

AKAI

LED-TV / DVB-T/C TUNER

AL4222SMART



Handleiding

User manual

Manuel de l'utilisateur

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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 pressed Right button, "**Screen will be off in 15 seconds.**" message will be displayed on the screen. Select **PROCEED** and press **OK** to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again. If you disable **Power Save Mode**, picture mode will be automatically set to **Dynamic**.

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: "**TV switched to stand-by mode automatically because there was no signal for a long time**". 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. "**TV switched to stand-by mode automatically because no operation was made for a long time**" Press **OK** to continue.

Features

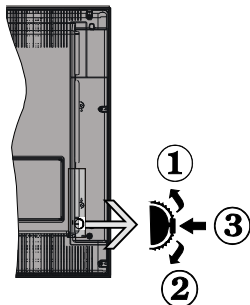
- Remote controlled colour TV
- Fully integrated digital terrestrial/cable TV (DVB-T/C)
- HDMI inputs to connect other devices with HDMI sockets
- USB input
- OSD menu system
- Scart socket for external devices (such as DVD Players, PVR, video games, etc.)
- Stereo sound system
- Teletext
- Headphone 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)
- Programme recording
- Programme timeshifting
- Ethernet (LAN) for Internet connectivity and service
- 802.11n built in WIFI Support.
- DLNA

Accessories Included

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

TV Control Switch & Operation



1. Up direction

2. Down direction

3. Volume / Info / Sources List selection and Standby-On 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 information banner will appear on the screen. Scroll through the stored channels by pushing the button up or down.

To change source: Press the middle of the button twice (for the second time in total), the source list will appear on the 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.

Notes:

- If you turn the TV off, this circle starts again beginning with the volume setting.
- Main menu OSD cannot be displayed via control buttons.

Operation with the Remote Control

Press the **Menu** button on your remote control to display the main menu screen. Use the **Left** or **Right** button to select a menu tab and press the **OK** to enter. Use **Left / Right / Up / Down** buttons to select or set an item. Press **Return/Back** or **Menu** button to quit a menu screen.

Input Selection

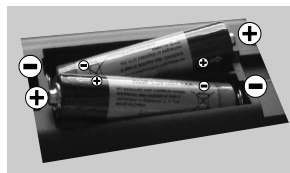
Once you have connected external systems to your TV, you can switch to different input sources. Press the **Source** button on your remote control consecutively to select the different inputs.

Changing Channels and Volume

You can change the channel and adjust the volume by using the **Volume +/-** and **Programme +/-** buttons on the remote.

Inserting the Batteries into the Remote

Lift the cover on the back of the remote gently. Insert two **AAA** batteries. Make sure the (+) and (-) signs match (observe correct polarity). Place the cover back on.

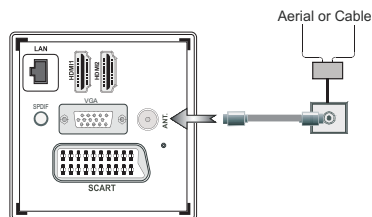


Connect Power

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/Cable Connection

Connect the aerial or cable TV plug to AERIAL INPUT (ANT-TV) socket located on the rear bottom side of the TV.



Notification

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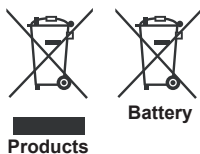
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Information for Users on Disposal of Old Equipment and Batteries

[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.



Products

Battery

Specification

TV Broadcasting	PAL SECAM BG/I/DK/LL'
Receiving Channels	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND
Digital Reception	Fully integrated digital terrestrial-cable TV(DVB-T-C)
Number of Preset Channels	1000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz.
Audio	German+Nicam Stereo
Audio Output Power (WRMS.) (10% THD)	2x8
Power Consumption	75W
Weight	11,00
TV Dimensions DxLxH (with foot)	220 x 965 x 611
TV Dimensions DxLxH (without foot)	79/98 x 965 x 568
Operation temperature and operation humidity	0°C up to 40°C, 85% humidity max

Teletext

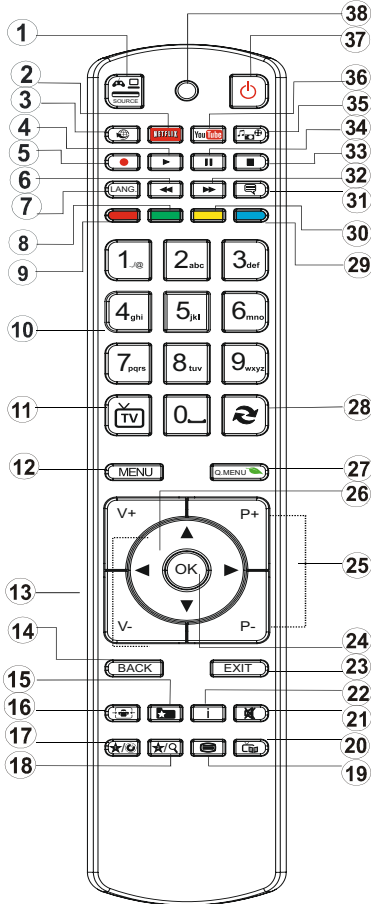
Press the **Text** button to enter. Press again to activate mix mode, which allows you to see the teletext page and the TV broadcast at the same time. Press once more to exit. If available, sections in the teletext pages will become colour-coded and can be selected by pressing the coloured buttons. Follow the instructions displayed on digital teletext screen.

Digital Teletext

Press the **Text** 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 **Text** button is pressed again, the TV returns to television broadcast.

Getting Started

Remote Control - 1



1. Source
2. Launches Netflix Application
3. Internet Portal
4. Play (in media browser mode)
5. Programme recording
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) / Timeshift recording
35. Media browser
36. Launches Youtube
37. Standby button
38. Function LED

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

Using My button 1 (*)



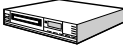




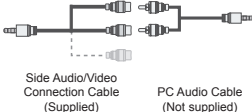



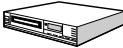









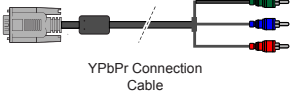




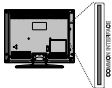





This button's main function is to run Youtube link. However, if you want to change this function, you can press MY BUTTON 1 for five seconds when on a desired source, channel or link, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected MY BUTTON is now associated with the selected function. Note that if you perform first time installation, MY BUTTON 1 will return to its default function.


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.

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 (Coaxial Out) Connection (back)		
SIDE AV 	Side AV (Audio/Video) Connection (side)	 Side AV Connection Cable (supplied)	
HEADPHONE 	Headphone Connection (side)		
 YPBPR	YPbPr Video Connection (side)	 YPbPr Connection Cable	
	USB Connection (side)		
	CI Connection (side)		
LAN 	Ethernet Connection (back)	 LAN / Ethernet Cable	

 **NOTE:** When connecting a device via the YPbPr or Side AV input, you must use connection cables to enable connection. See the illustrations on the left side. | To enable PC audio, you will need to use 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.



If you want to connect a device to the TV, make sure that both the TV and the device are turned off before making any connection. After the connection is done, you can turn on the units and use them.

Getting Started

First Time Installation - USB Connections

Switching On/Off

To Switch the TV On

Connect the power cord to a power source such as a wall socket (220-240V AC, 50 Hz).

To switch on the TV from standby mode either:

Press the **Standby** button, **Programme +/-** or a numeric button on the remote control.

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

To Switch the TV Off

Press the **Standby** button on the remote control or press the side function switch on the TV 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 into 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**.

On the next screen, set your preferences using the navigation buttons and when finished, press **OK** to continue.

Note: Depending on the Country selection you may be asked to set and confirm a PIN at this point. The selected PIN cannot be 0000. You have to enter it if you are asked to enter a PIN for any menu operation later.

You can activate **Store Mode** option at this point. This option is intended only for store use. It is recommended to select **Home Mode** for home use. If **Store Mode** is selected, a confirmation screen will be displayed. Select **YES** to proceed. This option will be available in **Other Settings** menu and can be turned off/on later.

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 selection screen, the television will search for digital terrestrial TV broadcasts. After all the available stations are stored, the **Channel List** will be displayed on the screen.

While the search continues a message will appear, asking whether you want to sort channels according to the LCN(*). Select **Yes** and press **OK** to confirm.

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

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

Cable Installation

If you select **Cable** option and press **OK** button on the remote control, a confirmation screen will be displayed. Select **YES** and press **OK** to proceed. To cancel operation, select **NO** and press **OK**. You can select frequency ranges from next screen. Enter the frequency range manually by using the numeric buttons. When finished, press **OK** button to start automatic search.

Note: Searching duration will change depending on the selected search step.

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 the files on your storage devices before connecting them 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 USB hard drives which have more than 1TB (Tera Byte) storage space you may experience some problems in the formatting process.

Wait a little while before each plugging and unplugging as the player may still be reading files. Failure to do so may cause physical damage to the USB player and the USB device itself. Do not pull out your drive 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.

Note: When viewing image files the media browser menu can only display 1000 image files stored on the connected USB device.

Recording a Programme

IMPORTANT: When using a new USB hard disk drive, it is recommended that you first format the disk using your TV's "Format Disk" option.

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 the recording feature.

To use recording your USB drive should have 1 GB free space and be USB 2.0 compatible. If the USB drive is not compatible an error message will be displayed.

Recorded programmes are saved into the connected USB disk. If desired, you can store/copy recordings onto a computer; however, these files will not be available to be played on a computer. You can play the recordings only via your TV.

Lip Sync delay may occur during the timeshifting. Radio record is supported. The TV can record programmes up to ten hours.

Recorded programmes are split into 4GB partitions.

If the writing speed of the connected USB disk is not sufficient, the recording may fail and the timeshifting feature may not be available.

It is recommended to use USB hard disk drives for recording HD programmes.

Do not plug out the USB/HDD during a recording. This may harm the connected USB/HDD.

Multipartition support is available. A maximum of two different partitions are supported. The first partition of the USB disk is used for PVR ready features. It also must be formatted as the primary partition to be used for the PVR ready features.

Some stream packets may not be recorded because of signal problems, as a result sometimes videos may freeze during playback.

Record, Play, Pause, Display (for PlayListDialog) keys can not be used when teletext is ON. If a recording starts from timer when teletext is ON, teletext is automatically turned off. Also teletext usage is disabled when there is an ongoing recording or playback.

Timeshift Recording

Press **Pause** button while watching a broadcast to activate timeshifting mode. In timeshifting mode, the programme is paused and simultaneously recorded to the connected USB disk.

Press **Play** button again to resume the paused programme from where you stopped. Press the **Stop** button to stop timeshift recording and return to the live broadcast.

Timeshift cannot be used while in radio mode.

You cannot use the timeshift fast reverse feature before advancing the playback with the fast forward option.

Instant Recording

Press **Record** button to start recording an event instantly while watching a programme. You can press **Record** button on the remote control again to record the next event on the EPG. In this case, an OSD will be displayed, indicating the programmed events for recording. Press **Stop** button to cancel instant recording.

You can not switch broadcasts or view the Media Browser during the recording mode. While recording a programme or during the timeshifting, a warning message appears on the screen if your USB device speed is not sufficient.

Watching Recorded Programmes

Select the **Recordings Library** from the **Media Browser** menu. Select a recorded item from the list (if previously recorded). Press the **OK** button to view the **Play Options**. Select an option then press **OK** button.

Note: Viewing main menu and menu items will not be available during the playback.

Press the **Stop** button to stop a playback and return to the Recordings Library.

Slow Forward

If you press **Pause** button while watching recorded programmes, the slow forward feature will be available. You can use **Rapid advance** button to slow forward. Pressing **Rapid advance** button consecutively will change slow forwarding speed.

Recording Configuration

Select the Recording Configuration item in the Settings menu to configure the recording settings.

Format Disk: You can use the Format Disk feature for formatting the connected USB disk. Your pin is required to use the Format Disk feature (default pin is 0000).

Default PIN code can change depending on the selected country.




If you are asked to enter a PIN code for viewing a menu option, use one of the following codes: **4725**, **0000** or **1234**.

IMPORTANT: Formatting your USB drive will erase ALL the data on it and it's file system will be converted to FAT32. In most cases operation errors will be fixed after a format but you will lose ALL your data.

If "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.

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 the Play button 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/Play button 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** and **Information booklet** options. Press **Quick Menu** button on the remote control to view the quick menu. See the following chapters for details of the listed features.

FollowMe TV

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 device.

FollowMe TV to DMR

This feature allows video streaming from your TV to another TV or mobile devices, using proper applications (e.g. UPnP - Universal Plug and Play - applications like BubbleUPnP). Activate **FollowMe TV to DMR** and timeshifting starts. Press the red button and device selection menu will be displayed. Choose your device and press **OK**.

Note: FollowMeTV and FollowMe TV to DMR features work correlated with the PVR feature and requires a connected USB storage device with FAT32 format and enough space in it. HD channels are not supported and both of the devices must be connected to the same network.

E-Manual

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 the 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 **Other Settings** menu under **Settings** 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(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 **Q.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 **Settings/Other Settings** 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.

TV Menu Features and Functions

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	Adjusts the light and dark values on the screen.
Brightness	Adjusts the brightness values on 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	For setting the Power Save Mode to Eco, Picture Off or 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	
Dynamic 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 option is 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.
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.
PC Position	
Autoposition	Automatically optimizes the display. Press OK to optimize.
H Position	This item shifts the image horizontally to the right hand side or left hand side of the screen.
V Position	This item shifts the image vertically towards the top or bottom of the screen.
Dot Clock	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	Depending on the input source(computer etc.) you may see a hazy or noisy picture on the screen. You can use phase to get a clearer picture by trial and error.
Reset	Resets the picture settings to factory default settings (except Game Mode).
<i>While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.</i>	

Sound Menu Contents	
Volume	Adjusts the volume level.
Equalizer	Selects the equalizer mode. Custom settings can be made only when in user mode.
Balance	Adjusts whether the sound comes from the left or right speaker.
Headphone	Sets headphone volume.
Sound Mode	You can select a sound mode (If the viewed channel supports).
AVL (Automatic Volume Limiting)	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.
Dynamic Bass	Enables or disables the Dynamic Bass.
Digital Out	Sets digital out audio type.
Settings Menu Contents	
Conditional Access	Controls conditional access modules when available.
Language	You may set a different language depending on the broadcaster and the country.
Parental(*)	Enter correct password to change parental settings. You can easily adjust menu lock, maturity lock(may change depending on the country selected) and child lock in this menu. You can also set new pin number. Note: Default PIN can be set to 0000 or 1234. If you have defined the PIN(is requested depending on the country selection) during the First Time Installation use the PIN that you have defined.
Timers	Sets sleep timer to turn off the TV after a certain time. Sets timers for selected programmes.
Recording Configuration	Displays the recording configuration menu (USB connection required).
Date/Time	Sets date and time.
Sources	Enables or disables selected source options.
Network Settings	Displays network settings.
Other Settings	Displays other setting options of the TV.
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	Ensures that your TV has the latest firmware.
Application Version	Displays application version.
Hard of Hearing	Enables any special feature sent from the broadcaster.

Audio Description	A narration track will be played for the blind or visually impaired audience. This feature is available only if the broadcaster supports it. Note: Audio description sound feature is not available in recording or time shifting mode.
Auto TV Off	Sets the desired time for the TV to automatically go into standby mode when not being operated.
Standby Search (Optional)	Your TV will search for new or missing channels while in standby. Any new found broadcasts will be shown.
Store Mode	Select this mode for store display purposes. Whilst Store Mode is enabled, some items in the TV menu may not be available.
Media Renderer	Media 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. Media renderer mode will not be available with internet portal feature.
Power Up Mode	This setting configures the power up mode preference.
Virtual Remote	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.
FollowMe TV	Enable or disable this feature.
FollowMe TV to DMR	Enable or disable this feature.
Netflix	You can view your ESN(*) number and deactivate Netflix. (*) ESN number is a unique ID number for Netflix, created especially to identify your TV.

Install and Retune Menu Contents

Automatic Channel Scan (Retune)	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. 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.

The open browser application in the portal, may become disabled due to changes made in the parental settings. This can be done in 3 different ways according to the country selection made in the first time installation.

If the selected country is England; turning child lock on will disable open browser.

If the selected country is France; adjusting the maturity lock for users aged 15 and younger will disable open browser.

If another country is selected except the two above; turning any of the maturity lock settings on will disable open browser.

Note: Default PIN can be set to **0000** or **1234**. If you have defined the PIN (is requested depending on the country selection) during the **First Time Installation** use the PIN that you have defined.

Some options may not be available depending on the country.

Electronic Programme Guide (EPG)

Some channels send information about their broadcast schedules. Press the **Epg** 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): Press the **Yellow** button to see events in a wider time interval.

Blue button (Filter): Views filtering options.

SUBTTL: Press **Subtitles** 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 highlighted.

Info button: Displays detailed information about selected programmes.

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

OK: Displays programme options.

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

Swap button (Now): Displays current event of the highlighted channel.

Record button: The TV will start to record the selected programme. You can press again to stop the recording.

IMPORTANT: Connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable the recording feature.

Note: Switching to a different broadcast or source is not available during a recording.

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.

Record / Delete Record Timer

After you have selected a programme in the **EPG** menu, press the **OK** button. Select the **Record** option and press the **OK** button. After this operation, a recording will be scheduled for the selected programme.

To cancel an already set recording, highlight that programme and press the **OK** button and select the option **Delete Rec. Timer**. The recording will be cancelled.

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.

Software Upgrade

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

Software upgrade search via user interface

On the main menu select **Settings** and then **Other Settings**. Navigate to **Software Upgrade** and press **OK** button. In **Upgrade Options** menu select **Scan for upgrade** and press **OK** button to check for a new software upgrade.

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

Your TV will search for new upgrades at 3:00 o'clock if **Automatic scanning** in the **Upgrade Options** menu is **Enabled** and if the TV is connected to an aerial signal.

Note: If the TV fails to come on after the upgrade, unplug, wait for two minutes then plug it back in.

Troubleshooting & Tips

Tv will not turn on

Make sure the power cord is plugged in securely to wall outlet. Check if batteries are exhausted. Press the Power button on the TV.

Poor picture

- Check if you have 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

- This means your TV is not receiving any transmission. Make sure the correct 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

- Check if the TV is muted. Press the **Mute** button or increase the volume to check.
- Sound may be coming from only one speaker. Check the balance settings from sound menu.

Remote control - no operation

- The batteries may be exhausted. Replace the batteries.

Input sources - can not be selected

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

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.

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.

Index	Resolution	Frequency
1	640x350	85Hz
2	640x400	70Hz
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 (SCART)	PAL	O	
	NTSC 60	O	
	RGB 50/60	O	
Side AV	SECAM	O	
	PAL 50/60	O	
	NTSC 60	O	
YPbPr	SECAM		
	480i, 480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz,60Hz	O
HDMI 1 HDMI 2	1080i	50Hz,60Hz	O
	480i	60Hz	O
	480p	60Hz	O
	576i, 576p	50Hz	O
	720p	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	.dat, .mpg, .mpeg	Mpeg1-2	1080P@30fps, 50Mbit/sec	
	.ts, .trp, .tp, .m2ts	MPEG2, H.264, VC1, AVS, MVC	H.264:1080Px2@25fps, 1080P@50fps MVC:1080P@24fps Other: 1080P@30fps - 50Mbit/sec	
	.vob	MPEG2	1080P@30fps 50Mbit/sec	
	.mkv	MPEG1-2-4, H.264	H.264:1080Px2@25fps, 1080P@50fps, 1080P@30fps, 50Mbit/sec	
	.mp4	MPEG4, XviD, H.264	H.264:1080Px2@25fps, 1080P@50fps, 1080P@30fps, 50Mbit/sec	
	.avi	MPEG2-4, Xvid, H.264	H.264:1080Px2@25fps, 1080P@50fps, 1080P@30fps, 50Mbit/sec	
	.fla, .flv	H.264, Sorenson H.263	H.264:1080Px2@25fps, 1080P@50fps, 1080P@30fps, 40Mbit/sec	
	.3gp	MPEG4, H.264	1920x1080@30P 20Mbit/sec	
	.asf, .wmv	VC1	1080P@30fps, 50Mbit/sec	
Audio	.mp3	MPEG1/2 Layer 1/2/3 (MP3)	Layer1: 32Kbps ~ 448Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate) Layer2: 8Kbps ~ 384Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate) Layer3: 8Kbps ~ 320Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate)	
	.wav	LPCM		
	.WMA/ ASF	WMA, WMA Pro	WMA: 128bps ~ 320Kbps (Bit rate) / 8KHz ~ 48KHz (Sampling rate) WMA Pro: < 768kbps (Bit rate) / ~ 96KHz (Sampling rate)	
	.m4a/ .aac	AAC, HEAAC	Free Format (Bit rate) / 8KHz ~ 48KHz (Sampling rate)	
	.pcm	PCM	8Kbps ~ 320Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate)	
	(works only with video files)	AC3		32Kbps ~ 640Kbps (Bit rate) / 32KHz, 44.1KHz, 48KHz (Sampling rate)
		EAC3		32Kbps ~ 6 Mbps (Bit rate) / 32KHz, 44.1KHz, 48KHz (Sampling rate)
		LPCM		64Kbps ~ 1.5Mbps (Bit rate) / 8KHz ~ 48KHz (Sampling rate)
IMA-ADPCM/ MS-ADPCM			384Kbps (Bit rate) / 8KHz ~ 48KHz (Sampling rate)	
	G711 A/mu-law		64~128Kbps (Bit rate) / 8KHz (Sampling rate)	
Picture	.jpeg	Baseline	Resolution(WxH): 15360x8640, 4147200 bytes	
		Progressive	Resolution(WxH): 1024x768, 6291456 bytes	
	.png	non-interlace	Resolution(WxH): 9600x6400, 3840000 bytes	
		interlace	Resolution(WxH): 1200x800, 3840000 bytes	
	.bmp		Resolution(WxH): 9600x6400, 3840000 bytes	
Subtitle	.sub	-	Sub1, Sub2, Sub3	
	.srt	-		

Supported DVI Resolutions

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

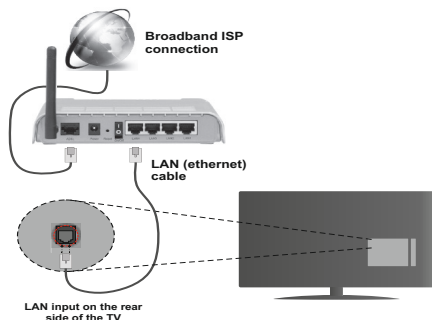
	56Hz	60Hz	66Hz	70Hz	72Hz	75Hz
640x400				<input checked="" type="checkbox"/>		
640x480		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
800x600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<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"/>				

Connectivity

Wired Connectivity

To Connect to a Wired Network

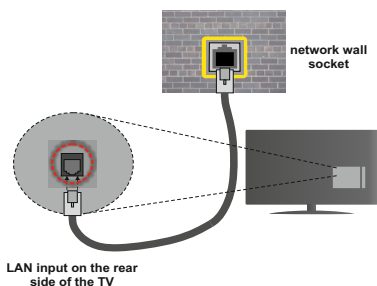
- You must have a modem/router connected to an active broadband connection.
- Ensure that Nero Media Home software is installed to your PC (for DLNA function). See "Nero Media Home Installation" section.
- Connect your PC to your modem/router. This can be a wired or wireless connection.
- Connect your TV to your modem/router via an ethernet cable. There is a LAN port at the rear (back) of your TV.



- 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.

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

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



Configuring Wired Device Settings

Network Type

The Network type can be selected as **Wired** or **Wireless Device**, in accordance with the active connection to the TV set. Select this as **Wired Device** 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 exit.

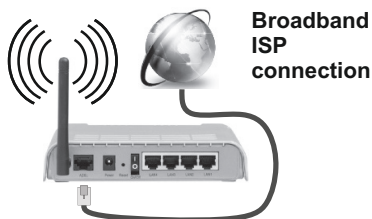
Wireless Connectivity

To Connect to a Wireless Network

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

To Connect to a wireless LAN, you should perform the following steps:

1. Ensure that Nero Media Home software is installed to your PC (for DLNA function).
2. 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 feature of TV 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

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.

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 Miracast

Miracast is a wireless display standard which enables sharing of screens including graphical, video and audio content between your mobile device and TV.

Plug the wireless USB dongle to TV first, if the TV doesn't have internal WiFi feature.

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 Miracast. Scanning and connecting processes differ according to the programme you use. Android based mobile devices should have the software version V4.1.2 and above.

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 Connectivity” 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 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 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. Nero Media Home Installation

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

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, **Device Selection** screen will be displayed after selecting the desired media type. Select the desired one and press **OK** to display the content of the selected network or USB memory. 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 Up or Down buttons and press **OK**.

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

Select **Videos** from this screen again 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 Menu** 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.

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.

Congratulations! You successfully installed Nero MediaHome on your PC.

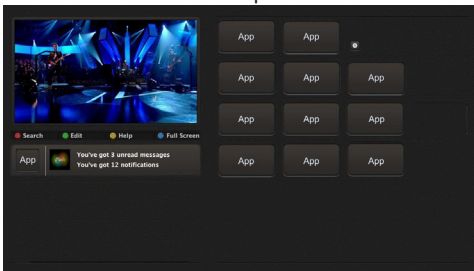
Run Nero MediaHome by double clicking on the shortcut icon.

Internet Portal(OEM)

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

Ensure the TV is connected to a Wired/Wireless(if available) network. After the connection is established, you can view portal options.

Press **Internet** 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

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

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

Use the Left or Right, Up or Down buttons to navigate between the items on Portal screen. Press the **OK** button to confirm your selection. Press the **Return/Back** button to go to the previous screen.

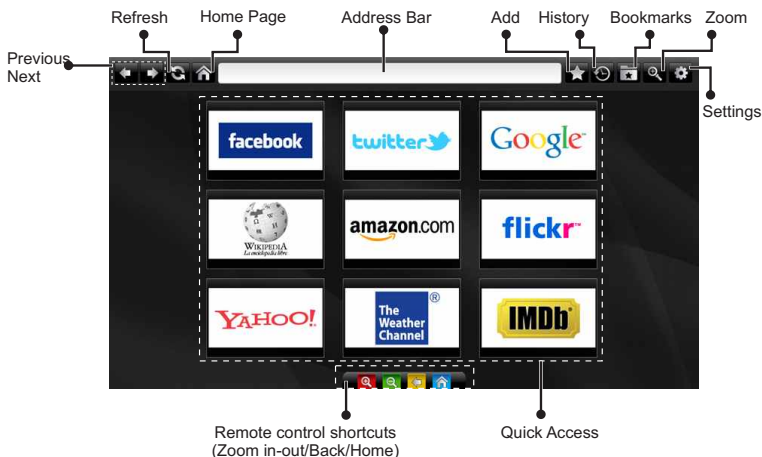
Press the **Exit** button to quit the Internet portal mode.

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

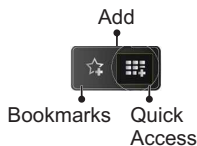
Some applications might become disabled due to changes made in the **Parental Settings**.

Internet Browser

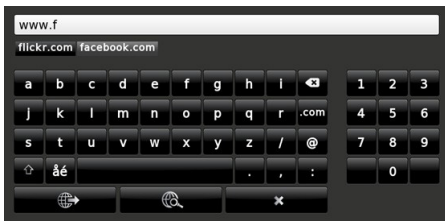
To use the internet browser, please select the internet browser logo from the portal section.



- 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.



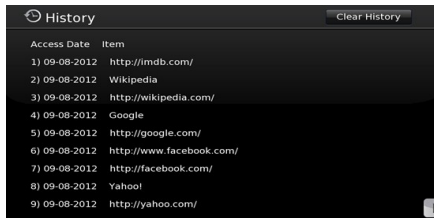
- You can navigate the web browser in three ways. First, enter any URL in the address bar.



- 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.

Contenu

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Consignes de sécurité



ATTENTION
RISQUE D'ÉLECTROCUTION
NE PAS OUVRIR



ATTENTION : POUR ÉVITER TOUT RISQUE D'ÉLECTROCUTION, NE RETIREZ PAS LE COUVERCLE (OU L'ARRIÈRE). L'ENTRETIEN DES PIÈCES INTERNES EST INTERDIT AUX UTILISATEURS. VEUILLEZ CONFIER L'ENTRETIEN À UN PERSONNEL QUALIFIÉ.

Le fait de faire fonctionner votre téléviseur dans des conditions ambiantes extrêmes peut l'endommager.



Pendant des phénomènes météorologiques extrêmes (tempêtes, foudre) et de longues périodes d'inactivité (aller en vacances), débranchez le téléviseur du secteur. La prise d'alimentation est utilisée pour débrancher le téléviseur de l'alimentation secteur et doit donc rester facilement opérable.



Ce signal apparaît chaque fois que vous avez besoin d'importantes informations concernant le fonctionnement et l'entretien de l'appareil, contenues dans le manuel fourni.


Remarque : Respectez les consignes à l'écran afin d'utiliser les fonctions y relatives.






IMPORTANT - Veuillez lire attentivement ces instructions avant d'installer ou de faire fonctionner votre appareil

AVERTISSEMENT : Ne jamais permettre aux personnes (y compris les enfants) souffrant de déficiences physiques, sensorielles ou mentales et/ou manquant de connaissances appropriées, d'utiliser un appareil électrique sans être encadrées par une autre personne responsable de leur sécurité.

- Pour la ventilation, laissez un espace d'au moins 10 cm autour du poste.
- **N'obstruez pas** les trous de ventilation.
- Évitez d'installer le téléviseur en surface en pente ou instable, le téléviseur se renverser
- Utilisez cet appareil sous des climats modérés.
- Le cordon d'alimentation doit être facilement accessible. **Évitez** de placer le téléviseur ou le coffre, etc. sur le cordon d'alimentation. Un cordon ou une prise de raccordement endommagé(e) peut causer un incendie ou vous infliger une décharge électrique. Tenez le cordon d'alimentation par sa fiche, **ne pas** débrancher le téléviseur en tirant sur le cordon d'alimentation. Ne touchez jamais le cordon/la prise d'alimentation avec des mains humides, car cela pourrait causer un court-circuit ou une commotion électrique. Ne faites jamais de nœud sur le cordon et ne l'attachez pas à d'autres cordons. Lorsqu'il est endommagé, il doit être remplacé, cette opération doit uniquement être effectuée par un personnel qualifié.
- **Évitez** d'utiliser le téléviseur à un endroit humide ou mouillé. N'exposez pas le téléviseur aux liquides. Si un liquide se déverse à l'intérieur du poste, débranchez immédiatement le téléviseur et faites-le vérifier par un personnel qualifié avant de continuer à l'utiliser.
- **N'exposez pas** le téléviseur à la lumière directe du soleil, aux flammes nues ou évitez de le placer à proximité des

sources de chaleur, comme des radiateurs électriques.

- Écouter du son à des volumes excessifs à partir d'écouteurs et des casques peut entraîner une perte auditive.
- Assurez-vous qu'aucune source de flammes nues, notamment des bougies, ne soit placée au dessus du téléviseur. 
- Pour éviter toutes blessures, ce téléviseur doit être solidement fixé à un mur, tout en suivant attentivement les instructions (si cette option est disponible).
- Occasionnellement, quelques pixels non actifs peuvent apparaître à l'écran, comme un point bleu, vert ou rouge fixe. Veuillez noter que cela n'affecte en aucun cas les performances de votre produit. Assurez-vous de ne pas rayer l'écran avec les ongles ou des objets solides.
- Avant le nettoyage, débranchez le téléviseur de la prise murale. Utilisez uniquement un chiffon doux et sec pour nettoyer l'appareil.

 Avertissement	Blessures graves ou risque de mort
 Risque d'électrocution	Risque de tension dangereuse
 Attention	Risque de blessures ou de dommages matériels
 Important	Fonctionnement correct du système
 Remarque	Remarques supplémentaires

Mise en route

Notifications, Fonctions et Accessoires

Informations sur l'environnement

Ce téléviseur est conçu pour consommer moins d'énergie aux fins écologiques. Pour réduire effectivement votre consommation électrique, vous devez suivre les étapes ci-après :

Vous pouvez utiliser le Mode Économie d'énergie, du menu Image. Si vous définissez le Mode économie d'énergie sur **Eco**, le téléviseur basculera sur ce mode et la luminosité de l'appareil sera réduite au niveau optimal. Notez que certains paramètres d'image ne peuvent pas être modifiés lorsque le téléviseur est en mode Économie d'énergie.

Si vous appuyez sur le bouton Droit, le message, « **L'écran s'éteint dans 15 secondes.** » s'affichera à l'écran. Sélectionnez **CONTINUER** puis appuyez sur **OK** pour éteindre immédiatement l'écran. Si vous n'appuyez sur aucun bouton, l'écran s'éteindra au bout de 15 secondes. Appuyez sur n'importe quelle touche de la télécommande ou sur le téléviseur pour allumer l'écran à nouveau. Si vous désactivez le **mode Économie d'énergie**, le mode Image sera automatiquement défini sur **Dynamique**.

Lorsque le téléviseur n'est pas utilisé, veuillez l'éteindre ou le débrancher du secteur. Cela permettra également de réduire la consommation d'énergie.

Mise en veille

1) Si le téléviseur ne reçoit aucun signal d'entrée (par exemple à partir d'une antenne ou d'une source HDMI) pendant 5 minutes, le téléviseur passe en mode veille. Lors de la prochaine mise en marche, le message suivant s'affiche à l'écran : « **TV commuté en mode veille automatiquement en raison de l'absence de signal pendant une longue période** ». Appuyez sur **OK** pour continuer.

2) Si le téléviseur reste allumé et non utilisé pendant un moment, il se met en veille. Lors de la prochaine mise en marche, le message suivant s'affiche à l'écran. « **TV commuté en mode veille automatiquement en raison de la non utilisation pendant une longue période** » Appuyez sur **OK** pour continuer.

Fonctions

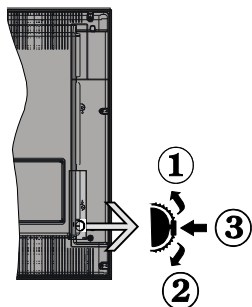
- TV couleur avec télécommande
- TV numérique avec antenne/par câble entièrement intégré (DVB-T/C)
- Entrées HDMI pour connecter d'autres appareils aux prises HDMI
- Entrée USB
- Système de menu OSD

- Prise péritel pour appareils externes (appareil vidéo, jeu vidéo, appareil audio, etc.)
- Système de son stéréo
- Télétexte
- Connexion de casque
- Système de programmation automatique
- Réglage manuel
- Arrêt automatique après six heures
- Minuterie
- Verrouillage parental
- Coupure automatique du son en l'absence de transmission.
- Lecture NTSC
- AVL (Limitation automatique du volume)
- PLL (Recherche de fréquences)
- Entrée PC
- Plug & Play pour Windows 98, ME, 2000, XP, Vista, Windows 7
- Mode Jeu (en option)
- Enregistrement de programme
- Décalage de programme
- Ethernet (LAN) pour connexion et services Internet
- Support WIFI 802.11n intégré
- DLNA

Accessoires inclus

- Télécommande
- Piles : 2 x AAA
- Manuel d'instructions
- Guide de démarrage rapide
- Câble de connexion AV latéral

Commutateur de commande et fonctionnement de la TV



1. Direction précédente

2. Direction suivante

3. Volume/Info/Sélection de la liste de sources et Commutateur de mise en veille

Le bouton de commande vous permet de contrôler le volume, le programme, la source et la mise en veille de votre TV.

Pour régler le volume : Augmentez le volume en appuyant sur le bouton Haut. Diminuez le volume en appuyant sur le bouton Bas.

Pour changer de chaîne : Une fois que vous appuyez sur le milieu du bouton, la barre d'informations s'affiche à l'écran. Parcourez les chaînes mémorisées en appuyant sur le bouton Haut ou Bas.

Pour changer la source : Une fois que vous appuyez deux fois sur le milieu du bouton (pour la seconde fois au total), la liste des sources s'affiche à l'écran. Parcourez les sources disponibles en appuyant sur le bouton Haut ou Bas.

Pour éteindre la TV : Appuyez sur le centre du bouton vers le bas et maintenez-le enfoncé pendant quelques secondes, le téléviseur passe alors en mode veille.

Remarques :

- Si vous éteignez le téléviseur, la procédure recommence par le réglage du volume.
- Il est impossible d'afficher le menu principal OSD via les boutons de commande.

Fonctionnement de la TV à l'aide de la télécommande

Appuyez sur la touche **Menu** de votre télécommande pour afficher le menu principal. Utilisez les boutons **Gauche** ou **Droite** pour sélectionner un onglet de menu, puis appuyez sur **OK** pour entrer. Utilisez les boutons **Gauche / Droite / Haut / Bas** pour sélectionner ou définir une option. Appuyez sur les boutons **Return/Back** ou **Menu** pour quitter un menu.

Sélection d'entrée

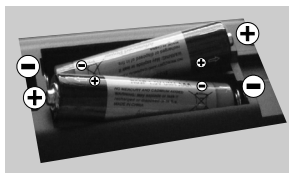
Une fois que vous avez connecté des systèmes externes à votre téléviseur, vous pouvez passer à différentes sources d'entrée. Appuyez sur la touche **Source** de votre télécommande pour sélectionner successivement les différentes entrées.

Changer les chaînes et régler le volume

Vous pouvez changer de chaîne et régler le volume à l'aide des touches **Volume +/-** et **Programme +/-** de la télécommande.

Insertion des piles dans la télécommande

Soulevez doucement le couvercle situé à l'arrière de la télécommande. Insérez deux piles **AAA**. Assurez-vous que les signes (+) et (-) correspondent (respectez la polarité). Remplacez le couvercle.

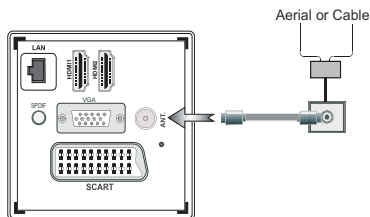


Branchement à l'alimentation

IMPORTANT : Le téléviseur a été conçu uniquement pour fonctionner en **220-240 V AC, 50 Hz**. Après déballage, laissez le téléviseur atteindre la température ambiante de la pièce avant de le brancher sur la prise secteur. Branchez le câble d'alimentation à la prise secteur.

Branchement de l'antenne/Câble

Branchez le câble de l'antenne ou la prise TV à la prise d'ENTRÉE DE L'ANTENNE (ANT-TV) située à l'arrière en bas du téléviseur.



Notification

RECONNAISSANCE DE MARQUE COMMERCIALE

Fabriqué sous licence de Dolby Laboratories. « Dolby » et le symbole du double D sont des marques commerciales de Dolby Laboratories.



HDMI, l'interface multimédia de haute définition ainsi que le logo de HDMI sont des marques déposées de HDMI Licensing LLC aux États Unis d'Amérique et dans d'autres pays.



DLNA®, le logo DLNA et DLNA CERTIFIED® sont des marques déposées, des marques de service, ou des marques de certification du Digital Living Network Alliance.

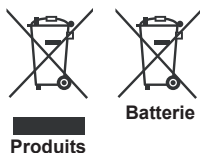


YouTube et le logo de YouTube sont des marques déposées de Google Inc.

Informations pour les utilisateurs en matière de mise au rebut des appareils et des piles désuets [Union européenne uniquement]

Ces symboles indiquent que cet appareil ne doit pas être éliminé avec les déchets ménagers. Si vous devez éliminer le poste ou les piles, veuillez considérer les systèmes ou infrastructures de collecte pour un recyclage approprié.

Remarque : La marque Pb en dessous du symbole des piles indique que cette pile contient du plomb.



Produits

Batterie

Spécifications

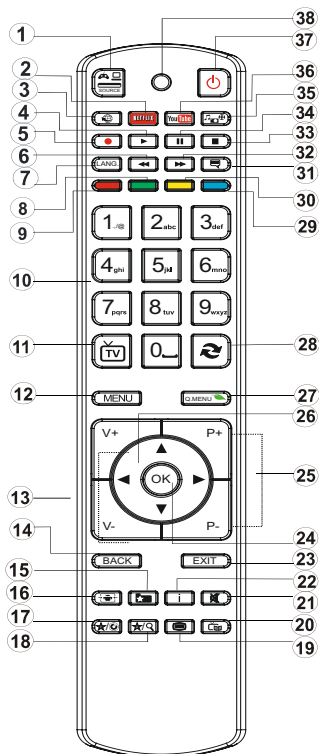
Diffusion TV	PAL SECAM BG/I/DK/LL'
Réception des chaînes	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND
Réception numérique	TV avec antenne-câble numérique entièrement intégré (DVB-T-C)
Nombre de chaînes prédéfinies	1000
Indicateur de chaîne	Affichage à l'écran
Entrée d'antenne RF	75 Ohm (déséquilibrée)
Tension de fonctionnement	220-240 V AC, 50Hz.
Audio	Allemand+Nicam Stéréo
Puissance de sortie audio (WRMS.) (10% THD)	2x8
Consommation d'énergie	75W
Poids	11,00
Dimensions de la TV P x L x H (avec pied)	220 x 965 x 611
Dimensions de la TV P x L x H (sans pied)	79/98 x 965 x 568
Température de fonctionnement et humidité	0 °C à 40 °C, soit 85 % d'humidité max.

Télétexte

Appuyez sur le bouton **Text** pour entrer. Appuyez à nouveau sur ce bouton pour activer le mode de mélange, ce qui vous permet de voir la page télétexte et la diffusion télévisée simultanément. Appuyez de nouveau sur ce bouton pour quitter. Si disponible, des sections contenues dans une page de télétexte présenteront un code coloré et peuvent être sélectionnées en appuyant sur les touches colorées. Suivre les instructions affichées à l'écran télétexte numérique.

Télétexte numérique

Appuyez sur le bouton **Text** pour afficher les informations relatives au télétexte numérique. Utilisez les touches colorées, les touches du curseur et la touche **OK**. La méthode de fonctionnement peut différer en fonction du contenu du télétexte numérique. Suivez les instructions qui s'affichent à l'écran du télétexte numérique. Lorsque vous appuyez à nouveau sur le bouton **Text**, la télévision revient en mode diffusion télévisée.



REMARQUE : La portée de la télécommande est d'environ 7 m/23 pieds.

Utilisation de Mon bouton 1 (*)

La principale fonction de ce bouton est d'exécuter le lien Youtube. Toutefois, si vous souhaitez l'utiliser à d'autres fins, vous pouvez appuyer sur la touche MON BOUTON 1 pendant cinq secondes lorsque vous êtes sur une source, un canal ou un lien de votre choix, jusqu'à ce que le message « MON BOUTON EST RÉGLÉ » s'affiche à l'écran. Ce message affirme que la fonction MON BOUTON est alors associée à la fonction sélectionnée. Remarque: si vous procédez à une première installation, MON BOUTON 1 retournera à sa fonction par défaut








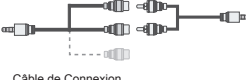



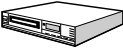










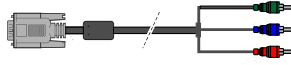
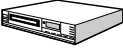





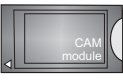



Utilisation de Mon Bouton 2 (**)


Une fois sur une source, une chaîne, ou un lien souhaité, appuyez sur MON BOUTON 2 pendant cinq secondes, jusqu'à ce que le message « MON BOUTON EST RÉGLÉ » s'affiche à l'écran. Ce message confirme que l'option MON BOUTON sélectionnée est à présent associée à la fonction sélectionnée.

1. Source
2. Lance l'application Netflix
3. Portail Internet
4. Lecture (en mode du Navigateur média)
5. Enregistrement de programme
6. Retour rapide (en mode du Navigateur média)
7. Mono/Stéréo - Dual I-II / Langue en cours (dans les chaînes DVB)
8. Bouton vert
9. Bouton rouge
10. Touches numériques
11. Liste de chaînes/TV source
12. Menu
13. Volume haut/bas
14. Précédent (Retour) / Page d'index (en mode TXT)
15. Liste de préférences de chaînes
16. Agrandir (en mode texte) / Taille de l'écran
17. Mon bouton 1/Youtube(**)
18. Mon bouton 2(**)
19. Télétex / Mélange
20. Guide Programme électronique
21. Sourdine
22. Info/Afficher (en mode TXT)
23. Quitter
24. OK / Sélectionner / Pause (en mode TXT)
25. Programme vers le haut/bas
26. Boutons de navigation
27. Menu principal
28. Programme précédent
29. Bouton bleu
30. Bouton jaune
31. Sous-titre Marche-Arrêt
32. Lecture avant rapide (en mode du Navigateur média)
33. Arrêter (en mode du Navigateur média)
34. Pause (en mode du Navigateur média)/ Enregistrement décalé
35. Navigateur média
36. Lance Youtube
37. Bouton de mise en veille
38. Fonction LED


Mise en route

Connexions

Connecteur	Type	Câbles	Dispositif
	Péritel Connexion (derrière)		
	VGA Connexion (derrière)		
AV LATÉRAL 	PC/YPbPr Audio Connexion (latéral)	 Câble de Connexion Latérale Audio/Vidéo (fourni) Câble audio du PC (Non fourni)	
	HDMI Connexion (derrière)		
 SPDIF	SPDIF (Sortie coaxiale) Connexion (derrière)		
AV LATÉRAL 	AV latéral (Audio/ Vidéo) Connexion (latéral)	 Câble de connexion latérale AV (fourni)	
CASQUE 	Connexion de casque (latéral)		
 YPBPR	YPbPr Vidéo Branchement (côté)		
	Connexion USB (latéral)		
	Connexion CI (latéral)		
LAN 	Connexion Ethernet (derrière)	 Câble LAN / Ethernet	

 **REMARQUE :** Lorsque vous branchez un périphérique via l'entrée YPbPr ou AV latérale, vous devez utiliser les câbles de branchement fournis pour activer la connexion. Voir les illustrations sur le côté gauche.

| Pour activer la fonction audio du PC, vous devrez utiliser les entrées BLANCHES et ROUGES du câble de CONNEXION AV LATÉRAL. | Si un périphérique externe est branché à l'aide des prises PÉRITEL, le téléviseur passe automatiquement en mode AV. | Pendant la réception des chaînes DTV (Mpeg 4 H. 264) ou en mode Navigateur multimédia, la sortie ne sera pas disponible à travers la prise péritel. | Lorsque vous utilisez le kit de montage mural fourni, il est recommandé de brancher tous vos câbles à l'arrière du téléviseur avant tout montage mural. | Insérez ou effacez le module CI uniquement lorsque le téléviseur est ÉTEINT. Veuillez consulter le manuel d'instruction de module pour plus de détails sur les réglages. | Chaque entrée USB de votre téléviseur prend en charge les périphériques atteignant jusqu'à 500mA. En branchant les appareils dont la valeur actuelle dépasse 500mA, vous courez le risque d'endommager votre téléviseur.

 Si vous souhaitez connecter un appareil au téléviseur, assurez-vous que le téléviseur et l'appareil sont hors tension avant de les relier. Une fois la connexion établie, vous pouvez activer les unités et les utiliser.