

INSTRUCTION MANUAL

HITACHI
Inspire the Next

55" Colour TV

55HZT66U

427/7798



DVB-T2

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

FULL HD 1080

FreeviewHD

dts
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.

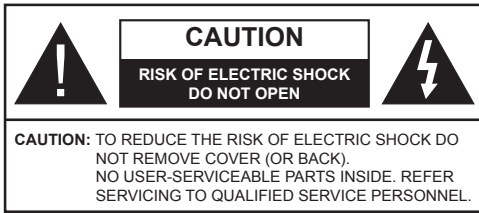
For any help concerning set up and use of your TV please call the Customer Helpline: 0345 604 0105

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

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Safety Information



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



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.

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: 0°C up to 40°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 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.

Safety Information

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.

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

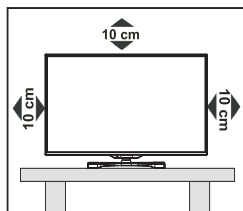
--- it is better to be safe than sorry!

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.

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).

Safety Information

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: 0 345 604 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 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:

You can use the Power Save Mode setting, located in the Picture menu. If you set the Power Save Mode as **Eco**, the TV will switch to energy-saving mode and the luminance level of TV set will be decreased to the optimum level. Note that some picture settings will be unavailable to be changed when the TV is in Power Save Mode.

If **Picture Off** is selected, "Screen will be off in 15 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 switch off or disconnect the TV from the mains plug. This will also reduce energy consumption.

Standby Notifications

If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, it will go into standby. When you next switch-on, the following message will be displayed: "**TV switched to stand-by mode automatically because there was no signal for a long time.**" Press **OK** to continue.

The **Auto TV OFF** option (in **Settings>Other Settings** menu) is set to **Off** by default. If this setting is changed and the TV has been left on and not been operated during the set time, it will switch into standby mode after the set time has expired. When you next switch-on, the following message will be displayed. "**TV switched to stand-by mode automatically because no operation was made for a long time.**" Press **OK** to continue.

Features

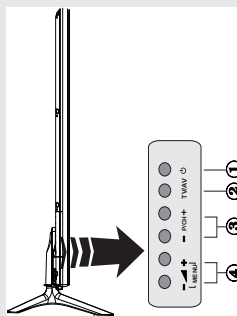
- Remote controlled colour TV.
- Fully integrated digital TV (DVB-T2)
- HDMI inputs are for connecting a device that has a HDMI socket.
- USB input.
- Programme recording.
- Programme timeshifting.
- OSD menu system.
- Scart socket for external devices (such as DVD Players, PVR, video games, etc.)
- 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, 8 and 10
- Game Mode (Optional).
- Ethernet (LAN) for Internet connectivity and service
- 802.11n built in WIFI Support.
- DLNA
- 50Hz frequency scan.

Accessories Included

- Remote Control
- Batteries: 2 x AAA
- Instruction Book
- Quick Start Guide
- Side AV Connection Cable
- Mini scart adapter cable

TV Control Buttons & Operation



1. Standby On/Off button
2. TV/AV button
3. Programme Up/Down buttons
4. Volume Up/Down buttons

Operation with the Buttons on the TV

Press **▲** button to decrease volume or **▼** button to increase volume. Press **P/CH +** button to select the next programme or **P/CH -** button to select the previous programme.

Press the **▲** or **▼** button at the same time to view main menu. In the Main menu select sub-menu using **TV/AV** button and set the sub-menu using **▲** or **▼** buttons. To see what options are available via the menu, refer to the menu system section of this manual.

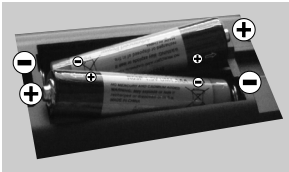
Press the **TV/AV** button in the control panel on the TV to switch between AV modes.

Note: Function indications of the buttons will be displayed on the screen when pressed.



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.



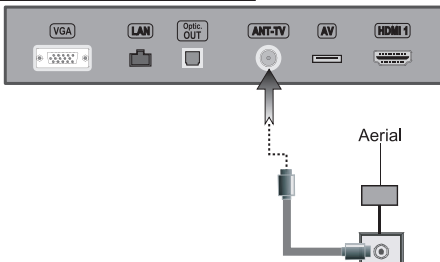
Connect Power

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 TV plug to **AERIAL INPUT (ANT-TV)** socket located on the rear bottom side of the TV.

Rear bottom side of the TV:



Notification

Manufactured under license from Dolby Laboratories.

TRADEMARK ACKNOWLEDGMENT

“Dolby” and the double-D symbol are trademarks of Dolby Laboratories.



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



“DLNA®, the DLNA Logo and DLNA CERTIFIED® are trademarks, service marks, or certification marks of the Digital Living Network Alliance.”



“YouTube and the YouTube logo are trademarks of Google Inc.”

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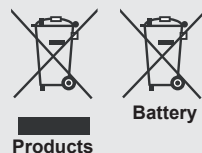


Information for Users on Disposal of Old Equipment and Batteries

[European Union only]

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

Notice: The sign Pb below the symbol for batteries indicates that this battery contains lead.



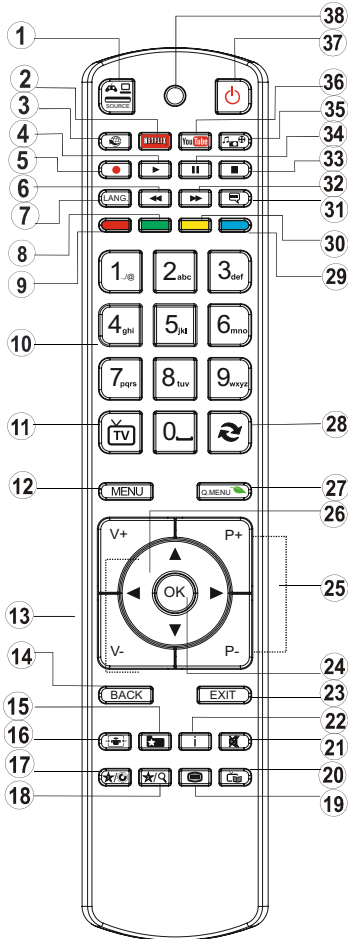
Specification	
TV Broadcasting	PAL B/G D/K K
Receiving Channels	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND
Number of Preset Channels	1000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz.
Audio	DTS TruSurround
Audio Output Power (WRMS.) (10% THD)	2x10W
Power Consumption	140 W
TV Dimensions DxLxH (with foot)	292 x 1240 x 789
TV Dimensions DxLxH (without foot)	38/47 x 1240 x 716
Display	55"
Display Resolution	1920 x 1080
Operation temperature and operation humidity:	0°C up to 40°C, 85% humidity max
Vesa	M6 400 x 400

Digital Teletext

Press **TXT** (⏏) 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 the digital teletext screen. When the **TXT** (⏏) button is pressed again, the TV returns to television broadcast.

Getting Started

Remote Control



1. Source
2. Launches Netflix Application
3. Internet Portal
4. Play (in media browser mode)
5. No function
6. Rapid reverse (in media browser mode)
7. Mono/Stereo - Dual I-II / Current language (in DVB channels)
8. Green button
9. Red button
10. Numeric buttons
11. Channel List/TV source
12. Menu
13. Volume up / down
14. Back (Return) / Index (in TXT mode)
15. Favourite channel list
16. Expand (in TXT mode) / Screen size
17. My button 1 / Youtube (**)
18. My button 2 (***)
19. Teletext / Mix
20. Electronic programme guide
21. Mute
22. Info / Reveal (in TXT mode)
23. Exit
24. Ok / Select / Hold (in TXT mode)
25. Programme up / down
26. Navigation buttons
27. Quick menu
28. Previous programme
29. Blue button
30. Yellow button
31. Subtitle on / off
32. Rapid advance (in media browser mode)
33. Stop (in media browser mode)
34. Pause (in media browser mode)
35. Media browser
36. Launches Youtube
37. Standby button
38. Function LED

Using My button 1 (*)

This button's main function is to run Youtube link. However, if you want to change this function, you can 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. Note that if you perform first time installation, MY BUTTON 1 will return to its default function.













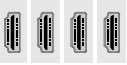









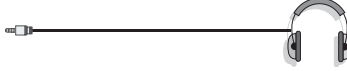






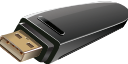
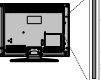





Using My Button 2 (**)

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.

NOTE: The Remote Control range is approximately 7m / 23ft.

Getting Started

Connections

Connector	Type	Cables	Device
	Scart Connection (back)		
	Mini Scart Connection (rear bottom)	 Mini Scart adapter cable (supplied)	
	VGA Connection (back)		
	PC/YpPr Audio Connection (back)	 YPbPr or PC Connection Cable (not supplied) (Back)	
	HDMI Connection (rear bottom & side)		
	S/PDIF (Optical Out) (rear bottom)		
	Side AV (Audio/Video) Connection (side)	 Side AV Cable (supplied)	
	Headphone Connection (side)		
	YPbPr Connection (back)	 YPbPr Connection (Cable not supplied)	
	USB Connection (side)		
	CI Connection (side)		
	Subwoofer Connection (back)		

 **NOTE:** When connecting a device via the YPbPr or Side AV input, you must use a 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. | When receiving DTV channels (Mpeg4 H.264) or 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.

| Each USB input of your TV supports devices up to 500mA. Connecting devices that have current value above 500mA may damage your TV.

Getting Started

First Time Installation - USB Connections

Switching On/Off TV

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

To Switch the TV On

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

To Switch the TV Off

Press the "⏻" button on the remote control or press the "⏻" push button on the TV. The TV will now switch to 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

Plug aerial cable into the ANT socket on your TV.

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.

You can activate **Store mode** option to be available in "Other settings" menu and your TV's settings will be optimized for best display quality. A confirmation screen will be displayed. Select **YES** to proceed.

If Home Mode is selected, Store mode will not be available after the First Time Installation. Press **OK** button 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).

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. The 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.

While formatting a USB hard disk that has 1TB (Tera Byte) or more file capacity, you can experience problems with the formatting process.

Quickly plugging and unplugging USB devices, is a very hazardous operation. This may cause physical damage to the USB port and the USB device itself. Do not pull out the USB module while playing a file.






You can use USB hubs with your TV's USB inputs. External power supplied USB hubs are recommended in such a case.

It is recommended to use the TV's USB input(s) directly, if you are going to connect a USB hard disk.

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 OK and activate 	The same file will be played in a loop (repeat).
Start playback with OK /  and activate 	The file will be played in a shuffle.

Quick Menu

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

FollowMe TV (Optional)

With your mobile device you can stream the current broadcast from your smart TV using the **FollowMe TV** feature. Install the appropriate Smart Center application to your mobile device. Start the application. For further information on using this feature refer to the instructions of the application you use.

Note: This application is not compatible with all mobile devices.

FollowMe TV to DMR (Optional)

This feature allows video streaming from your TV to mobile devices using proper applications (e.g. UPnP - Universal Plug and Play - applications like BubbleUPnP) or to another TV. Activate **FollowMe TV to DMR** from the **System>Settings>More** menu and timeshifting starts. Start the application on your device and select your TV. To stream to another TV press the **Red** button on the remote after starting a timeshift recording by pressing the **Pause** button on the remote. Device selection menu will be displayed. Choose the receiver TV and press **OK**.

Note: FollowMeTV and FollowMe TV to DMR features require a connected USB storage device with FAT32 format and enough space in it. Media Renderer option in the More menu should be set as Enabled. HD channels are not supported and both of the devices must be connected to the same network.

E-Manual (Optional)

You can find instructions for your TV's features in the E-Manual.

To use E-Manual, press to the **Info** button while main menu is displayed on the screen.

By using the navigation buttons select a desired category. Every category includes a different topics. Select a topic and press **OK** to read instructions.

To close the E-Manual screen press the **Exit** button.

Note: The contents of the E-Manual may vary according to model.

CEC and CEC RC Passthrough

This function allows to control the CEC-enabled devices, that are connected through HDMI ports by using the remote control of the TV.

The **CEC** option in the **System>Settings>More** menu should be set as **Enabled** at first. Press the **Source** button and select the HDMI input of the connected CEC device from the **Source List** menu. When new CEC source device is connected, it will be listed in source menu with its own name instead of the connected HDMI ports name(such as DVD Player, Recorder 1 etc.).

The TV remote is automatically able to perform the main functions after the connected HDMI source has been selected.

To terminate this operation and control the TV via the remote again, press and hold the "0-Zero" button on the remote control for 3 seconds. Or press **Quick Menu** button on the remote, highlight the **CEC RC Passthrough** and set as **Off** by pressing Left or Right button. This feature can also be enabled or disabled under the **System>Settings>More** menu.

The TV supports also ARC(Audio Return Channel) feature. This feature is an audio link meant to replace other cables between the TV and the audio system (A/V receiver or speaker system).

When ARC is active, TV does not mute its other audio outputs automatically. So you need to decrease TV volume to zero manually, if you want to hear audio from connected audio device only (same as other optical or co-axial digital audio outputs). If you want to change connected device's volume level, you should select that device from the source list. In that case volume control keys are directed to connected audio device.

System Audio Control

Allows an Audio Amplifier/Receiver to be used with the TV. The volume can be controlled using the remote control of the TV. To activate this feature set the **Speakers** option in the **System>Settings>More** menu as **Amplifier**. The TV speakers will be muted and the sound of the watched source will be provided from the connected sound system.

Note: The audio device should support System Audio Control feature and CEC option should be set as Enabled.

TV Menu Features and Functions

System - Picture Menu Contents	
Mode	You can change the picture mode to suit your preference or requirements. The Picture mode can be set to one of these options: Cinema, Game, Sports, Dynamic and Natural .
Contrast	Sets the lightness and darkness values of the screen.
Brightness	Sets the brightness value for the screen.
Sharpness	Sets the sharpness value for the objects displayed on the screen.
Colour	Sets the colour value, adjusting the colors.
Power Save Mode	To set the Power Save Mode as Eco, Picture Off and Disabled. (When the Mode is Dynamic, Power Save mode is automatically set as disabled.)
Backlight (Optional)	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.
Noise Reduction	If the broadcast signal is weak and the picture is noisy, use the Noise Reduction setting to reduce the amount of noise.
Advanced Settings	
Dyanmic Contrast	You can change the Dynamic Contrast ratio to desired value.
Colour Temp	Sets the desired colour tone.
Picture Zoom	Sets the desired picture size from picture zoom menu. <i>Note: Auto option is only available in Scart mode with SCART PIN8 high voltage/low voltage switching.</i>
Film Mode	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.
Skin Tone	Skin tone can be changed between -5 and 5.
Colour Shift	Adjust the desired colour tone.
RGB Gain	You can configure the colour temperature values using the RGB Gain feature.
HDMI True Black	While watching from a HDMI source, this feature will be visible in the Picture Settings menu. You can use this feature to enhance blackness in the picture.
Reset	Resets the picture settings to factory default settings.(Except Game Mode)
Autoposition (in PC mode)	Automatically optimizes the display. Press OK to optimize.
H Position (in PC mode)	This item shifts the image horizontally to the right hand side or left hand side of the screen.
V Position (in PC mode)	This item shifts the image vertically towards the top or bottom of the screen.
Dot Clock (in PC mode)	Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.
Phase (in PC mode)	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>	

System - Sound Menu Contents	
Volume	Adjusts the volume level.
Equalizer	Selects the equalizer mode. Custom settings can be made only when in user mode.
Balance	This setting is used for emphasizing left or right speaker balance.
Headphone	Sets headphone volume.
Sound Mode	You can select a sound mode (if the selected channel supports).
Audio Link	Press OK to open the Audio Link menu screen. Using this screen you can discover and connect the sound devices to your TV wirelessly via Bluetooth.
AVL (Automatic Volume Limiting)	This function sets the sound to obtain fixed output level between programmes.
Headphone/Lineout	When you connect an external amplifier to your TV using the headphone jack, you can select this option as Lineout. If you have connected headphones to the TV, set this option as Headphone.
DTS TruSurround	Enables or disables the DTS TruSurround. When activated, some features in the Sound menu can not be altered.
Bass Gain	Controls the bass gain level. Use Left or Right button to set.
Digital Out	Sets digital out audio type.
System - Settings Menu Contents	
Conditional Access	Controls conditional access modules when available.
Language	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.
Parental	Enter correct password to change parental settings. You can easily adjust menu lock, maturity lock (depending on the country selected) and child lock in this menu. You can also set a new pin number.
Timers	Sets sleep timer to turn off the TV after a certain time. Sets timers for selected programmes.
Date/Time	Sets date and time.
Sources	Enables or disables selected source options.
Network Settings	Displays network settings.
More...: Displays other setting options of the TV set	
Menu Timeout	Changes timeout duration for menu screens.
Scan Encrypted Channels	When this setting is on, the search process will locate the encrypted channels as well.
Blue Background	Activates or deactivates the blue background system when the signal is weak or absent.
Software Upgrade	To ensure that your TV always has the most up to date firmware.
Application Version	Displays application version.
Hard of Hearing	Enables any special feature sent from the broadcaster.
Audio Description	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. Note: Audio description sound feature cannot be available in recording or time shifting mode.

Auto TV Off	You can set the timeout value of the 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.
Standby Search (Optional)	If the Standby Search is set to On, when the TV is in standby mode, available broadcasts will be searched. If the TV locates any new or missing broadcasts, a menu screen will be displayed, asking you whether or not to execute these changes. The Channel list will be updated and changed after this process.
Store Mode	If you are displaying the TV in a store, you can activate this mode. Whilst Store Mode is enabled, some items in the TV menu may not be available.
DLNA Renderer	DLNA renderer feature allows you to share files stored on your smartphone or tablet pc. If you have a DLNA compatible smartphone or tablet pc and the appropriate software is installed, you can share/play photos on your TV. See instructions of your sharing software for more information. DLNA renderer mode will not be available with internet portal feature.
Power Up Mode	This setting configures the power up mode preference.
Virtual Remote (optional)	Enable or disable the virtual remote feature.
CEC	With this setting you can enable and disable CEC functionality completely. Press Left or Right button to enable or disable the feature.
Netflix	You can view your ESN(*) number and deactivate Netflix. (*) ESN number is an unique ID number for Netflix, created especially to identify your TV.
Installation Menu Contents	
Smart Remote	Press OK to open the Smart Remote menu screen. Using this screen you can discover and connect the remote controller devices to your TV wirelessly via Bluetooth.
Automatic Channel Scan (Retune) (If available)	Displays automatic tuning options. Digital Aerial: Searches and stores aerial DVB stations. Digital Cable: Searches and stores cable DVB stations. Analogue: Searches and stores analogue stations. Digital Aerial & Analogue: Searches and stores aerial DVB and analogue stations. Digital Cable & Analogue: Searches and stores cable DVB and analogue stations.
Manual Channel Scan	This feature can be used for direct broadcast entry.
Network Channel Scan	Searches for the linked channels in the broadcast system.
Analogue Fine Tune	You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.
First Time Installation	Deletes all stored channels and settings, resets TV to factory settings.
Clear Service List	(*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland. Use this setting to clear channels stored.

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.

Maturity Lock: When set, this option gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

Child Lock: 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.

Note: If the Country option is set to France, you can use 4725 as the default code.

Electronic Programme Guide (EPG)

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

Up/Down/Left/Right: Navigate EPG.

OK: Displays programme options.

INFO: Displays, in detailed, information on the programme selected.

GREEN: Switches to List Schedule EPG.

YELLOW: Switches to Timeline Schedule EPG.

BLUE: Displays filtering options.

Programme Options

In **EPG** menu, press the **OK** button to enter the **Event Options** menu.

Select Channel

In **EPG** menu, using this option, you can switch to the selected channel.

Set Timer / Delete Timer

After you have selected a programme in the **EPG** menu, press the **OK** button. Select the **Set Timer on Event** option and press the **OK** button. You can set a timer for future programmes. To cancel an already set timer, highlight that programme and press the **OK** button. Then select **"Delete Timer"** option. The timer will be cancelled.

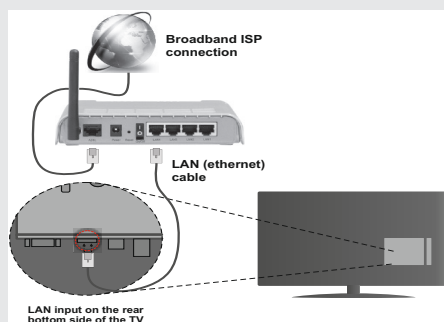
Note: It is not possible to record two channels at the same time.

Connectivity Functions

Wired Connectivity

To Connect to a Wired Network

- You must have a modem/router connected to an active broadband connection.
- Connect your PC to your modem/router. This can be a wired or wireless connection.
- Connect your TV to your modem/router via an ethernet cable. There is a LAN port at the rear (back) of your TV.



- You will need to set up DLNA network to access and play shared files, you must select the **Media Browser**. Press the **Menu** button and select **Media Browser**. Press **OK** to continue. Select the desired file type and press **OK**. You must always use the **Media Browser** screen to access and play shared network files.
- PC/HDD/Media Player or any other devices that are DLNA 1.5 compatible should be used with a wired connection for higher playback quality.

Configuring Wired Device Settings

Network Type

The Network type can be selected as Wired or Wireless, in accordance with the active connection to the TV set. Select this as "Wired" if you are connecting via an ethernet.

Configuration Status

This section displays the status of the connection.

IP Address

If an active connection is available, the IP address will be displayed on this section. If you want to configure an IP address preferences, press the **GREEN** button and switch to the advanced mode.

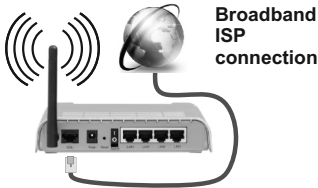
Configuring Wired Network Settings in Advanced Mode

After pressing the **GREEN** button, the “Advanced mode” will be available. While in Advanced Mode, press the **RED** button to edit settings. When finished, press **OK** to save, Press **RETURN/BACK** to cancel.

Wireless Connectivity

To Connect to a Wireless Network

- You must have a modem/router connected to an active broadband connection.
- To configure your wireless settings please refer to the Network settings section in this manual.



- A Wireless-N router (IEEE 802.11a/b/g/n) with simultaneous 2.4 and 5 GHz bands is designed to increase bandwidth. These are optimized for smoother and faster HD video streaming, file transfers and wireless gaming.
- Use a LAN connection for quicker file sharing between other devices like computers.
- The frequency and channel differ depending on the area.
- The transmission speed differs depending on the distance and number of obstructions between the transmission products, the configuration of these products, the radio wave conditions, the line traffic and the products that you use. The transmission may also be cut off or may get disconnected depending on the radio wave conditions, DECT phones or any other WiFi 11b appliances. The standard values of the transmission speed are the theoretical maximum values for the wireless standards. They are not the actual speeds of data transmission.
- The location where the transmission is most effective differs depending on the usage environment.
- The Wireless LAN adaptor supports 802.11 a,b,g & n type modems. It is highly recommended that you should use the IEEE 802.11n communication protocol in order to avoid any possible problems while watching videos.
- You must change your modem's SSID when there are any other modems around with the same SSID. You can encounter connection problems otherwise. Use a wired connection if you experience problems with a wireless connection.

Configuring Wireless Device Settings

To enable Wi-Fi features, open the Network Settings menu and select **Network Type** as **Wireless Device** to start connection process.

Press the **YELLOW** button to scan the wireless networks. A list of available networks will be displayed. Please select your desired network from the list.

Note: *If the modem supports N mode, you should set N mode settings.*

If the selected network is protected with a password, please enter the correct key by using the virtual keyboard. You can use this keyboard via the **navigation buttons** and the **OK** button on the remote control.

Wait until the IP address is shown on the screen.

This means that the connection is now established. To disconnect from a wireless network highlight “**Network Type**” and press **OK**.

You can navigate between menu tabs by pressing left/right buttons. The help bar on the bottom of the dialog shows features that you may use. Press the **BLUE** button to check your internet connection speed. Press the **GREEN** button to switch to advanced mode and then press the **OK** button to edit settings.

You can check the signal strength by using the network settings menu for the wireless device mode.

Other Information

Configuration Status: Displays Wi-Fi status as connected or not connected.

IP Address: Displays the current IP address.

Network Name: Connected networks' name will be displayed.

Delete Saved Wi-Fi Profiles

Saved profiles will be deleted if you press the **RED** button while the wireless device selection OSD is on the screen.

Connecting to your mobile device via WiFi

- If your mobile device has WiFi feature, you can connect it to your TV via a router, in order to access the content in your device. For this, your mobile device must have an appropriate sharing software.
- Connect to your router following the steps stated above in the “**Wireless Connectivity**” section.
- Afterwards, engage your mobile device with the router and then activate the sharing software on your mobile device. Then, select files that you want to share with your TV.
- If the connection is established correctly, you will be able to access the shared files from your mobile device via the Media Browser of your TV.
- Enter the Media Browser menu and the playback device selection OSD will be displayed. Select your mobile device and press the **OK** button to continue.

- If available, you can download a virtual remote controller application from the server of your mobile device application provider.

Note: *This feature may not be supported on all mobile devices.*

Wireless Display

Wireless Display is a standard for streaming video and sound content by Wi-Fi Alliance. This feature provides the ability to use your TV as wireless display device.

Using with mobile devices

There are different standards which enable sharing of screens including graphical, video and audio content between your mobile device and TV.

Then press the Source button on the remote and switch to Wireless Display source.

A screen appears stating that the TV is ready for connection.

Open the sharing application on your mobile device. These applications are named differently for each brand, please refer to the instruction manual of your mobile device for detailed information.

Scan for devices. After you select your TV and connect, the screen of your device will be displayed on your TV.

Note: This feature can be used only if the mobile device supports this feature. Scanning and connecting processes differ according to the programme you use. Android based mobile devices should have the software version V4.2 and above.

Bluetooth Connectivity

Your TV supports Bluetooth technology. Pairing is required before using the Bluetooth devices with the TV set. You should do the followings to pair your device with the TV:

*Set the device to pairing mode

*Start device discovery on the TV

Note: *Refer to the user manual of the Bluetooth device to learn how to set the device to pairing mode.* You can connect audio devices or remote controllers via Bluetooth to your TV. For audio devices you should use the **Audio Link** option in the **System>Sound** menu, for remote controllers the **Smart Remote** option in the **System>Settings>More** menu. Select the menu option and press the **OK** button to open the related menu. Using this menu you can discover and connect the devices that use Bluetooth wireless technology and start to use them. Follow the on-screen instructions. Start the device discovery. A list of available bluetooth devices will be displayed. Select the device you want to connect from the list and press the **OK** button to connect. If "**Device connected**" message is displayed, the connection is successfully established. If the connection fails try it again.

Connectivity Troubleshooting

Wireless Network Not Available

- Ensure that any firewalls of your network allow the TV wireless connection.
- Try searching for wireless networks again, using the Network Settings menu screen.

If the wireless network does not function properly, try using the wired network in your home. Refer to the Wired Connection section for more information on the process.

If the TV does not function using the wired connection, check the modem (router). If the router does not have a problem, check the internet connection of your modem.

Connection is Slow

See the instruction book of your wireless modem to get information on the internal service area, connection speed, signal quality and other settings. You need to have a high speed connection for your modem.

Distruption during playback or slow reactions

You could try the following.

Keep at least three meters distance from microwave ovens, mobile telephones, bluetooth devices or any other Wi-Fi compatible devices. Try changing the active channel on the WLAN router.

Using DLNA Network Service

DLNA (Digital Living Network Alliance) is a standard that eases the viewing process of digital electronics and makes them more convenient to use on a home network. For further information, visit www.dlna.org.

The DLNA standard allows you to view and play photos, music and videos stored in the DLNA media server connected to your home network.

1. Media Home Installation

The DLNA function cannot be used if the server program is not installed onto your PC. Please prepare your PC with the provided Media Home programme. For more information about the installation, please refer to the Windows Media Server.

2. Connect to a Wired or Wireless Network

See the chapter Network Settings for detailed configuration information.

3. Play Shared Files via Media Browser

Select **Media Browser** by using the **Left** or **Right** buttons from the main menu and press **OK**. The Media browser will then be displayed.

DLNA

DLNA support is only available in the Media Browser folder mode. To enable folder mode, go to the **Settings** tab in the main media browser screen and press **OK**. In the settings options, highlight **View Style** and change to **Folder** using the **Left** or **Right** buttons. Select the desired media type and press **OK**.

If sharing configurations are set properly, an OSD message will be displayed after selecting the desired media type. Select **OK** to display the selected network or USB memory content. If you want to refresh the device list, press the **GREEN** button. You can press **MENU** to exit.

If available networks are found, they will be listed on this screen. Select media server or network that you want to connect to using the “**√**” or “**^**” buttons and press **OK**.

If you select the media type as **Video** and choose a device from the selection menu, a new menu screen will appear on the screen.

Select **Videos** from this screen to list all the available video files from the selected network.

To play other media types from this screen, you must go back to main Media Browser screen and select the media type as desired and then perform the network selection again. Refer to the Media Browser USB Playback section for further information on file playback.

Subtitle files do not work if you watch videos from your network through DLNA.

You can connect only one television with DLNA to the same network. If a problem occurs with the DLNA network, please switch your television off at the wall socket and back on again. Trick mode and jump are not supported with the DLNA function.

Note: There may be some PC's which may not be able to utilize the DLNA function due to administrator and security settings (such as business PC's).

For best home network streaming with this TV, the supplied Nero software should be installed.

Internet Portal

Ensure the TV is connected to a Wired/Wireless Internet connection. After the connection is established, you can select or view portal options.

Note: A Broadband internet connection is required for high quality viewing. Ensure that the internet connection is made properly. You must set the Country and Language data correctly in the First Time Installation for the proper operation of the internet portal.

Press “**☺**” button on your remote control and the portal application options will be displayed in a manner similar to the template below.



Note on PIP Window

If you switch to portal mode while watching TV channels, current programme will be displayed on the PIP window. You can change channels using **P+ / P-** buttons.

Current HDMI content will be displayed on the PIP window, if you switch to portal mode while watching HDMI source.

Use the “**◀**” or “**▶**”, “**▼**” or “**▲**” to navigate between the items on Portal screen. Press the **OK** button to confirm your selection. Press the **BACK** button to go to the previous screen.

Press the **EXIT** button to quit the Internet portal mode.

Note: Possible application dependent problems may be caused by the content service provider.

iPlayer Application

You can access BBC iPlayer using your TV. To do this, an active internet connection is required. (See connecting to a Wired/Wireless Network section to connect your TV to internet). After the connection is established, you can select BBC iPlayer among the portal options. (See Internet Portal)

Press the **OK** button on your remote control to start the BBC iPlayer application.



Note: Broadband internet connection (minimum 2mbps) is required for high quality viewing.

Playing a Programme via iPlayer

Select a programme and press **OK** button. The programme playback will begin.

You can press the **PAUSE** button to pause playback. Press the **PLAY** button to resume the playback.

Use the **STOP** button to stop the playback.

Press the **EXIT** button to exit iPlayer. Press the **RETURN** button for going back to the previous screen.

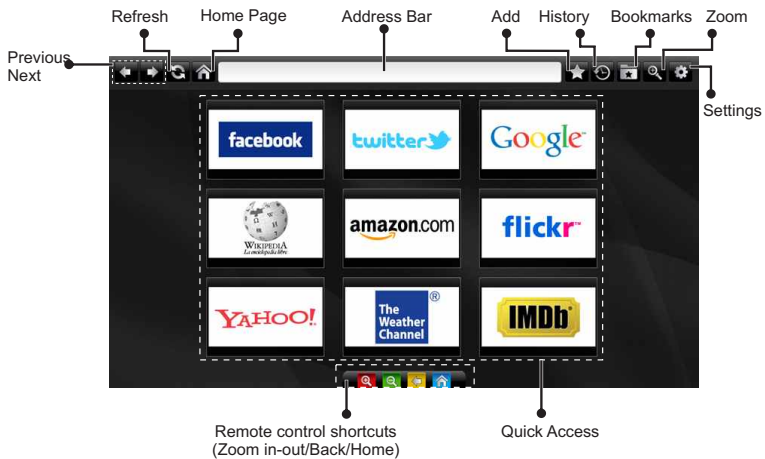
Note: "Episode is unavailable." message may be displayed on the screen if a problem occurs during the playback.

Searching a Programme

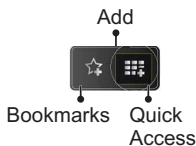
Highlight the Search tab using the navigation buttons and press the **OK** button. Use the virtual keyboard to type the letters. Select letters and press the **OK** button. When finished, highlight Search option and press the **OK** button.

Internet Browser

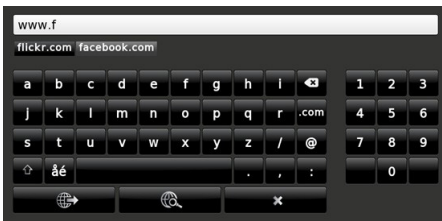
To use the internet browser, please select the internet browser logo from the portal section.



- To navigate the web browser, use the arrow buttons on the remote control. Press **OK** to continue.
- After First time installation, predefined web sites and logos will be displayed on the browser's access page (see image above). To add a desired web page to the quick access page, whilst on the website you wish to add, select the "Add" menu and select "Quick Access" button.
- If you want to add bookmarks, select this item while the desired web page is on the screen.



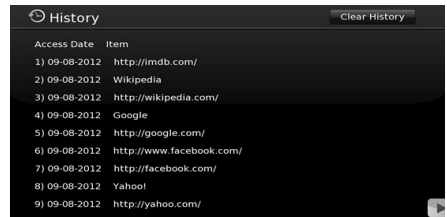
- You can navigate the web browser in three ways. First, enter any URL in the address bar.



- You can search keywords by clicking the search button in the address dialog box or another way to navigate to pages is by clicking on links on web

pages and these will take you to the appropriate pages.

- When you scroll the pointer down to the middle of the screen, the remote control's shortcuts will be shown.
- Use the zoom shortcut buttons or the zoom menu to zoom in or zoom out.
- You can clear cookies or clear all browser data from the settings menu.
- Your TV is compatible with USB mice. Plug your mouse or wireless mouse adaptor to the USB input of your TV.
- To view your browsing history, click the history button. You can also clear your browsing history from here.



- The browser does not support multiple tabs.
- Some internet pages include flash content. These are not supported by the browser.
- Your TV does not support any download processes from the web browser.

Software Upgrade

Your TV is capable of finding and updating automatically via the Aerial/Cable signal or over the Internet.

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.

Note : Internet connection is needed. If an internet connection is not available, try to upgrade via broadcast. If a new upgrade is found, it starts to download the upgrade. Press **OK** to continue with the reboot operation.

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.
- Are Headphones plugged into the TV.
- 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 with fresh ones.

Input sources can not be selected

- If you cannot select an input source, it is possible that input has been disabled. Select Settings, Sources to enable source which may have been disabled.

Recording unavailable

To record a programme, you should first connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable recording feature. If you cannot record, try switching off the TV and then re-inserting the USB device.

USB is too slow

If a "USB is too slow" message is displayed on the screen while starting a recording, try restarting the recording. If you still get the same error, it is possible that your USB disk does not meet the speed requirements. Try connecting another USB disk.

Nero MediaHome Installation

To install Nero MediaHome, please proceed as follows:

Note: To use DLNA function, this software should be installed to your PC.

1. Enter the link below completely in the address-bar of your web browser.
<http://www.nero.com/mediahome-tv>
2. Click the **Download** button on the opening page. The installation file will be downloaded onto your PC.
3. After the download is completed, double click on the installation file to start the installation. The installation wizard will guide you through the installation process.
4. The prerequisites screen will be displayed first. The installation wizard checks the availability of required third-party software on your PC. If applications are missing they are listed and must be installed before continuing installation.
5. Click the **Install** button. The integrated serial will be displayed. Please do not change the displayed serial.
6. Click the **Next** button. The License Conditions (EULA) screen will be displayed. Please read the license agreement carefully and select the appropriate check box if you agree to the terms of the agreement. Installation is not possible without this agreement.
7. Click the **Next** button. On the next screen you can set your installation preferences.
8. Click the **Install** button. The installation begins and finishes automatically. A progress bar will indicate the state of the installation process.
9. Click the **Finish** button. The installation is completed. You will be directed to the web site of the nero software.
10. A shortcut is now placed on your desktop.

You have successfully installed Nero MediaHome on your PC.

Run Nero MediaHome by double clicking on the shortcut icon.

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 0065 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).

Smart Center

Smart Center is a mobile application running on iOS and Android platforms. With your tablet or phone, you can easily stream your favourite live shows and programmes from your smart TV. Also; you can launch your portal applications, use your tablet as a remote control for your TV and share media files.

Note: Being able to use all functions of this application depends on the features of your TV.

Getting Started

To use Smart Center features, connections have to be done properly. To get connected to your network wirelessly, plug in the Wi-Fi dongle to one of the USB ports if your TV doesn't have internal wifi feature. To be able to use internet based features, your modem/router must be connected to the internet.

IMPORTANT: Make sure the TV and mobile device are connected to the same network.

For **FollowMe TV** and media sharing features **Media Renderer** option should be enabled(if available). Press the **Menu** button on the remote, highlight **Settings** and press **OK**. Highlight **Other Settings** and Press **OK**. Highlight **Media Renderer** and change as **Enabled**.

Your TV is ready to connect to your mobile device now. Install the **Smart Center** application to your mobile device.

Start the smart center application. If all connections are configured properly, you will see your TV's name on your mobile device. If your TV's name doesn't appear on the list, wait a while and tap on the **Refresh** widget. Select your TV from the list.

Mobile Device screen

On the main screen you can find tabs to access various features.

The application retrieves actual channel list from TV first when it starts.

MY CHANNELS: The programmes of first four channels from the channel list retrieved from the TV are shown. You can change the listed channels. Press on the channel thumbnail and hold. A list of channels will be displayed and you can choose your desired channel to be replaced.

TV: You can watch content through the TV tab. In this mode you can navigate through the channel list retrieved from your TV and click on thumbnails to view the detail pages.

RECORDINGS: You can view your active recordings(if available) and reminders through this tab. To delete any item, simply press on the delete icon found on each row.

EPG: You can view the broadcast schedules of selected channel lists through this tab. You can also navigate through channels by pressing on the

selected channel on the EPG grid. Please note that updating / refreshing the EPG information may take a while depending on your network and web service quality.

Note: Internet connection is required for WEB based EPG informations.

PORTAL: This tab displays the Portal applications in scrollable view. Unless **FollowMeTV** (if available) is active, the selected application will be displayed on your TV screen.

Note: Internet connection is required. This tab is enabled if a portal page is in use.

SETTINGS: Configure the application to your liking. You can change;

Auto-lock (Only in IOS): The screen of the device automatically turns off after a certain amount of time. Default is off, which means the screen will always stay on.

Auto-enable FollowMeTV: FollowMeTV function (if available) will start automatically when this setting is enabled. Default is disabled.

Auto-connection to TV: When enabled, your mobile device will automatically connect to last connected TV and skips the TV search screen.

Change TV (Only in IOS): Shows the currently connected TV. You can press on this setting to go to the "TV search" screen and change to a different TV.

Edit custom channel list: You can edit your custom channel list using this setting.

Choose channel list source: You can choose the channel list source to be used in the application. The options are "TV List" and "Custom List". Additionally you can activate "Remember my choice" option to set the selected channel list source as a constant choice. In this case if the selected source is available it will be used in the application.

Version No: Displays the current version of the application.

Detail Page

To open detail page tap on a programme. On the detail page screen you can get detailed information of the programmes you select. There are "Details", "Cast&Crew" and "Videos" tabs to find on this page.

DETAILS: This tab provides summary and information about the selected programme. Also there are links to facebook and twitter pages of the programme selected

CAST&CREW: Shows all the people contributed to the current programme.

VIDEOS: Provides videos on Youtube related to the selected programme.

Note: For some functions an internet connection may be required.

FollowMe TV Feature

Tap on the **FOLLOW ME TV** widget located at the bottom left of the screen of your mobile device to change the layout for FollowMe feature.

Tap the play icon to start streaming of the content from the TV to your mobile device. Available if your device is in your routers operation range.

To disable this feature, press the **Quick Menu** button on the TV-remote and disable FollowMe TV feature.

Notes:

For streaming content from your TV a suitable USB disk, that is formatted as FAT32, has to be connected to your TV. If your USB disk doesn't meet the speed requirements, you will not be able to use this feature. Try connecting another USB disk.

Note that only digital(DVB-T/C/S) SD channels are supported but scrambled channels are not supported.

Multilanguage audio support and subtitle on/off features are not functional.

The streaming performance may change depending on the quality of your connection.

Media Share Page

To access the **Media Share** widget tap on the **Up-arrow** on the bottom left side of the screen.

If the Media Share widget is pressed, a screen is displayed where you can select the media file type to share with your TV.

For media sharing DLNA protocol is used.

Note: *Not all image file formats are supported. This function will not work if DLNA feature is not supported.*

Portal Launcher

To access the **Portal Launcher**  widget tap on the **Up-arrow** on the bottom left side of the screen.


You can access the portal page by tapping on the **Portal Launcher** widget.

Note: *Internet connection is required. This function will not work if a portal page is not in use.*

Smart Remote Feature


You can use your mobile device as a remote control for your TV once it has connected to the TV. To use smart remote's full features tap on the **Up-arrow** on the bottom left side of the screen.

Voice Recognition

You can tap on the **Microphone**  widget and manage your application, giving voice commands such as "Portal!", "Volume Up/Down!", "Programme Up/Down!".

Note: *This feature is only for android based devices available.*

Keyboard Page

The keyboard page can be opened in two ways; by pressing the **Keyboard**  widget on the application screen or automatically by receiving a command from the TV.

Requirements

1. Smart TV
2. Network connection
3. Mobile Device based on Android or iOS platform (Android OS 4.0 or higher; iOS 6 or higher version)
4. Smart Center app.(to be found on online application stores based on Android and iOS platforms)
5. Vitamio plugin app (for Android platforms)
Note: *If Vitamio plugin app is not found on the system, the user will be redirected to the installation page of the application when the Smart Center application is started.*
6. Router modem
7. USB storage device in FAT32 format (for **FollowMe TV** and PVR features)

Notes:

For Android devices, Normal(mdpi), Large(hdpi) and Extra Large(xhdpi) screen sizes are supported. Devices with 3" or smaller screen sizes are not supported.

For iOS devices, all screen sizes are supported.

User interface of the Smart Center application is subject to change according to version installed on your device.

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.

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.



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

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 1920x1200.

Index	Resolution	Frequency
1	640x400	70Hz
2	640x350	85Hz
3	640x400	85Hz
4	640x480	60Hz
5	640x480	66Hz
6	640x480	72Hz
7	640x480	75Hz
8	640x480	85Hz
9	800x600	56Hz
10	800x600	60Hz
11	800x600	70Hz
12	800x600	72Hz
13	800x600	75Hz
14	800x600	85Hz
15	832x624	75Hz
16	1024x768	60Hz
17	1024x768	66Hz
18	1024x768	70Hz
19	1024x768	72Hz
20	1024x768	75Hz
21	1024x768	85Hz
22	1152x864	60Hz
23	1152x864	70Hz
24	1152x864	75Hz
25	1152x864	85Hz
26	1152x870	75Hz
27	1280x768	60Hz
28	1360x768	60Hz
29	1280x768	75Hz
30	1280x768	85Hz
31	1280x960	60Hz
32	1280x960	75Hz
33	1280x960	85Hz
34	1280x1024	60Hz
35	1280x1024	75Hz
36	1280x1024	85Hz
37	1400x1050	60Hz
38	1400x1050	75Hz
39	1400x1050	85Hz
40	1440x900	60Hz
41	1440x900	75Hz
42	1600x1200	60Hz
43	1680x1050	60Hz
44	1920x1080	60Hz
45	1920x1200	60Hz

AV and HDMI Signal Compatibility

Source	Supported Signals		Available
EXT (SCART1)	PAL		O
	NTSC 60		O
	RGB 50/60		O
EXT (SCART2)	SECAM		O
	PAL		O
	NTSC 60		O
Side AV	RGB 50/60		O
	SECAM		O
	PAL 50/60		O
YPbPr	NTSC 60		O
	480i, 480P	60Hz	O
	576i, 576P	50Hz	O
	720P	50Hz,60Hz	O
	1080i	50Hz,60Hz	O
	480i	60Hz	O
	480P	60Hz	O
HDMI 1 HDMI 2 HDMI 3 HDMI 4	576i, 576P	50Hz	O
	720P	50Hz,60Hz	O
	1080i	50Hz,60Hz	O
	1080P	24Hz, 25Hz, 30Hz, 50Hz, 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	Extension	Format		Notes
		Video	Audio	
Movie	.dat, mpg, mpeg	Mpeg1,2	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM	1080P@ 30fps 50Mbit/sec
	.dat, mpg, mpeg	MPEG2 ,H.264, VC1, AVS, MVC	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM	H.264:1080Px2@25fps 1080P@ 50fps MVC: 1080P@ 24fps Other: 1080P@ 30fps* 50Mbit/sec
	.vob	MPEG2	MPEG1/2 Layer 1/2/3, AC3, LPCM	1080P@ 30fps 50Mbit/sec
	.mkv	MPEG1,2,4, XviD, H.264, VC1,WMV3, Motion JPEG	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM	H.264:1080Px2@25fps 1080P@ 50fps Other:1080P@ 30fps 50Mbit/sec
	.mp4 .mov		MPEG1/2 Layer 3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM	H.264: 1080Px2@25fps 1080P@ 50fps Other: 1080P@ 30fps 50Mbit/sec
	.avi	MPEG1,2,4 Xvid H.264, VC1,WMV3, Sorenson H.263 Motion JPEG	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM/ADPCM, WMA	H.264: 1080Px2@25fps 1080P@ 50fps Other: 1080P@ 30fps* 50Mbit/sec
	flv	H.264, Sorenson H.263	MPEG1/2 Layer 3, AAC/HEAAC, LPCM/ADPCM	H.264: 1080Px2@25fps 1080P@ 50fps Other: 1080P@ 30fps* 50Mbit/sec
	3gp,3g2	MPEG4, H.264		1920x1080 @ 30P 20Mbit/sec
	asf, wmv	MPEG2,4, XviD, H.264, VC1,WMV3	MPEG1/2 Layer 1/2/3, AAC/HEAAC, AC3/EAC3, LPCM, WMA	1080P@ 30fps 50Mbit/sec
Music	.mp3		MPEG1 Layer 1/2/3 (MP3)	
	.wav		LPCM	
	WMA/ASF		WMA, WMA Pro	
	.m4a/ .aac		AAC, HEAAC	
Photo	.jpg .jpeg	Baseline JPEG		MAX WxH = 14592x12288 Up to 8 MegaByte
	.png	Progressive JPEG		
	.bmp	non-interlace		
	.png	interlace		
Subtitle	sub	-	-	
	srt	-	-	

Supported DVI Resolutions

When connecting devices to your TV's connectors by using DVI converter cables(not supplied), you can refer to the following resolution information.

	24Hz	25Hz	30Hz	50Hz	56Hz	60Hz	66Hz	70Hz	72Hz	75Hz
640x400								<input checked="" type="checkbox"/>		
640x480						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
800x600					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
832x624										<input checked="" type="checkbox"/>
1024x768						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1152x864						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
1152x870										<input checked="" type="checkbox"/>
1280x768						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1360x768						<input checked="" type="checkbox"/>				
1280x960						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1280x1024						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1400x1050						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1440x900						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
1600x1200						<input checked="" type="checkbox"/>				
1680x1050						<input checked="" type="checkbox"/>				
1920x1080						<input checked="" type="checkbox"/>				
1920x1200						<input checked="" type="checkbox"/>				
3840x2160	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				



Product Guarantee

This product is guaranteed against manufacturing defects for a period of

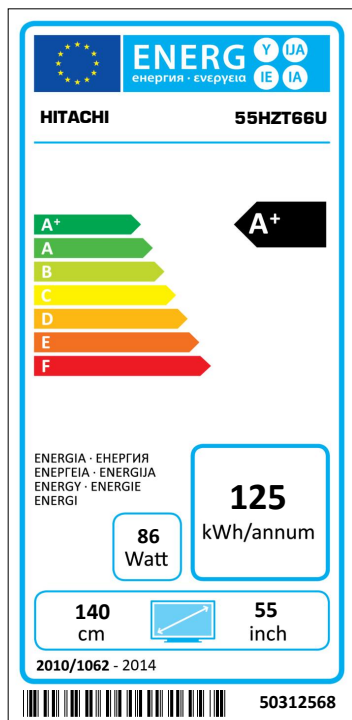


This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

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



Standby Power Consumption (approx.)	< 0.50 W
Screen Resolution	1920 x 1080

Product Fiche		
Commercial Brand:HITACHI		
Product No.	10097782	
Model No.	55HZT66U	
Energy efficiency class	A+	
Visible screen size (diagonal,approx.) (inch/cm)	55 inches	140 cm
On mode average power consumption (Watt)	86	
Annual energy consumption (kWh/annum)	125	
Standby power consumption (Watt)	0,5	
Off mode power consumption (Watt)	0	
Display resolution (px)	1920x1080	

HITACHI

Inspire the Next

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