



AOC LE32S5970 LCD TV with LED Backlight User Manual

[Home](#) » [AOC](#) » AOC LE32S5970 LCD TV with LED Backlight User Manual 

Contents

- 1 LE32S5970 LCD TV with LED Backlight
- 2 Using help
- 3 Troubleshooting
- 4 TV tour
- 5 Setting up
- 6 Connect devices
- 7 Home menu
- 8 Network
- 9 Switching On and Off
- 10 Remote control
- 11 Channels
- 12 TV guide
- 13 Recording and Pause TV
- 14 Utilities
- 15 Netflix
- 16 Sources
- 17 Internet
- 18 Your music, movies and photos
- 19 Smartphones and tablets
- 20 40
- 21 Documents / Resources
 - 21.1 References

LE32S5970 LCD TV with LED Backlight



LCD TV with LED backlight

User Manual

LE32S5970



LE43S5970

LE49S5970



Using help

Open Help

Press the  key (blue) to open Help immediately. Help will open to the chapter that is most relevant to what you are doing or what is selected on TV. To look up topics alphabetically, press the color key  Keywords.

To read the Help as a book, select Book.

Before you execute the Help instructions, close Help.

To close Help, press the color key  Close.

TV Help on your tablet, smartphone or computer

To carry out extended sequences of instructions more easily, you can download the TV Help in PDF format to read on your smartphone, tablet or computer. Alternatively, you can print the relevant Help page from your computer.

Troubleshooting

2.1 Channels

No digital channels found during the installation Make sure that all cables are properly connected and that the correct network is selected.

Previously installed channels are not in the channel list Make sure that the correct channel list is selected.

2.2 General

The TV does not switch on

- Disconnect the power cable from the power outlet. Wait for one minute then reconnect it.
- Make sure that the power cable is securely connected.

Creaking sound at startup or power off

When you are turning the TV on, off or to standby, you hear a creaking sound from the TV chassis. The creaking

sound is due to the normal expansion and contraction of the TV as it cools and warms up. This does not affect performance.

TV does not respond to the remote control

The TV requires some time to start up. During this time, the TV does not respond to the remote control or TV controls. This is normal behavior.

If the TV continues to be unresponsive to the remote control, you can check if the remote control is working by means of a mobile phone camera. Put the phone in camera mode and point the remote control to the camera lens. If you press any key on the remote control and you notice the infra-red LED flicker through the camera, the remote control is working. The TV needs to be checked.

If you do not notice the flickering, the remote control might be broken or its batteries are low.

This method of checking the remote control is not possible with remote controls which are wirelessly paired with the TV.

The TV goes back to standby after showing the startup screen

When the TV is in standby, a startup screen is displayed, then the TV returns to standby mode. This is normal behavior. When the TV is disconnected and reconnected to the power supply, the startup screen is displayed at the next startup. To turn the TV on from standby, press on the remote control or the TV.

The standby light keeps on blinking

Disconnect the power cable from the power outlet. Wait 5 minutes before you reconnect the power cable. If the blinking reoccurs, contact AOC TV Consumer Care.

2.3 Picture

No picture / distorted picture

- Make sure that the antenna is properly connected to the TV.
- Make sure that the correct device is selected as the display source.
- Make sure that the external device or source is properly connected.

Sound but no picture

- Make sure that the picture settings are set correctly.

Poor antenna reception

- Make sure that the antenna is properly connected to the TV.
- Loud speakers, unearthed audio devices, neon lights, high buildings and other large objects can influence reception quality.

If possible, try to improve the reception quality by changing the antenna direction or moving devices away from the TV.

Poor picture from a device

- Make sure that the device is connected properly.
- Make sure that the picture settings are set correctly.

Picture settings change after a while

Make sure that Location is set to Home. You can change and save settings in this mode.

A commercial banner appears

Make sure that Location is set to Home.

Picture does not fit the screen

Change to a different picture format. Press PICTURE FORMAT key on remote control.

Picture format keeps changing with different channels Select a non "Auto" picture format.

Picture position is incorrect

Picture signals from some devices may not fit the screen correctly. Check the signal output of the connected

device.

Computer picture is not stable

Make sure that your PC uses the supported resolution and refresh rate.

2.4 Sound

No sound or poor sound quality

If no audio signal is detected, the TV automatically switches the audio output off — this does not indicate malfunction.

- Make sure that the sound settings are correctly set.
- Make sure that all cables are properly connected.
- Make sure that the volume is not muted or set to zero.
- Make sure that the TV audio output is connected to the audio input on the Home Theater System. Sound should be heard from the HTS speakers.
- Some devices may require you to manually enable HDMI audio output. If HDMI audio is already enabled, but you still do not hear audio, try changing the digital audio format of the device to PCM (Pulse Code Modulation). Refer to the documentation accompanying your device for instructions.

2.5 HDMI and USB

HDMI

- Note that HDCP (High-bandwidth Digital Content Protection) support can delay the time taken for a TV to display content from an HDMI device.
- If the TV does not recognize the HDMI device and no picture is displayed, switch the source from one device to another and back again.
- If there are intermittent sound disruptions, make sure that output settings from the HDMI device are correct.

HDMI E-Link does not work

- Make sure that your HDMI devices are HDMI-CEC compatible. E-Link features only work with devices that are HDMI-CEC compatible.

No volume icon shown

- When an HDMI-CEC audio device is connected this behavior is normal.

Photos, movies, and music from a USB device do not play

- Make sure that the USB storage device is set to Mass Storage Class compliant, as described in the storage device's documentation.
- Make sure that the USB storage device is compatible with the TV.
- Make sure that the audio and picture file formats are supported by the TV.

Choppy playback of USB files

- The transfer performance of the USB storage device may limit the data transfer rate to the TV which causes poor playback.

2.6 Wi-Fi and Internet

Wi-Fi network not found or distorted

- Microwave ovens, DECT phones or other Wi-Fi 802.11b/g/n devices in your proximity might disturb the wireless network.
- Make sure that the firewalls in your network allow access to the TV's wireless connection.
- If the wireless network does not work properly in your home, try the wired network installation.

Internet does not work

- If the connection to the router is OK, check the router connection to the Internet.

The PC and Internet connection are slow

- Look in your wireless router's user manual for information on indoor range, transfer rate and other factors of signal quality.
- Use a high-speed (broadband) Internet connection for your router.


DHCP

- If the connection fails, you can check the DHCP (Dynamic Host Configuration Protocol) setting of the router. DHCP should be switched on.

2.7 Wrong menu language

Change the language back to your language.

To change the language of the TV menus and messages...

1. – Press the Settings key.
2. – Select General settings > Language > Menu Language and press OK.
3. – Select the language you need.
4. – Press  (left) repeatedly if necessary, to close the menu.

TV tour


3.1 Smart TV

Connect this Smart LED TV to the Internet and discover a new world of television. You can install a wired connection to your router or you can link up wirelessly with Wi-Fi.

With the TV connected to your home network, a smartphone can show a photo on TV, you can play videos stored on your computer or control the TV with your tablet.

With your TV connected to the Internet, you can watch a rental video from an online video store, read the online TV guide or record your favorite TV show on a USB Hard Drive.

The Smart TV Apps add to the fun with all sorts of entertainment and convenient services.


In Help, press  Keywords and look up Smart TV for more information.

3.2 App gallery

Open the App gallery in Smart TV to browse the Apps, the collection of tailored websites for TV.

There are Apps for renting videos from an online video store and Apps for watching programs you missed.

If the App gallery does not have what you are looking for, try the World Wide Web and surf the Internet on TV.

In Help, press  Keywords and look up App gallery for more information.

3.3 Rental videos

You don't need to leave your home to watch a rental video.

Simply rent the latest movie from your regional online video store.

Start Smart TV and add the video store App to the Smart TV start page.

Open the video store App, create your personal account, select the movie and press play. No fuss with downloading, you can watch the movie immediately*.

In Help, press  Keywords and look up Rental videos for more information.

* Depending on the video streaming service of the selected video store.

3.4 Social Networks

No need to get up to check your friend's messages on your computer.

On this TV, you get the messages from your social networks on your TV screen. You can send a return message from your couch.

For more information, in Help, press the color key  Keywords and look up Apps.

3.5 Pause TV and recordings

If you connect a USB Hard Drive, you can pause and record a broadcast from a digital TV channel.

Pause your TV and answer that urgent phone call, or simply take a break during a sports match while the TV stores the broadcast on the USB Hard Drive. You can watch it again later. With a USB Hard Drive connected, you can also record digital broadcasts, record while you are watching a program, or schedule a recording of an upcoming program.

For more information, in Help, press the color key  Keywords and look up Pause TV or Recording.

Setting up

4.1 Read safety

Read the safety instructions first before you use the TV.

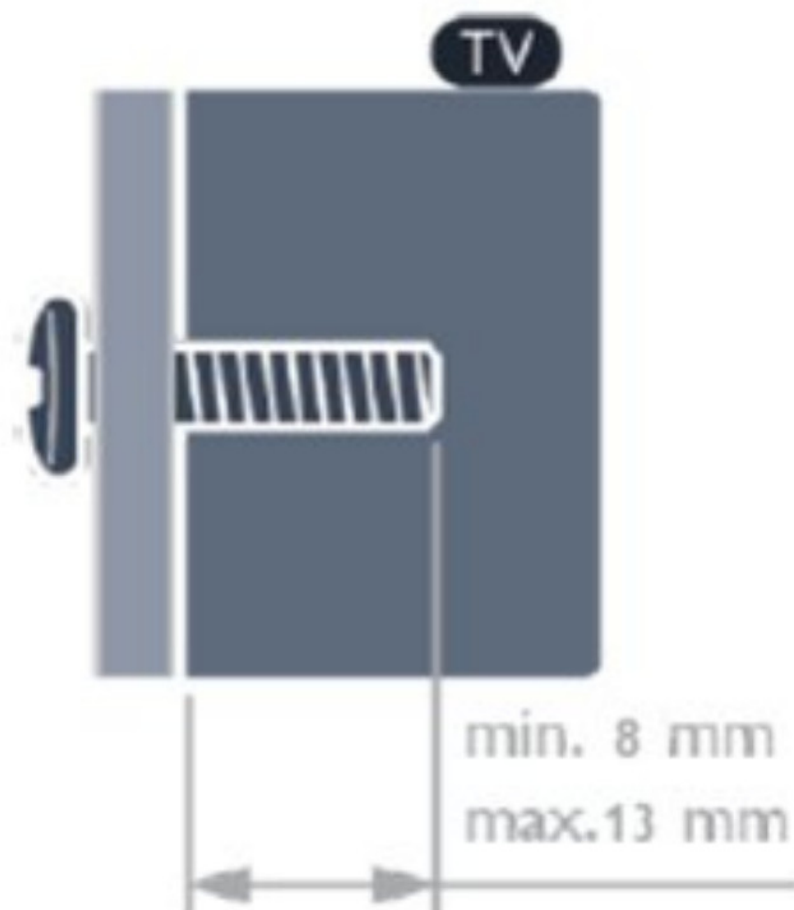
To read the instructions, in Help, press the color key  Keywords and look up Safety instructions.

4.2 TV stand and wall mounting

You can find the instructions for mounting the TV stand in the Quick Start Guide that came with the TV.

Your TV is also prepared for a VESA-compliant wall mount bracket (sold separately).

Use the following VESA code when purchasing the wall mount . . .



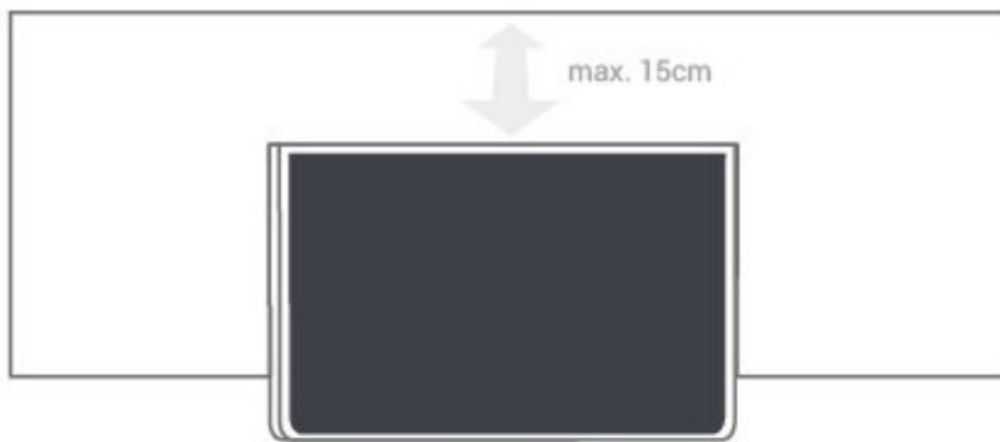
- For 32-inch TV: VESA MIS-F 100×100, M4
- For 43-inch TV: VESA MIS-F 200×200, M6
- For 49-inch TV: VESA MIS-F 400×200, M6

Caution

Wall mounting the TV requires special skills and should only be performed by qualified personnel. The TV wall mounting should meet safety standards according to the TV's weight. Also read the safety precautions before positioning the TV.

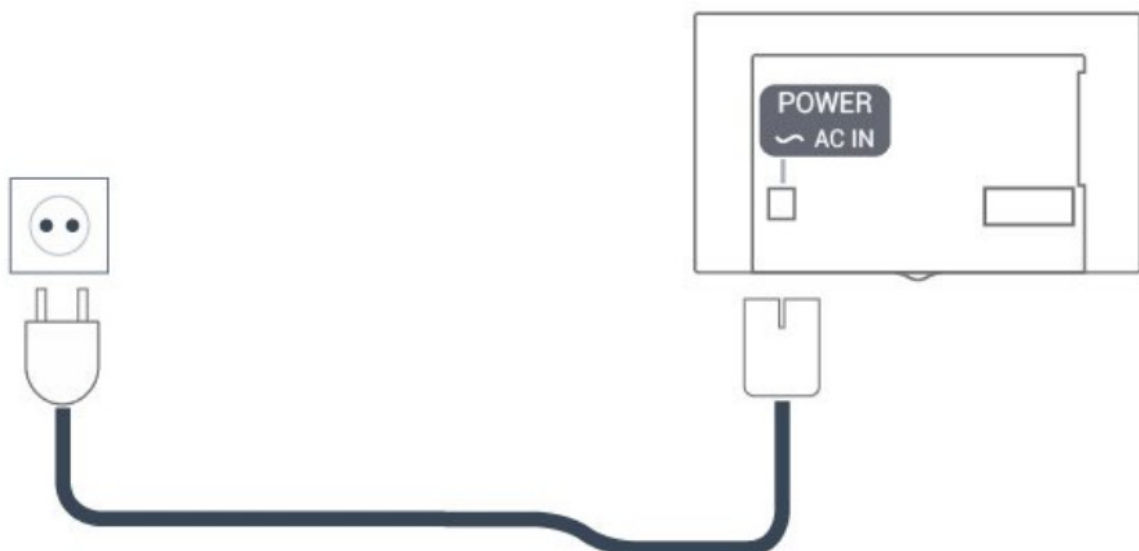
4.3 Tips on placement

- Position the TV where light does not shine directly on the screen.
- Position the TV up to 6 inches away from the wall.
- The ideal distance to watch TV is 3 times its diagonal screen size. When seated, your eyes should be level with the center of the screen.



4.4 Power cable

- Insert the power cable into the POWER connector on the back of the TV.
- Make sure the power cable is securely inserted in the connector.
- Make sure that the power plug, in the wall socket, is accessible at all times.
- When you unplug the power cable, always pull the plug, never pull the cable.



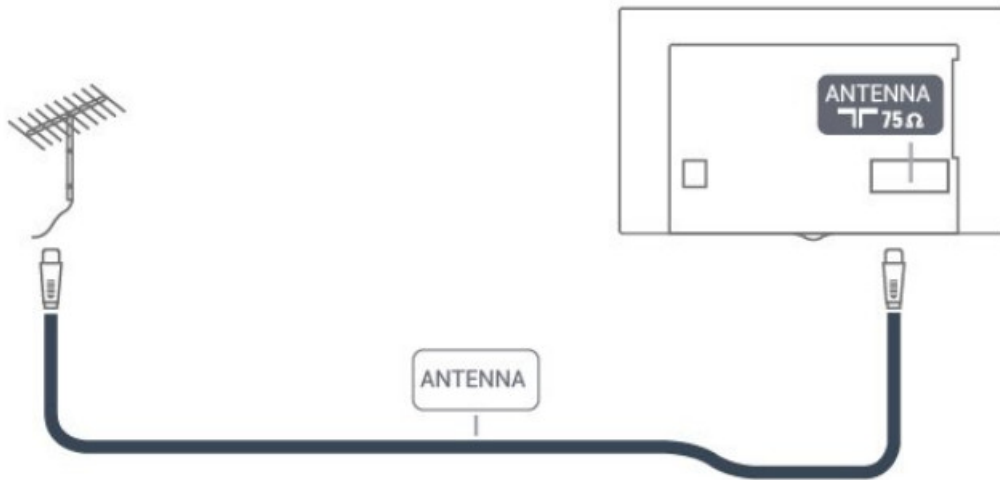
Although this TV has a very low standby power consumption, unplug the power cable to save energy if you do not use the TV for a long period of time.

For more information, in Help, press the color key  Keywords and look up Switching on for more information.

4.5 Antenna cable

Insert the antenna plug firmly into the Antenna socket at the back of the TV.

You can connect your own antenna or an antenna signal from an antenna distribution system. Use an IEC Coax 75 Ohm RF antenna connector.



Connect devices

5.1 About connections

Antenna port

If you have a Set-top box (a digital receiver) or Recorder, connect the antenna cables to run the antenna signal through the Set-top box and/or Recorder first before it enters the TV. In this way, the antenna and the Set-top box can send possible additional channels to the Recorder to record.

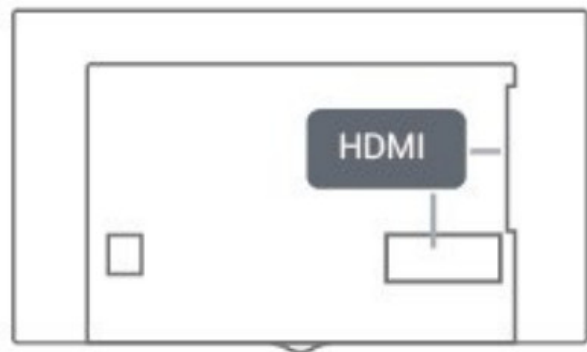
HDMI ports

HDMI quality

An HDMI connection has the best picture and sound quality.

One HDMI cable combines video and audio signals. Use an HDMI cable for TV signal.

For best signal quality transfer, use a High speed HDMI cable and do not use an HDMI cable longer than 5 m



Copy protection

HDMI cables support HDCP (High-bandwidth Digital Content Protection). HDCP is a copy protection signal that prevents copying content from a DVD disc or Blu-ray Disc. Also referred to as DRM (Digital Rights Management).

HDMI CEC

E-Link

E-Link HDMI CEC

If your devices are connected with HDMI and have E-Link, you can operate them with the TV remote control. E-Link HDMI CEC must be switched On on the TV and the connected device.




Operate devices

To operate a device connected to HDMI and set up with E-Link, select the device or its activity in the list of TV connections.

Press SOURCES, select a device connected to an HDMI connection, and press OK.


E-Link settings

To switch off E-Link completely...

1. Press the Settings key, select General settings and press  (right) to enter the menu.
2. Select E-Link, press  (right) and select E-Link one step further.
3. Select Off.
4. Press  (left) repeatedly if necessary, to close the menu.

E-Link remote control

To switch E-Link Remote Control on or off...

1. Press the Settings key, select General settings and press > (right) to enter the menu.
2. Select E-Link > E-Link Remote Control and press OK.
3. Select On or Off and press OK.
4. Press  (left) repeatedly if necessary, to close the menu.

Pixel Plus Link

Some devices, such as a DVD or Blu-ray Disc player, might have their own picture quality processing. To avoid bad picture quality caused by interference with the TV's processing, picture processing should be disabled on these devices.

To switch Pixel Plus Link on or off...

1. Press the Settings key, select General settings, and press > (right) to enter the menu.
2. Select E-Link > Pixel Plus Link and press OK.
3. Select On or Off and press OK.
4. Press < (left) repeatedly if necessary, to close the menu.

Auto turn off devices

You can set the TV to turn off the connecting HDMI-CEC compliant devices if they are not the active source. The TV turns the connected device to standby after 5 minutes of inactivity.

HDMI ARC

Only HDMI 3 on the TV has HDMI ARC (Audio Return Channel).

If the device, typically a Home Theater System (HTS), also has the HDMI ARC connection, connect it to the HDMI 3 connection on this TV. With the HDMI ARC connection, you do not need to connect the extra audio cable that sends the TV sound to the HTS. The HDMI ARC connection combines both signals.

In case you prefer to disable ARC on the HDMI connections, press Settings key.

Select Sound and press > (right) to enter the menu. Select Advanced > HDMI 3 – ARC and press OK.

HDMI MHL

With HDMI MHL, you can send what you see on your Android smartphone or tablet to a TV screen.

The HDMI 1 connection on this TV incorporates MHL 2.0 (Mobile High-Definition Link).

This wired connection offers great stability and bandwidth, low latency, no wireless interference and good quality sound reproduction. On top of that, the MHL connection will charge the battery of your smartphone or tablet. Although connected, your mobile device will not be charging when the TV is on standby.

Inform yourself regarding which passive MHL cable is suited for your mobile device. In particular, with the HDMI connector for the TV on one side, the type of connector you need to connect to your smartphone or tablet.

MHL, Mobile High-Definition Link and the MHL Logo are trademarks or registered trademarks of the MHL, LLC.



DVI to HDMI

If you still own a device that only has a DVI connection, you can connect the device to any of the HDMI connections with a DVI to HDMI adapter.

Use a DVI to HDMI adapter if your device only has a DVI connection. Use one of the HDMI connections and add an Audio L/R cable (mini-jack 3.5mm) to Audio In for sound on the back of the TV.

Copy protection

DVI and HDMI cables support HDCP (High-bandwidth Digital Content Protection). HDCP is a copy protection signal that prevents copying content from a DVD disc or Blu-ray Disc. Also referred to as DRM (Digital Rights Management).

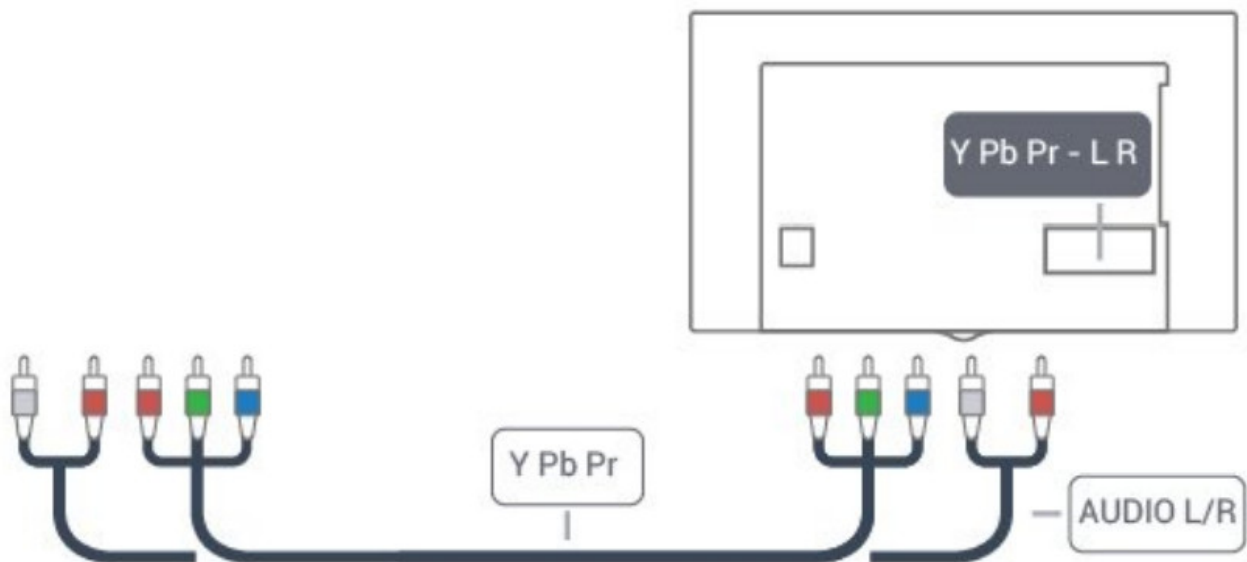
Y Pb Pr – Component

Y Pb Pr – Component Video is a high quality connection.

The YPbPr connection can be used for High Definition (HD) TV signals. Next to the Y, Pb and Pr signals, add the Audio Left and Right signals for sound.

Match the YPbPr (green, blue, red) connector colors with the cable plugs when you make the connections.

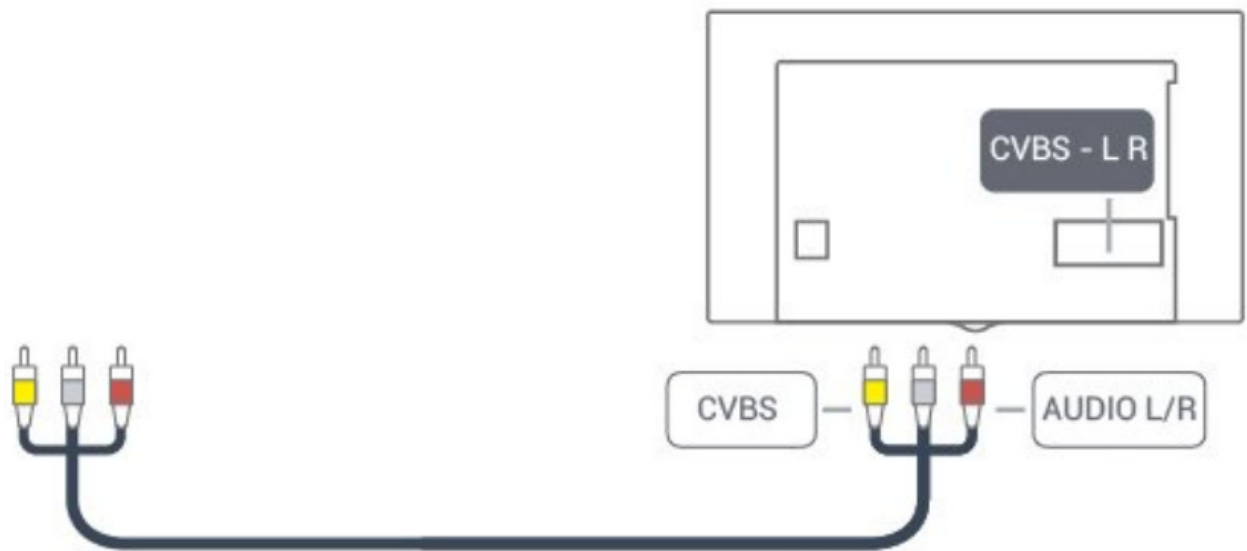
Use an Audio L/R cinch cable if your device also has sound



CVBS – Audio L R

CVBS – Composite Video is a high quality connection. Next to the CVBS signal, add the Audio Left and Right signals for sound.

- Y shares the same jack with CVBS.
- Component and Composite share audio jacks.



SPDIF

SPDIF is a high quality sound connection.

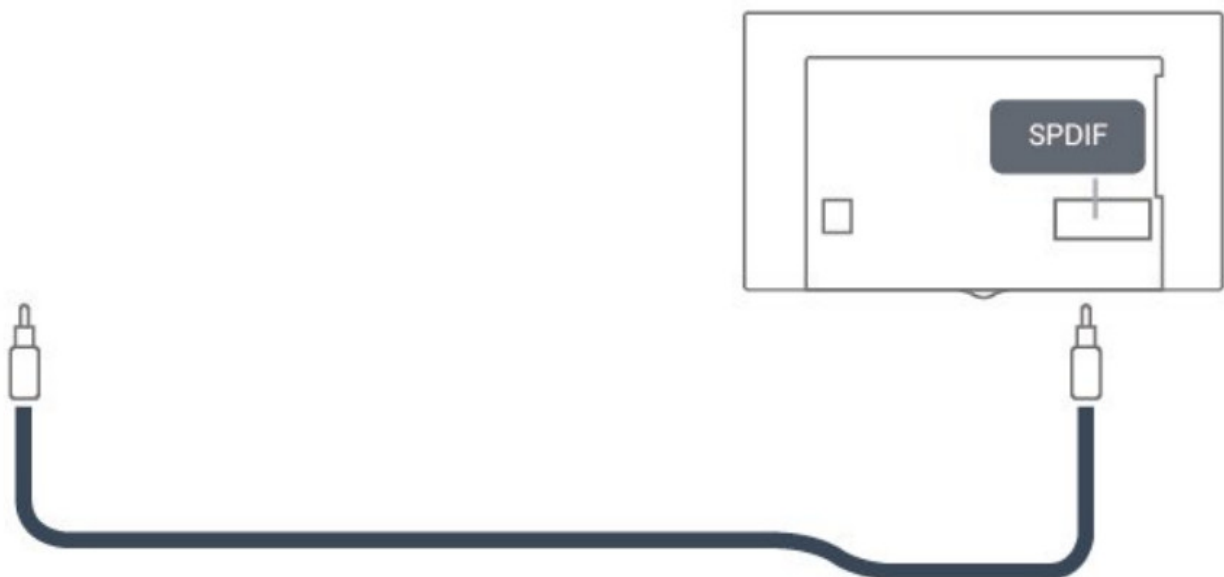
This optical connection can carry 5.1 audio channels. If your device, typically a Home Theater System (HTS), has no HDMI ARC connection, you can use this connection with the SPDIF connection on the HTS. The SPDIF connection sends the sound from the TV to the HTS.

You can set the type of the audio out signal to fit the audio capabilities of your Home Theater System.

For more information, in Help, press the color key ■ Keywords and look up Audio out settings.

If the sound does not match the video on screen, you can adjust the audio to video synchronization.

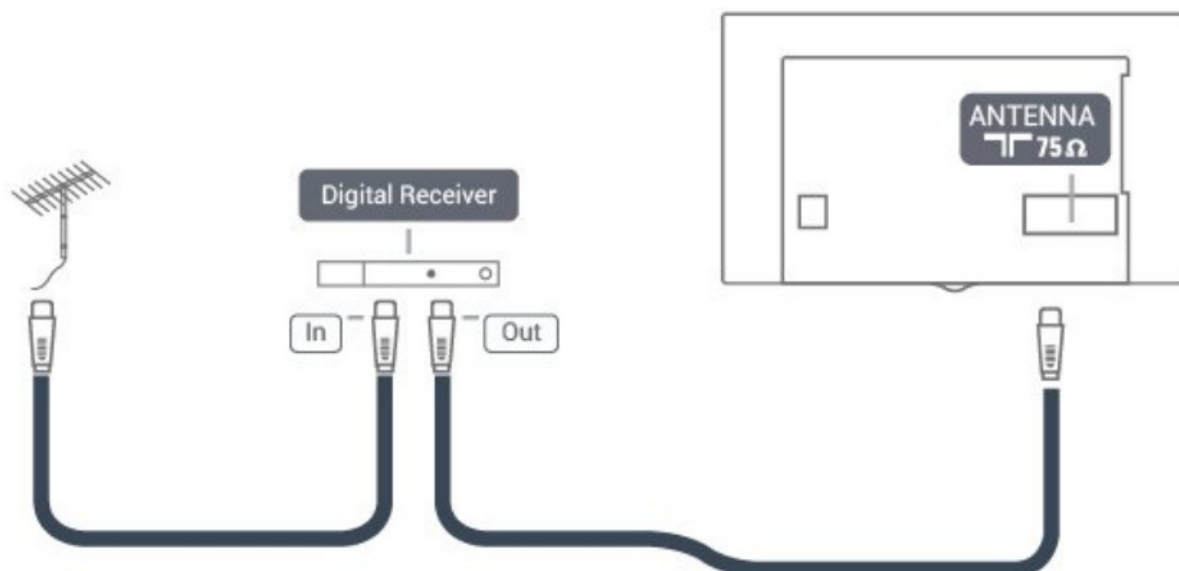
For more information, in Help, press the color key ■ Keywords and look up Audio to video sync.



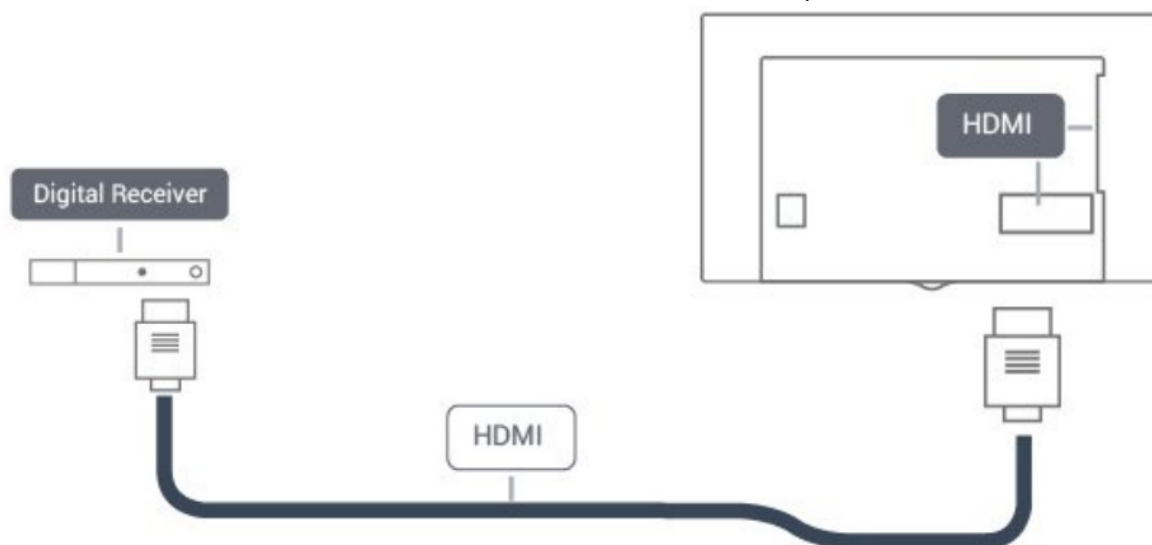
5.2 Receiver – Set-Top Box

Cable box

Use 2 antenna cables to connect the antenna to the Set-top box (a digital receiver) and the TV.



Next to the antenna connections, add an HDMI cable to connect the Set-top box to the TV.



Switch Off Timer

Switch off this automatic timer if you only use the remote control for the Set-top box. Switching this timer off prevents the TV from switching off automatically after a 4-hour period without a key press on the TV's remote control.

For more information, in Help, press the color key ■ Keywords and look up Switch off timer for more information.

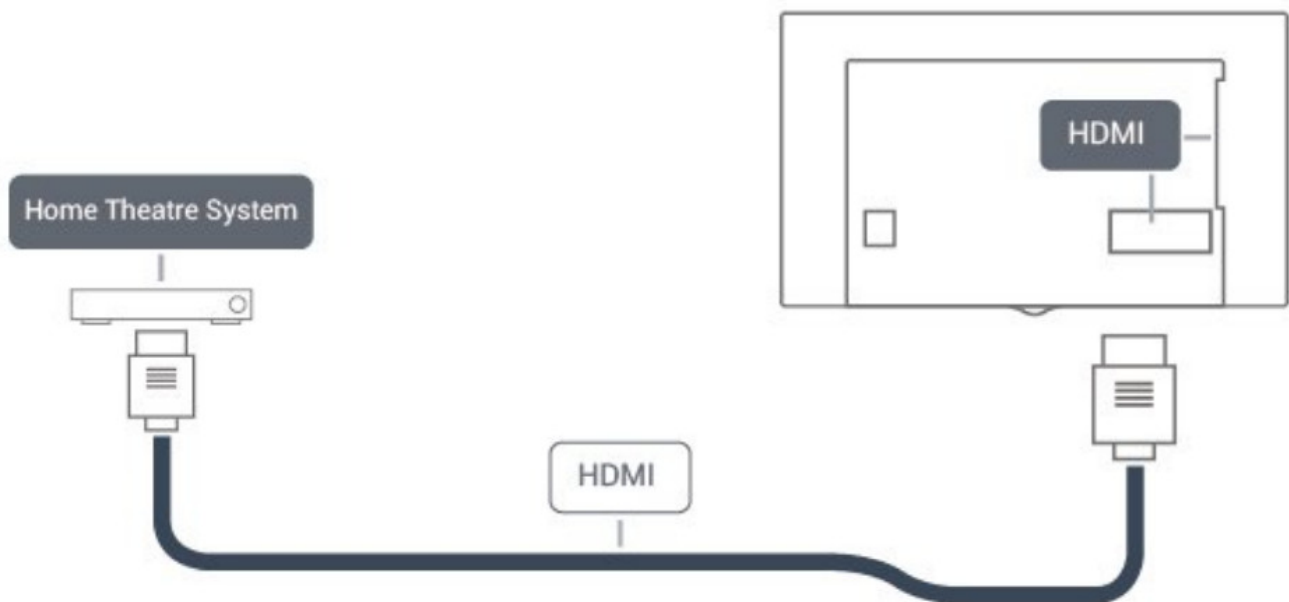
5.3 Home Theater System – HTS

Connect with HDMI ARC

Use an HDMI cable to connect a Home Theater System (HTS) to the TV. You can connect a Soundbar or an HTS with a builtin disc player.

HDMI ARC

If your Home Theater System has an HDMI ARC connection, you can use HDMI 3 on the TV to connect. With HDMI ARC, you do not need to connect the extra audio cable. The HDMI ARC connection combines both signals. HDMI 3 on the TV can offer the Audio Return Channel (ARC) signal, but once you have connected the Home Theater System, the TV can only send the ARC signal to this HDMI connection.



Audio to video synchronization (sync)

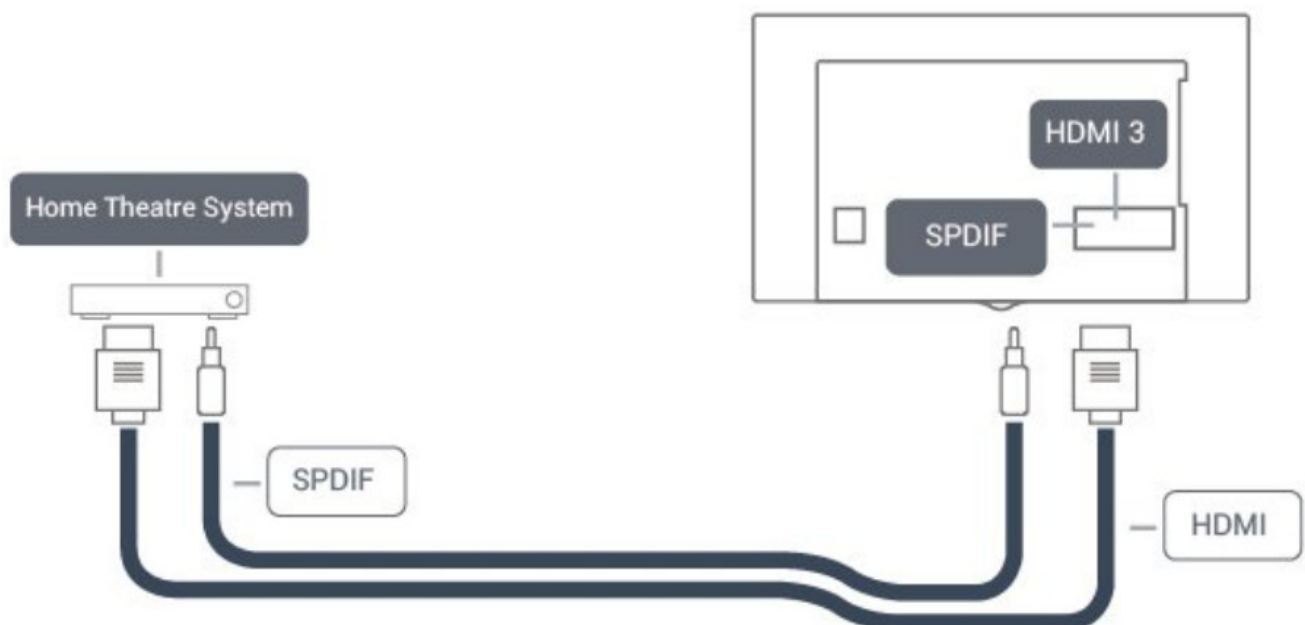
If the sound does not match the video on screen, you can set a delay on most Home Theater Systems with a disc player to match the sound with the video.

For more information, in Help, press the color key ■ Keywords and look up Audio to video sync.

Connect with HDMI

Use an HDMI cable to connect a Home Theater System (HTS) to the TV. You can connect a Soundbar or an HTS with a builtin disc player.

If the Home Theater System has no HDMI ARC connection, add an SPDIF cable to send the TV sound to the Home Theater System.



Audio to video synchronization (sync)

If the sound does not match the video on screen, you can set a delay on most Home Theater Systems with a disc player to match the sound with the video.

For more information, in Help, press the color key ■ Keywords and look up Audio to video sync.

Audio out settings

Audio out delay

With a Home Theater System (HTS) connected to the TV, the picture on the TV and the sound from the HTS should be synchronized.

Automatic audio to video sync

With recent Home Theater Systems, the audio to video sync is done automatically and is always correct.

Audio sync delay

For some Home Theater Systems you may need to adjust the audio sync delay to synchronize the audio to the video. On the HTS, increase the delay value until there is a match between picture and sound. A delay value of 180ms may be required.

Read the user manual of the HTS. With a delay value set up on the HTS, you need to switch off Audio Out delay on the TV.

To switch off Audio Out Delay...

1. Press the Settings key, select Sound and press > (right) to enter the menu.
2. Select Advanced > Audio out delay and press OK.
3. Select Off.
4. Press < (left) repeatedly if necessary, to close the menu.

Audio out offset

If you cannot set a delay on the Home Theater System, you can set the TV to sync the sound. You can set an offset that compensates for the time necessary for the Home Theater System to process the sound of the TV picture. You can set the value in steps of 5ms. Maximum setting is -60ms.

The Audio out delay setting should be switched on.

To synchronize the sound on the TV...

1. Press the Settings key, select Sound and press >(right) to enter the menu.
2. Select Advanced > Audio out offset and press OK.
3. Use the slider bar to set the sound offset and press OK.
4. Press <(left) repeatedly if necessary, to close the menu.

Audio out format

If you have a Home Theater System (HTS) with multichannel sound processing capabilities such as Dolby Digital or similar, set the Audio Out Format to Multichannel. With Multichannel, the TV can send the compressed multichannel sound signal from a TV channel or connected player to the Home Theater System. If you have a Home Theater System without multichannel sound processing, select Stereo.

To set Audio out format...

1. Press the Settings key, select Sound and press > (right) to enter the menu.
2. Select Advanced > Audio out format and press OK.
3. Select Multichannel, Stereo or Multichannel (bypass), then press OK.
4. Press < (left) repeatedly if necessary, to close the menu.

Audio out leveling

Use the Audio Out Leveling setting to level the volume (loudness) of the TV and the Home Theater System when you switch over from one to another. Volume differences can be caused by differences in sound processing.

To level the difference in volume...

1. Press the Settings key, select Sound and press > (right) to enter the menu.
2. Select Advanced > Audio out leveling and press OK.
3. Select More, Medium, or Less, then press OK.
4. If the volume difference is large, select More. If the volume difference is small, select Less.
5. Press <(left) repeatedly if necessary, to close the menu.

Audio Out Leveling affects both the Audio Out – Optical and HDMI ARC sound signals.

Problems with HTS sound

Sound with loud noise

If you watch a video from a plugged-in USB flash drive or connected computer, the sound from your Home Theater System might be distorted. You can fix this by setting the Audio out format of the TV to Stereo.

Press the Settings key.

Select Sound > Advanced > Audio out format.


No sound

If you cannot hear the sound from the TV on your Home Theater System, check if you connected the HDMI cable to an HDMI3 ARC connection on the Home Theater System.

5.4 Smartphones and tablets

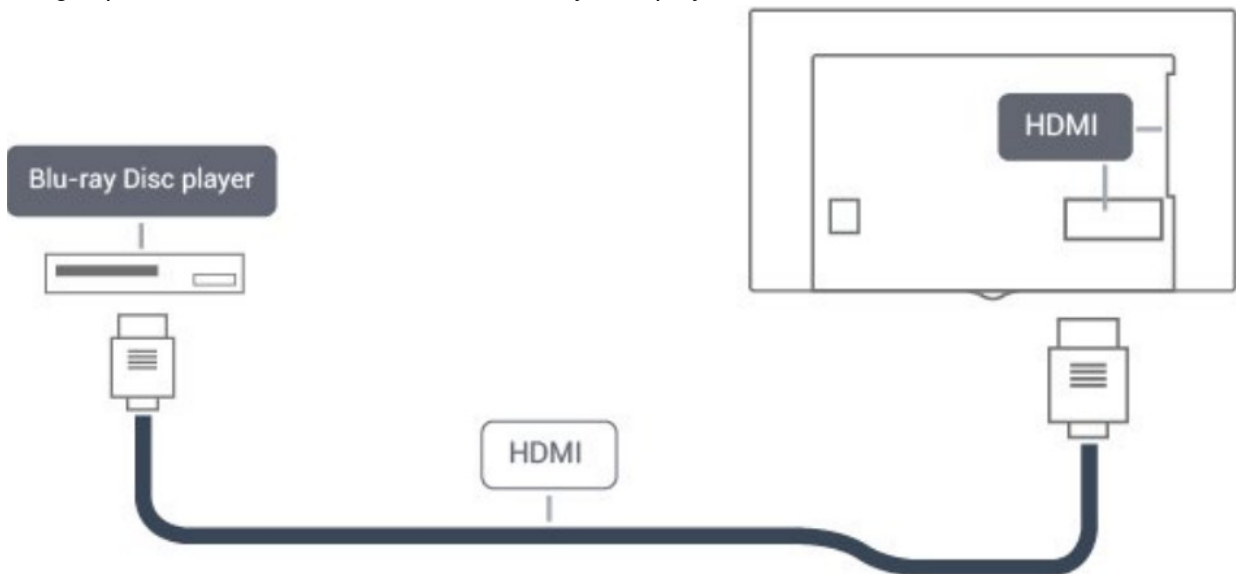
To connect a smartphone or tablet to the TV, you can use a wired connection.

Wired

For a wired connection, use the HDMI 1 MHL connection on the back of the TV. In Help, press the color key  Keywords and look up HDMI MHL for more information.

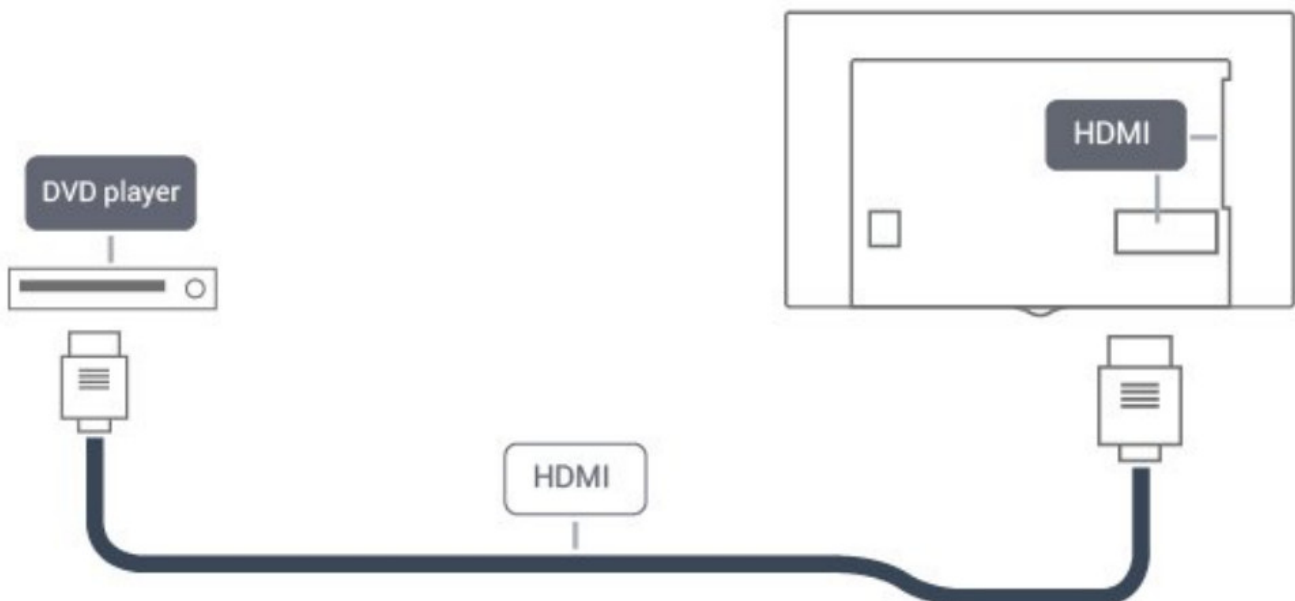
5.5 Blu-ray disc player

Use a High speed HDMI cable to connect the Blu-ray Disc player to the TV.




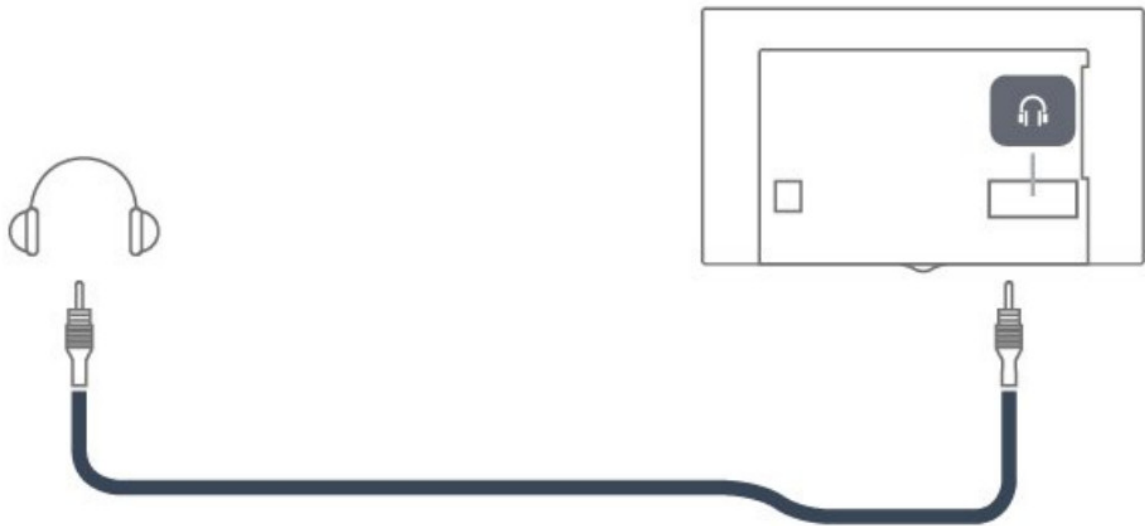
5.6 DVD player

Use an HDMI cable to connect the DVD player to the TV





5.7 Headphones

You can connect a set of headphones to the  connection on the back of the TV. The connection is a mini-jack 3.5mm. You can adjust the volume of the headphones separately.



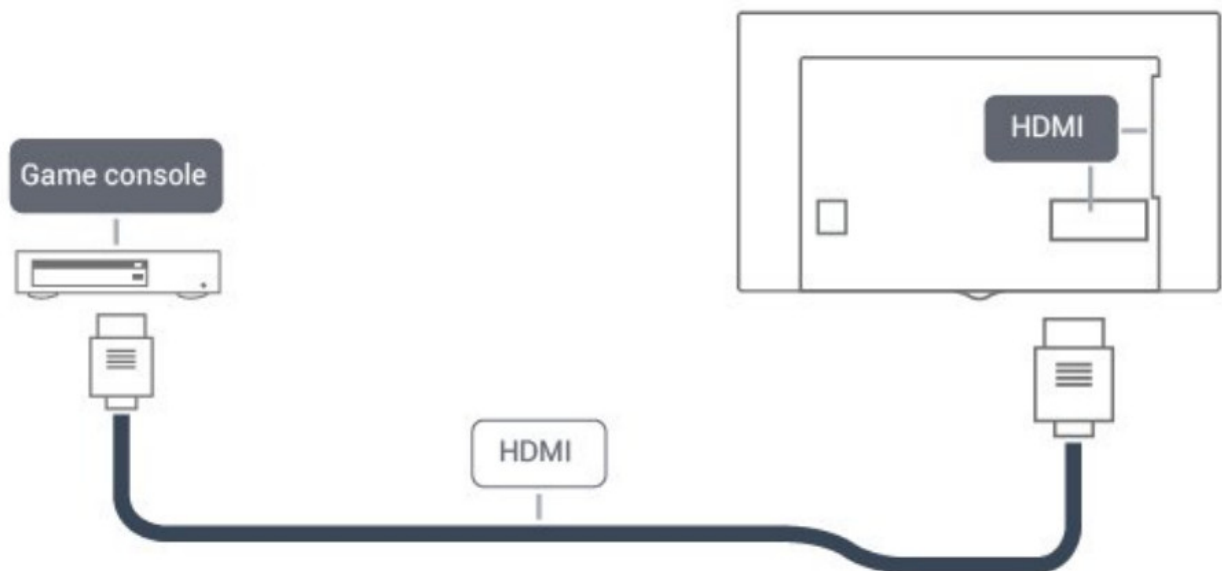
To adjust the volume...

1. Press the Settings key, select Sound > Headphone volume and press OK.
2. Press the arrows  (up) or  (down) to adjust the value.
3. Press < (left) repeatedly if necessary, to close the menu.

5.8 Game console

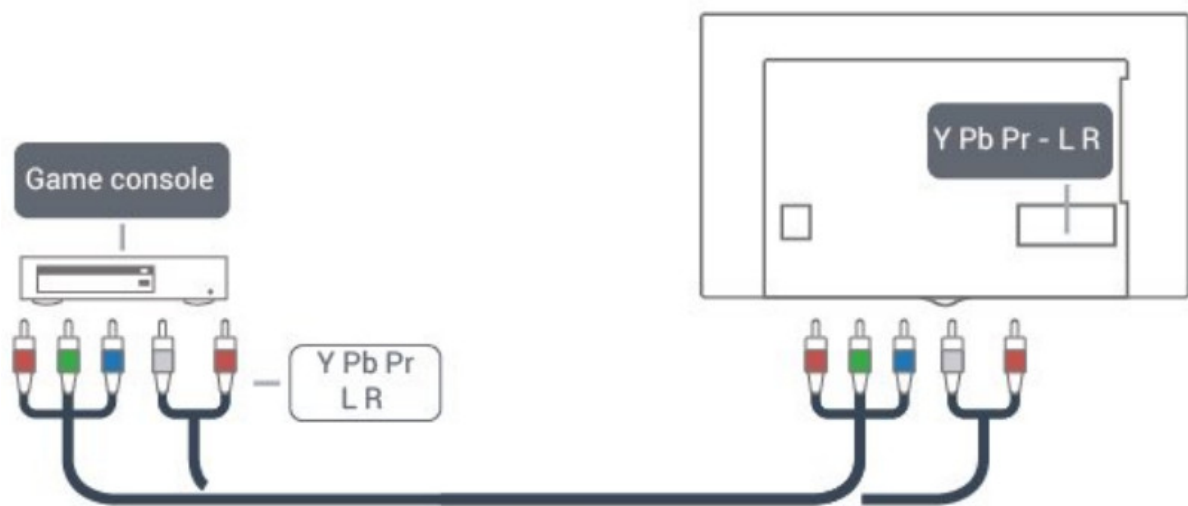
HDMI

For best quality, connect the game console with a high-speed HDMI cable to the TV.



Y Pb Pr – Component

Connect the game console with a component video cable (Y PbPr) and an audio L/R cable to the TV.



CVBS – Audio L R

CVBS – Composite Video is a high quality connection. Next to the CVBS signal, add the Audio Left and Right signals for sound.

- Y shares the same jack with CVBS.
- Component and Composite share audio jacks.

Best settings

Before you start playing a game from a connected game console, we suggest you set the TV to the ideal Game setting.

When you finish playing a game and start watching TV again, remember to switch the Game or Computer setting back to Off.

To set the TV to the ideal setting...

1. Press the Settings key, select Picture and press > (right) to enter the menu.
2. Select Advanced > Game or Computer, and select the device type you want to use. To switch back to TV, select Off.
3. Press <(left) repeatedly if necessary, to close the menu.

5.9 USB hard drive

What you need

If you connect a USB Hard Drive, you can pause or record a TV broadcast. The TV broadcast must be a digital broadcast (DVB broadcast or similar).

To Pause

To pause a broadcast, you need a USB-compatible Hard Drive with a minimum of 4GB of disk space.

To Record

To pause and record a broadcast, you need a minimum of 250GB disk space. If you want to record a broadcast with TV guide data from the Internet, you need to have the Internet connection installed on your TV before you install the USB Hard Drive.

For more information on how to install a USB Hard Drive, in Help, press the color key ■ Keywords and look up USB hard drive, installation.

Installation

Before you can pause or record a broadcast, you must connect and format a USB Hard Drive. Formatting removes all files from the USB Hard Drive.

1. Connect the USB Hard Drive to one of the USB connections on the TV. Do not connect another USB device to the other USB ports when formatting.
2. Switch on the USB Hard Drive and the TV.

3. When the TV is tuned to a digital TV channel, press **||** (Pause). Trying to pause will start the formatting.

Follow the instructions on screen.

When the USB Hard Drive is formatted, leave it connected permanently.

Warning

The USB Hard Drive is formatted exclusively for this TV, you cannot use the stored recordings on another TV or PC. Do not copy or change recording files on the USB Hard Drive with any PC application. This will corrupt your recordings. When you format another USB Hard Drive, the content on the former will be lost. A USB Hard Drive installed on your TV will need reformatting for use with a computer.

Formatting

Before you can pause or record a broadcast, you must connect and format a USB Hard Drive. Formatting removes all files from the USB Hard Drive. If you want to record broadcasts with TV Guide data from the Internet, you must first set up the Internet connection before you install the USB Hard Drive.

Warning

The USB Hard Drive is formatted exclusively for this TV, you cannot use the stored recordings on another TV or PC. Do not copy or change recording files on the USB Hard Drive with any PC application. This will corrupt your recordings. When you format another USB Hard Drive, the content on the former will be lost. A USB Hard Drive installed on your TV will need reformatting for use with a computer.

To format a USB Hard Drive...

1. Connect the USB Hard Drive to one of the USB connections on the TV. Do not connect another USB device to the other USB ports when formatting.
2. Switch on the USB Hard Drive and the TV.
3. When the TV is tuned to a digital TV channel, press **||** (Pause). Trying to pause will start the formatting. Follow the on-screen instructions.
4. The TV will ask if you want to use the USB Hard Drive to store apps. Select Agree if you do.
5. When the USB Hard Drive is formatted, leave it connected permanently.

5.10 USB keyboard

Connect

Connect a USB keyboard (USB-HID type) to enter text on your TV.

Use one of the USB connections to connect.

Configure

To install the USB keyboard, switch on the TV and connect the USB keyboard to one of the USB connections on the TV. When the TV detects the keyboard for the first time, you can select your keyboard lay-out and test your selection. If you select a Cyrillic or Greek keyboard layout first, you can select a secondary Latin keyboard layout. To change the keyboard layout setting when a layout was selected...

1. Press the Settings key, select General settings and press >(right) to enter the menu.
2. Select USB keyboard settings, and press OK to start the keyboard setup.

Special keys

Keys for entering text

- Enter key = OK
- Backspace = delete character before cursor
- rrow keys = navigate within a text field
- To switch between keyboard layouts, if a secondary layout is set, press the Ctrl + Spacebar keys simultaneously.

Keys for apps and Internet pages

- Tab and Shift + Tab = Next and Previous
- Home = scroll to the top of the page
- End = scroll to the bottom of the page
- Page Up = jump one page up
- Page Down = jump one page down
- + = zoom in one step
- – = zoom out one step
- * = fit the web page to the screen width

5.11 USB mouse

Connect USB mouse

You can connect a USB mouse (USB-HID type) to navigate pages on the Internet.

On an Internet page, you can select and click on links more easily.

Connect the mouse

Switch the TV on and connect the USB mouse to one of the USB connections on the TV. You can also connect the USB mouse to a connected USB keyboard.

Mouse clicks

- Left click = OK

You can use the scroll wheel to scroll pages up and down.

Mouse speed

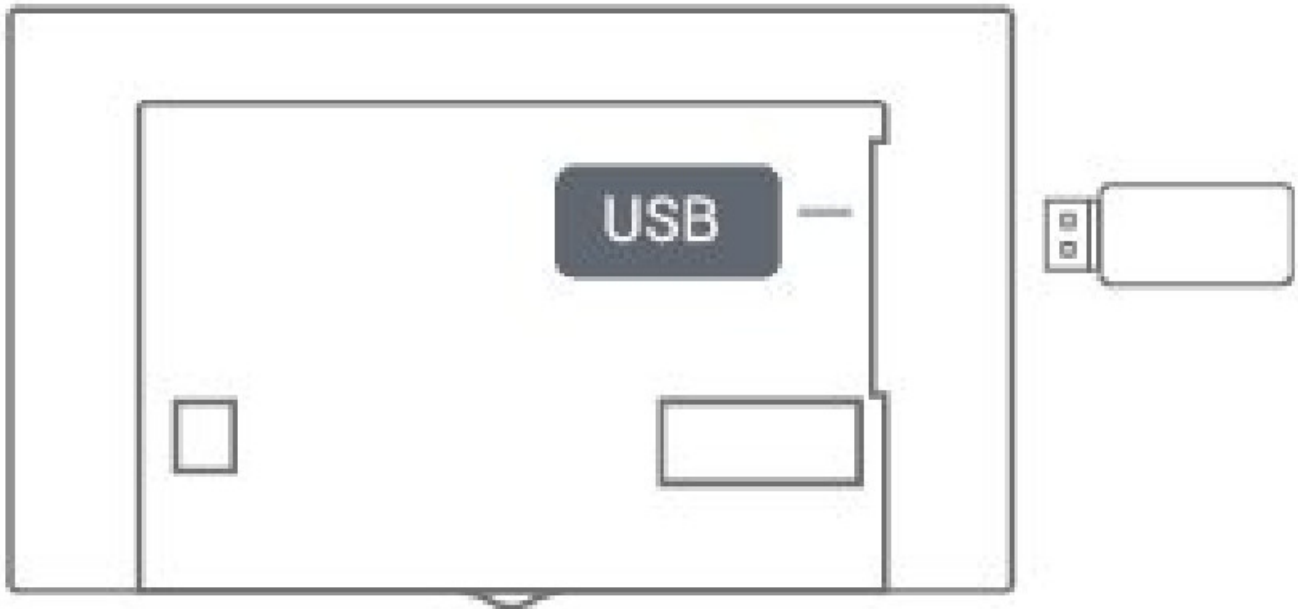
To install the USB keyboard, switch on the TV and connect the USB keyboard to one of the USB connections on the TV. When the TV detects the keyboard for the first time, you can select your keyboard lay-out and test your selection. If you select a Cyrillic or Greek keyboard layout first, you can select a secondary Latin keyboard layout. To change the keyboard layout setting when a layout was selected...

1. Press the Settings key, select General settings and press > (right) to enter the menu.
2. Select Mouse settings, and press OK to start the keyboard setup.

5.12 USB flash drive

You can view photos or play your music and videos from a connected USB flash drive.

Insert a USB flash drive in one of the USB connections on the TV while the TV is switched on.



The TV detects the flash drive and opens a list showing its content.

If the contents list does not appear automatically, press **SOURCES** and select **USB**.

To stop watching the USB flash drive content, press **EXIT** or select another activity.

To disconnect the USB flash drive, you can pull out the flash drive anytime.

For more information on watching or playing content from a USB flash drive, in **Help**, press the color key ■ **Keywords** and look up **Photos**, **movies** and **music**.

5.13 Photo camera

To view photos stored on your digital photo camera, you can connect the camera directly to the TV.

Use one of the USB connections on the TV to connect. Switch on the camera after you have made the connection.

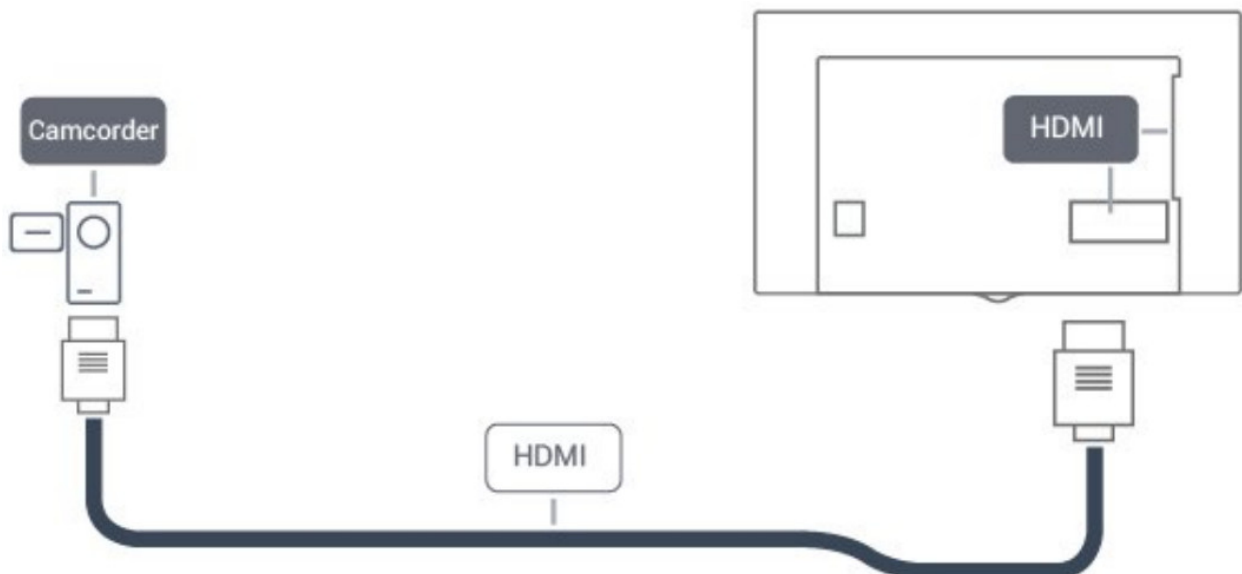
If the contents list does not appear automatically, press **SOURCES**, and select **USB**.

Your camera might need to be set to transfer its content with PTP (Picture Transfer Protocol). Read the user manual of the digital photo camera.

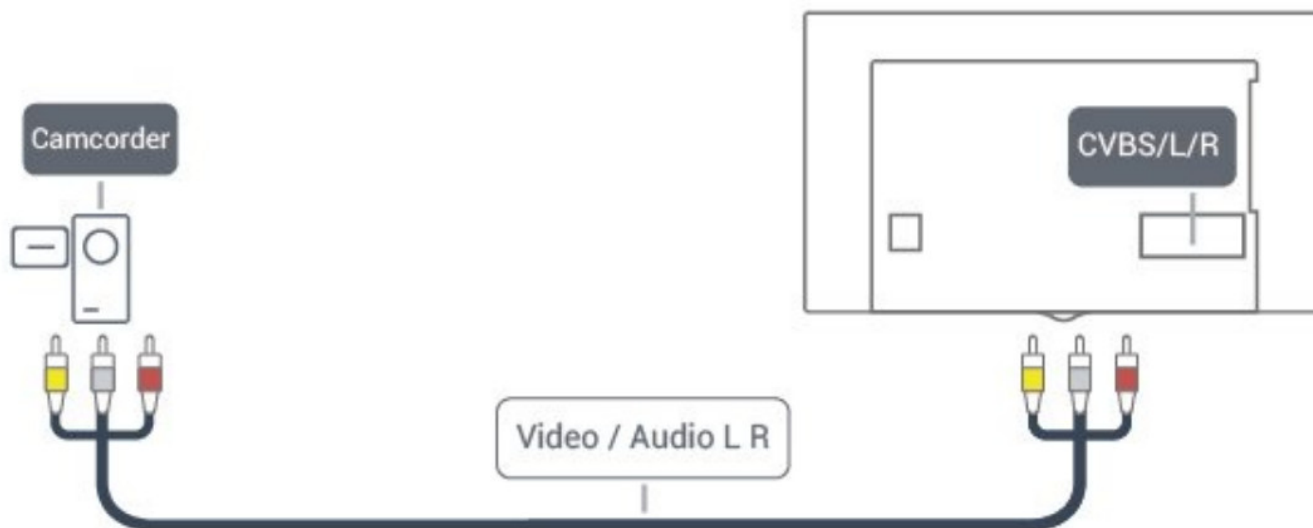
For more information on viewing photos, in **Help**, press the color key ■ **Keywords** and look up **Photos**, **movies** and **music**.

5.14 Camcorder

For best quality, use an HDMI cable to connect the camcorder to the TV



You can use a YPbPr connection to connect the camcorder to the TV



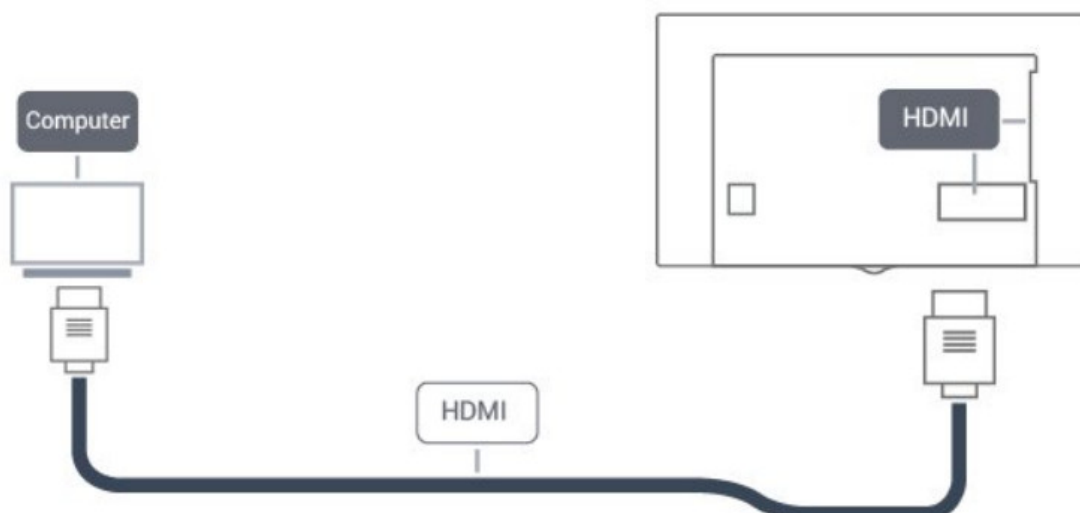
5.15 Computer

Connect

You can connect your computer to the TV and use the TV as a PC monitor.

With HDMI

Use an HDMI cable to connect the computer to the TV



Ideal setting

If you connect a computer, we advise you to give the connection, to which the computer is connected, the correct device type name in the Source menu. If you then switch to Computer in the Source menu, the TV is automatically set to the ideal settings for a computer.

You can manually switch the ideal setting to Off for watching TV or Game for playing a game from a connected game console (remember to switch back to Off when you stop playing a game).

If you switch to a source and change the Game or Computer setting, it will be stored for this selected source.

To set the TV to the ideal setting...

1. Press the Settings key, select Picture and press > (right) to enter the menu.
2. Select Advanced > Game or computer, and press OK.
3. Select Game (for gaming) or select Computer (for watching a movie).
4. Press < (left) repeatedly if necessary, to close the menu.

Remember to set Game or computer setting to Off when you stop playing the game.

Home menu

6.1 About the Home menu

Channels

This row contains all channels.

Sources

This row contains available sources on this TV.

Utilities



This row contains TV functions available to the user.

Quick settings

This row contains settings available to the user.

6.2 Open the Home menu

To open the Home menu and open an item...

1. Press  Home.
2. Select an item and press OK to open or start it.
3. Press  BACK to close the Home menu without starting anything.

Network

7.1 Network and Internet

Home network

To enjoy the full capabilities of your TV, your TV must be connected to the Internet.

Connect the TV to a home network with a high-speed Internet connection. You can connect your TV wirelessly or wired to your network router.

Connect to network

Wireless connection

What you need

To connect the TV to the Internet wirelessly, you need a Wi-Fi router with a connection to the Internet. Use a high-speed (broadband) Internet connection



Make the connection

To make a wireless connection...

Step 1 – Make sure that your wireless network router is switched on.

Step 2 – Press the Settings key, select Network and press > (right) to enter the menu.

Step 3 – Select Connect to network > Start now and press OK.

Step 4 – Select Connect and press OK.

Step 5 – Select Wireless and press OK.

Step 6 – Select Scan to scan for your wireless network. If you have a router with WPS (Wi-Fi Protected Setup), you can select WPS. Select your choice and press OK.

- Scan

Select Scan to scan for your wireless network (your wireless proximity).

- WPS

If your router has WPS, you can directly connect to the router without scanning. Go to the router, press the

WPS button and return to the TV within 2 minutes. Then press Connect to make the connection.

If you have devices in your wireless network that use the WEP security encryption system, you cannot use WPS. If you must use the WPS PIN code to connect, select Scan instead of WPS.

Step 7 – From the list of networks found, select your wireless network and press OK.

If your network is not in the list because the network name is hidden (you turned off the SSID broadcast of the router), select Manual entry to enter the network name yourself.

Step 8 – Depending on the type of router, you can now enter your encryption key (WEP, WPA or WPA2). If you have entered the encryption key for this network before, you can select Next to make the connection immediately.

If your router supports WPS or WPS PIN, you select WPS, WPS PIN or Standard. Select your choice and press OK.

- **Standard**

Select Standard to enter the encryption key (password, passphrase, or security key) manually. You can use the keyboard on the remote control to enter the encryption key. Once you have entered the key, press Connect.

- **WPS PIN**

To make a secured WPS connection with a PIN code, select WPS PIN and press OK. Write down the 8-digit PIN code shown and enter it in the router software on your PC. Return to the TV and press Connect. Consult the router manual on where to enter the PIN code in the router software.

Step 9 – A message will be shown when the connection is successful.

Problems

Wireless network not found or distorted

- Microwave ovens, DECT phones or other Wi-Fi 802.11b/g/n devices in your proximity might disturb the wireless network.
- Make sure that the firewalls in your network allow access to the TV's wireless connection.
- If the wireless network does not work properly in your home, try the wired network installation.

Internet does not work

- If the connection to the router is OK, check the router connection to the Internet.

The PC and Internet connection are slow

- Look in your wireless router's user manual for information on indoor range, transfer rate and other factors of signal quality.
- Use a high-speed (broadband) Internet connection for your router.

DHCP

- If the connection fails, you can check the DHCP (Dynamic Host Configuration Protocol) setting of the router. DHCP should be switched on.

Wired connection

What you need

To connect the TV to the Internet, you need a network router with an internet connection.
Use a high-speed (broadband) Internet connection.
Make the connection
To make a wired connection...

1. Connect the router to the TV with a network cable (Ethernet cable**).
2. Make sure that the router is turned on.
3. Press the Settings key, select Network and press > (right) to enter the menu.
4. Select Connect to network and press OK.
5. Select Wired and press OK. The TV constantly searches for the network connection.
6. A message will be shown when the connection is successful.

If the connection fails, you can check the DHCP setting of the router. DHCP should be switched on.

**To fulfill EMC regulations, use a shielded FTP Cat. 5E Ethernet cable.

Network settings

View network settings

You can view all current network settings here. The IP and MAC address, signal strength, speed, encryption method, etc.

To view the current network settings...

1. Press the Settings key, select Network and press > (right) to enter the menu.
2. Select View network settings and press OK.
3. Select Next to view the current network settings, or select Close to close the menu.

Network configuration

If you are an advanced user and want to install your network with Static IP addressing, set the TV to Static IP.
To set the TV to Static IP...

1. Press the Settings key, select Network and press > (right) to enter the menu.
2. Select Network configuration and press OK.
3. Select Static IP and press OK to enable Static IP configuration.
4. Select Static IP configuration and configure the connection.
5. You can set the number for IP address, Netmask, Gateway, DNS 1, or DNS 2.
6. Press <(left) repeatedly if necessary, to close the menu.

Switch On with Wi-Fi (WoWLAN)

You can switch this TV on from your smartphone or tablet if the TV is on Standby. The setting Switch On with Wi-Fi (WoWLAN) must be switched on.

To switch on WoWLAN...

1. Press the Settings key, select Network and press > (right) to enter the menu.
2. Select Switch on with Wi-Fi (WoWLAN) and press OK.
3. Select On and press OK.
4. Press < (left) repeatedly if necessary, to close the menu.

Digital Media Renderer – DMR

If your media files do not play on your TV, make sure that the Digital Media Renderer is turned on. As a factory setting, DMR is turned on.

To switch on DMR...

1. Press the Settings key, select Network and press > (right) to enter the menu.
2. Select Digital Media Renderer – DMR and press OK.
3. Select On and press OK.
4. Press < (left) repeatedly if necessary, to close the menu. Switch on Wi-Fi connection

You can switch the Wi-Fi connection on your TV on or off.
To switch on Wi-Fi...

1. Press the Settings key, select Network and press> (right) to enter the menu.
2. Select Wi-Fi On/Off and press OK.
3. Select On and press OK.
4. Press <(left) repeatedly if necessary, to close the menu.

TV network name

If you have more than one TV in your home network, you can give the TV a unique name.
To change the TV name...

1. Press the Settings key, select Network and press>(right) to enter the menu.
2. Select TV network name and press OK.
3. Enter the name with the on-screen keyboard.
4. Select Done to confirm the change.
5. Press< (left) repeatedly if necessary, to close the menu.

Netflix settings

With Netflix settings, you can view the ESN number or deactivate a Netflix device.
To enter Netflix settings...

1. Press the Settings key, select Network and press> (right) to enter the menu.
2. Select Netflix settings and press OK.
3. Press< (left) repeatedly if necessary, to close the menu.

Clear Internet memory

With Clear Internet Memory, you can clear all Internet files and logins stored on your TV, such as passwords, cookies, and history.
To clear the Internet memory...

1. Press the Settings key, select Network and press > (right) to enter the menu.
2. Select Clear Internet memory and press OK.
3. Select OK to confirm.
4. Press < (left) repeatedly if necessary, to close the menu.

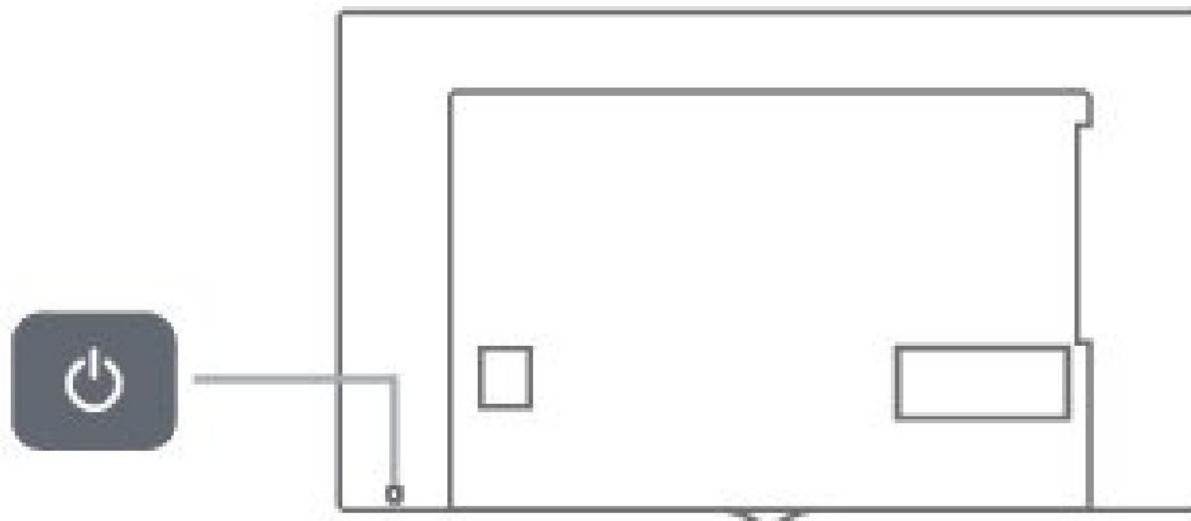
File sharing


The TV can connect to other devices in your wireless network, like your computer or smartphone. You can use a computer with Microsoft Windows or Apple OS X.
On this TV, you can open photos, movies and music stored on your computer.

Switching On and Off


8.1 On or standby

Before you switch on the TV, make sure you plugged the wall power into the POWER connector on the back of the TV.



With the TV in Standby, press  on the remote control to switch the TV on. You can also press the small joystick key on the back of the TV to switch the TV on in case you can't find the remote control or its batteries are empty.

Switch to standby




To switch the TV to standby, press  on the remote control. You can also press the small joystick key on the back of the TV. In standby mode, the TV is still connected to the wall power but consumes very little energy.

To switch off the TV completely, disconnect the power plug. When disconnecting the power plug, always pull the power plug, never the cord. Ensure that you have full access to the power plug, power cord and outlet socket at all times.

8.2 Keys on TV

If you lost the remote control or its batteries are empty, you can still do some basic TV operations.

To open the basic menu...


1. With the TV switched on, press the joystick key on the back of the TV to bring up the basic menu.
2. Press left or right to select  Volume,  Channel or  Sources.
3. Press up or down to adjust the volume or tune to the next or previous channel. Press up or down to go through the list of sources, including the tuner selection. Press the joystick key to start the demo movie.
4. The menu will disappear automatically.

To switch the TV on standby, select  and press the joystick key.

8.3 Sleep timer

With the Sleep Timer, you can set the TV to switch to Standby automatically after a preset time.

To set the Sleep Timer...

1. Press the Settings key, select General settings > Sleep timer and press OK.
2. With the slider bar you can set the time up to 180 minutes in 5-minute increments. If set to 0 minutes, the Sleep Timer is switched off. You can always switch off your TV earlier or reset the time during the countdown.
3. Press  BACK to close the menu.

8.4 Switch off timer


If the TV receives a TV signal, but you don't press a key on the remote control during a 4 hour period, the TV

switches off automatically to save energy. Also, if the TV does not receive a TV signal or a remote control command for 10 minutes, the TV switches off automatically.

If you use the TV as a monitor or use a digital receiver to watch TV (a Set-Top Box – STB) and you do not use the remote control of the TV, you should deactivate this automatic switch off.

To deactivate the Switch Off Timer ...

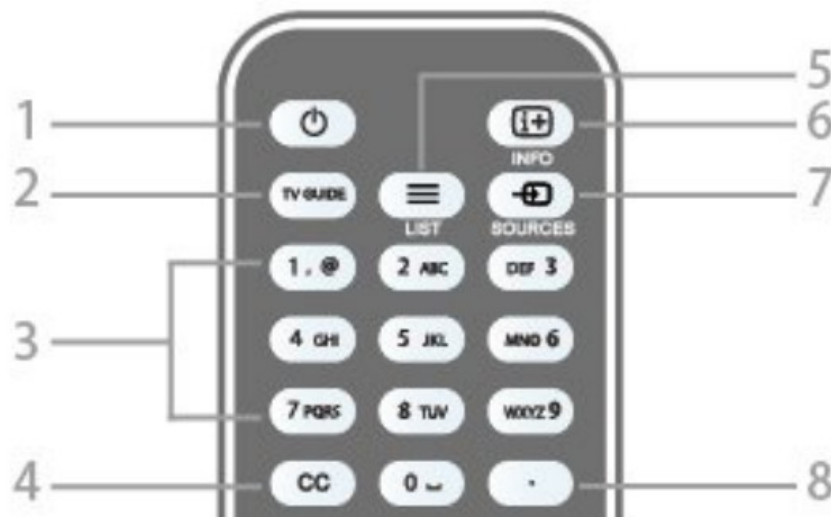
1. Press the Settings key, select Eco settings and press >(right) to enter the menu.
2. Select Switch off timer and press OK.
3. Press the arrows ▲ (up) or ▼ (down) to adjust the value. The value 0 deactivates the automatic switch off.
4. Press ⬅ (left) repeatedly if necessary, to close the menu.



For more information on environmentally friendly TV settings, in Help, press the color key  Keywords and look up Eco settings.

Remote control

9.1 Key overview

Top

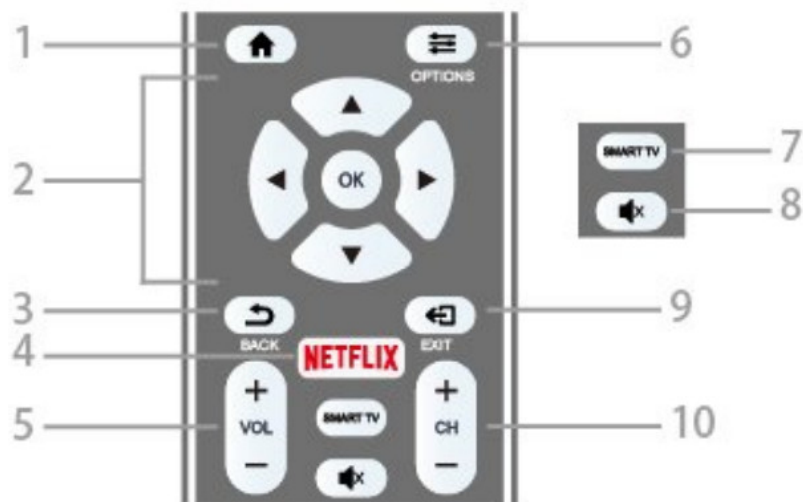


1.  **Standby / On**
To switch the TV On or back to Standby.
2. **TV GUIDE**
To open or close the TV guide.
3. **Number keys**
To select a TV channel directly.
4. **CC**
To switch subtitles on, off, or on during mute.
5.  **LIST**
To open or close the channel list.
6. **INFO**
To open or close program info.
7. **SOURCES**
To open or close the Sources menu – the list of connected devices.

8. (Dot)

To enter digital sub-channels.

Middle



1. HOME

To open or close the home menu.

2. Arrow / navigation / OK keys

To navigate up, down, left or right. To confirm a selection or setting.

3. BACK

To switch back to the previous channel you selected.

To close a menu without changing a setting.

To go back to the previous Smart TV page.

4. NETFLIX

To open NETFLIX.

5. Volume

To adjust the volume level.

6. OPTIONS

To open or close the Options menu.

7. SMART TV

To open the Smart TV start page.

8. Mute

To mute the sound or to restore it.

9. EXIT

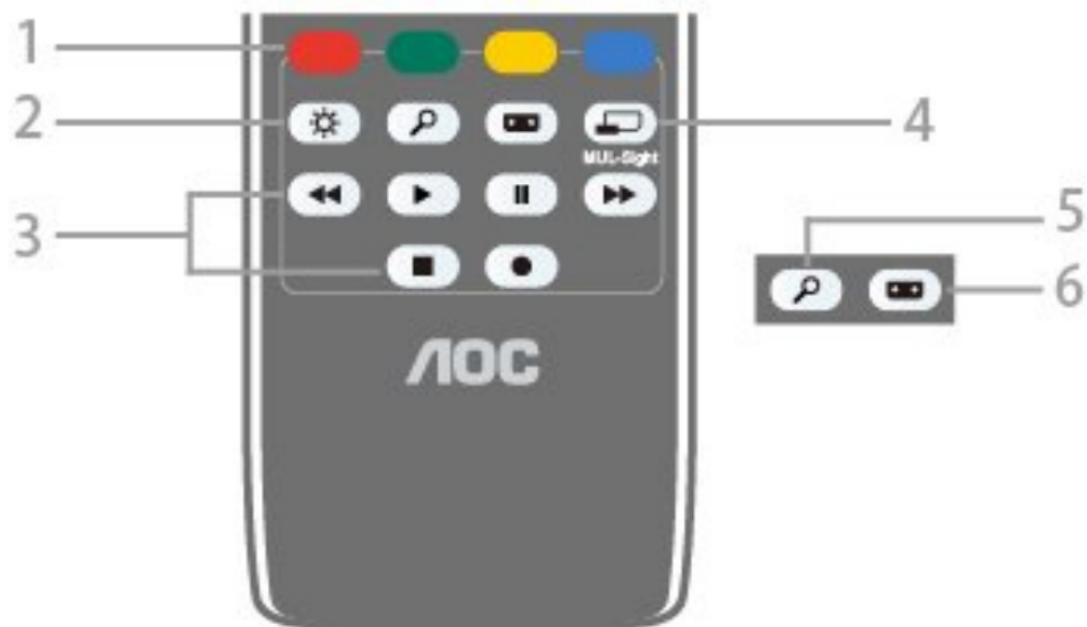
To switch back to watching TV.

10. Channel

To switch to the next or previous channel in the channel list.

To open the next or previous page in Text or start the next or previous chapter on a disk.

Bottom



1. Color keys

Follow the on-screen instructions.

2. Settings key

To open the Settings menu.

3. Playback and record keys

- Play ►, to playback.
- Pause ||, to pause playback
- Stop ■, to stop playback
- Rewind ◀◀, to rewind
- Forward ▶▶, to fast forward
- Record ●, to record now

4. MULTI-Sight To open an extra small screen.

5. SEARCH

To open the Popular searches page.

6. Picture format

To open or close the Picture format menu.

9.2 IR sensor

The TV can receive commands from a remote control that uses infrared (IR) to send commands. If you use this kind of remote control, always point it at the infrared sensor on the front of the TV.



Warning

Do not put any objects in front of IR sensor of the TV as it may block the IR signal.

9.3 Batteries


If the TV does not react on a key press on the remote control, the batteries might be empty.

To replace the batteries, open the battery compartment on the back of the remote control.

1. Slide the battery door in the direction shown by the arrow.

2. Replace the old batteries with 2 AAA batteries. Make sure the + and – terminals line up correctly.

3. Reposition the battery door and slide it back until it clicks.

Remove the batteries if you are not using the remote control for a long time.
Safely dispose of your old batteries according to the end of use directions.
For more information, in Help, press the color key  Keywords and look up End of use.

9.4 Cleaning

Your remote control is treated with a scratch-resistant coating.




To clean the remote control, use a soft damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the remote control.


Channels

10.1 Install Channels

For more information, in Help, press the color key  Keywords and look up Channel, Antenna installation or Channel, Cable installation.

10.2 Switch channels

- To watch TV channels, press  LIST. The TV tunes to the TV channel you last watched.
- Alternatively, press  Home to open the Home menu and select Channels and press OK.
- To switch channels, press CH + or CH -. If you know the channel number, enter it using the number keys. Press OK after entering the number to switch channels.
- To switch back to the previous channel, press  BACK. To switch to a channel from a channel list

While watching a TV channel, press  LIST to open the channel lists.

The channel list can have several pages with channels. To view the next or previous page, press CH + or CH - .

To close the channel lists without switching channels, press  LIST again.

10.3 Channel lists




About channel lists

After a channel installation, all channels appear the channel list. Channels are shown with their name and logo if this information is available.

With a channel list selected, you can only tune to the channels in that list by pressing the CH + or CH - keys.



Open a channel list


To open the current channel list...

1. Press  LIST to open the current channel list and select All, then press OK.
2. Press  OPTIONS and select Digital + Analog and press > (right) to enter the menu.
3. Select a channel in any of the lists and press OK. The TV will tune to the selected channel.
4. Press < (left) to go back one step or press  BACK to close the menu.

Filter a channel list

To set a filter on a list with all channels...




1. Press  LIST to open the current channel list and select All, then press OK.
2. Press  OPTIONS and select Digital + Analog and press >(right) to enter the menu.
3. Select the filter you want and press OK to activate it. The name of the filter appears as part of the channel list name on top of the channel list.

4. Press < (left) to go back one step or press  BACK to close the menu.

Search for a channel

You can search for a channel to find it in a long list of channels.

To search for a channel...

1. Press  LIST to open the current channel list and select All.
2. Press  OPTIONS.
3. Select Digital + Analog and press OK.
4. Select the list you want to filter and press OK.
5. Press the color key  (green) to open Find Channel and press OK to open a text field.
6. Enter a number, a name, or part of a name, select Done and press OK. The TV will search for matching channel names in the list you selected.

Search results are listed as a channel list – see the list name at the top. The search results disappear once you select another channel list or close the list with search results.

10.4 Watching channels


Tune to a channel

To start watching TV channels, press  LIST. The TV tunes to the channel you last watched.

Switch Channels

To switch channels, press CH + or CH -. If you know the channel number, type in the number with the number keys. Press OK after you entered the number to switch immediately.

Previous channel





To switch back to the previously tuned channel, press  BACK.

Lock a channel


Lock and unlock a channel


Channels may be locked to prevent children from watching a specific channel. To watch a locked channel, you must enter the 4-digit Child lock PIN code first. You cannot lock programs from connected devices.

To lock a channel...

1. Press  LIST to open the current channel list and select All.
2. Change the channel list, if necessary.
3. Select the channel you want to lock.
4. Press  OPTIONS and select Channel lock and press OK.
5. Enter your 4-digit PIN code if the TV asks for it. A locked channel is marked with a  (lock).
6. Press < (left) to go back one step or press  BACK to close the menu.

To unlock a channel...

1. Press < LIST to open the current channel list and select All.
2. Press OK to open the channel list. If necessary, change the channel list.
3. Select the channel you want to unlock.
4. Press  OPTIONS and select Unlock channel and press OK.
5. Enter your 4-digit PIN code if the TV asks for it.

6. Press < (left) to go back one step or press  BACK to close the menu.

If you lock or unlock channels in a channel list, you only have to enter the PIN code just once until you close the channel list.

For more information, in Help, press the color key  Keywords and look up Child lock for more information.

Age Ratings

To prevent children from watching a program not suitable for their age, you can set an age rating.

Digital channels may have age-rated programs. When the age rating of a program is equal to or higher than the age rating you set for your child, the program will be locked. To watch a locked program, you must enter the Age ratings lock code first.

To set an age rating...

1. Press the Settings key, select Child lock > Age ratings lock and press OK.
2. Enter a 4-digit Child lock code. If you have not yet set a code, select Change code in Child lock. Enter a 4-digit Child lock code and confirm. You can now set an age rating.
3. Back in Age ratings lock, select the age and press OK.
4. Press<(left) repeatedly if necessary, to close the menu.

To switch off the parental age rating, select Free. However, in some countries you must set an age rating.

For some broadcasters/operators, the TV only locks programs with a higher rating. The parental age rating is set for all channels.



Channel options

Open options


While watching a channel, you can set some options.

Depending on the type of channel you are watching (analog or digital) or depending on your TV settings, some options are available.

To open the options menu...

1. While watching a channel, press  OPTIONS.
2. Press  OPTIONS again to close.

Closed captions

Turn Closed captions on or Closed captions off with this options. Select On during mute to show closed captions only when the sound is muted with .

Caption service

Select the correct type of closed-caption services.

For more information, in Help, press  Keywords and look up Closed captions.

Audio language


For digital broadcast, you can select an available audio language temporarily if none of your preferred languages are available.

For more information, in Help, press  Keywords and look up Audio language.

Status

Select Status to view technical information on the channel (if it is analog or digital) or a connected device you are watching.

To view the technical information for a channel...

1. Tune to the channel.
2. Press  OPTIONS, select Status and press OK.
3. To close this screen, press OK.



Share

Enables the user to communicate their activity on their social networks (such as Twitter or email).

Mono / Stereo

You can switch the sound of an analog channel to Mono or Stereo.

To switch to Mono or Stereo...

1. Tune to an analog channel.
2. Press  OPTIONS, select Mono/Stereo and press > (right).
3. Select Mono or Stereo and press OK.
4. Press <(left) to go back one step or press  BACK to close the menu.

10.5 Favorite Channels

About favorite Channels





In a favorite channel list, you can collect the channels you like.



With a Favorites List selected, you can only tune to the channels in that list by pressing the CH + or CH – keys.

Create a Favorites List

You can create a favorite channel list that only holds the channels you want to watch. With the Favorite channel list selected, you will only see your favorite channels when you switch through channels.

Create your favorite channel list




1. Press  LIST to open the current channel list and select All
2. Select the channel and press  Mark as favorite.
3. The selected channel is marked with a .
4. To finish, press  BACK. The channels are added to the Favorites list.

To remove a channel from the favorites list, select the channel with , then press  again to unmark as favorite.

Rename a Favorites List

You can only rename a Favorites List.




To rename a Favorites List...

1. Press  LIST to open the current channel list and select Favorites.
2. Open the Favorite List you want to rename and press  Rename.
3. Delete the current name and enter a new name.
4. When done, select Done and press OK.
5. Press  BACK to close the channel list.

Remove a Favorites List

You can only remove a Favorites List.

To remove a Favorites List...

1. Press  LIST to open the current channel list and select Favorites.
2. Open the Favorites List you want to remove.
3. Press  Remove to remove the list.
4. Press  BACK to close the channel list.

10.6 Closed captioning (CC) and language

Closed captions


You can display closed captions at all times or only when the TV is muted.

To open Closed captions, press CC.


Note:

- Digital TV interactive applications are not accessible when closed caption text is switched on.
- Not all TV programs, commercials and features include closed captioning information. See your local TV program listings for channels with closed captions. Captioned programs are typically listed with service marks, such as 'CC,' in the TV listings.

Switch on closed captions


1. While you watch TV, press  OPTIONS.
2. Select Closed captions > On and press OK.

Select type of closed captions

1. While you watch TV, press  OPTIONS.
2. Select Caption service.
3. Select the correct type of closed captions and press OK.

Audio Language

If the TV channel broadcasts multiple or dual audio languages, you can select your preferred audio language.

1. While you watch TV, press  OPTIONS.
2. For digital channels, select Audio Language. For analog channels, select Alternate Audio. Press OK to confirm your selection.
3. Select from the available languages, then press OK.

Note:

If you have selected Alternate Audio for analog channels, select between:

- Main: Primary audio language or
- SAP: Secondary audio language

Menu language

To change the language of the TV menus and messages...

1. Press the Settings key, select General settings > Language > Menu language and press OK.
2. Select your desired language and press OK.
3. Press < (left) repeatedly if necessary, to close the menu.

TV guide

11.1 What you need

With the TV Guide you can view a list of the current and scheduled TV programs of your channels. Depending on where the TV guide information (data) is coming from, analog and digital channels or only digital channels are

shown. Not all channels offer TV Guide information.

The TV can collect TV Guide information for the channels that are installed on the TV. The TV cannot collect the TV Guide information for channels viewed from a digital receiver or decoder.

11.2 TV guide data

TV Guide information may not be available in some regions and for some channels. The TV can collect TV Guide information for the channels that are installed on the TV. The TV cannot collect the TV Guide information from channels viewed from a digital receiver or decoder.

The TV comes with the information set to From the broadcaster.

11.3 Using the TV guide

Open the TV guide

To open the TV Guide, press TV GUIDE. The TV Guide shows the channels of the selected tuner.

Press TV GUIDE again to close.

The first time you open the TV Guide, the TV scans all TV channels for program information. This may take several minutes.

TV Guide data is stored on the TV.

Tune to a program

From the TV Guide, you can tune to a current program.

To switch to the program (channel), select the program and press OK.

View program details

To call up the details of the selected program...

1. Press INFO.
2. Press  BACK to close.

Change day

The TV guide can show scheduled programs for the upcoming days (maximum up to 8 days). If the TV guide information comes from the broadcaster, you can press CH to view the schedule for one of the next days.

Press CH + to go back to the previous day.

Alternatively, you can press  OPTIONS and select Change day.



Select Previous day, Today, or Next day and press OK to select the day of the schedule.

The TV guide can show scheduled programs for the upcoming days (maximum up to 8 days).

If the TV guide information comes from the broadcaster, you can press CH + to view the schedule for one of the next days.




Press CH + to go back to the previous day.

To change the day...

1. Press TV GUIDE.
2. Press  OPTIONS.
3. Select Change day, select Previous day, Today or Next day and press OK.
4. Press  BACK to close the menu.

Set a reminder



You can set reminders that alert you of the start of a program with a message on screen.

- To set a reminder, select the program in the schedule and press  for Set reminder. The program is marked with a clock.
- To cancel the reminder, press the  for Clear reminder.
- To view a list of all reminders you have set, press  OPTIONS, and select All reminders.

Search by genre



If the information is available, you can look up scheduled programs by genre like movies, sports, etc.

To search for programs by genre...



1. Press TV GUIDE.
2. Press  OPTIONS.
3. Select Search by genre and press OK.
4. Select the genre you want and press OK. A list with the found programs appears.
5. You can set reminders or schedule a recording on a selected program.
6. Press  BACK to close the menu.

Set a recording



You can set a recording in the TV Guide*.

To see the recording list, press  Recordings, a program set to be recorded is marked with a  (red dot) before the program's name.

To record a program...

1. Press TV GUIDE and select a future or ongoing program.
2. Press the color key  Record.
3. Press  BACK to close the menu.

To cancel a recording...

1. Press TV GUIDE and select the program set for recording.
2. Press the color key  Clear Recording.
3. Press  BACK to close the menu.

Recording and Pause TV

12.1 Recording


What you need

You can record a digital TV broadcast and watch it later. To record a TV program you need...

- a connected USB Hard Drive formatted on this TV
- digital TV channels installed on this TV
- to receive channel information for the on-screen TV Guide
- a reliable TV clock setting. If you reset the TV clock manually, recordings may fail.


You cannot record when you are using Pause TV.

Some digital TV operators do not allow the recording of channels.

For more information on installing a USB Hard Drive, in Help, press the color key  Keywords and look up USB hard drive, installation.


Record a program

Record now

To record the program you are watching, press  (Record) on the remote control.

If you receive TV guide information from the Internet, you can adjust the end time of the recording in the pop-up window before you confirm the recording.

If you receive TV guide information from the broadcaster, the recording starts immediately. You can adjust the end time of the recording in the list of recordings.

To stop recording, press  (Stop).

Schedule a recording

You can schedule a recording of an upcoming program for today or a few days from today (maximum of 8 days


away).


1. To schedule a recording, press TV GUIDE.

On the TV guide page, select the channel and program you wish to record.


You can enter the channel number to jump to the channel in the list.

Press >(Right) or < (Left) to scroll through a channel's programs.

To change the date of the list, press  OPTIONS and select Change day. In the list, select the desired day and press OK. If the TV guide comes from the Internet, you can select the date at the top of the page and press OK.

2. With the program highlighted, press  Record. The TV adds some time buffer at the end of the program.
You can add some extra buffer if needed.
3. Select Schedule and press OK. The program is scheduled for recording. A warning will appear automatically when overlapping recordings are scheduled.
If you plan to record a program in your absence, remember to leave the TV switched to standby and the USB Hard Drive turned on.

List of recordings

To view the list of recordings and scheduled recordings, press  Home, select Utilities > Recordings and press OK.

In this list, you can select a recording to watch, remove recorded programs, adjust the end time of an ongoing recording, or check the free disk space. Also in this list, if the TV guide comes from the Internet, you can schedule a recording for which you set the beginning and end time yourself, as a timed recording not linked to a program. To set a timed recording, select Schedule recording at the top of the page and press OK. Set the channel, date, and time span. To confirm the recording, select Schedule and press OK.







Remove a scheduled recording Select the scheduled recording, press  Remove and press OK.

Specifics

- While recording a program, you can watch a previously recorded program.
- While recording, you cannot switch TV channels.
- While recording, you cannot pause the TV broadcast.
- To Record, broadcasters need a reliable clock setting. If you reset the TV clock manually, recordings may fail.

Watch a recording

To watch a recording . . .

1. Press  Home, select Utilities > Recordings and press OK.
2. In the list, select the recording and press  (Play) to start the playback. You can use the  (Forward),  (Rewind),  (Pause) or  (Stop) keys on the remote control.

Expired recording

Broadcasters can limit the number of days a recording can be viewed. A recording in the list can show the number of days before it expires.

Failed recording

When a scheduled recording was prevented by the broadcaster or when the broadcast was interrupted, a recording is marked as Failed.

Delete a recording

To delete an existing recording, select the recording in the list, press  Remove and press OK.

For more information, press  Keywords and look up Record a program.


12.2 Pause TV


You can pause a TV broadcast and resume watching it later.


Only digital TV channels can be paused. You must connect a USB Hard Drive to buffer the broadcast. You can pause a broadcast for a maximum time span of 90 minutes.

For more information, press  Keywords and look up USB hard drive.

Pause or resume a broadcast

To pause a broadcast, press  (Pause). A progress bar appears briefly on screen.

To call up the progress bar, press  (Pause) again.

To resume watching, press  (Play). The icon on screen indicates you are watching a paused broadcast.

Back to the actual TV broadcast

To switch back to the actual TV broadcast, press  (Stop).

The moment you switch to a digital channel, the USB Hard Drive starts buffering the broadcast. When you switch to another digital channel, the broadcast of the new channel is buffered and the broadcast of the previous channel is cleared.

When you switch to a connected device (a Blu-ray Disc player or digital receiver) the USB Hard Drive stops buffering and the broadcast is cleared. Also when you switch the TV to standby the broadcast is cleared.

While recording a program on the USB Hard Drive, you cannot pause a broadcast.



Instant replay

While watching a broadcast from a digital TV channel, you can easily instant replay the broadcast.

To replay the last 10 seconds of a broadcast, press  (Pause) and press  (Left).

You can press  repeatedly until you reach the start of the broadcast buffer or the maximum time span.

Progress bar

With the progress bar on screen, press  (Rewind) or press  (Forward) to select from where you want to start viewing the paused broadcast. Press these keys repeatedly to change speed.

Utilities

Smart TV

Open Smart TV page.

TV guide

For more information, in Help, press the color key  Keywords and look up TV guide.

Recordings

For more information, in Help, press the color key  Keywords and look up Recording.

Channels

View channel list.

Update software

For more information, in Help, press the color key  Keywords and look up Update software.

Netflix

If you have a Netflix subscription, you can enjoy Netflix on this TV. Your TV must be connected to the Internet.

To open Netflix, press **NETFLIX** to open the Netflix App. You can open Netflix immediately from a TV in standby.
www.netflix.com

Sources

15.1 Switch to a device

From the list of Sources, you can switch to any of the connected devices. You can switch to a tuner to watch TV, open the content of a connected USB Flash Drive or see the recordings you made on a connected USB Hard Drive. You can switch to your connected devices to watch their programs, or to a digital receiver, or Blu-ray Disc


player.

To switch to a connected device...

1. Press SOURCES to open the Sources menu.
2. Select one of the items in the source list and press OK. The TV will show the program or content of the device.
3. Press SOURCES again to close the menu.

One Touch Play



With the TV on standby, you can switch on a disc player with your TV remote control.

To switch on both the disc player and TV from standby and start playing the disc immediately, press  (Play) on the TV remote control. The device must be connected with an HDMI cable and both the TV and the device must have HDMI CEC switched on.

15.2 Options for TV Input

Some TV input devices offer specific settings.

To set the options for a specific TV input...



1. Press SOURCES.
2. Select the TV input from the list and press OK.
3. Press  OPTIONS. You can set the options for the selected TV input here.
4. Press  OPTIONS again to close the Options menu.

Possible options...

Controls

With this option you can operate the connected device with the TV remote control. The device must be connected with an HDMI cable and both the TV and the device must have HDMI CEC switched on.

15.3 Scan connections

To rescan connections and update the Sources menu, press  Scan connections. (if  key is available on the bottom of the screen.)


15.4 Game or computer

The device type determines picture and sound styles, resolution values and other specifics. You don't have to worry about the ideal settings.

For some devices the device type is unclear. A game console can have a built-in Blu-ray Disc player, so the type is set to Player because it is used as a disc player most of the time. For this kind of device, you can temporarily switch to the ideal settings for gaming. Or alternatively, switch to the ideal settings for a connected computer.

You can only use the setting Game or Computer when you switch to a connected device in the Sources menu. The Game or Computer setting is stored for the selected device.

To switch to the ideal settings for gaming or computer manually...

1. Press the Settings key, select Picture > Advanced and press OK.
2. Select Game or Computer and press OK.
3. Select Game, Computer or Off.
4. Press < (left) to go back one step or press  BACK to close the menu.

Remember to set this setting back to Off when you stop playing the game.


Internet

16.1 Start Internet

You can browse the Internet on your TV. You can view any Internet website but most of them are not prepared for a TV screen.

- Some plug-ins (e.g., to view pages or videos) are not available on your TV.
- You cannot send or download files.
- Internet pages are shown one page at a time and full screen.


To start the Internet browser...

1. Press SMART TV > Apps, and press OK.
2. Select Open Internet go to and press OK.
3. Enter an Internet address and press OK.
4. To close Internet, press  Home or EXIT.

16.2 Internet Options

Some extras are available for the Internet.

To open the extras...

1. With the website open, press  OPTIONS.
2. Select one of the items and press OK.
3. Press <(left) repeatedly if necessary, to close the menu.
 - Add to Speed Dial
 - Add to Bookmarks
 - Page Security
 - New Private Tab
 - Settings
 - Help
 - Exit Internet Browser

Your music, movies and photos

17.1 From a USB connection

You can view your photos or play your music and videos from a connected USB flash drive or USB Hard Drive. With the TV turned on, plug in a USB flash drive or a USB Hard Drive to one of the USB connections. The TV detects the device and will list your media files.

If the list of files does not appear automatically...

1. Press SOURCES, select USB and press OK.
2. Select USB Devices and press > (right) to select the desired USB device.
3. You can browse your files in the folder structure you have organized on the drive.
4. To stop playing videos, photos and music, press EXIT.

Warning

If you try to pause or record a program with a USB Hard Drive connected, the TV will ask you to format the USB Hard Drive. This formatting will delete all current files on the USB Hard Drive.

17.2 Menu bar and sorting

With a USB device connected, the TV sorts the files by type.

Navigate to the menu bar and select the type of file you are looking for.


If you browse files from a computer, you can only browse the files and folders as they are organized on the computer.


The menu bar

Navigate to the menu bar and select the type of file you want to watch or play.

Select Music, Movie or Photos. Alternatively, you can open the Folders view and browse your folders to look for a file.

Sorting



To browse your photos by date, month, year, or alphabetically by name, press  Sort.

To browse your music by album, artist, genre, or alphabetically by name, press  Sort.

Videos are sorted alphabetically.

17.3 Play your music

Play music

- To play music, select Music in the menu bar, select a song and press OK.
- If there are more songs in the same folder, press  Play all to play all songs in this folder.
- To jump to the next or previous song, press CH + or CH -.
- To pause the music, press OK. Press OK again to continue.
- To make a 10-second jump forward or back in a song, press > or <.
- To rewind or fast forward, press ◀◀ or ▶▶. Press the keys several times to speed up – 2x, 4x, 8x, 16x, 32x.
- To stop the music playback, press  (Stop).

Info

To view the song info (title, artist, duration, etc.), select the song and press INFO.

Press again to hide the info.



Music options

Options for playing music...

- Repeat – Play all songs in this folder once or continuously.

17.4 Play your movie

Play movie

- To play a video, select Movie in the menu bar, select a video and press OK.
- If there are more videos in the same folder, press  Play all to play all videos in this folder.
- To jump to the next or previous video, press CH + or CH -.
- To pause the video, press OK. Press OK again to continue.
- To make a 10-second jump forwards or backwards in a video, press > or <.
- To rewind or fast forward, press ◀◀ or ▶▶. Press the keys several times to speed up to 2x, 4x, 8x, 16x, 32x.
- To stop the video playback, press  (Stop).

Info

To view video info (playhead position, duration, title, date, etc.), select the video and press INFO. Press again to hide the info.

Movie options

During the video playback, press  OPTIONS to...


- Subtitles
- Subtitle language
- Audio language
- Character set
- Status

- Repeat
- Subtitle settings


17.5 View your photos

View photos

To view photos, select Photos in the menu bar, select a photo thumbnail and press OK.

If there are several photos in the same folder, select a photo and press  Slide show to start a slide show of all photos in this folder.

To jump to the next or previous photo, press CH + or CH -.

To stop the slide show or close the photo, press  (Stop).

Info

To view photo info (size, creation date, file path, etc.), select a photo and press INFO.

Press again to hide the info.

Slideshow with music

You can watch a slideshow of your photos and listen to your music at the same time. You must start the music before you start the photo slideshow.

To play music with the slide show...





1. Select a song or a folder with songs and press OK.
2. Press INFO to hide the browser list.
3. Press  BACK.
4. Now use the navigation arrows to select the folder with photos.
5. Select the folder with photos and press  Play All.
6. To stop the slideshow, press  BACK.

Photo options

With a photo on screen, press  OPTIONS to...

- Shuffle – Play your files in a random order.
- Repeat – Play the slide show once or continuously.
- Slide show speed – Set the speed of the slide show.
- Slide show transition – Set the style of the photo transitions.

Smartphones and tablets

18.1 MHL

This TV is MHL™ compliant.

If your mobile device is also MHL compliant, you can connect your mobile device with a MHL cable to the TV. With the MHL cable connected you can share what's on your mobile device on the TV screen. Your mobile device charges its battery at the same time. The MHL connection is ideal for watching movies or playing games from your mobile device on TV for a longer time.


Charging

With the MHL cable connected, your device will charge while the TV is switched on (not in standby).

MHL Cable

You need a passive MHL cable (HDMI to Micro USB) to connect your mobile device to the TV. You might need an extra adapter to connect to your mobile device. To connect the MHL cable to the TV use the HDMI 1 MHL connection.



MHL, Mobile High-Definition Link and the MHL Logo are trademarks or registered trademarks of the MHL, LLC. In Help, press  Keywords and look up HDMI MHL for more information.

18.2 Smart TV

About Smart TV

Connect this TV to the Internet and discover a new world of television. You can install a wired connection to your router or you can link up wirelessly with Wi-Fi.

With the TV connected to your home network, a smartphone can show a photo on TV, you can play videos stored on your computer or control the TV with your tablet.

With your TV connected to the Internet, you can watch a rental video from an online video store, read the online TV guide or record your favorite TV show on a USB Hard Drive. The Smart TV Apps add to the fun with all sorts of entertainment and convenient services.


What you need

To enjoy Smart TV Apps, you must connect the TV to a router with a high-speed (broadband) internet connection. You can use a home network connected to the Internet. You do not need a computer.


For more information, press  Keywords and look up Network.

Tip

To enter text or to navigate an Internet page more easily, you can consider connecting a USB keyboard and a USB mouse to the TV.

For more information, press  Keywords and look up USB keyboard or USB mouse.

Setup Smart TV

The first time you open Smart TV, you need to configure your connection. Read and agree to the terms and conditions to continue. If you do not want to set up Smart TV, press  BACK.

Parental control

To lock Adult 18+ rated apps . . .

1. Turn on Smart TV parental control by selecting Enable and then press OK.
2. Enter an unlock PIN code of your choice.
3. Confirm your PIN code.

Adult 18+ rated apps are now locked. To open a locked app, select the app and press OK. The TV will ask you to enter your 4-digit code.

Smart TV Apps



Open Smart TV

The Smart TV start page is your link to the Internet. You can rent movies online, read newspapers, watch videos, listen to music, shop online, or watch TV programs whenever you want with Online TV.

To do this, you use Apps, which are Internet sites tailored for TV. With your TV connected to the Internet, you can open Smart TV.

Open Smart TV

To open the Smart TV start page, press Smart TV.

Alternatively, you can press  Home > Utilities, select  Smart TV and press OK.

The TV connects to the Internet and opens the Smart TV start page. This may take a few seconds.

Close Smart TV

To close the Smart TV start page, press  Home and select another activity.

Smart TV start page

1. Now on your TV
2. Your Apps
3. App gallery
4. Internet
5. Recommended Apps
6. Search
7. Color keys for control

Your Apps

You start Apps from the Smart TV start page. If the start page does not hold any Apps yet, you can add Apps from the App gallery.

App gallery

In the App gallery you find all available Apps.

Internet

The Internet App opens the World Wide Web on your TV. On your TV, you can view any Internet website but most of them are not tailored for a TV screen.


- Some plug-ins (e.g. to view pages or videos) are not available on your TV.
- Internet pages are shown one page at a time and full screen.

Recommended Apps

This window presents a range of recommended Apps for your country, Apps for Online TV, or a selection of rental movies from Video stores. You can select and open them from the Recommended Apps window.

Search

With Search, you can search the App gallery for relevant Apps.

Enter a keyword in the text field, select  and press OK to start searching. You can enter names, titles, genres, and description keywords to search.

Alternatively, you can leave the text field empty and search for the most popular searches/keywords for a range of categories. In the list of found keywords, select a keyword and press OK to search for items with that keyword.

Open an App

To open an App, you must add it to your list of Apps in the Smart TV start page first. You can add Apps to your list from the App gallery.

The list of your Apps on the Smart TV start page can be several

40

<
>



>



Mobile High-Definition Link



NETFLIX



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

DOLBY
AUDIO



ANATEL
Agência Nacional de Telecomunicações



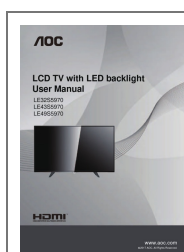
Microsoft

Wi-Fi®
CERTIFIED



AOC

Documents / Resources



[AOC LE32S5970 LCD TV with LED Backlight](#) [pdf] User Manual

LE32S5970 LCD TV with LED Backlight, LE32S5970, LCD TV with LED Backlight, with LED Backlight, LED Backlight, Backlight

References

- [Homepage | AOC Monitors](#)
- [Netflix - Watch TV Shows Online, Watch Movies Online](#)
- [Search - Manual-Hub.com](#)

Manuals+.