24" Combination LED TV/DVD

▲BUSH

109/4527

LED24127DVDCNTD

SRS◎ TruSurround HD   **DVD VIDEO™**   **DVB Digital Video Broadcasting**   **HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE**   **Freeview®**

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

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

Contents

Model number

BUSH DVB-T LED24127DVDCNTD

Safety Information

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
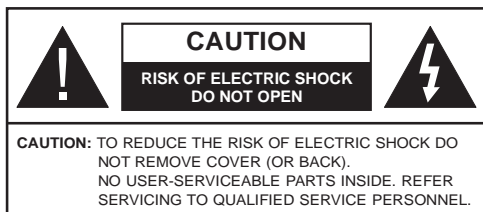
To operate your TV in extreme ambient conditions may cause the damage of the device.

If there is lightning or storms, or if the TV is not going to be used for a while (e.g. if going away on holiday), disconnect the TV set from the mains. The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable.

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: 5ºC up to 45ºC, 85% rel. humidity max. (not blocking ventilation openings).

Intended Use

This device is used to receive and display TV programmmes.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 LED TV in extreme ambient conditions may cause the damage of the device.

⚠ **WARNING: Never let people (including children) with physical, sensory or mental abilities or lack of experience and / or knowledge unsupervised use electrical device!**

Children may not recognize dangers right! 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.

Power source

- The TV should be operated only from a 220-240V 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

- The power cord plug should be easily accessible. In case of storms and lightning, when going on holiday, or when the TV is not used for a long period of time disconnect the power cord from the mains power socket.
- The mains plug is used to disconnect TV set from the mains and therefore it must remain readily accessible.
- **Do not** place the TV, furniture, etc. on the power cord or pinch the cord.
- Handle the power cord by the plug, **do not** unplug the TV by pulling the power cord.
- Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock.
- Never make a knot in the power cord or tie it with other cords.
- Power cords should be placed in such a way that they are not likely to be stepped on or driven over.
- A damaged power cord/plug can cause fire or give you an electric shock. When damaged it must be replaced, this should only be done by qualified personnel.

Safety Information

Moisture and Water

• **Do not** use this TV in a humid or damp place (avoid bathrooms, the sink in the kitchen, etc.

• **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.

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).

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.

Safety Information

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.

Servicing

- ⚠ *Warning:* Risk of electric shock, **do not** attempt to repair, service or modify this TV yourself. Contact the manufacturer, their approved service agent or the **Customer Helpline: 0345 604 0105.**

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 to the TV set.

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

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 Argos Technical Helpline is here to help

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 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

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 switch off or disconnect the TV from the mains plug. 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 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.
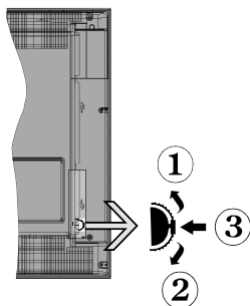
• Game Mode (Optional).

Accessories Included

• Remote Control

• Batteries: 2 x AAA

• Instruction Book

• Quick Start Guide

• Side AV Connection Cable

• Nero Media Home CD

• Wifi USB Dongle

• USB cable

Control Buttons on the TV
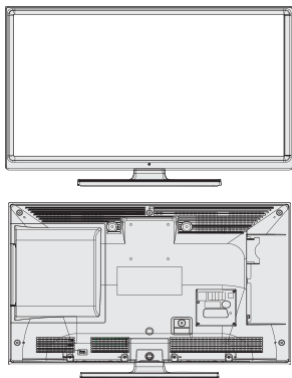
TV Control Switch & Operation

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 down 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.
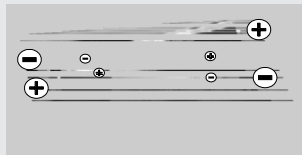
Connect Power

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 AERIAL INPUT (ANT) socket located on the back of the TV.

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	SRS TruSurround HD
Audio Output Power (WRMS.) (10% THD)	2 x 2,5
Power Consumption	50 W
Weight	4,50
TV Dimensions DxLxH (with foot)	134 x 569 x 384
TV Dimensions DxLxH (without foot)	55 x 569 x 345
Operation temperature and operation humidity:	5ºC up to 45ºC, 85% humidity max
VESA	75 x 75 mm / M4
Display	16:9 display, 61 cm / 24" Screen Size

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.

Getting Started

Remote Control

1. Source
2. Sleep Timer
3. Internet Portal
4. Play
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 button
15. Favourite channel list
16. Image size
17. My button 1 (*)
18. My button 2 (**)
19. Teletext
20. Electronic programme guide
21. Mute
22. Info
23. Exit (return)
24. Ok (confirm)
25. Programme up / down
26. Navigational buttons
27. Q.menu
28. Channel swap
29. Blue button
30. Yellow button
31. Subtitle on / off
32. Rapid advance
33. Stop
34. Pause (in media browser mode)
35. Multimedia browser
36. Picture mode selection
37. Standby button
38. Function LED
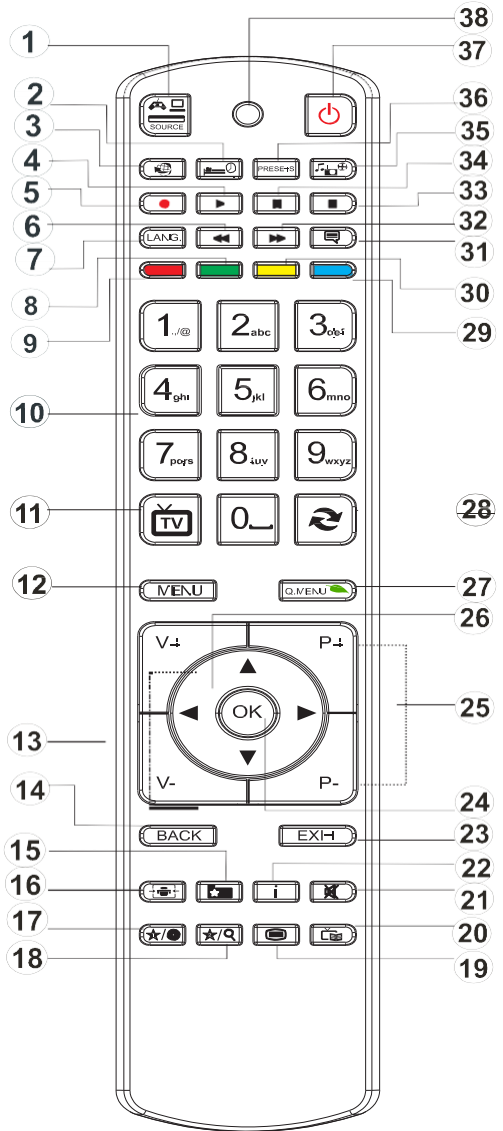
Using My button 1 (*)

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, channel or link, 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.

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

Using My Button 2 (**)

Press MY BUTTON 2 for five seconds when on a desired source, channel or link, 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.

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

Getting Started

Attaching the Stand

1. Stand is placed on a flat surface (fig.**1**).

fig.**1**

2. The product is held over the stand so that it coincides with the stand mounting point and then it is left to be mounted with its own weight (fig.**2**).
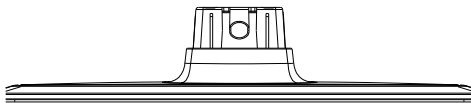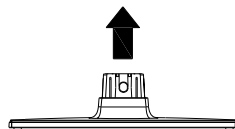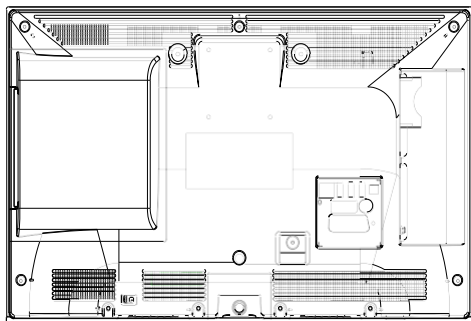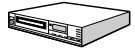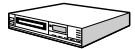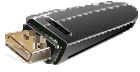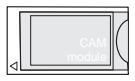
fig.**2**

Getting Started

Connections

Connector	Type	Cables	Device
	Scart Connection (back)		
	VGA Connection (back)		
SIDE AV	PC/YPbPr Audio Connection (side)	Side Audio/Video Connection Cable (Supplied) PC Audio Cable (Not supplied)	
	HDMI Connection (back)		
SPDIF	SPDIFF Connection (back)		
SIDE AV	Side AV (Audio/Video) Connection (side)	AV Connection Cable (supplied)	
HEADPHONE	Headphone Connection (side)		
PC to YPbPr	YPbPr Video Connection (back)	PC to YPbPr Connection Cable (Not supplied)	
USB	USB Connection (side)		
	CI Connection (side)		

*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 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.

If Store Mode (optional) is selected, Store mode option will 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.

Aerial Installation

If you select **AERIAL** option from the *Search Type* screen, the television will search for digital terrestrial TV broadcasts.

📝 *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 than 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. 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. The TV supports FAT32 and NTFS disk formatting but recording will not be available with NTFS formatted disks.

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

Picture Menu Contents

Mode	You can change the picture mode to suit your preference or requirements. 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. *Note: Auto (Only available in Scart mode with SCART PIN8 high voltage/low voltage switching)*
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.
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.

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.

TV Menu Features and Functions

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).
AVL (Automatic Volume Limiting)	Function sets the sound to obtain fixed output level between programmes.
Dynamic Bass	Enables or disables the Dynamic Bass.
SRS TruSurround HD	Enables or disables the SRS TruSurround HD. When activated, some features in the Sound menu can not be altered.
Digital Out	Sets digital out audio type.
Settings Menu Contents	
Conditional Access	Controls conditional access modules when available.
Language	Configures language settings (may change depending on the country selected) P r e f e r r e d and c u r r e n t s e t t i n g s 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 child lock and set new pin number in this menu. Once the child lock is activated, open browser app on the portal will be disabled, it can be enabled again by deactivating the child lock.
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 (Optional)	Displays network settings. (Optional)
Other Settings: 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 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. 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. If you have a DLNA renderer compatible smartphone and software installed, you can share/play photos with your TV. See instructions of your sharing software for more information.
Power Up Mode	This setting confrigures the power up mode preference.
Virtual Remote (optional)	Enables or disables the virtual remote 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.
Install and Retune Menu Contents	
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.
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.

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: 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. Also, access to the Internet Browser will also be blocked whilst the Child Lock is active.

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 "📺" 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(İ): 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 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.

Background search and upgrade mode

• While TV is connected to Internet, in background it searches for critical software upgrades. If a critical software upgrade is found it downloads the upgrade silently. When download completes with success a message is displayed for reboot operation to activate new software. 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.

Manual Software Update

Ensure that the ethernet cable is connected to your TV. If the ethernet cable is connected to the TV, ensure that the TV is receiving. Check that the Good is present in the following menu path:

Menu -> Settings -> Network Settings -> Configuration Status -> Connected

Go to Settings tab from the main menu and select Other Settings. Highlight Software Upgrade and press OK.

Select Scan for Upgrade and press OK button.

An OSD screen including the progress bar will be visible under the Software upgrade" title.

A warning screen will be displayed on the screen, stating that the TV will be rebooted. Press OK button to finalize upgrade process and reboot TV.

General TV Operation

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 "🔇" 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 bateries.

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.

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.

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.

Teletext

Press "▤" button to enter. Press again to activate mix mode. Press once more to exit. Follow the instructions displayed on digital teletext screen.

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 the digital teletext screen. When the "▤" button is pressed again, the TV returns to television broadcast.

General TV Operation

Connectivity Functions

Connecting to a Wired Network

- Connect broadband ISP connection ethernet cable to the ETHERNET INPUT of your modem.
- Ensure that Nero Media Home software is installed to your PC.(for DLNA function). See Appendix A
- Connect your PC to the one of your modem's LAN connectors (e.g. LAN 1) by using a proper LAN cable.
- Use another LAN output of your modem (e.g. LAN 2) to enable the connection to your TV.
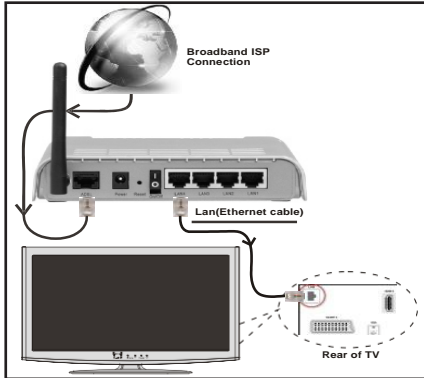
- To access and play shared files, you must Select Media Browser. Press Menu button and select Media Browser. Press OK to continue. Select the desired file type and press OK. You must always use the Media Browser screen to access and play shared network files.
- PC/HDD/Media Player or any other devices that are DLNA 1.5 compatible should be used with wired connection for higher playback quality.

To configure wired settings please refer Network Settings section in Settings menu.

- You might be able to connect your TV to your LAN network depending on your network's configuration. In such a case, use an ethernet cable to connect your TV directly to the network wall outlet.
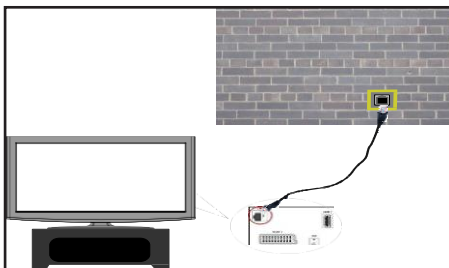
Connecting to a Wireless Network

IMPORTANT: "Veezy 200" USB dongle (sold separately) is required to use wireless network feature.

- To make your modem' s SSID visible, you should change your SSID settings via modem's software. The TV cannot connect to the networks with hidden SSID.

For connecting to a wireless LAN network, you should perform the following steps:

1. Connect broadband ISP connection ethernet cable to the ETHERNET INPUT of your modem.
2. Ensure that Nero Media Home software is installed to your PC (for DLNA function).
3. Afterwards, you should connect wireless adaptor to one of the USB inputs of the TV.
4. To configure wireless settings please refer **Network Settings** section in the following sections.
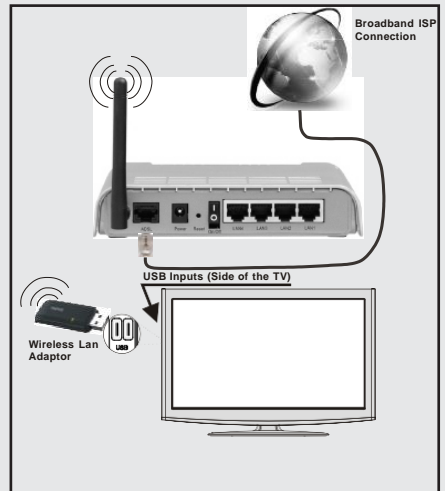
- A Wireless-N router (IEEE 802.11a/b/g/n) with simultaneous 2.4 and 5 GHz bands designed to increase bandwidth. Optimized for smoother and faster HD video streaming, file transfers, and wireless gaming.
- Use LAN connection for quicker file sharing between other devices like computers.
- The frequency 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 get disconnected depending

General TV Operation

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.

• Wireless LAN adaptor should be connected directly to the TV's USB port. USB hubs are not supported.

• You can plug your wifi dongle into the supplied dock In cases where network quality is poor and the wifi dongle needs to be placed to a location with better signal quality.

• Wireless LAN adaptor supports 802.11 a,b,g & n type modems. It is highly recommended that you should use IEEE 802.11n communication protocol in order to avoid any possible problems while watching videos.

• Use the other usb input, if you experience problems with audio/video performance.

• You must change your modem's SSID when there are any other modems around with the same SSID.

Configuring Network Settings

Your TV's Network Settings include Wired and Wireless Connection options. However, if your TV does not have USB Wi-Fi dongle (sold separately), you should use Wired Connection type. If you try to connect via Wireless Connection when your TV does not have a USB Wi-Fi dongle, a warning screen will appear and the TV will not get an IP address. Try connecting the LAN cable after this and then the TV will be able to get an IP address.

Configuring Wired Device Settings

If you are connecting the TV via ETHERNET INPUT, select Network Type as *Wired Device* to configure.

Network Type

Network type can be selected as *Wired* or *Wireless* device, in accordance with the active connection to the TV set. Select this as Wired if you have connected to the TV a LAN cable. Select as Wireless if you connect via the wireless USB dongle *(sold separately)*.

Configuration Status

This section displays the status of the connection. Select **Connected** if you want to activate connection. Select as **Not Connected** to end an active connection.

IP Address

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

Configuring Wired Network Settings in Advanced Mode

While in Advanced Mode, press **RED** button to edit settings. When finished, press **OK** to save, Press **RETURN/BACK** to cancel.

 IMPORTANT: "Veezy 200" USB dongle is required to use wireless network feature.

Wi-Fi feature can be used for a wireless network

 connection. If you have the Veezy 200 Wifi Dongle *(sold separately)*, select **Network Type** as **Wireless Device** to start connection process.

To enable Wi-Fi feature, profiles should be configured properly. Please plug in the Wi-Fi dongle (sold separately) to one of the USB ports.

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

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 **navigation buttons** and **OK** button on the remote control.

Wait until the IP the address is shown on the screen.

This means that the connection is now established. To disconnect from a wireless network, you should highlight **Configuration Status** 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 **BLUE** button to check your internet connection speed.

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

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.

Press **GREEN** button to switch to advanced mode and then press **OK** button to edit settings.

Delete Saved Wifi Profiles

Saved profiles will be deleted if you press red button while wireless device selection osd is on the screen.

Connecting to your Cell Phone via WiFi (Optional)

• If your cell phone has WiFi feature, you can connect your cell phone to your TV by using WiFi connection via a router, in order to play content from your phone. For this, your cell phone must have an appropriate sharing software.

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

General TV Operation

- Connect to your router following the steps stated above in the Wireless Connection section.

- Afterwards, engage your cell phone with the router and then activate sharing software on your cell phone. Then, select files that you would like to share with your TV.

- If the connection is established correctly, you should now access the shared files of your cell phone via the Media Browser of your TV.

- Enter Media Browser menu and playback device selection OSD will be displayed. Select your cell phone's ident and press **OK** to continue.

Note: This feature may not be supported by some cell phones.

Connectivity Troubleshooting

Wireless Network Not Available

Ensure that the firewalls of your network allows the TV wireless connection. "Veezy 100" usb wifi dongle(sold separately) should be plugged properly (if available). 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.

Check the modem (router) first. If the router does not have a problem, check the internet connection of your modem. Try searching for wireless networks again, using the Network Settings menu screen.

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 in such a case:

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 viewing process of digital electronics and makes them more convenient to use on a home network. For further information, visit www.dlna.org.

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

Step 1: Nero Media Home

DLNA function cannot be used if the server program is not install to your PC. Please prepare your PC with the provided Nero Media Home programme.

For more information about the installation, please refer to Nero Media Home Installation section

Step 2: Connect to a Wired or Wireless Network

See the chapter Network Settings for detailed configuration information.

Step 3: Play Shared Files via Media Browser

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

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

Please select desired media type and press **OK.**

If sharing configurations are set properly, the following 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 **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 by using "⌄" or "⌃" buttons and press **OK** button.

If you select 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 media type as desired and then perform the network selection again. Refer to Media Browser USB Playback section for further information on file playback.

Subtitle files do not work if you watch video from network through **DLNA**.

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

General TV Operation

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 set, 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. The application options will be displayed in a manner similar to the template below.
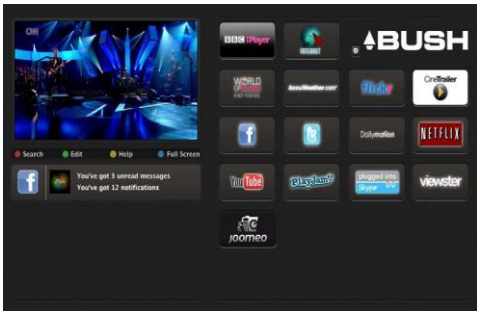
Note on PIP Window

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: Some applications might become disabled due to changes made in the parental settings.

General TV Operation

Appendix A: 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. Insert the Nero Media Home installation disc in your optical disc drive.

• The Nero Multi Installer screen with a button to start the installation process will open automatically.

• If below window is not displayed automatically, double-click on the file SetupX located on

the Nero MediaHome installation disc.

2. Click on the button labeled Nero MediaHome Essentials to start the installation process.

• The Nero MediaHome installation wizard is displayed.

• If necessary change installation language from the language selection menu before continuing.

3. Click the Next button.

• The integrated serial is displayed.

• Please do not change displayed serial.

4. Click the Next button.

• The License Conditions (EULA) screen is displayed.

5. 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.

6. Click the Next button.

• The Select Installation Type screen is displayed.

It is possible to choose between **Typical,** meaning standard installation, or **Custom** installation. User defined installation allows you to determine languages to be installed and to choose the installation path.

7. Use Typical installation and click the Next button.

• The Prerequisites screen is displayed.

The Nero MediaHome 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.

8. Click the **Install** button.

• As soon as all prerequisites are installed, the Install button will change to a Next button.

9. Click the Next button.

• The Ready to Start Installation Process screen is displayed, installation begins and finishes automatically. A progress bar informs you of the progress of the installation process.

10. Installation finishes.

The Help us to Enhance Nero Software screen is displayed. In order to offer a better service, Nero is collecting anonymous data to determine which features are used and what problems, if any, occur.

11. If you would like to help by participating in the anonymous collection of usage data, select the check box and click the Next button.

• The final screen of the installation wizard is displayed.

12. Click the Exit button.

13. A shortcut called Nero MediaHome 4 is now placed on your desktop

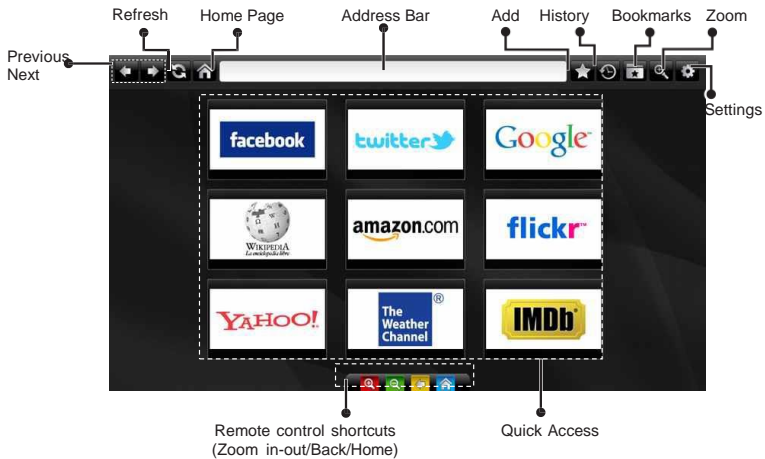**Congratulations!** You successfully installed Nero MediaHome 4 on your PC.

14. Run Nero MediaHome by pressing shortcut icon.

• Click **ADD** icon from **LOCAL FOLDERS** to add the folder you want to share with the network. Select the folder that you want to share and click **START SERVER**.

15. You can display all media types from the library. Click Refresh icon to refresh. Click **STOP SERVER** icon to stop server.

Internet Browser

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

Previous/Next · Refresh · Home Page · Address Bar · Add · History · Bookmarks · Zoom · Settings

Remote control shortcuts (Zoom in-out/Back/Home) · Quick Access

- 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.

Add

Bookmarks Quick Access
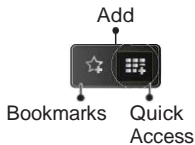
- You can navigate the web browser in three ways. First, enter any URL in the address bar.
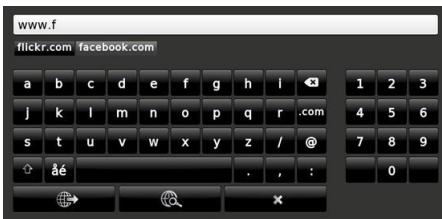
- You can search keywords by clicking the search button in the address dialog box or another way to navigate to pages is by clicking on links on web

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.
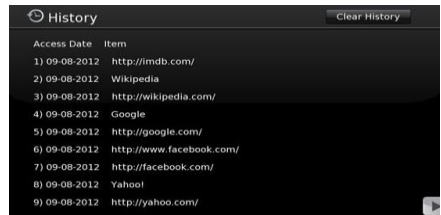
- The browser does not support multiple tabs.

- 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.

Getting Started with Skype

Make voice calls and video calls with Skype on your TV. Select the Skype app from the portal section to start a conversation.

Follow the on screen instructions to see how to operate related features.

NOTE

• Connect your supported webcam directly to the USB port on your TV.

• If the camera is not working properly, switch off and unplug the TV. Connect your camera again and turn the TV on.

• As soon as the TV is turned off, Skype disconnects.

• Voice level and sound quality are affected by environmental noise.

• Call quality can change with accordance to your internet connection.

• Please visit www.skype.com to learn more information and to see the Terms of Use about Skype.

• The TV must be connected to a network for Skype connection.

• The Skype app will alert you when someone calls whilst you are watching your TV or operating the Skype application.

• A Skype camera (can be sold separately) is required to get the full benefit of Skype's features. If you do not already have one, you will need to purchase a camera (compatible with Vesca100) to get the full benefits of Skype.

Note : When you turn on the TV and no users have been set up for Skype, the image shown to the side will appear on screen.
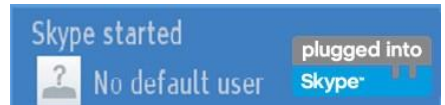
Licence Notification

Skype is a trade mark of Skype or its related companies. This product/application has not been approved or endorsed by Skype, Skype Communications S.a.r.l. or any of their related companies.

No emergency calls with Skype

Skype is not a replacement for your ordinary telephone and can't be used for emergency calling. Select the Skype app from the portal section to start a conversation.

Sign In & Sign Up Now

To use the Skype application, you need a Skype account.

You can create a Skype account, using this app, in the 'Sign In & Sign Up Now' menu if you don't already have one. If you already have a Skype account, enter your name and password correctly. Select Sign In and press OK.

If you have a Skype account and you forgot your password, press the Red button to view the "reset password" screen.

After successfully logging in to your account, the contact list will be displayed on screen.
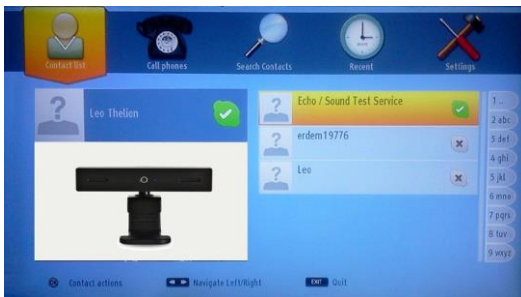
You can review your contact list on the right side of the screen. Your Skype name, mood message and your camera preview (if connected) will be displayed on the left hand side of screen.

Adding a contact
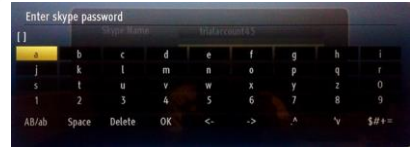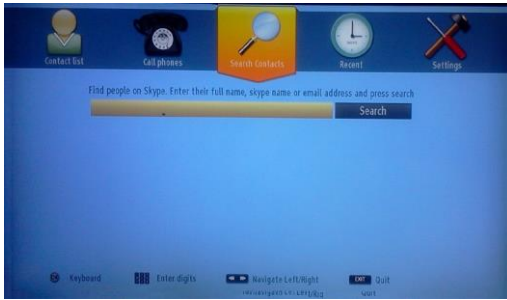
By pressing the ◀◀ ▶▶ button select Search Contacts option. Enter full name, skype name or email address to find and add.

Use remote control or virtual keyboard to enter keyword.

Recent history
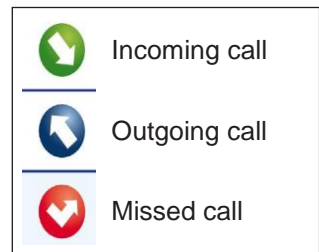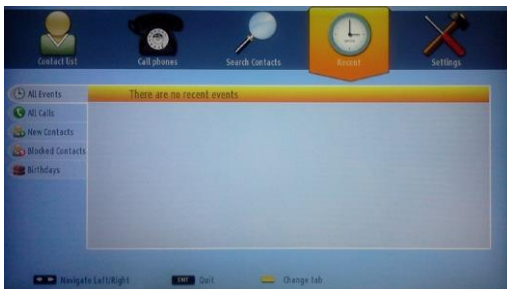
Icon meaning

Skype history can be seen in this section. To view recent history option, use p+ and p- buttons. To delete conversation press the Red button. When you pressed OK button , contact review will be displayed. Also Profile information can be displayed in this section.

Actions

Account Name, mood message and profile picture.

Online status

Select a Menu by pressing the ◄◄ ►► button.

Your contact list

(Press Ok to use video&voice call)

Help bar
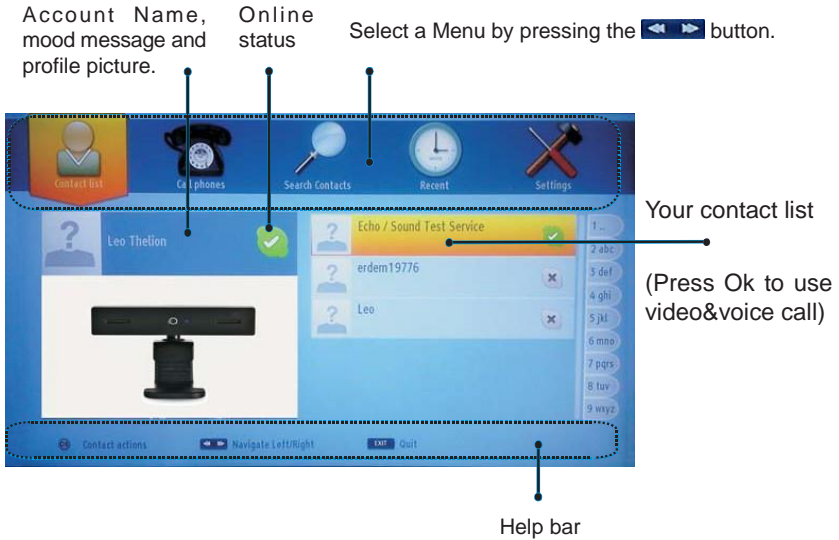
Select a person from contact list screen and press OK. Choose an action from the list and then press OK to start selected process. Voice and video call is ready for your use.

If available you will see the thumbnail view of yours and other person's.

While conversation is activated, you can mute microphone or hold the person on the line. To end of the call press the Red button.

Incoming call
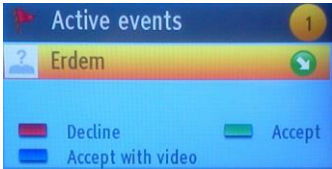
Incoming call dialog is shown when you are logged into Skype and other user initiates Skype call.

A small dialog box will appear in lower right corner of TV screen whether user watches TV or is browsing through Skype. Use the remote control button and choose your action.

Dialing Phones

Call phones option is available if you have Skype Credit. Please buy the credit firstly. Afterward please select a country then enter a phone number which is you want to call.

Entered telephone number can be saved by pressing Yellow button. Press Green button to start conversation .

Settings

All your Skype settings can be changed by using Settings menu. Please use P+ and P- buttons on the remote control to move up or down. Please select an option firstly. Change the selected option by pressing the navigation buttons.

In about section, please find the Skype terms and conditions.

Please read this notice carefully.

Other Information

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	640x350p	60 Hz
2	640x400p	60 Hz
3	1024x768	60 Hz
4	1280x768	60 Hz
5	1360x768	60 Hz
6	720x400	60 Hz
7	800x600	56 Hz
8	800x600	60 Hz
9	1024x768	60 Hz
10	1024x768	66 Hz
11	1280x768	60 Hz
12	1360x768	60 Hz
13	1280x1024	60 Hz
14	1280x960	60 Hz
15	1280x1024	60 Hz
16	1400x1050	60 Hz
17	1600x1200	60 Hz
18	1920x1080	60 Hz

AV and HDMI Signal Compatibility

Source	Supported Signals		Available
EXT (SCART)	PAL 50/60		O
	NTSC 60		O
	RGB 50		O
	RGB 60		O
Side AV	PAL 50/60		O
	NTSC 60		O
PC/ YPbPr	480I, 480P	60Hz	O
	576I, 576P	50Hz	O
	720P	50Hz,60Hz	O
	1080I	50Hz,60Hz	O
	1080P	50Hz,60Hz	O
HDMI1 HDMI2	480I	60Hz	O
	480P	60Hz	O
	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	File Extension	Format Video	Audio	Remarks (Maximum resolution/Bit rate etc.)
Movie	.mpg, .mpeg	MPEG1, 2	MPEG Layer 1/2/3	
	.dat	MPEG1, 2	MPEG2	
	.vob	MPEG2		
	.mkv	H.264, MPEG1,2,4	EAC3 / AC3	MAX 1920x1080 @ 30P 20Mbit/sec
	.mp4	MPEG4, Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2 H.264	PCM/MP3	
	.avi	MPEG2, MPEG4	PCM/MP3	
		Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2 H.264	PCM	MAX 1920x1080 @ 30P 20Mbit/sec
Music	.mp3	-	MPEG 1 Layer 1 / 2 (MP3)	32Kbps ~ 320Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)
Photo	.jpg .jpeg	Baseline JPEG		max WxH = 15360x8640 4147200bytes
		Progressive JPEG		max WxH = 1024x768 6291456bytes
	.bmp	-		max WxH = 9600x6400 3840000bytes
Subtitle	.sub	-		-
	.srt			

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

Plug replacement - UK and Ireland only

Should you need to replace the plug; the wires in the power cable are coloured in the following way:

Blue – Neutral 'N'

Brown – Live 'L'

Green & Yellow – Earth 'E'

As the colours of the wires in the power cable may not correspond with the coloured markings identifying the terminals in your plug, and proceed as follows:

The green & yellow wire must be connected to the terminal in the plug that is marked with the letter E or by the earth symbol.

The blue wire must be connected to the terminal that is marked with the letter N.

The brown wire must be connected to the terminal that is marked with the letter L.

If the power lead is damaged, it must be replaced by a qualified electrician.

Connect green/yellow lead to 'E' or - Earth

Connect brown lead to 'L' - Live

E

L

5A Fuse

N

Connect blue lead to 'N' - Neutral
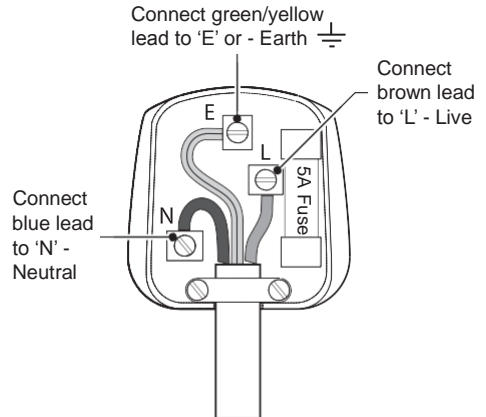
DVD Mode

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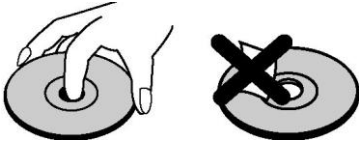
• Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature can rise quickly and damage the disc.

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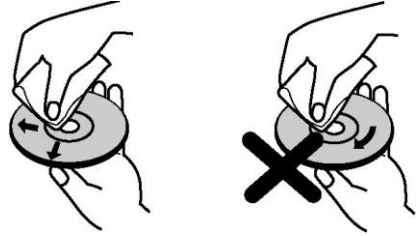
• Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

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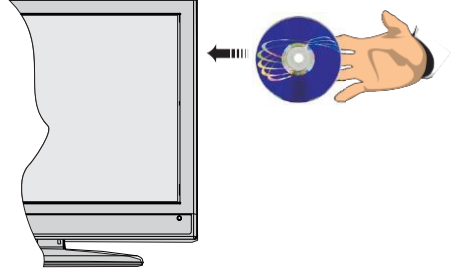
When TV set is turned on, first switch to DVD source by using the **SOURCE** button on the remote control. Press play on the remote control, or directly press play button at the front panel. If there is no disc inside the loader, place a DVD first and press play.

Note: If you switch to another source by pressing SOURCE, SWAP or P+/P- buttons on the remote control, DVD playback will be paused automatically. You should press PLAY and resume the playback manually when you switch to DVD mode.

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

DVD Control Panel Buttons

A. Disc loader

B. 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.

C. 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.
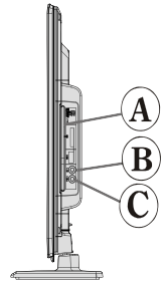
Overview of the Remote Control

1_Play

2_No function

3_Rapid reverse

4_Language selection

5_Repeat

6_Zoom

7_Numeric buttons

8_TV Menu

9_Back

10_Display / DVD Menu

11_Search mode

12_Info

13_OK / Select

14_Navigation buttons

15_Title

16_Root

17_Subtitle

18_Rapid advance

19_Stop

20_Pause

21_Angel

22_Standby
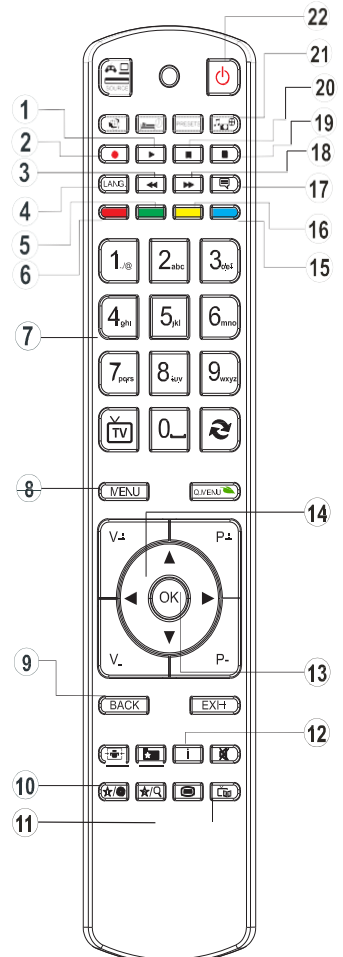
OBS: Knappar som inte är markerade med siffror fungerar intel DVD-läge.

You can operate DVD, movie CD, music or picture CD's content by using the correct 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
/	Shifts the zoomed picture left or right (if available).			
/	Highlights a menu item / Shifts the zoomed picture up or down (if available).			
/	Rapid advance / Rapid reverse			
	Views the scene from different angles (if available)	Changes slide effect (depends on the content)		X
	Clears digit (if available).			
My Button 1	Displays time / Views main setup menu			
INFO (İ)	Time counter mode selection (during playback). Press repeatedly to switch between modes.			
LANG.	Auto language		X	X
MENU	Displays TV menu.			
OK / SELECT	Enter / View / Play			
REPEAT	Displays repeat options.			
RETURN	Returns back to the previous menu (if available).			
Yellow Button	Goes back to the root folder (if available).			
My Button 2*	Direct selection of scenes or time.		Selects the desired file.	Selects the desired file.
	Subtitle on-off. Press repeatedly to switch between subtitle options.		X	X
Blue Button	Displays disc menu (if available).	Displays disc menu (if available).	X	X
MENU	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 a title by pressing number buttons directly. You need to press 0 and then digit key to switch one digit titles (*example:* to select 5, press 0 and 5).

DVD Mode supported file formats

Media	File Extension	Format		Supported (Maximum resolution/Bit rate etc.)
		Video	Audio	
Movie	.mpg/.dat/.vob	MPEG1	MPEG Layer 1/2/3	
		MPEG2	MPEG2	
	.avi	XviD/3ivx	PCM/MP3	XviD Version up to:1.1.2
		MPEG4	PCM/MP3	
		MS ISO MPEG4	PCM/MP3	Support SP and ASP
Music	-	-	PCM	Sample Rate: 8K ~ 48KHz
	.mp3	-	MPEG 1/2 Layer 1/2/3 MP3	Sample Rate: 8K ~ 48KHz, Bit Rate: 64K ~ 320Kbps
Photo	.jpg	Baseline JPEG		W x H = 8902 x 8902 up to 77 Mega-pixel Support format: 444/ 440/ 422/ 420/ Grayscale
		Progressive JPEG		Up to 4 Mega-pixel Support format: 444/ 440/ 422/ 420/ Grayscale
External Subtitles	.srt			Support Text File Format, but do not support Picture File Format
	.smi			
	.sub			
	.ssa			
	.ass			

Compatible disc types

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
DVD VIDEO	Audio + Video	12cm	Single sided; 240 min. Double sided; 480 min.	DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System. Various screen and audio functions can be easily selected through the on screen menu.
COMPACT disc DIGITAL AUDIO	Audio	12cm	74 min.	An LP is recorded as an analogue 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.
MP3 READABLE	Audio (xxxx.mp3)	12cm	Depends on MP3 quality	MP3 is recorded as a digital signal with better audio quality, less distortion and less deterioration of audio quality over time.
JPEG READABLE	Video (still picture)	12cm	Depends on JPG quality	JPEG is recorded as a digital signal with better picture quality over time.

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

General Playback

Basic Play

1. Press on the power button

2. Please insert a disc to the loader.

The disc will be automatically loaded and play commences 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 after the introduction of the Film Company. 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 "▼" / "▲" / ◀ / ▶ or the number button (s) to select the preferred title.

4. Press OK.

Play of the selected items now starts. 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 is not available.

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.

DVD Troubleshooting

The picture quality is poor (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 drawer with the label uppermost.

• 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 drawer with the label uppermost.

• 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

• Have you pressed the correct buttons on the remote control? Try once more.

No sound

• Check the volume is set to an audible level.

• Make sure you have not switched the sound off accidentally.

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.

The Argos Technical Helpline is here to help

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 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.

Argos

Product Guarantee

This product is guaranteed against manufacturing defects for a period of

1 Year

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 invalided 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 with in the guarantee period call the **Customer Helpline: 0345 604 0105**.

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

A	**Product Fiche**		
B	**Comercial Brand: BUSH**		
C	**Product No.**	10084837	
D	**Model No.**	LED24127DVDCNTD	
E	**Energy efficiency class**	A	
F	**Visible screen size (diagonal, approx.) (inch/cm)**	24 inches	61 cm
G	**On mode average power consumption (Watt)**	25	
H	**Annual energy consumption (kWh/annum)**	36	
I	**Standby power consumption (Watt)**	0,5	
J	**Off mode power consumption (Watt)**	0	
K	**Display resolution (px)**	1920 x 1080	

Home Retail Group
489-499 Avebury Boulevard
Saxon Gate West
Central Milton Keynes
MK9 2NW

50248665