

JVC

GB

Instruction Manual

40" LED SMART FULL HD TV

LT-40KN310



NETFLIX

 **YouTube**

 **prime video**



HDTV 1080p

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

DVBT2/S2

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- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.
- **WARNING:** Never let people (including children) with reduced physical, sensory or mental capabilities or lack of experience and / or knowledge use electrical devices unsupervised.
- To avoid danger of suffocation, keep plastic bags out of reach of babies, children and domestic animals.
- Carefully attach the stand to the TV. If the stand is provided with screws, tighten the screws firmly to prevent the TV from tilting. Do not over tighten the screws and mount the stand rubbers properly.

Damage

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

Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- This unit is designed for indoor, domestic use only.
- Use this TV set at an altitude of less than 2000 meters above sea level, in dry locations and in regions with moderate or tropical climates.

Many injuries, particularly to children, can be avoided by taking simple precautions such as;

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only use furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both furniture and the television set to a suitable support.
- Not standing the television set on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls. If your existing television set is being retained and relocated, the same considerations as above should be applied.

Wall Mounting

- Read the TV and wall mount instructions before mounting your TV on the wall.
- For TVs over 40" in size, wall mounting requires 2 people to lift and position the TV on to the wall mount.
- The wall mount bracket is not supplied, they can be purchased from your dealer.

- Do not install the TV on a ceiling or an inclined wall.
- Only use the screws supplied with the wall mount bracket when attaching the TV to the bracket. See your TV instructions for screw type.
- Tighten the wall mount screw firmly to prevent the TV from falling. Do not over tighten the screws.
- If you are in any doubt how to mount your TV, contact a professional.

Temperature

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

Naked Flames

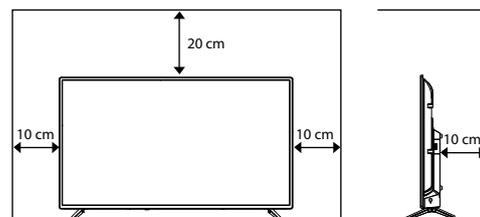
- Never place any type of candle or naked flame on the top of or near the unit.

Moisture

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

Ventilation

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



Safety

- Always disconnect the unit from the mains supply before connecting / disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm and long inactivity periods (going on holiday).

Mains Cable

- Make sure the unit or unit stand is not resting on top of the mains cable, as the weight of the unit may damage the mains cable and create a safety hazard.
- A damaged power cord/plug can cause fire or give you an electric shock. 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. If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

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

Optimum viewing

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

LCD screen

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

Screen Burn

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

Country Restrictions for Wireless Internet

- This device is intended for home and office use in all EU countries (and other countries following the relevant EU directive) without any limitation except for the countries mentioned below.

Country	Restriction
Bulgaria (BG)	General authorization required for outdoor use and public service
France (FR)	In-door use only for 2454-2483.5 MHz
Italy (IT)	If used outside of own premises, general authorization is required
Greece (GR)	In-door use only for 5470 MHz to 5725 MHz band
Luxembourg (EL)	General authorization required for network and service supply(not for spectrum)
Norway (NO)	Radio transmission is prohibited for the geographical area within a radius of 20 km from the centre of Ny-Ålesund
Russian Federation (RU)	In-door use only

- The requirements for any country may change at any time. It's recommended that user checks with local authorities for the current status of their national regulations for both 2.4 GHz and 5 GHz wireless LAN's.

Earphones

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

Standby

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

Batteries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.
- Do not dispose of batteries in fire or with hazardous or flammable materials.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Supervision

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

Earthing

- Apparatus connected to the protective earthing of the building installation through the MAINS connection or through other apparatus with a connection to protective earthing - and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a television distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)



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



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

Service

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

Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.
- The wall socket plug is used as a disconnect device, the disconnect device should be readily accessible.
-  This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
-  AC voltage: This symbol indicates that the rated voltage marked with the symbol is AC voltage.
-  DC voltage: This symbol indicates that the rated voltage marked with the symbol is DC voltage.



To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Thank you for purchasing your new JVC TV.

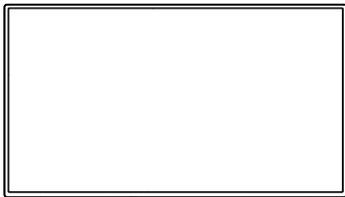
Your new TV has many features and incorporates the latest technology to enhance your viewing experience. We recommend that you spend some time reading this instruction manual so that you fully understand these features. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

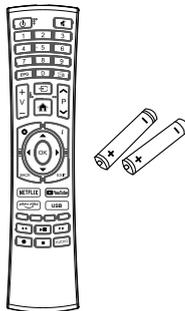
Unpacking the TV

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

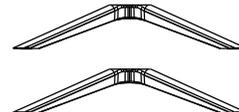
The following items are included:



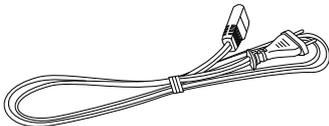
TV



Remote Control / AAA Batteries x 2



TV Stand (Left) x 1
TV Stand (Right) x 1



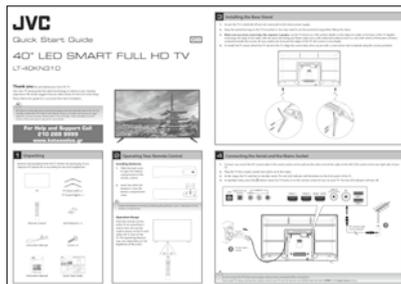
Mains Cable



Screw x 4



Instruction Manual



Quick Start Guide



If you require additional assistance, please visit www.kotsovolos.gr or call our Support Centre on **210 289 9999**.

Installing / Removing the Base Stand



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

1. Ensure the TV is switched off and not connected to the mains power supply.
2. Keep the protective bag on the TV to protect it. You may need to cut the protective bag before fitting the stand.
3. **Make sure you have some help, this requires 2 people.** Lay the TV down on a flat surface ideally on the edge of a table so the base of the TV slightly overhangs the edge of the table, with the back side facing up. Please make sure a soft cushioned material (such as a dry bath towel or thick piece of foam) is placed beneath the screen. Be very careful not to knock the edges of the TV, the screen is very fragile.



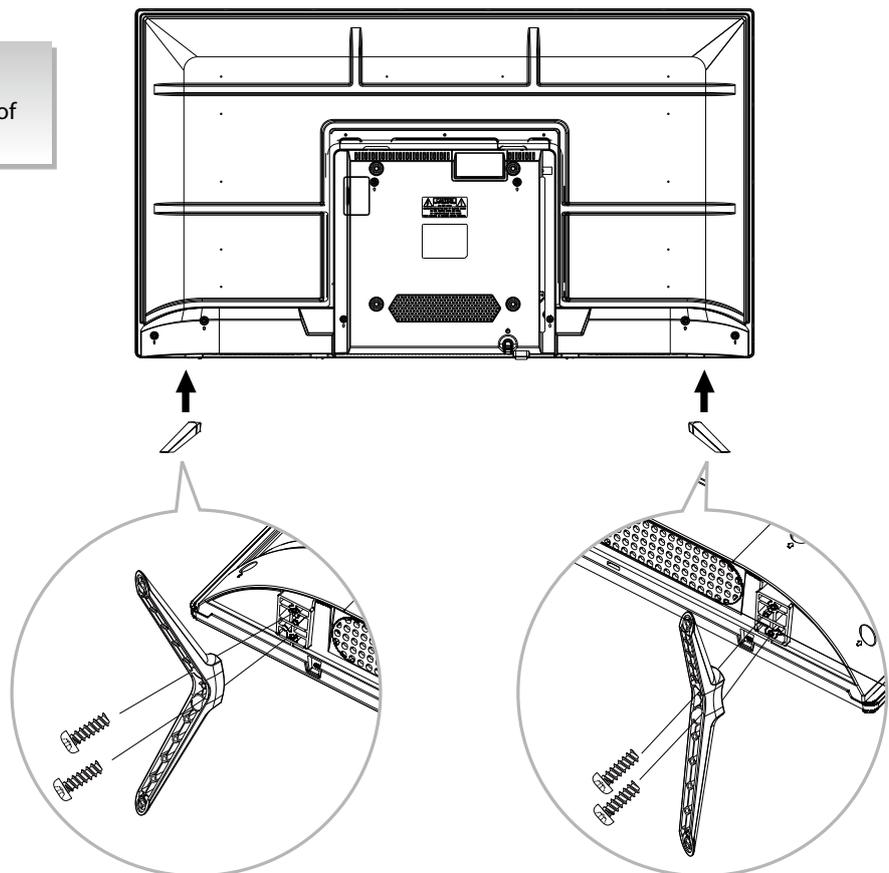
If you don't have a table big enough, you can use the TV box. Lie the box flat, make sure you place the polystyrene back in the box first to give the box some rigidity and strength.

Installing the Base Stand

To install the TV stand, attach the TV stand to the TV. Align the screw holes, then secure with a screw driver (not included) using the screws provided.



The screw holes will only align if the front of the base stand is at the front of the TV.



- Please read this instruction manual carefully while setting up your TV.
- If you require additional assistance, please visit www.kotsovolos.gr or call our Support Centre on **210 289 9999**.

Mounting the TV to a Wall

Use the instructions in your Quick Start Guide if you are wall mounting your TV straight out of the box. If you have already attached the stand then follow the instructions below.

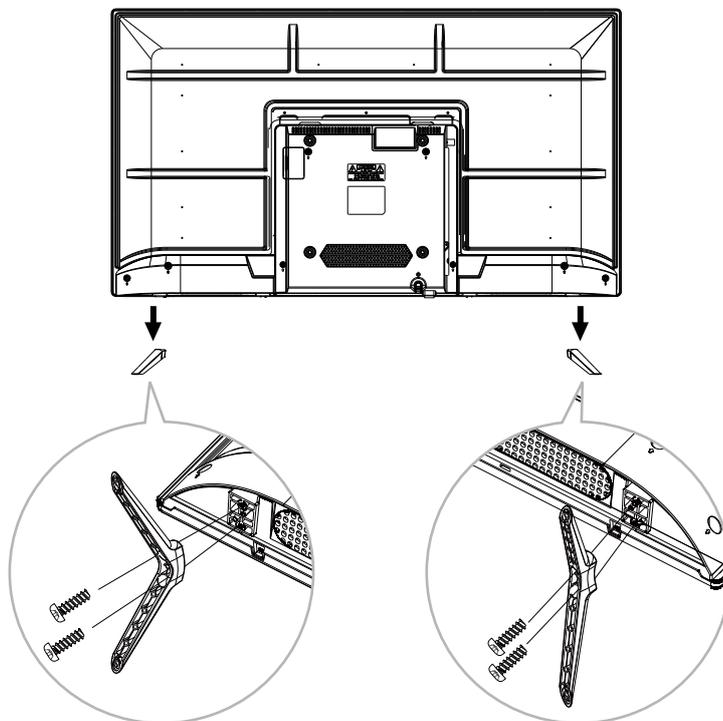


- Remove the stand assembly before mounting the TV onto the wall.
- It is recommended that two people take part in the installation.

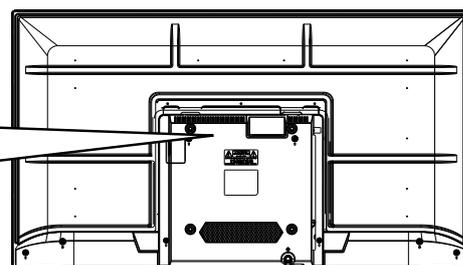
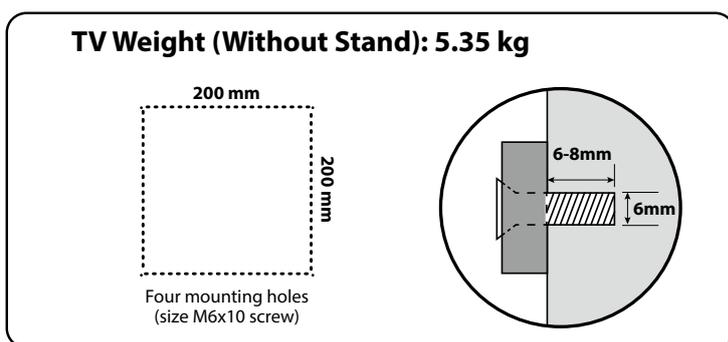
1. To remove the stand assembly, untighten the screws holding the stand at the rear of the TV. Remove the TV stand.



Keep all the spare screws should you want to use the stand assembly option.



2. This TV is designed to be wall-mounted with a standard mounting kit (sold separately) designed for flat-panel TVs. Mount this TV according to the instructions included in the mounting kit. Due to space restrictions, we recommend that you make all connections before mounting on to the wall.

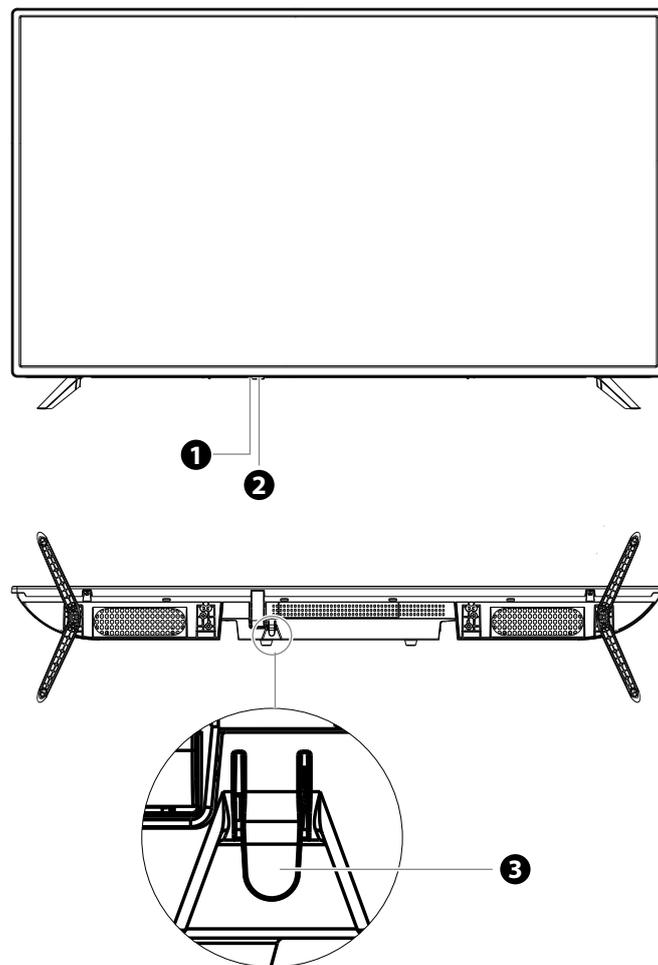


- Some models of TV are provided 4 screws inside the mounting holes. Be sure to use these supplied screws with your mounting kit when attaching the mounting hooks to the TV set. The supplied screws are designed for the TV. Use of screws other than those supplied may result in internal damage to the TV set or cause it to fall, etc.
- Before mounting on the wall, untighten the screws inside the mounting holes.



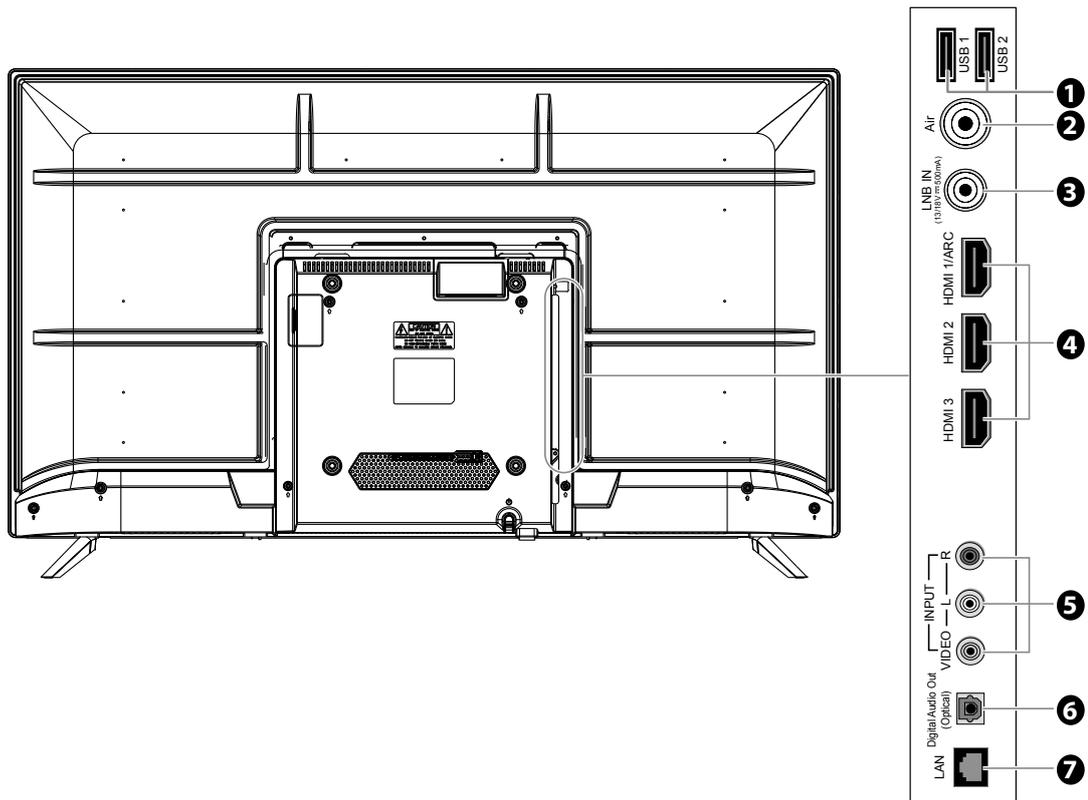
- Please read this instruction manual carefully while setting up your TV.
- If you require additional assistance, please visit www.kotsovolos.gr or call our Support Centre on **210 289 9999**.

Front View and Bottom Controls Button



Item	Description
1 IR (Infrared Receiver)	Receives IR signals from the remote control. Do not put anything near the sensor, as its function may be affected.
2 POWER LED	Illuminates red when the TV is in standby mode. The LED will blink in red, confirming that a timer recording programme has started in standby mode.
3 	Switches the TV on from standby mode. Switches the TV back to standby mode.

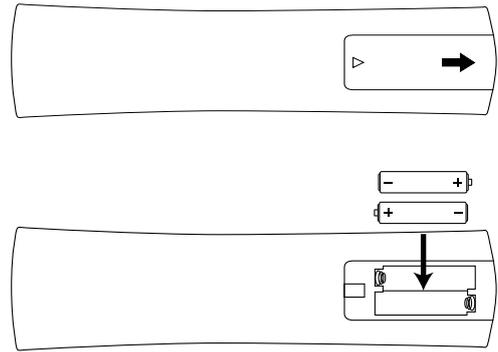
Rear View and Sockets



Item	Description
1 USB1 / USB2	Allows the insertion of a USB storage device to play video, audio, photo and text files (USB mode) and record DTV programmes on to a USB storage device.
2 AIR	Connects to the aerial socket on the wall with the RF coaxial cable.
3 LNB IN	Connects to the cable from the satellite dish.
4 HDMI1 (ARC) / HDMI2 / HDMI3	Connects to a High-Definition (HD) signal output device, such as a set-top box, blu-ray disc player or AV receiver.
5 VIDEO / AUDIO (L/R)	Connects to the Composite VIDEO and AUDIO (L/R) output sockets on external video devices.
6 Digital Audio Output (Optical)	Connects to the audio socket on the digital/standard 5.1 audio system.
7 LAN	Connect to a router via a LAN cable for smart TV services.

Installing Batteries in the Remote Control

1. Slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure the (+) and (-) ends of the batteries match the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.



Handling the Batteries

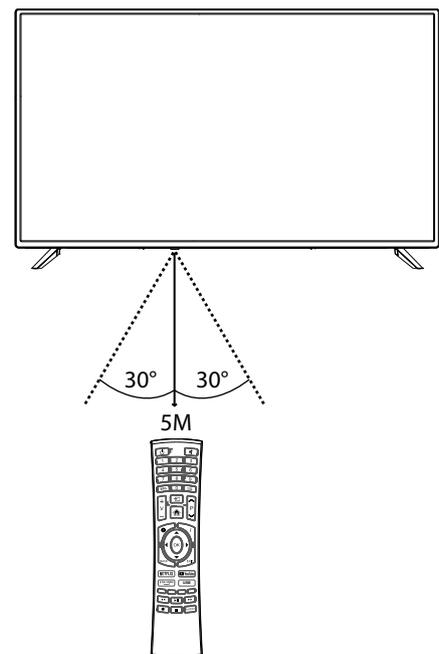
- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- When the batteries are exhausted, the remote will not function. Replace both batteries at the same time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

Handling the Remote Control

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

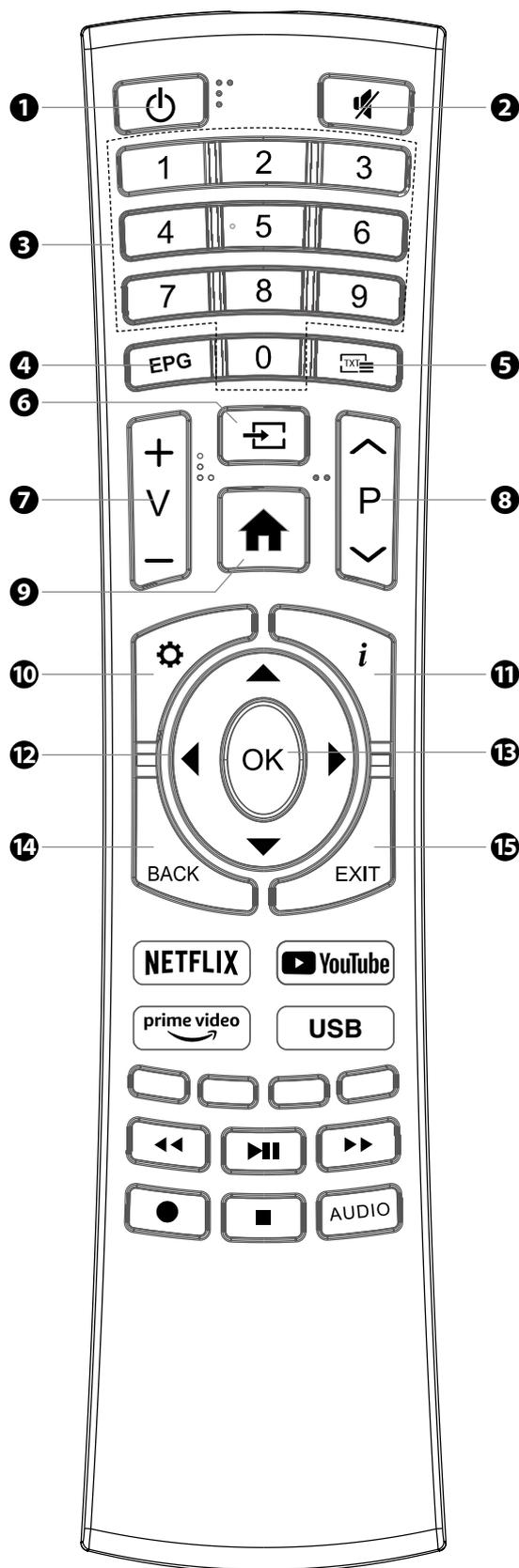
Remote Control Operation Range

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



Remote Control

1.  Switches the TV between on and standby mode.
2.  Mute and restore your TV sound.
3. **0-9 Number Button**
Press to select a programme.
4. **EPG**
Displays the EPG Electronic Programme Guide.
5.  **(TEXT)**
Turn on and off the teletext function. (DTV mode)
6.  **(Input)**
Selects among the different input signal sources:
DVBT / DVBC / DVBS / ATV / Composite / HDMI 1 / HDMI 2 /
HDMI 3 / USB / HOME.
7. **V +/-**
Adjusts the volume.
8. **P ^ / **
Select a channel.
9.  **(Home)**
Views the home screen.
10.  **(Menu)**
Displays the OSD (On Screen Display) menu.
11. **i (Info)**
Displays the present channel information such as the current
time and channel name.
12.  Navigation buttons.
13. **OK**
 - Confirms the selection in the OSD menus.
 - Displays the channel list.
14. **BACK**
Press the move back through menus.
15. **EXIT**
Exit the OSD menu.



16. NETFLIX

Connects to NETFLIX for viewing online TV shows and films (internet connection required).

17. YouTube

Connects to YouTube (internet connection required).

18. Prime Video

Connects to Prime video (internet connection required).

19. USB

Enter the media browser menu, a hard drive will need to be attached to the USB port.

20. Coloured buttons

- Press the RED button to access Red button services if available.
- Access the TELETEXT items (LIVE TV mode).

21. ◀◀ (Fast Forward)

Fast forward videos.

22. ▶▶ (Play/Pause)

Play or pause videos.

23. ▶▶ (Fast Forward)

Fast forward videos.

24. ● (Record)

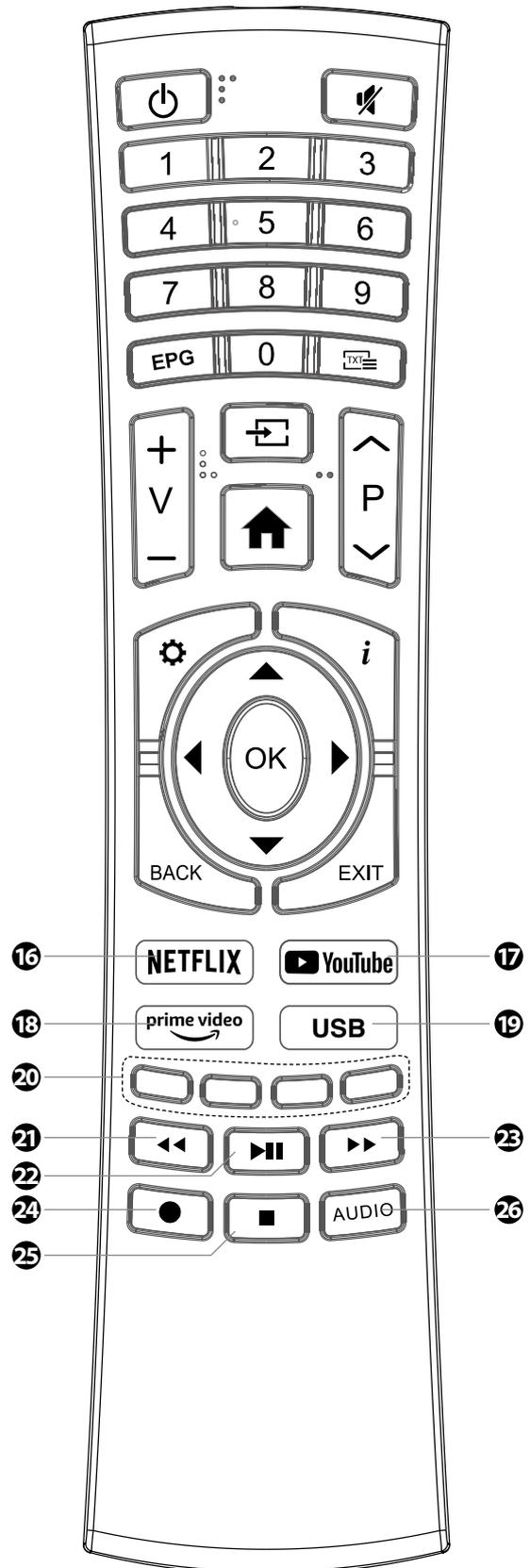
Record the current programme.

25. ■ (Stop)

Stop the playback.

26. AUDIO (Audio)

To display the Audio Language list and select an audio language or audio format if available (only applicable when the TV programme has this feature).



Making Video and Audio Connections

Not all AV devices have the ability to connect to a TV, please refer to the owner's manual of your AV device for compatibility and connection procedures.

When connecting any external AV device, do not connect the mains cable to the mains socket until all other connections are complete.

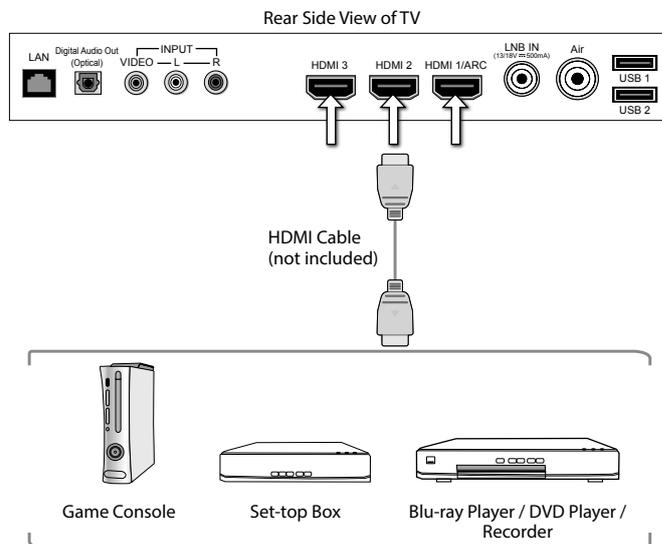
Best Video Performance



	Signal Type	Separate Audio Connection Required
HDMI1 	HDMI (480i/480p/576i/576p/720p/1080i/1080p)	No
VIDEO 	Composite Video	Yes 

Connecting an AV Device Using an HDMI Cable

- This TV can accept High-Definition Multimedia Interface (HDMI) supports HDCP (High-Bandwidth Digital Content Protection) Protocol.
 - This TV has a total of 3 HDMI input sockets, please make sure the correct input source is selected and corresponds to your connected HDMI input socket.
 - When you connect to the output of an HD ready player (blu-ray disc player, game console, set-top box or computer) switch to the HDMI function and the TV will automatically detect the resolution used by the HDMI source.
 - To get the best picture quality, adjust the blu-ray disc player, game console or set-top box output resolution up to 1920 x 1080p.
1. Use an HDMI cable to connect the TV's HDMI input socket to the external AV device's HDMI output socket.
 2. Plug the connected devices into the mains socket before switching on the TV.
 3. Press the  button under the TV frame or on the remote control to turn on your TV.
 4. Press the  button on the remote control to display the **Input Source** bar. Use the   buttons to select **HDMI 1 / HDMI 2 / HDMI 3** and then press the **OK** button to confirm.

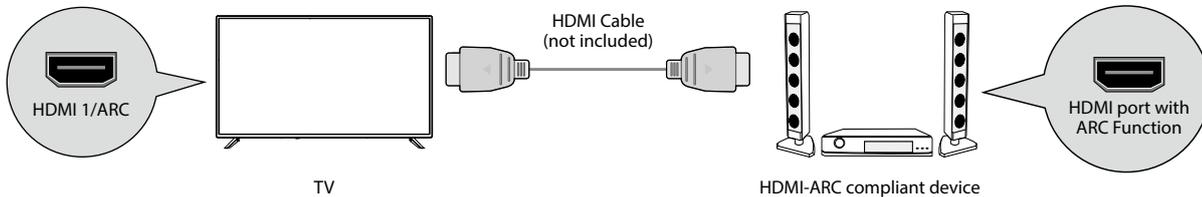


Although this TV is able to connect to an HDMI device, it is possible that some devices may not operate correctly.

Connecting a Soundbar - HDMI ARC (Audio Return Channel)

The ARC (Audio Return Channel) function allows you to send audio from your ARC-compliant TV to ARC-compliant audio devices (e.g. soundbar) through a single HDMI connection.

To enjoy the ARC function, please ensure your ARC-compliant audio devices are connected by an HDMI cable that support the ARC function to the **HDMI 1/ARC** socket of your ARC-compliant TV. When correctly set up, you can use your TV remote control to adjust the volume output (V+/- and MUTE) of the connected audio device.

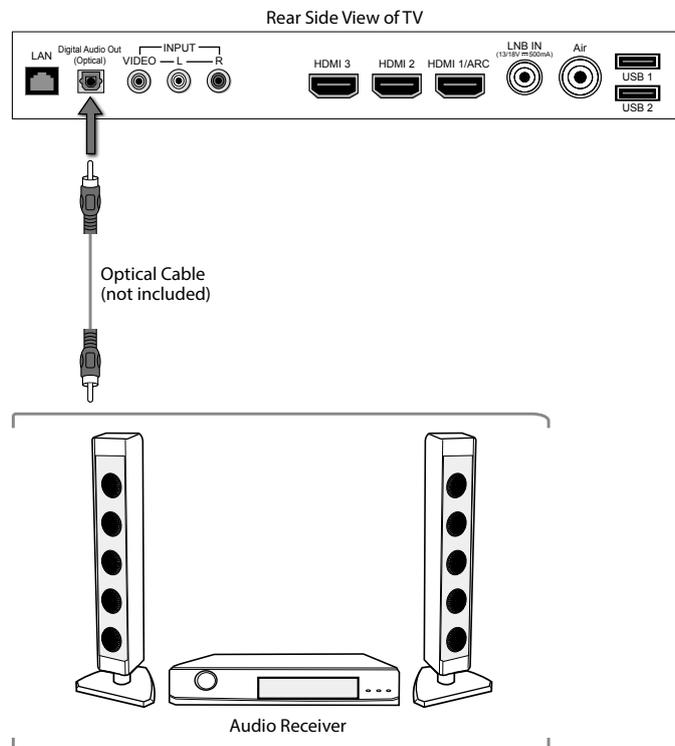


- Ensure that audio device is HDMI CEC and ARC compliant and that the TV is connected to the device using an HDMI cable attached to HDMI-ARC connectors.
- The HDMI 1 connector is HDMI Audio Return Channel (ARC) compliant. Use it to output digital audio to an HDMI home theater system.
- If the ARC-compliant audio devices do not support sound that TV outputs, such as Dolby Digital, or Dolby Digital Plus, then ARC function will not work and there may be no sound from ARC-compliant audio devices. In this case, additional connection with digital optical cable is necessary.
- The HDMI CEC feature has different trade names on different brands. The compatibility performance may vary with different CEC-enabled devices.
- Please refer to your ARC-compliant devices' guidebook for more details on the operation of the HDMI ARC function.
- Ensure **HDMI-CEC** is **On**.

Connecting an Audio Receiver

For better sound quality, you may want to play the audio through your multi-channel audio receiver.

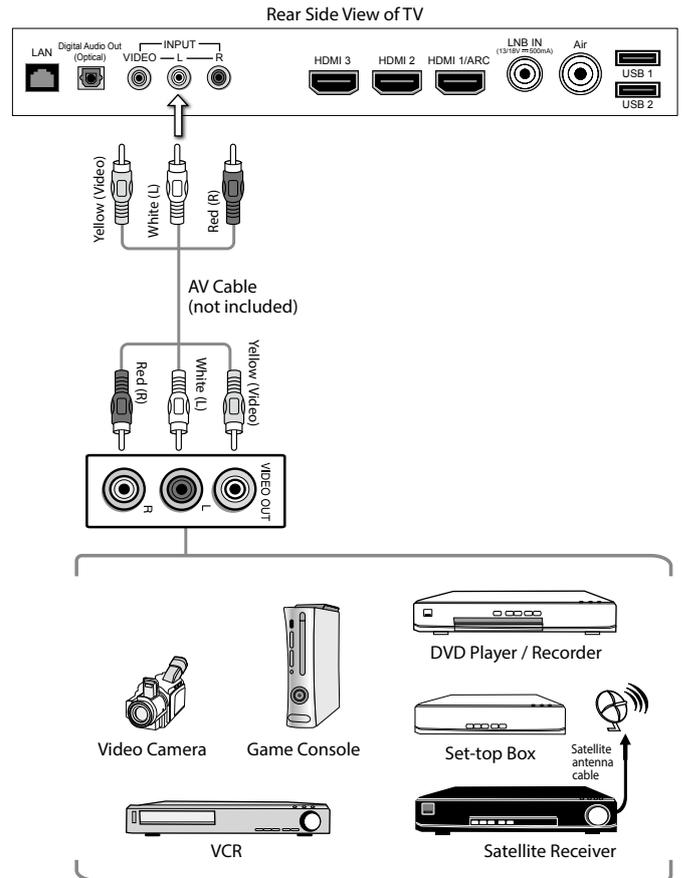
1. Use an optical cable to connect the TV's Digital Audio Output (Optical) socket to an external audio receiver's audio optical input socket.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Press the  button under the TV frame or on the remote control to turn on your TV.
4. Press the  button on the remote control to display the **Input Source** bar. Use the   buttons to select the desired input source and then press the **OK** button to confirm.



The TV's volume will not be affected. You may control the audio level via the Audio Receiver.

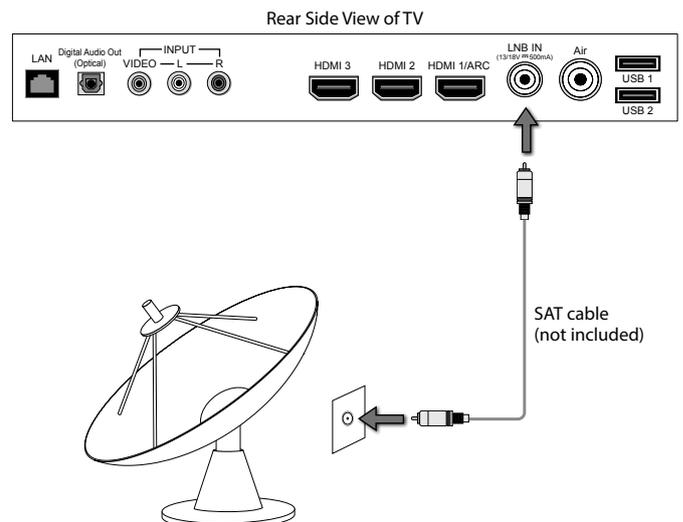
Connecting an AV Device Using a Composite Cable

1. Use an AV cable to connect the TV's AUDIO(L/R) / VIDEO input sockets to the external AV device's composite audio / video output sockets. (VIDEO = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the mains socket before switching on the TV.
3. Press the  button under the TV frame or on the remote control to turn on your TV.
4. Press the  button on the remote control to display the **Input Source** bar. Use the   buttons to select **Composite** and then press the **OK** button to confirm.



Connecting to Satellite Dish or Cable TV

1. Connect the SAT cable from the satellite dish to TV's LNB IN input socket.
2. Press the  button under the TV frame or on the remote control to turn on your TV.
3. Press the  button on the remote control to display the **Input Source** bar. Use the   buttons to select **DVB-S** and then press the **OK** button to confirm.



Turning the TV On for the First Time

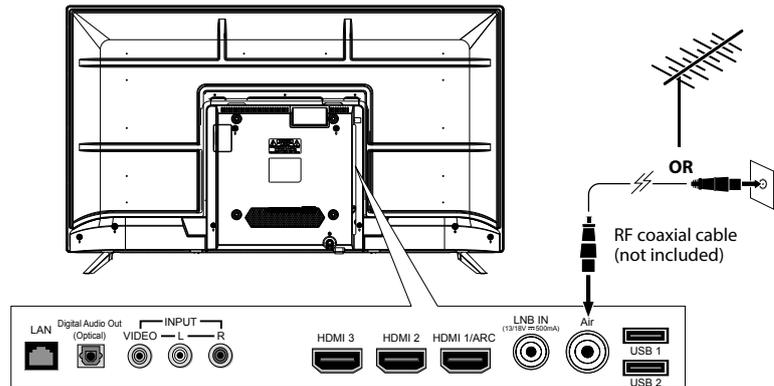


- This instruction manual explains the basic instructions for operating this unit. All pictures shown are for illustrative purpose only. Actual product may vary due to product enhancement. Unless otherwise stated, all operations described are based on remote control use.
- When an item in main menu is displayed gray, it means that the item is not available or cannot be adjusted.
- If you are going to watch TV using a set-top box, simply connect your TV and set-top box via a HDMI cable and select HDMI in the **Input Source** menu.

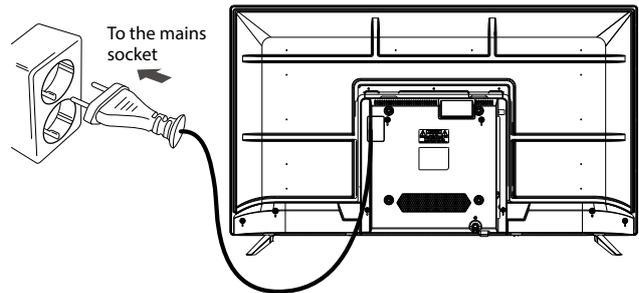
1. Connect one end of the RF coaxial cable to the aerial socket on the wall and the other end of the cable to the AIR (75Ω) socket at the rear right side of your TV.



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



2. Plug the TV into a mains socket and switch on at the mains.
3. At this stage, the TV switches to standby mode. The red LED indicator will illuminate on the front panel of the TV.
4. In standby mode, press the  button under the TV frame or on the remote control to turn on your TV. The red LED indicator will turn off.



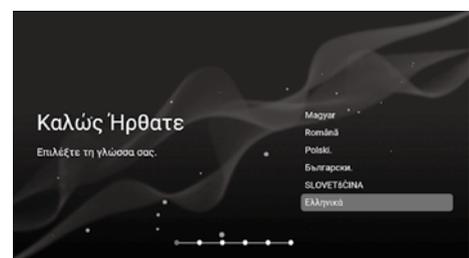
- Always disconnect the TV from the mains socket when not in use for a long period of time.
- The  button under the TV frame or on the remote control is only used for switching the TV into standby, it does not disconnect the TV from the mains power. To completely disconnect the mains power, please remove the mains plug from the mains socket.

Choosing Your OSD Language

The first time you switch your TV on, it will automatically be in the initial setup mode. This will guide you through the whole setup process of selecting your desired language, connecting to the internet, signing in to your account and tuning in TV channels.



If you are going to watch TV using a set-top box, press the **EXIT** button on the remote control then skip this section. Then press the  button on the remote control to select **HDMI** mode.



1. Press the   buttons to highlight your desired OSD language then press the **OK** button.

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- Press the ▲▼ buttons to select your country where you will operate the TV. Press the **OK** button to confirm.



- Data Collection and Firmware Updates Notice** page will appear. Press the ▲▼ buttons to select the menu option.

VIEW ADDITIONAL DETAILS	Go to view more detailed firmware/software network download update instructions.
ACCEPT	Accept all agreements and agree to the firmware/software network to automatically download updates



- If you select **VIEW ADDITIONAL DETAILS**, the detailed firmware/software network download update instructions will display. Initially, the default focus will be on the text description section. Press the ▲▼ buttons will drop the text to the bottom. Press the ▼ buttons, **ACCEPT ALL** will highlight. Press the ▲▼ buttons then the **OK** button to confirm the selection.

ACCEPT ALL	Accept all protocol sections and agree to the firmware/software network to automatically download updates.
ACCEPT AUTOMATIC UPDATES	Accept all protocol parts and manually select whether to agree to the firmware/software network download update if there is a firmware/software update.
ACCEPT USAGE INFORMATION COLLECTION	Suppliers accepting the agreement section collect some non-personal user information.
DECLINE ALL	Reject all protocols to disable firmware/software network updates.

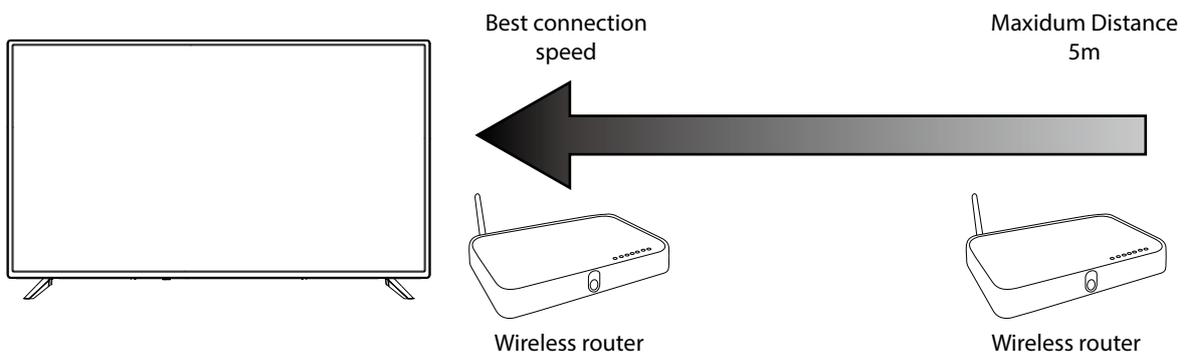


Connecting to the Internet

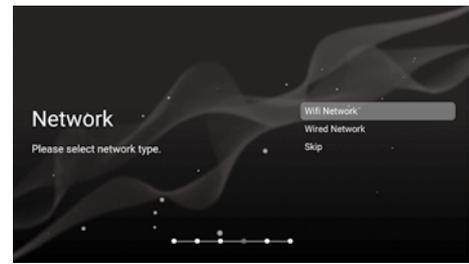
You have a 2 options when connecting your TV to the internet. You can connect wirelessly via Wi-Fi or connect your TV to your router directly by connecting a LAN cable (wired connection). Choose your connection method and follow these instructions.

Wi-Fi Network

You can connect using a wireless connection via your router.



1. Press the ▲▼ buttons to highlight **Wifi Network** then press the **OK** button.



2. **Wifi Network** setup page will appear. Press the ▲▼ buttons to select the menu options. Use the ▲▼ buttons or 0-9 buttons to adjust each option's setting or the **OK** button to select the options.

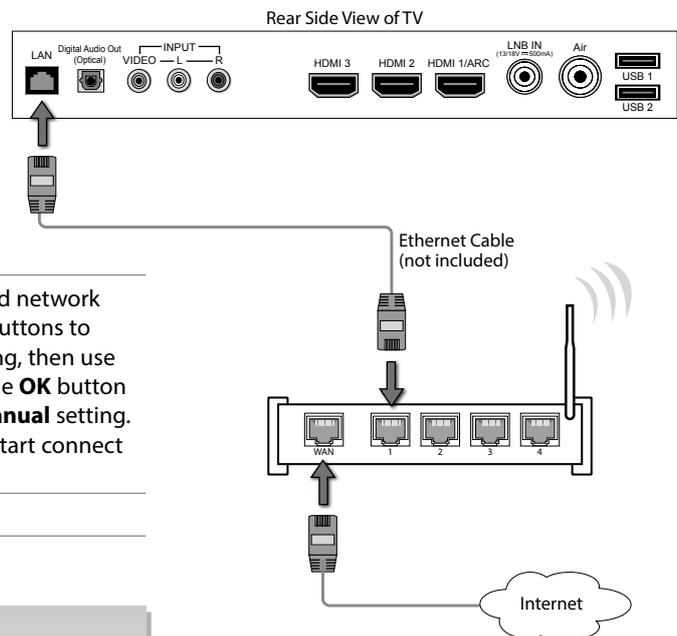


Configuration	The TV will automatically scan and show all available wireless networks in the area. Press the ▲▼ buttons to choose the desired network and press the OK button. Press the ▲▼ buttons to highlight Connect then press the OK button to enter Network Security Key. Press the OK button display the keypad. Use the ◀▶ buttons to navigate the keypad in the screen to entry your Wi-Fi password, then press the OK button to select the characters. Finally select the → and press the OK button. In a second or two your TV will show Success after connection successful.
MAC address	Display MAC address in menu.

WIRED Connection

1. If you have connected your ethernet cable to the LAN socket on the back of your TV, select **Wired Network** and the press the **OK** button.
2. **Wired Network** setup page will appear. Press the ▲▼ buttons to select the menu options. Use the ▲▼ buttons or 0-9 buttons to adjust each option's setting or the **OK** button to select the options.

Configuration	Press the ▲▼ buttons to select wired network protocol: IPv4 / IPv6 . Use the ◀▶ buttons to select Auto setting or Manual setting, then use the ▲▼ buttons, 0-9 buttons and the OK button to adjust each option's setting in Manual setting. Finally select OK to confirm and to start connect to the internet.
MAC address	Display MAC address in menu.



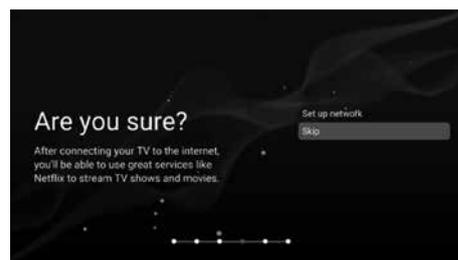
- This unit cannot be connected to a standalone modem directly. A router or a modem incorporated with a router has to be used.
- When plugging or unplugging the LAN cable, hold the plug portion of the cable. When unplugging, do not pull on the LAN cable but unplug while pressing down on the lock.
- Do not connect a modular phone cable to the LAN socket.
- Since there are various connection configurations, please follow the specifications and instructions of your telecommunication carrier, Internet service provider, and router setting guidebook.

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SKIP Connection

1. If you do not need to connect to the network, select **Skip** and press the **OK** button to confirm.
2. A pop up menu will be display. If you want to go back the network setting page, select **Set up network**. If you want to confirm to skip the network setting, select **Skip**. Then will enter to **TV Mode** menu and start TV Tuning.

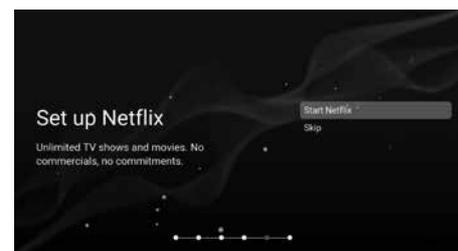


Signing in to Your Netflix Account

Press the **▲▼** buttons to select **Start Netflix** then press the **OK** button. You will now be asked to sign in to your Netflix account. If you don't already have an account you can set one up on your TV go to the 'Join Now' section.

If you want to temporary skip the Netflix setting, select **Skip** and start **TV Mode**.

If you complete Netflix setting, press the **EXIT** button to leave and press the **⚙️** button and select **Programme**, then select **Auto Tuning** for TV tuning.

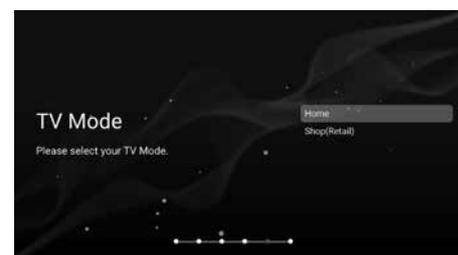


Tuning in Your TV

If you select **Skip** option in **Netflix** setting page, then you now need to tuning in your TV so you can watch LIVE TV (broadcast TV). If you watch TV via a Set Top Box you can skip this section by selecting the correct HDMI input source.

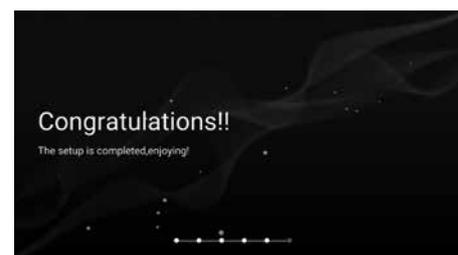
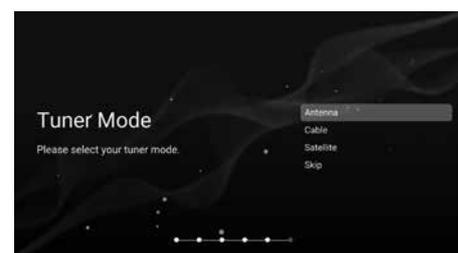
TV Mode

It allows you to select **Home** to maximize energy efficiency or **Shop(Retail)** if you would like your picture to be brighter. Press the **▲▼** buttons to select your desired options then press the **OK** button to confirm.



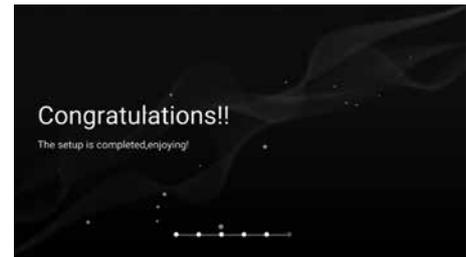
DVB-T

1. **Tuner Mode** page shown on the TV, use the **▲▼** buttons to select **Antenna**, then press the **OK** button.
2. In **Channel Scan** page, use the **▲▼** buttons to select **Digital And Analog / Digital / Analog / Skip Scan**. Then press the **OK** button.
3. Your TV will now start scanning for all the available TV channels. This operation may take a few minutes. The display will show the progress of the tuning and the number of channels found.
4. If you want to skip the DTV tuning, press the **BACK** button to interrupt the tuning half way. A screen will be displayed, press the **▲▼** buttons to select **Skip Scan** and press the **OK** button to confirm.
5. Your TV is now setup and ready to watch.



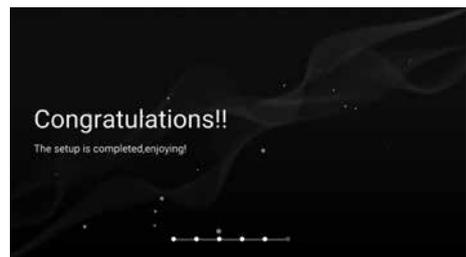
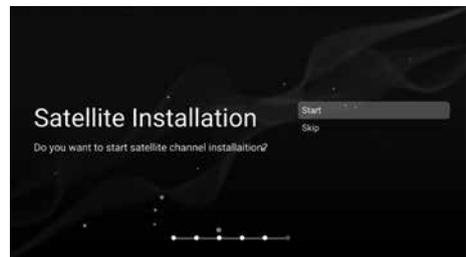
DVB-C

1. **Tuner Mode** page shown on the TV, use the ▲▼ buttons to select **Cable**. Then press the **OK** button.
2. In **Channel Scan** page, use the ▲▼ buttons to select **Digital And Analog / Digital / Analog / Skip Scan**. Then press the **OK** button.
3. Your TV will now start scanning for all the available TV channels. This operation may take a few minutes. The display will show the progress of the tuning and the number of channels found.
4. If you want to skip the DTV tuning, press the **BACK** button to interrupt the tuning half way. A screen will be displayed, press the ▲▼ buttons to select **Skip Scan** and press the **OK** button to confirm.
5. Your TV is now setup and ready to watch.



DVB-S

1. **Tuner Mode** page shown on the TV, use the ▲▼ buttons to select **Satellite**. Then press the **OK** button.
2. In **Satellite Installation** page, use the ▲▼ buttons to select the menu option to start satellite channel installation. Follow the on-screen instructions to complete the setup. Press the **OK** button to confirm.
3. After complete the setting, your TV will now start scanning for all the available TV channels. This operation may take a few minutes. The display will show the progress of the tuning and the number of channels found.
4. If you want to skip the DTV tuning, press the **BACK** button to interrupt the tuning half way. A screen will be displayed, press the ◀ button to select **Skip Scan** to confirm.
5. Your TV is now setup and ready to watch.



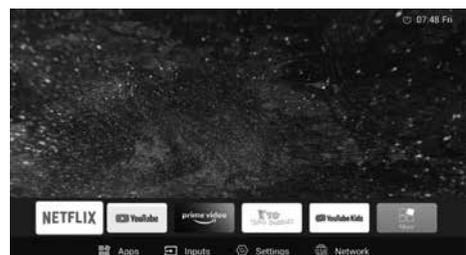
Eco Friendly / Auto Standby Function

The latest eco-friendly power saving technology will automatically switch the TV into standby mode if the TV is left on and idle for 4 hours or it does not receive an input signal for several minutes. A reminder screen will pop up and count down before the switches to standby mode. Once the TV is switched to standby mode, the red LED indicator will illuminate on the front panel of the TV.

Press the ⏻ button under the TV frame or on the remote control to turn on your TV. The red LED indicator will turn off AFTER wake up from standby. To turn off the auto standby function, please refer to page 26 **Auto Sleep** under the **General** section.

HOME Menu

1. Press the 🏠 button to display the home menu.
2. Use the ◀▲▼▶ buttons to switch between the **Apps**, **Inputs**, **Settings**, and **Network** sections of the Home page, then press the **OK** button to confirm.

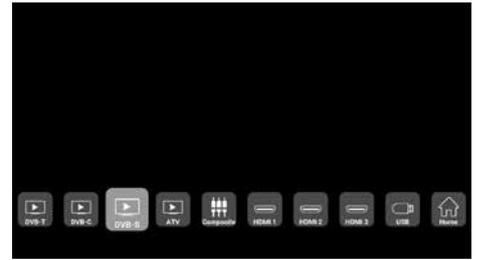


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Selecting the Input Source

1. Press the  button on the remote control to display the input source menu bar.
2. Press the   buttons to select the input source that you want: **DVBT / DVBC / DVBS / ATV / Composite / HDMI 1 / HDMI 2 / HDMI 3 / USB / HOME**.
3. Press the **OK** button to confirm your selection. If you do not press the **OK** button to confirm, the TV will automatically confirm the selected input source within few seconds.



Channel Selection

- Press the **P**   buttons repeatedly or the **0-9** buttons to select channel.



Alternative

- Press the **OK** button to enter the **Channel List**. Then use the   buttons to highlight and select the channel. Press the **OK** button to view the selected channel.
- If a blocked channel is selected, the password screen will be displayed. Press the **0-9** buttons to enter the password, the channel will then be unlocked (refer to page 31 for details on **Lock**).

Display Channel Information

Press the **i** button to view the current information.

Volume Adjustment

- Press the **V+** or **V-** button on the remote control to adjust the volume.
- If you wish to switch the sound off, press the  button. To listen to your TV at the new lower level, press the  button again or **V+** or **V-** button on the remote control.

Picture Setting

Allows you to set your preferred picture mode.

1. Press the  button to display the main menu.
2. Press the  buttons to select **Picture** menu and then press the **OK** button.



3. Press the  buttons to select following picture options, then press the  buttons to adjust each option's setting.

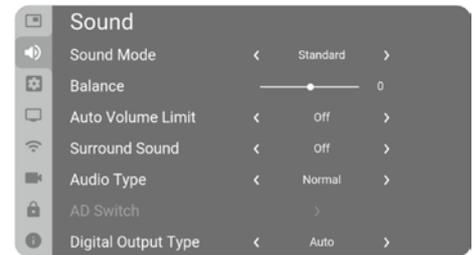
Picture Mode	Select among picture mode: Energy Saving / User / Cinema / Sport / Vivid / Hi-Bright / Standard.  A reminder screen will pop up if you leaving Energy Saving mode.
Contrast	Adjusts the difference between light and dark levels in the picture (for User mode).
Brightness	Increases or decreases the amount of white in the picture (for User mode).
Colour	Controls the colour intensity (for User mode).
Sharpness	Adjusts the level of crispness in the edges between light and dark areas of the picture (for User mode).
HUE (For NTSC format)	Adjusts the balance between red and green levels (Tint is only available for ATV mode or NTSC signal reception).
Backlight	Adjusts the backlight setting of your TV. This controls the brightness and display performance of the screen.  Increasing the backlight setting will increase the brightness and display performance of the screen. The higher the setting is, the higher the power consumption. You can select to strike a balance between the picture brightness / display performance / power consumption. Reducing the backlight setting will help you reduce power consumption and thus save money by reducing electricity bills.
Color Temperature	Selects among colour temperature: Standard / Warm / User / Cool.
Aspect Ratio	Selects among aspect ratio: Full / Zoom / 4:3 / 16:9 / Auto.
Gamma	Selects among gamma mode: Middle / Bright / Dark.
Advanced Video	Enter the submenu for more configuration on pictures: DNR / MPEG NR / Adaptive Luma Control / Flesh Tone / Color Tuner.

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

Sound Setting

Allows you to select an audio-enhancement technique.

1. Press the  button to display the main menu.
2. Press the  buttons to select **Sound** menu and then press the **OK** button.



3. Press the  buttons to select following sound options, then press the  buttons to adjust each option's setting.

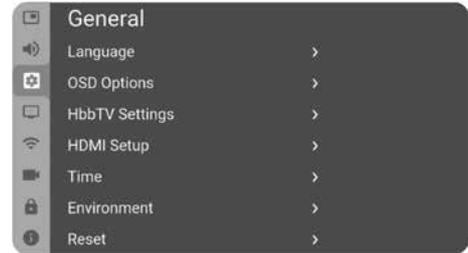
Sound Mode	You can select this function when surround sound switch off. Press the  buttons to select an audio-enhancement technique: Standard / Vivid / Sport / Movie / Music / News / User .
	 <p>To get a better sound effect, you may need to adjust the sound settings depending on the type of program you are watching.</p>
Balance	Adjusts the relative volume of the speakers in a multiple speaker system.
Auto Volume Limit	Volume levels are automatically controlled (e.g., advertisements tend to be louder than the programmes).
Surround Sound	Delivers an immersive virtual surround sound experience over front facing speaker configurations, complete with rich bass, high frequency detail and clear dialogue.
Audio Type	Selects the type of audio output: Normal / Hearing Impaired / Audio Description / Spoken Subtitle / Audio Description+Spoken Subtitle .
AD Switch (for DTV mode)	Audio Description is an auxiliary audio function that provides an additional audio track for visually challenged persons. This function handles the Audio Stream for the AD (Audio Description), when it is sent along with the main audio from the broadcaster. <ul style="list-style-type: none"> • Set to "Off" for normal broadcasting sound coming out from speakers. • Set to "On" to activate the description sound track if available. Press the  buttons to adjust the AD volume. The availability of Audio Description sound track is indicated by the visually impaired icon "V.I." in the information banner.
Digital Output Type (for HDMI mode)	Selects the type of digital audio output: Auto / Dolby Audio-DD / PCM / Bypass / Dolby Audio-DD+ .
Audio Delay	Adjusts the audio delay setting from 0-250: SPDIF Delay / Speaker Delay .
Equalizer (for User mode)	Adjusts the sound by raising or lowering the level of specific frequency from 0-100: 120Hz / 500Hz / 1.5KHz / 5KHz / 10KHz .
Soundtracks	No functions.
Dialogue Enhancer	Sometimes when watching TV shows and movies on your TV, the background music is louder than the voices on the TV. You can help stop this problem by learning how to use your TV's equalizer settings for dialogue. Adjusts the sound by: Off / Low / Middle / High .

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

General Setting

Allows you to set various performance of your TV.

1. Press the  button to display the main menu.
2. Press the  buttons to select **General** menu and then press the **OK** button.



3. Press the  buttons to select following setting options, then press the  buttons to adjust each option's setting.

Language	OSD Language	Allows you to select your desired on screen menu language.
	Audio Language / Audio Language 2nd	Allows you to select your desired audio language. (Available for digital channels if multiple audio languages are broadcast.)
	Subtitle Language	Allows you to select your desired subtitle language or turn off the subtitle. (Available for digital channels if multiple subtitle languages are broadcast.) Press the OK button to enter the submenu then use the  buttons to switch On or Off on Subtitle , select Primary and Secondary subtitle language, and switch On or Off on Hearing Impaired .
OSD Option	OSD Time	Selects a time that your on-screen menus will be displayed: 5 / 10 / 15 Seconds / Always . If you select Always , the menu will remain on the screen until you press a button to remove it.
	OSD Color	Allows you to select the background color for main menu.
	OSD Transparent	Adjusts the main menu transparent setting from 0-100.
HbbTV Settings (for DTV mode)	HBBTV (Hybrid broadcast broadband TV) is a service offered by certain broadcasts and available only on some digital TV channels. HBBTV delivers interactive television over broadband internet.	
HDMI Setup	Allows you to command and control two or more CEC-enabled devices, that are connected through HDMI, by using only one of the remote controls (e.g. controlling a TV set, set-top box and DVD player using only the remote control of the TV). CEC also allows individual CEC-enabled devices to command and control each other without user intervention. Make sure that your CEC-compliant device is connected to your TV using a HDMI cable and the correct HDMI input source is selected prior to using this function. (Some HDMI cables may not support HDMI-CEC functions.)	
	Link-CEC	Allows you to control other CEC enabled devices (connected via HDMI) using your TV remote control.
	HDMI ARC	When HDMI - CEC is set to On , press the  buttons to select On to enable to send audio to CEC-compliant audio devices or select Off to disable the function.
	Auto power on	When HDMI - CEC is set to On , press the  buttons to select On to enable to set CEC-compliant devices to auto power off.
	Auto turn off	When HDMI - CEC is set to On , press the  buttons to select On to enable to set TV auto power on if an CEC-compliant devices is switch on.
	CEC Devices List	Displays a list of connected equipment that is compatible with HDMI CEC Control.

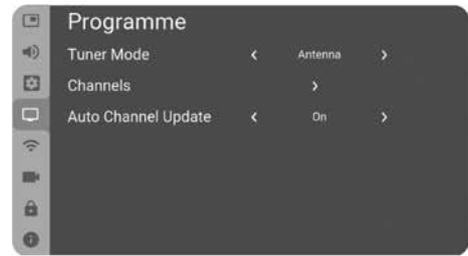
Time		Allows to set the time and date manually or set automatically when receiving a digital signal.
	Auto Sync	If Auto Sync is set to On , the time and date will be set from the broadcast signal. If you want to set the time and date manually, set Auto Sync to Off .
	Clock	When Auto Sync is set to Off , press the ▲▼ buttons to enter the Clock page. Use the ◀▲▼▶ buttons set Year / Month / Day / Hour / Minute .
	Off Time	Allows you to set the shutdown time. If Off Time is set to On , use the ◀▲▼▶ buttons set Hour / Minute .
	On Time	Allows you to set the bootup time. If On Time is set to On , use the ◀▲▼▶ buttons set the options: Power On Repeat / Hour / Minute / Power On Channel .
	Sleep Timer	The sleep timer automatically switches the TV to standby after the preset time has elapsed. The clock will be set automatically when receiving a digital signal. Time must be set before using Sleep Timer function. Press the ◀▶ buttons to select a period of time after which the TV automatically switches to standby mode: OFF / 10 / 20 / ... / 90 / 120 Minutes . The timer begins to count down from the number of minutes selected.  If you turn the TV off after setting the sleep timer, the sleep timer setting will be erased.
	Auto Sleep	If Auto Sleep is set to On , the unit will automatically switch to standby mode 4 hours after the last time the remote control was used. A reminder screen will pop up and count down before the unit switches to standby mode.
Environment	Time Zone	When you select a time zone city, the TV time is set by the time offset information based on Time Zone and GMT (Greenwich Mean Time) which is received with the broadcast signal and the time is set automatically by a digital signal. If you set the Time Zone to GMT , Daylight Saving Time can be switch to On / Off .
	Shop Mode	Allows you to select Home to maximize energy efficiency or Shop Retail if you would like your picture to be brighter.  For the best picture quality in your home environment, we recommend setting the TV to Home .
	E-pop	If E-pop is set to On and do nothing afterwards, then it will enter demo mode in 5 minutes or so. Press any button to exit demo mode.
Reset		Restores all settings to the factory defaults.

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

Programme Setting

Use this to automatically find and store all available channels. This is normally recommended if some channels have been added or removed by the broadcaster or if you have moved.

1. Press the  button to display the main menu.
2. Press the  buttons to select **Programme** menu and then press the **OK** button.



3. Press the  buttons to select following setting options, then press the  buttons to adjust each option's setting.

Tuner Mode	Selects a Tuner Mode for your TV: Antenna / Cable / Satellite (DTV mode only).	
Channels	Auto Tuning (For DVB-T & DVB-C)	Press the  buttons to select the Λειτουργία συντονισμού : DTV+ATV / ATV / DTV. Then press the  buttons to select Start to start auto tuning.
	Single RF Scan (For DVB-T & DVB-C)	Allows you to make manual fine tuning adjustments to the channel under DTV mode. DVB-T: Press the  buttons to select the desired VHF channel and then press the OK button to commence the search of that channel. When the signal has been tuned, the picture and signal strength will be displayed on the screen. DVB-C: Use the  buttons to select the options, then use the  buttons to adjust each option's setting. Press the  buttons to select Scan and press the OK button to start searching.
	Satellite Antenna Type (For DVS-S)	Selects your desired satellite.
	Satellite Scan (For DVS-S)	Sets your satellite and start to scan.
	Satellite Update (For DVS-S)	Update your satellite.
	Satellite Manual Tuning (For DVS-S)	Allows you to make manual fine tuning adjustments to the channel under DTV mode
	LCN	Logical channel number is the number used to identify the TV channel. In a convenient and familiar way to provide programme numbers to users. You can switch off the LCN at any time if you want to sort the channels manually. Press the  buttons to select: On / Off / Default .
	Channel Sort Type	Selects your desired watching channel type: LCN / Satellite / Default / Favorite / Service Type / Name / Scrambled / High Resolution First / Frequency .
	Favorite Network Select	Allows you to set the selected channel as one of the favourite programmes.
	Channel Skip	Allows you to select the channels that you want to skip when you are selecting channels.
Channel Sort	Allows you to move to the selected channel.	
Channel Edit	Allows you to edit TV channel information in the Channel List.	

5 Customising TV Settings

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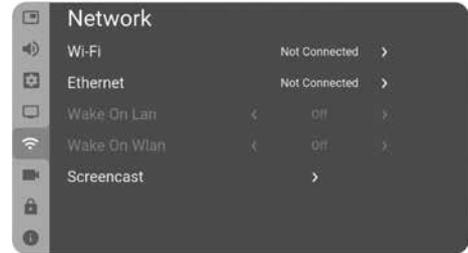
	Analog Channel Fine Tune (ATV mode only)	Allows you to make manual fine tuning adjustments if the channel reception is poor under ATV mode.
	Clean Channel List	Channels would be cleaned after entering correct password to confirm.
Auto Channel Update	Press the ◀▶ buttons to switch Auto Channel Update: On / Off .	
Environment	Shop Mode	Allows you to select Home to maximize energy efficiency or Shop Retail if you would like your picture to be brighter.  For the best picture quality in your home environment, we recommend setting the TV to Home .
	E-pop	If E-pop is set to On and do nothing afterwards, then it will enter demo mode in 5 minutes or so. Press any button to exit demo mode.
Reset	Restores all settings to the factory defaults.	

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

Network Setting

Adjust all your network setting and check your connection if you are having connection problems.

1. Press the **⚙** button to display the main menu.
2. Press the **▲▼** buttons to select **Network** and then press the **OK** button.



3. Press the **▲▼** buttons to select following setting options, then press the **◀▶** buttons to adjust each option's setting.

Wi-Fi	The built-in wireless LAN device allows you to access the Internet and enjoy the benefits of networking in a cable-free environment.	
	Auto Scan	The TV will automatically scan and show all available wireless networks in the area. Choose the desired network and press the OK button, then enter Network Security Key.
	Manual Input	Choose to manually setup Static IP information. Manual Setup is only for advanced users and network where the network client devices need specific setting to access the network.
	IP	Display the connected wireless network IP address.
	Netmask	Display the connected wireless network subnet mask.
	Gateway	Display the connected wireless network gateway.
	DNS	Display the connected wireless DNS.
Ethernet	Connect your TV to your network by connecting the LAN port on the back of your TV to an external modem or router using a LAN (Ethernet/Cat 5) cable.	
	Protocol	Select wired network protocol: IPv4 / IPv6 .
	Configuration	Select wired network IP acquisition method: DHCP / Static .
	IP	Set the wired network IP address. (Configuration is set to Static)
	Netmask	Set the number of bits in the wired network subnet mask. (Configuration is set to Static)
	Gateway	Set the wired network gateway. (Configuration is set to Static optional)
	DNS	Set the wired network DNS. (Configuration is set to Static optional)
	Connect	Connect to a wired network.
Wake On Lan	Turn on / off the TV wake-on-LAN.	
Wake on Wlan	Turn on / off the TV wake-on-WLAN.	
Screencast	Sets the Screencast configuration with your TV. If you want to exit the screencast setting, press the EXIT button. A pop-up screen will be displayed.	

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

PVR Option Setting (DTV Mode)

Allows you to set your preferences in the PVR File System, PVR recording and Timeshift.

1. Press the  button to display the main menu.
2. Press the  buttons to select **PVR Option** menu and then press the **OK** button.



3. Press the  buttons to select following setting options, then press the  buttons to adjust each option's setting.

PVR File System	<p>Allows you to select your preferences in the PVR File System.</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;">  <p>If using two USB devices to set PVR & TimeShift, one USB device is need to set for PVR, another USB device is set for TimeShift.</p> </div> <p>Press the OK button to enter the Device Info page, then press the  buttons to select your desired USB device. A pop-up menu will be displayed. Press the  buttons to select the following options. Press the EXIT button to exit the menu.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e0e0e0;">Set PVR</td> <td>Selects the disk where you want to store your recorded content.</td> </tr> <tr> <td style="background-color: #e0e0e0;">Set TSHIFT</td> <td>Selects the disk where you want to set for Time Shift.</td> </tr> <tr> <td style="background-color: #e0e0e0;">Format</td> <td>Start formatting the disk.</td> </tr> <tr> <td style="background-color: #e0e0e0;">Speed Test</td> <td>This shows the transfer rate of your USB storage device.</td> </tr> </table>	Set PVR	Selects the disk where you want to store your recorded content.	Set TSHIFT	Selects the disk where you want to set for Time Shift.	Format	Start formatting the disk.	Speed Test	This shows the transfer rate of your USB storage device.
Set PVR	Selects the disk where you want to store your recorded content.								
Set TSHIFT	Selects the disk where you want to set for Time Shift.								
Format	Start formatting the disk.								
Speed Test	This shows the transfer rate of your USB storage device.								
Start Record	Start PVR Recording.								
Start Timeshift	Start Timeshift.								
Record Files	Views the recorded programmes in the Recorded List .								
Time Shifting Mode	Press the  buttons to switch the Time Shifting Mode On / Off .								

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

Lock Setting

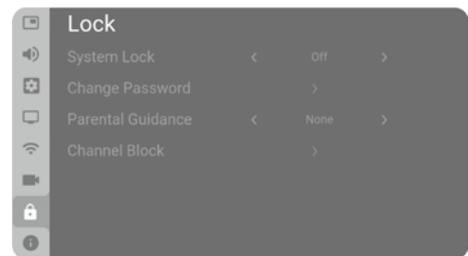
To access the **LOCK** menu, you must enter the password. Enter the default password “1234” for first time use. To change the password, please refer to the section “**Set Password**”.

Lock System

The **Lock System** is designed to prevent accidental re-tuning of the TV / losing of channels and to prevent children from watching unsuitable programmes.

The **Lock System** must be set to **On** for this function to operate. If the **Lock System** is set to **On**, a valid password must be entered.

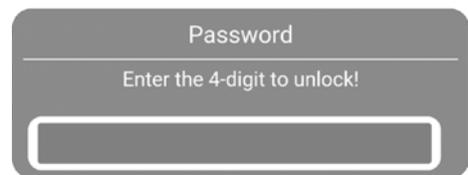
1. Press the  button to display the main menu.
2. Press the  buttons to select **Lock** menu and then press the **OK** button.



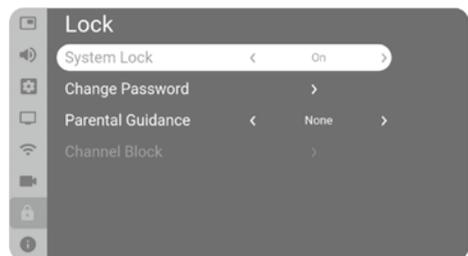
3. Use the **0-9** buttons to input a 4-digit password to enter the **Lock** menu.



- The default password is “1234”.
- If you change the password, be sure to remember the new password! If you forget the new password, enter the master password “3876”.

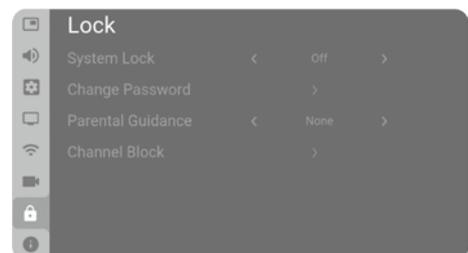


4. Press the  buttons to select **System Lock** and then the  buttons to select **On / Off**.
5. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.



Set Password

1. Press the  button to display the main menu.
2. Press the  buttons to select **Lock** menu and then press the **OK** button.



3. Use the **0-9** buttons to input a 4-digit password to enter the **Lock** menu.



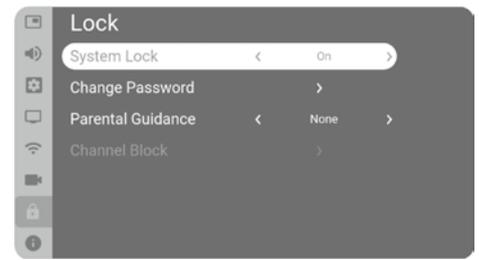
- The default password is “1234”.
- If you change the password, be sure to remember the new password! If you forget the new password, enter the master password “3876”.



5 Customising TV Settings

GB

- Press the ▲▼ buttons to select **System Lock** and then press the ◀▶ buttons to select **On**.
- Press the ▲▼ buttons to select **Change Password** and then press the **OK** button.
- Use the **0-9** buttons to input the old password and then input the new 4-digit password. Re-enter new password for confirmation.
- Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.



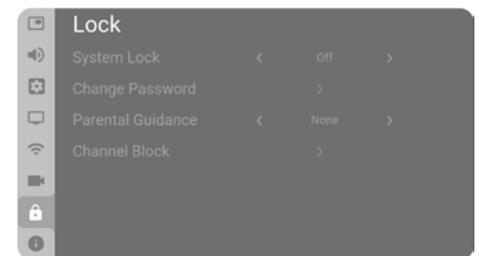
Parental Guidance

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

This TV is programmed to remember the last option set even if the TV is switched off.

When a programme is locked or rated, a valid password must be entered.

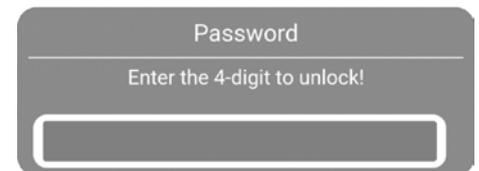
- Press the ⚙️ button to display the main menu.
- Press the ▲▼ buttons to select **Lock** menu and then press the **OK** button.



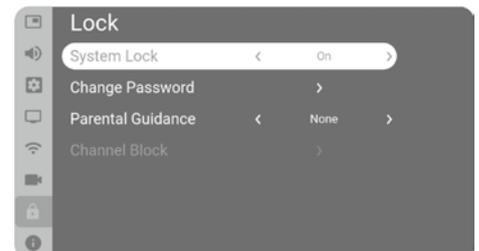
- Use the **0-9** buttons to input a 4-digit password to enter the **LOCK** menu.



- The default password is "1234".
- If you change the password, be sure to remember the new password! If you forget the new password, enter the master password "3876".



- Press the ▲▼ buttons to select **System Lock** and then press the ◀▶ buttons to select **On**.
- Press the ▲▼ buttons to select **Parental Guidance**.
- Press the ◀▶ buttons to select an age rating: **None, Age: 4-18**.
- Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

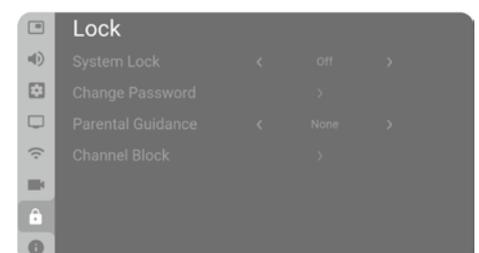


Channel Block

Channel Block is designed to prevent children from watching unsuitable programmes.

When a channel is blocked, a valid password must be entered.

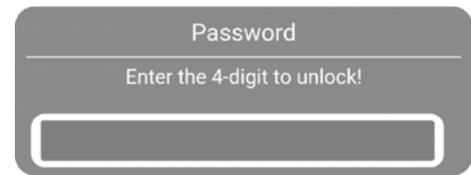
- Press the ⚙️ button to display the main menu.
- Press the ▲▼ buttons to select **Lock** menu and then press the **OK** button.



3. Use the **0-9** buttons to input a 4-digit password to enter the **LOCK** menu.



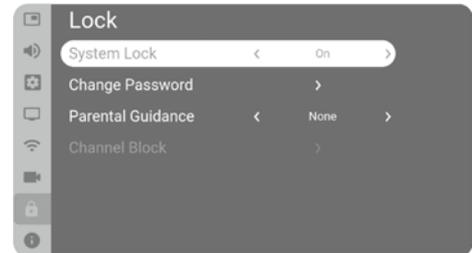
- The default password is “**1234**”.
- If you change the password, be sure to remember the new password! If you forget the new password, enter the master password “**3876**”.



4. Press the **▲▼** buttons to select **Channel Block** and then press the **OK** button.

5. A **Channel Block** screen will pop up. Press the **▲▼** buttons to select a channel. Press the **OK** button on the remote control to block or unblock the channel.

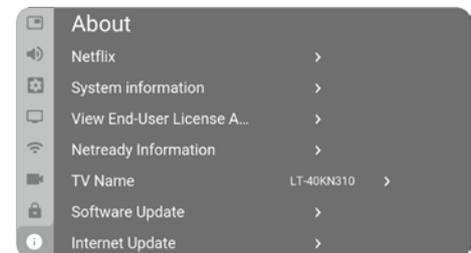
6. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.



About

1. Press the **⚙️** button to display the main menu.

2. Press the **▲▼** buttons to select **About** and then press the **OK** button.



3. Press the **▲▼** buttons to select following setting options, then press the **◀▶** buttons to adjust each option’s setting.

Netflix	Allows to control your Netflix account
Deactivate Netflix	Press the OK button and the ◀▶ buttons to select YES to confirm to clear your Netflix login account.
Terminate Netflix	Press the OK button and the ◀▶ buttons to select YES to confirm to terminate your Netflix.
Netflix ESN	Press the OK button and the ◀▶ buttons to display your ESN key information.
Netflix Version	Press the OK button and the ◀▶ buttons to display the Netflix version.
System information	Display your TV system information.
View End-User License Agreement	Display Data Collection and Firmware Updates Notice . You can select View Additional Details to display more details.
NetReady Information	Display NetReady information.
TV Name	Change your TV name.
Software Update	This function is only for servicing purposes. Any update information for this TV (if any) will be available at the following website or contact the our call centre: www.kotsovolos.gr or call our Support Centre on 210 289 9999 .
Internet Update	Check and automatically update the software of NetReady.

4. Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.

EPG (Electronic Programme Guide) (DTV or Radio Mode)

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

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

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

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

Switch On / Off EPG

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



Select a Programme

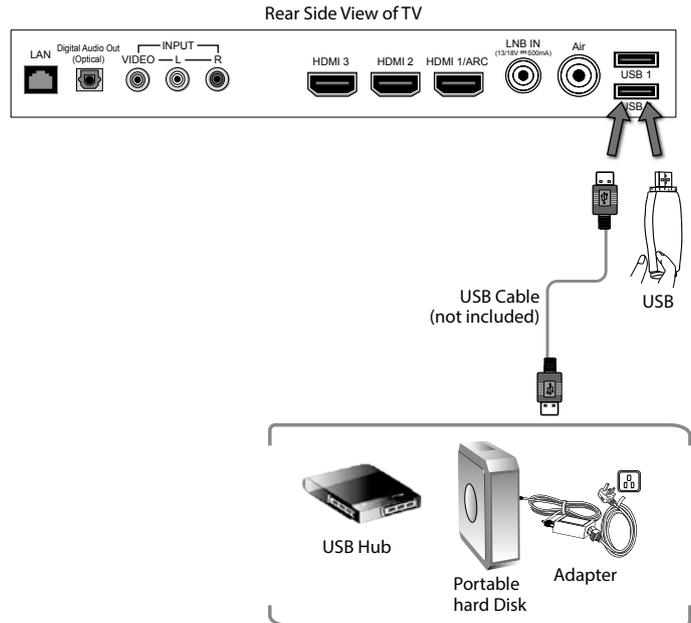
Press the **▲◀▶▼** buttons to select the desired programme. Press the **OK** button to confirm.

Button Functions in a 7-Day Guide

Remote Control Button	Function
RED (Previous Day)	View the schedule of the previous day in EPG .
GREEN (Next Day)	<ul style="list-style-type: none"> • View the schedule of the next day in EPG. • Sort the programme by time or by channel name in the Schedule List.
YELLOW (Detail)	No function.
BLUE (Type filter)	No function.
▲ or ▼ or ◀ or ▶	Press to select a channel and programme or switch between Schedule and guide menu.
OK (Add schedule)	Press to confirm the selection or add the selected programme to schedule list.
▶ (Schedule List)	Schedule list will then be displayed with your preset reminders shown.
EPG / EXIT	Press to switch off the EPG.

Connecting a USB Storage Device

1. Switch off the TV before connecting any USB storage device.
2. Connect your USB storage device to the USB port of your TV.
3. Plug the connected devices into the mains socket before switching on the TV.
4. Press the  button under the TV frame or on the remote control to turn on your TV.
5. Press the  button on the remote control to display the **Input Source** bar. Use the   buttons to select **USB** and then press the **OK** button to confirm.



- If a hard disk is used, make sure its mains adapter is connected to the mains supply.
- If a USB hub is used, make sure its mains adapter is connected to the mains supply as the total current consumption may exceed 500mA.
- The maximum supported storage space of the hard disk is 1 TB.
- The file system only supports FAT32 format.
- If you want to store the video streaming of a DTV programme, the transfer rate of the USB storage device must not be less than 5MB/s, otherwise the picture and sound of the programme will be affected and a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device.
- The TV screen will be blank temporarily as it will take time to start up and stabilise the connected hard disk. This is normal and the starting time may vary depending on the brand and the memory size of the connected hard disk.
- Disconnect the USB storage device if it is not in use.
- Supports USB2.0 only.

Viewing Photos

1. Press the   buttons to select **Photo** and then press the **OK** button.
2. If you have more the one devices connected, press the   buttons to select your storage device and then press the **OK** button.
3. Press the     buttons to navigate in the picture files and then press the **OK** button to view.

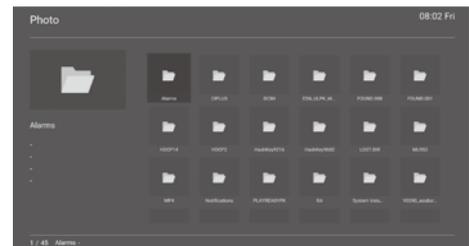
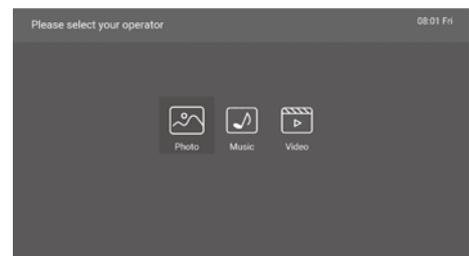


Supported file formats: JPG.

4. Press the **OK** button to display the function bar. Press the   buttons and then press the **OK** button to select the function.
5. Press the **BACK** or the **EXIT** button to return to the previous menu.



If this folder also contains music files, you can select a music track to play at the same time you view your photos.



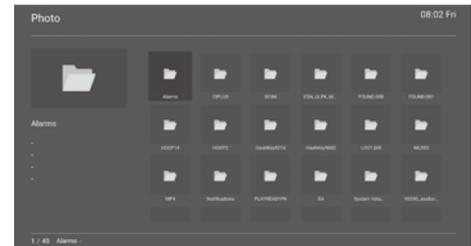
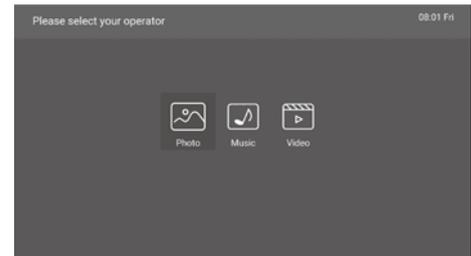
Listening to Music

1. Press the ◀▶ buttons to select **Music** and then press the **OK** button.
2. If you have more than one device connected, press the ◀▶ buttons to select your storage device and then press the **OK** button.
3. Press the ▲◀▶▼ buttons to navigate in the music files and then press the **OK** button to listen.



Some audio file formats will not be supported.

4. Press the **OK** button to display the function bar. Press the ◀▶ buttons and then press the **OK** button to select the function.
5. Press the **BACK** or the **EXIT** button to return to the previous menu.



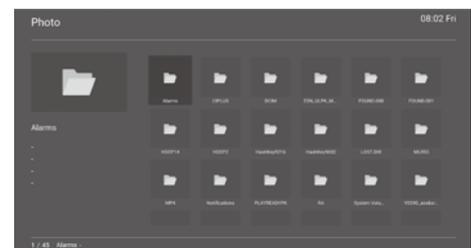
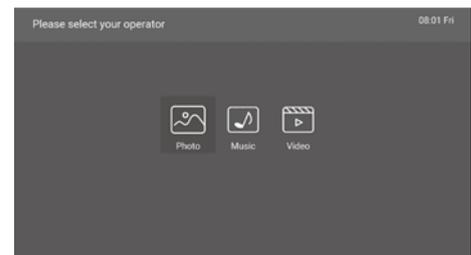
Viewing Movies

1. Press the ◀▶ buttons to select **Video** and then press the **OK** button.
2. If you have more than one device connected, press the ◀▶ buttons to select your storage device and then press the **OK** button.
3. Press the ▲◀▶▼ buttons to navigate in the movie files and then press the **OK** button to view.



Some video file formats will not be supported.

4. Press the **OK** button to display the function bar. Press the ◀▶ buttons and then press the **OK** button to select the function.
5. Press the **BACK** or the **EXIT** button to return to the previous menu.



Timeshift Function

This function allows you to pause live TV. The picture will pause and the programme will begin recording so you will not miss any of the programme. You need to have a USB storage device attached to the USB socket for Timeshift Recording to work.



- Timeshift Mode and Recording functions may not work if the signal strength is weak.
- Stop the Timeshift function before switching to another input source.



If the transfer rate of the USB storage device is too slow for recording or Timeshift function, a warning statement will be shown on the screen. If this happens, please upgrade your USB storage device. The minimum transfer speed is 5MB/s.

During normal TV viewing, you may press the **▶||** button to pause the live programme if you want to go out for a while (e.g. going to the bathroom / kitchen). The PVR Timeshift progress bar will be displayed on the screen.

When you have returned, press the **▶||** button to play the missed broadcast programme.

The video and sound may have a little bit of delay or be out-of-sync for a few seconds when the unit starts to playback the missed broadcast programme. It will soon turn to normal.



The 'PVR Timeshift Progress Bar'

- 1 Indicates the time lagging behind the live broadcast (PVR reviewing)
- 2 Indicates the available recording time on your USB storage device

Using the Remote Control

You can shift playback to any point of the virtually recorded programme.

◀◀ or ▶▶	<p>When playing,</p> <ul style="list-style-type: none"> • Press the ◀◀ button repeatedly to speed up ◀◀ -2X / -4X / -8X / -16X / -32X. • Press the ▶▶ button repeatedly to speed up ▶▶ 2X / 4X / 8X / 16X / 32X. • During fast forward / fast backward state, press the ▶ button to return to normal playback.
▶	<ul style="list-style-type: none"> • During playback, press the ▶ button to display a still screen and then press the ▶ button again to resume playback. • During fast forward / fast backward state, press the ▶ button to return to normal playback.
■	<p>If you want to exit the PVR Timeshift progress bar and return to the current live broadcast, press the ■ button.</p>

Recording DTV Programme onto a USB Storage Device

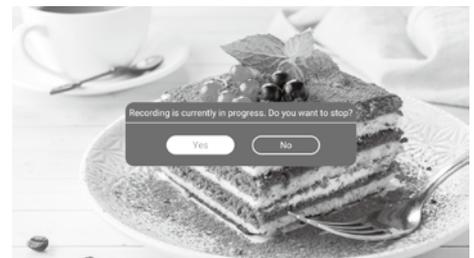
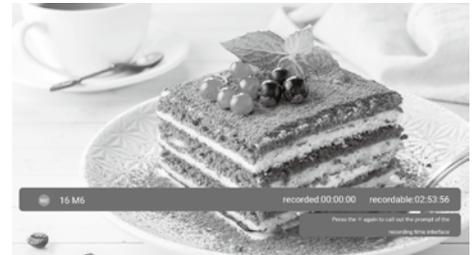
Use this function to record the DTV programme you are watching on the main screen and save it for future viewing.

The recording from timer programme or direct recording may have a little bit of delay when it starts to record the broadcast programme.

1. Press the **●** button to record the programme that you are currently watching. A pop-up menu will be displayed, press the **◀** button to select **YES** to start recording. The recording progress bar will appear later.
2. Press the **●** button again, the recording progress bar will disappear and the **●** logo will be displayed at the bottom right corner. If you want to display the recording progress again, press the **●** button.
3. If you want to stop recording, press the **■** button. A pop up menu to be displayed, press the **◀** button to select **YES** to stop recording.



Recording will stop automatically when the disk is full.



Timer Programming

This function is used to perform scheduled recording.

The recording from timer programme or direct recording may have a little bit of delay when it starts to record the broadcast programme.

Please make sure the USB device is inserted. If not, a warning message will pop up.

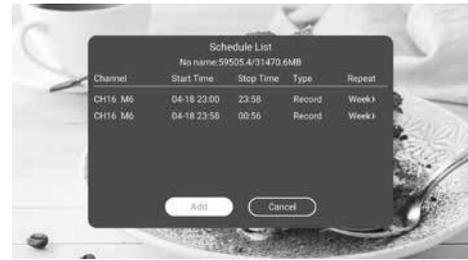
1. Press the **EPG** button on the remote control. The **EPG** menu will appear.



2. Press the **▲◀▶▼** buttons select the channel then press the **OK** button to **Add Schedule**.
3. Press the **▲▼** buttons to select the setting options, then press the **◀▶** buttons or **0-9** buttons to adjust each option's setting.



- If you want to view or edit the schedule, press the **EPG** button and then press the **▶▶** buttons to select the **Schedule List**.



- Press the **BACK** button to return to the previous menu or press the **EXIT** button to exit the menu.

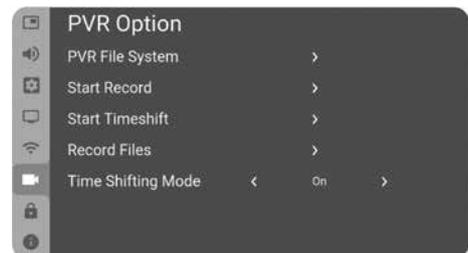
Playing Recorded Programme

You can play a recorded programme from the recorded programme list in DTV mode.

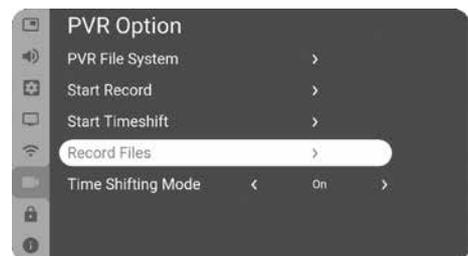
- Press the  button on the remote control to display the **Input Source List**. Use the **◀▶** buttons to select your desired **DTV (DVB-T / DVB-C / DVB-S)** and then press the **OK** button to confirm.



- Press the  button and then press the **▲▼** buttons to select the **PVR Option** menu and then press the **OK** button.

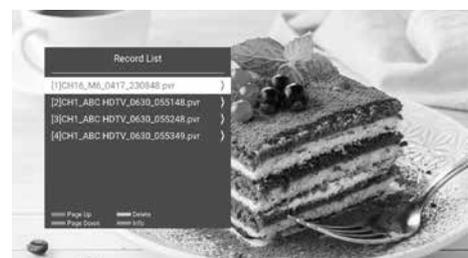


- Press the **▲▼** buttons to select **Record Files** and then press the **OK** button.



- Record List** will be display. Press the **▲▼** buttons to navigate the list and then press the **OK** button to view.

- Press the **BACK** button to return to the previous menu. Press the **EXIT** button to exit the menu.



The first time you open Smart TV, you need to configure your connection. Read and agree to the terms and conditions to continue. The Smart TV start page is your link to the Internet. You can rent movies online, read newspapers, watch videos and listen to music, also shop online, or watch TV programmes when it suits you with On-line TV.

JVCKENWOOD bears no responsibility regarding the content and the quality of the content provided by the content service providers.

Open Smart TV

1. To open the Smart TV, press the **⬆** button to display the home menu.
2. Use the **◀▶** buttons to select the desired App from the app gallery, then press the **OK** button to confirm. The TV connects to the Internet and opens the relevant apps. This may take a few seconds.

Close Smart TV

To close the Smart TV apps, simple press the **EXIT** button.



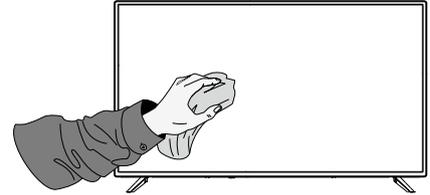
Maintenance

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



Be sure to press the  button under the TV frame or on the remote control to turn off your TV. Disconnect the mains cable from the mains socket before any cleaning.

1. Use a soft dry cloth to wipe away the dust from the screen and surfaces.
2. If the surfaces are extremely dirty, clean the TV with a cloth which has been dipped in a slightly soapy water. Wring the cloth until it is almost dry, then use it to wipe the TV.
3. Ensure there is no excess water on the screen. Allow any water or dampness to evaporate before switching the TV on.



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

Hints and Tips

The following table contains various hints and tips to get the best performance from your TV. If you require additional assistance, please visit www.kotsovolos.gr or call our Support Centre on **210 289 9999**.

The TV does not operate properly.

The TV does not respond when pressing any buttons

- The TV may freeze up during use. Disconnect the mains plug from the mains socket for a few minutes. Reconnect the mains plug and try to operate it again as usual.

TV cannot be switched on

- Check that the TV is connected to the mains supply is switched on.
- Make sure all connected AV devices are switched off before switching on your TV.

The remote control does not work

- Check to see if there are any objects between the TV and the remote control causing an obstruction. Ensure that you are pointing the remote control directly at the TV.
- Ensure that the batteries are installed with the correct polarity (+ to +, - to -).
- Install new batteries.

Power is suddenly turned off

- Check the power of the TV. The mains supply maybe interrupted.
- Check if the sleep timer is set.
- Check whether the Auto Standby is activated.

The video function does not work.

No Picture & No Sound

- Check whether the TV is switched on.
- Try another channel. The problem may be caused by the broadcaster.

Picture appears slowly after switching on

- This is normal, the image is muted during the TV startup process. Please contact your service centre, if the picture has not appeared after five minutes.

No or poor colour or poor picture

- Adjust the settings in the **Picture** menu.
- Try another channel. The problem may be caused by the broadcaster.
- Check if the video cables are connected properly.

Horizontal / Vertical bar or picture shaking

- Check for local interference such as an electrical appliance or power tool.

Poor reception on some channels

- Station or cable channel may be experiencing problems, tune to another station.
- Station signal is weak, reposition the aerial for better reception.
- Check for sources of possible interference.

Lines or streaks in pictures

- Check aerial (Change the position of the aerial.)

No pictures when connecting HDMI

- Check if the input source is **HDMI 1 / HDMI 2 / HDMI 3**.

The audio function does not work.

Picture OK but no sound	<ul style="list-style-type: none"> • Press the VOL + / - buttons on the remote control. • Sound muted? Press the MUTE button. • Try another channel. The problem may be caused by the broadcaster.
No output from one of the speakers	<ul style="list-style-type: none"> • Adjust the Balance settings in the SOUND menu.
Unusual sound from inside the TV	<ul style="list-style-type: none"> • A change in ambient humidity or temperature may result in an unusual noise when the TV is switched on or off and does not indicate a fault with the TV.
No sound when connecting HDMI	<ul style="list-style-type: none"> • Check if the input source is HDMI 1 / HDMI 2 / HDMI 3.
Audio noise	<ul style="list-style-type: none"> • Keep the RF coaxial cable away from other connected cables.
Distorted sound	<ul style="list-style-type: none"> • Adjust the SOUND MODE setting in the SOUND menu, depending on the type of program you are watching.

Password

Lost password	<ul style="list-style-type: none"> • Select the Change Password setting in the LOCK menu, then enter the following master password "3876". The master password clears your previous password and allows you to enter a new password.
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Channels are not recording.

Not all channels record	<ul style="list-style-type: none"> • You can only record free to air channels. • You may have you run out of space on your USB storage device. Delete some files or use another USB storage device. • Check that there were no recording conflicts from scheduled series recordings.
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FAQs (Frequently Asked Questions)

Why have I lost some / all of my channels?	<ul style="list-style-type: none"> • It happens sometimes if you have a weak signal. Usually it just means you'll need to re-scan your digital box or TV. Don't worry, it is easy to do. And once you've done it, you should get all the Freeview channels available to you. If problems persist you may need to get your aerial checked. Talk to your retailer or contact your local aerial installer.
Why do I get 'blocking' on my digital picture?	<ul style="list-style-type: none"> • In most cases, blocking is caused by a reception problem – either the signal is too weak or there is some kind of interference. Talk to your retailer or contact your local aerial installer. • Blocking can also be caused by a digital signal that is too strong. If you are still experiencing blocking and the signal is strong, consult your local aerial installer for advice.
What type of aerial do I need?	<ul style="list-style-type: none"> • If you are installing a new aerial, we recommend a wideband rooftop aerial rather than a loft aerial. Loft aerials generally receive a weaker digital signal and are more likely to get interference from other electrical devices at home. We suggest you have an aerial survey done before getting an aerial upgrade. • Talk to your retailer or contact your local aerial installer.

Product Fiche and Specifications

Brand	JVC
Model	LT-40KN310
Standby Power Consumption	0.40 W
Display Resolution	1920 pixels (horizontal) x 1080 pixels (vertical)
Panel System	40 inch Direct lit LED Panel
Television System	PAL I / BG / DK DVB-T2 (VIDEO: MPEG-2 MP@ML, MPEG-2 MP@HL, H.264, H.265 SOUND: AAC, MPEG-1 LAYER 1/2, MPEG-2 LAYER 2)
Peak Luminance (On-Mode/Home Mode)	70%
Power Source	100-240V ~50/60Hz
Off Power Consumption	N/A
Network standby power	< 2W
Operating Temperature	0°C – 40°C
Operating Humidity	10% – 80%
Mercury Content (mg)	N/A
Presence of Lead (Please refer to *2 under this table)	✓
Speaker Power	2 x 8W
Dimension(W x H x D) with base	905 x 559 x 237 mm
Weight (Net)	5.55 kg
Inputs / Output	
AV	1
HDMI	3 (HDMI 1 with ARC)
AUDIO IN (RCA)	1 (L+R)
USB	2 x USB 2.0
Air (Aerial socket)	1
Satellite Socket	1
Digital Audio Out (Optical)	1
Ethernet (RJ-45)	1
Built in wireless network	Yes

Wireless LAN Transmitter	
Frequency Ranges	Max Output Power
2400 - 2483,5 MHz (CH1-CH13)	< 100 mW

Features and specifications are subject to change without prior notice.

- *1 Energy consumption per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- *2 This television contains lead in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.

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<https://www.currys.co.uk/>

Click on **SEARCH** and enter the model number.



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.



Notes for Battery Disposal

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

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

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Declaration of Conformity (RED)



Hereby, Currys Limited, declares that this TV (LT-40KN310) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.currys.co.uk/>
Click on **HELP & SERVICES/Repairs & maintenance/Product Manuals** and enter the model number.

Dear Customer,

This apparatus is in conformance with the valid European directives compatibility and electrical safety.

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