



50321118

# HITACHI

Inspire the Next

**Manufacturer:**  
Hitachi Europe Ltd.,  
Whitebrook Park,  
Lower Cookham Road,  
Maidenhead,  
Berkshire SL6 8YA  
U.K.

**Importer:**  
Argos Ltd.,  
489 - 499 Avebury Boulevard,  
Central Milton Keynes,  
Buckinghamshire MK9 2NW  
U.K.

