PHILIPS

Television

OLED720 Series

User Manual

55OLED720
65OLED720

Register your product and get support at
www.philips.com/TVsupport

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1. Home Screen

1.1 Introduction

To enjoy the benefits of your Google TV, connect the TV to the Internet. Press ⌂ (Home) on your remote control to get your Home screen. Like on your Android smartphone or tablet, the Home screen is the centre of your TV. From the Home screen you can decide what to watch by browsing entertainment options from apps and live TV.

The Home screen is organized in rows to let you discover great contents from your favourite apps. Apps may populate their recommendation (if available) according to their own choice as an individual rows in the home screen.

Highlights on your home screen
You can find movies and shows from services and popular apps using multiple index tabs, such as Search, Recommended for You, Videos, Shows, Apps, and Collections. Sign in to your Google account and let the streaming service provide you with personalized recommendations based on your past viewing content and interests. You can also trigger Google's search system using voice or text input in the Search Index tab.

Favourite Apps
The home screen's application index includes all installed applications that come with the TV, as well as applications you have installed from the Google Play™ store. You can also install and add more apps as Favorites from the Apps index tab.

Tour guide
Decide what you want to watch next with easy-to-use navigation. Browse your personalized recommendations, pick up where you left off, or use the new index tag system to quickly find specific apps.

Explore personalized recommendations
Browse your favorite shows and movies on all your favorite media services. Sign in to your Google Account to get started.

Get recommendations through Google
Your services will be saved to your Google account, allowing you to get better recommendations across Google's services.

See also www.support.google.com/googletv

1.2 Dashboard and Settings

Dashboard
The Dashboard is a side panel in your TV that provides access to settings, device controls, notifications, and more.
You can access the dashboard in three ways:
1 - Navigating to ⚙☰ **Dashboard** icon in the home page.
2 - Press the ⚙ **DASHBOARD** button on the remote control.
3 - Long press the ⌂ **HOME** button on the remote control.
The dashboard contains the following features.

- ⚙ All Settings**:** Access all settings menus to adjust TV settings.
- Screensaver: Display the system clock. Press this function to start the screen saver immediately.
- Inputs: Launch the input source list to switch to any connected device.
- Display: Quick links to adjust picture settings.
- Sound: Quick links to adjust sound settings.
- Wi-Fi: Quick links to adjust Wi-Fi settings.
- Accessibility: Quick links to adjust accessibility settings.
- Bluetooth: Quick lings to adjust Bluetooth settings.
- Notifications: Provides you with TV system related**.**
- Clear all: Select **Clear all** to dismiss all notifications.

1.3 Open the home screen

To open the home screen and one of its items:
1 - Press ⌂ HOME.
2 - Select an item and press OK to turn it on or start.
3 - Keep pressing ← return or press ⌂HOME to return to the home screen.
When opening the home screen, background application/content playback will stop. You must select the application or content from the home screen to continue.

2. Setting Up

2.1 Read the Safety Introductions

Read the safety instructions first before you use the TV.

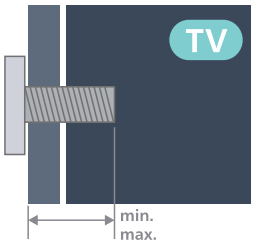
2.2 TV Stand and Wall Mounting

TV Stand

You can find the instructions for mounting the TV stand in the Quick Start Guide that came with the TV. In case you lost this guide, you can download it from www.philips.com/TVsupport. Use the model number of the TV to look for the Quick Start Guide to download.

Wall Mounting

This television is sold without a wall mount. Please purchase a compatible mount separately for installation.
Wall mount dimensions may vary with different case types; see the Quick Start Guide included in the product packaging to see which sizes will fit your TV.
Please use the following dimensions when purchasing a wall mount.



55"/65" 300x200mm, M6 (L: 17mm ~ 25mm)

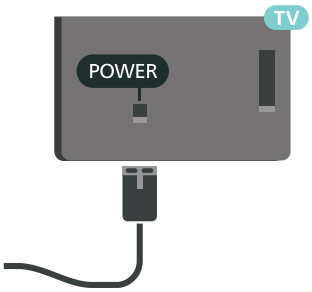
M:Machine screw

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 TVs weight. Also read the safety precautions before positioning the TV.
TP Vision Europe B.V. bears no responsibility for improper mounting or any mounting that results in accident or injury.

The wall-mounting hole pattern of this TV may differ from standard VESA configurations. Please verify that your chosen wall mount is compatible with the specific mounting pattern of this TV before installation.

2.3 Power Cable

- If the power cord is pluggable, 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.

3. Remote Control

3.1 Key Overview

Top

1 - Power (Standby / On)

To switch the TV on or back to Standby.

2 - VOICE microphone

3 - MENU

- In multimedia mode, open the multimedia settings menu.
- In TV mode, open Live TV menu.

4 - (SOURCES)

To open the Sources menu.

5 - Number keys (hidden keys, available by pressing the 123)

To select a channel directly.

6 - (Google Assistant™)

To launch the Google Assistant™.

7 - DASHBOARD

To launch Dashboard on side of screen to access Settings, device controls, notifications and more.

8 - OK key

- To confirm a selection or setting.
- To open the channel list while watching TV.

9 - Arrow / navigation keys

To navigate up, down, left or right.

Middle

1 - TV GUIDE

Electronic program guide.

2 - INFO

Press to open the programme information screen.

3 - (Back)

- Return to the previous menu.
- Return to the previous application/internet page.

4 - Volume joystick

- Push the joystick up/down to adjust the volume.
- Press joystick to mute the sound ro to restore it.

5 - Playback (hidden keys, available by pressing the 123)

- Fast rewind , to rewind
- Pause , to pause
- Play , to playback.
- Fast forward , to go fast forward

6 - PICTURE

Open the Display menu.

7 - AD

To open audio menu.

8 - EXIT

Exit the current interface and return to the TV mode.

9 - (Home)

To open the Home menu. Long press to launch the Dashboard on side of screen.

10 - Channel joystick

- Push the joystick up/down to change channels.
- Press joystick to open the channel list menu.

11 - 123

Switch between normal and hidden modes. When the backlight of the remote control button is off, it is in the hidden mode.

12 - , , ,

- Follow the on-screen instructions to select more options or operations.
- Long press key to display **Energy Modes** menu.

Bottom

1 - NETFLIX

- To launch the Netflix App with the TV switched on or from standby.
- If you have a Netflix membership subscription, you can enjoy Netflix on this TV. Your TV must be connected to the Internet.
- To open Netflix, press the NETFLIX key to open the Netflix App. You can open Netflix immediately from a TV in standby.

2 - prime video

To launch the Amazon Prime Video App.

3 - YouTube

To launch the YouTube App.

4 - Live TV

To launch the Live TV (It is valid after logging in to a Google account via the Internet).

3.2 Pair Your Remote Control to TV

This remote control uses both Bluetooth® and IR (infrared) to send its commands to the TV.

- You can use this remote control via IR (infrared) for most operations.
- To use advanced operation like voice search and remote control keyboard, you need to pair (link) the TV with the remote control.

When you start the initial TV installation, the TV invites you to press **Home** + **Back** key to pair the remote control. It is suggested to complete the pairing during the first TV installation.

Note:

1 - Once the remote control has entered pairing mode successfully, the LED indicator ring around the microphone on the front side of the remote control starts blinking.

2 - The remote control must be kept close to the TV (within 1m distance) during pairing in order to ensure success.

3 - If the TV does not launch the voice control field when press , pairing was unsuccessful.

4 - It is advisable to wait until the set has fully started up and launched all background processes before pairing mode is entered as the toast message containing further instructions may appear too late, thereby negatively impacting the pairing procedure.

Pairing again

If the pairing with the remote control was lost, you can pair the TV with the remote control again.

You can press **Home** + **Back** key (approximate for 3 seconds) for pairing. You can also go to > **All settings > Remotes & Accessories > Pair accessory**, and then follow the on-screen instructions. A message will be displayed when the pairing is successful.

3.3 Voice Search

You can search for videos, music or anything else on the Internet by simply using your voice. You can speak into the microphone on the remote control.

You need to pair the remote control to the TV before use voice search.

To use Voice:

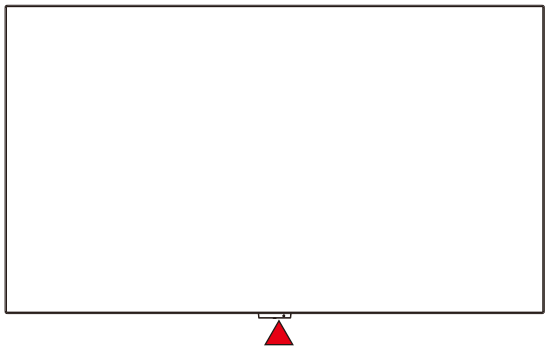
1 - Press on remote control, the light on the remote control lights up and the search field opens, the microphone is active.

2 - Speak out what you are looking for with clear pronunciation. You can speak for 10 seconds before the microphone switches off. It might take some time for the results to appear.

3 - In the list of search results, you can select the item you want.

3.4 IR sensor

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



Warning

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

3.5 Batteries and Cleaning

Replace batteries

Refer to the Quick Start Guide in your product package for detailed information about the remote control 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 new batteries. Make sure the + and the - ends of the batteries 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.

Cleaning

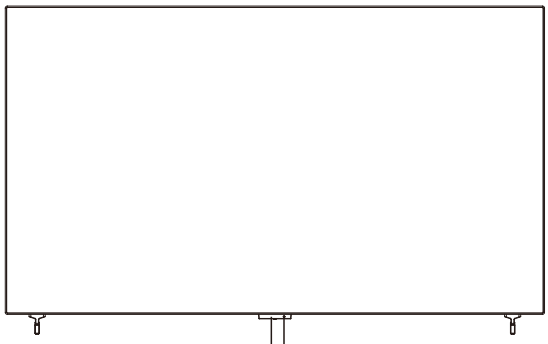
Your remote control is treated with a scratch-resistant coating. To clean the remote control, use a soft damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the remote control.

4. Switching On and Off

Make sure the TV is connected to the mains AC power. The indicator light at the bottom of the TV lights up.

Switch on

Press **Power** on the remote control to switch the TV on. You can also press the key on the bottom of the TV to switch the TV on in case you can't find the remote control or its batteries are empty.

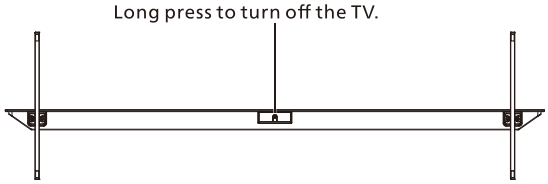


Power LED indicator and remote receiving window.

Ambient light sensor window.

Standby: Turn the TV on or switch the TV back to standby.

Long press to turn off the TV.



Appearance varies by model, please refer to the actual product.

Please use the remote control for more operations.

A TV in standby mode remains connected to mains power, but consumes less power.

To turn off the TV completely, unplug the power plug.

When unplugging the power plug, be sure to pull up from the plug and never pull on the cable. Please ensure that the power plug, power cord and power socket of the product are easily accessible at all times.

Auto Backlight

> All settings > Display & Sound > Display > Auto Backlight.

You can select **Auto Backlight** "**OFF**" or "**High**" to set TV automatic backlight adjustment, so as to achieve the optimal power consumption effect or the best viewing experience.

Note: Ensure that the sensor window is not blocked, otherwise it may receive incorrect ambient light information.

5. Connect Devices

5.1 About Connections

Connectivity Guide

Always connect a device to the TV with the highest quality connection available. Also, use good quality cables to ensure a good transfer of picture and sound.
When you connect a device, the TV recognizes its type and gives each device a correct type name. You can change the type name if you wish. If a correct type name for a device is set, the TV automatically switches to the ideal TV settings when you switch to this device in the Sources menu.

Network port

Data input from the Internet.
LAN transmission rate:
Supports networks with speeds less than or equal to 100/10Mbps.

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 High Definition (HD) TV signals.

To transmit the best signal quality, please use ultra-high speed certified HDMI cables, and the HDMI cable length should not exceed 5 meters.

Anti-copy protection

HDCP (High-bandwidth Digital Content Protection) 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 ARC and eARC

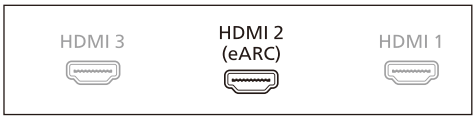
Only **HDMI 2** supports **HDMI ARC** (Audio Return Channel) and HDMI eARC on the TV.

If the device, typically a Home Theatre System (HTS), soundbar or AV receiver, also has the HDMI ARC connection, connect it to HDMI 2 on this TV. With the HDMI ARC connection, you do not need to connect the extra audio cable that sends the sound of the TV picture to the HTS. The HDMI ARC connection combines both signals.

You can use any HDMI connection on this TV to connect the HTS but ARC is only available for 1 device/connection at a time.

HDMI eARC (Enhanced Audio Return Channel) is one of the improved versions of the previous generation ARC. It covers all ARC features, but with higher bandwidth and speed.

Note: **HDMI eARC** is only available on **HDMI 2**. Use **Ultra High-speed HDMI cable** for eARC. Only one eARC device is available at a time.



5.2 Home Theatre System - HTS

Connect using HDMI ARC/eARC

Connect your home theater (HTS) to your TV using an HDMI cable. You can use the built-in CD player connected to a Philips Soundbar or HTS.

HDMI eARC

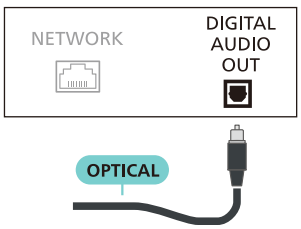
HDMI eARC (Enhanced Audio Return Channel) is one of the improved versions of the previous generation ARC. HDMI eARC is only available with HDMI 2.

Audio and video synchronization (synchronization)

If the sound doesn't match the video on the screen, you can use a disc player to set a delay on most home theaters to synchronize the sound with the video.

5.3 Digital Audio Out - Optical

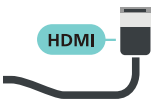
Audio Out - Optical is a high quality sound connection.
This optical connection can carry 5.1 audio channels. If your device, typically a Home Theatre System (HTS), has no HDMI ARC connection, you can use this connection with the Audio In - Optical connection on the HTS. The Audio Out - Optical connection sends the sound from the TV to the HTS.



5.4 Game Console/Video Camera

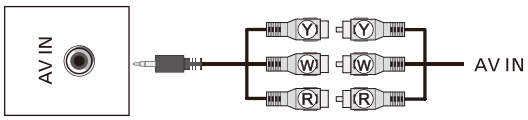
For best signal quality transfer, use a High speed HDM cable to connect your game console or camera on any one of HDMI connections.

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE



5.5 AV IN

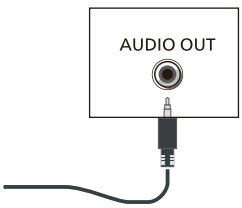
It is used for audio and video transmission between the set-top box and the TV. The connection method is to use a dedicated AV cable.



Ⓨ Yellow (video signal cable)
Ⓦ White (audio left channel signal connection cable)
Ⓡ Red (audio right channel signal connection cable)

5.6 Audio Out

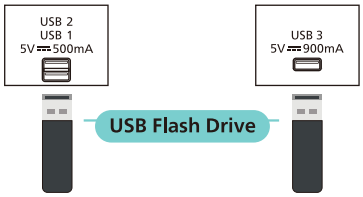
Connect home audio devices.



5.7 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.



To view the files from the USB flash drive, press **Home** and select the **Your apps > MultiMediaPlayer** to start the app.

To stop watching the USB flash drive content, press **EXIT** or select another activity. Exit the **MultiMediaPlayer** app before you disconnect the flash drive.

To remove the USB flash drive safely:

1- Go to **Settings** > **System** > **Storage**.

2- Select your flash drive and press **OK**.

3- Select **Eject** and press **OK**.

4- Wait until the eject procedure is finished and then pull out the flash drive.

Ultra HD on USB

You can view photos in Ultra HD resolution from a connected USB device or flash drive. The TV will downscale the resolution if the resolution of the photo is higher.

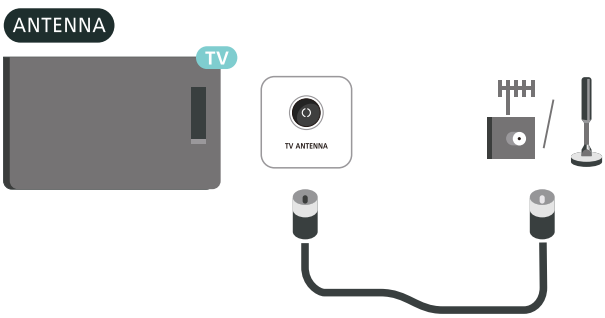
5.8 Connecting TV

TV ANTENNA

RF (Radio Frequency or modulated signal design used as the carrier for television broadcasts.) input that connects to your Cable or VHF/UHF antenna.

Warning

When connecting outdoor antenna to signal port of the TV set, please turn off the main power switch of the TV set first. Do not approach the outdoor antenna to high voltage mains power line to avoid electric shock. The wired network antenna connected to this TV set must be isolated from the protective grounding, or else it will cause fire or other hazards.



5.9 Computer

You can use a super-fast certified HDMI cable to connect your computer to the TV and use the TV as a computer TV.

* Notes for users of Nvidia graphics cards:

If you connect your computer to the TV via HDMI, the Nvidia graphics card may automatically change the variable refresh rate (VRR) video output to the TV. Before changing the TV's HDMI Ultra HD to Best or Standard, be sure to turn off the VRR function of the display card. Selecting Best or Standard on the TV UI will turn off the TV's VRR support.

* Notes for AMD graphics card users:

If you are connecting your computer to your TV via HDMI, be sure to use the following graphics card settings for proper performance.

- If the video card output is 4096 x 2160p or 3840 x 2160p, and uses RGB pixel format, the computer display card should be set to RGB 4:4:4 pixel format Studio (limited RGB).
- If the display card output video is 2560 x 1440p 120Hz and uses RGB pixel format, the computer display card should be set to RGB 4:4:4 pixel format PC standard (full RGB).

6. Connect your Google TV

6.1 Network and Internet

Home Network

To enjoy the full capabilities of your Philips Google 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.

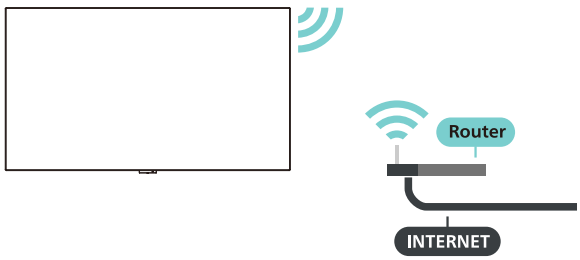
Connect to Network

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) connection to the Internet.



Turn Wi-Fi On or Off

1 - > **All settings > Network & Internet > Wi-Fi.**

2 - Press **OK** to turn on/off Wi-Fi

Make the Connection

> **All settings > Network & Internet > Wi-Fi.**

1 - In the list of found networks, select on your wireless network. If your network is not in the list because the network name is hidden (you switched off the SSID broadcast of the router), select **Add new network** to enter the network name yourself.

2 - Follow the on-screen instruction.

3 - 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/ac 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.

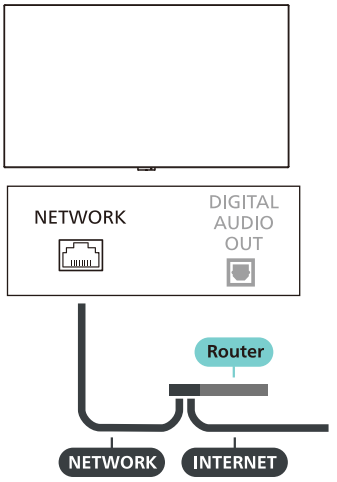
DHCP

• 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 a connection to the Internet. Use a high-speed (broadband) connection to the Internet.



Network and Internet settings

View network settings

> **All settings > Network & Internet > IP settings > Static**.

Here you can view all current network settings, IP address, gateway, network prefix length, DNS1, DNS2, etc.

Wake On Network

Press , and select **All settings > System > Power & Energy > Energy Modes > Optimized**, then press **OK** to set it to on or off.

Note: It is available when network is connected.

6.2 Google Account

Sign In Google Account

To enjoy the full capabilities of your Philips Google TV, you can sign in to Google with your Google Account.

By signing in you will be able to play your favourite games across phone, tablet and TV. You will also get customised video and music recommendations on your TV home screen as well as access to YouTube, Google Play and other apps.

log in

Sign in to Google on your TV using your existing Google Account. A Google Account consists of an email address and a password. If you do not have a Google account yet, please create an account on your computer or tablet (accounts.google.com). If you are not logged in when you first install the TV, you can still log in at any time.

After the TV is installed, log in:

Press , select **All settings > Accounts & Profiles**, and press **OK**, then follow the on-screen prompts.

7. Sources

Switch to a Device

In the Input Source list, you can switch to any connected device. You can switch to a connected device to enjoy the program, such as a Blu-ray Disc player, etc.

To switch to a connected device:

1 - Press **SOURCES** to open the Sources menu.

2 - Select one of the item in the source list and press **OK**. The TV will show the programme or content of the device.

*Note: HDMI devices listed as "Gray" in the "Inputs" list cannot be controlled using the TV remote control because the communication protocol is restricted.

8. Menu(TV)

Menu operation description

Press **MENU** to show the main menu on the screen:

1 - Press ^ **(up)**/ v **(down)** key to select a menu from **Channels**, **TV options**, **Record**.

2 - Press < **(left)**/ > **(right)**key to select an item in the menu.

3 - Press **OK** key to enter the submenu.

4 - Press ^ **(up)**/ v **(down)** key to adjust the value or setting.

5 - Press ← key to return to previous menu or exit the menu.

6 - During menu operation, the icons of invalid options are gray.

9. Time and Language

9.1 Date and Time

⚙ > ⚙ **All settings > System > Date & Time**.

9.2 Language

Change the language of TV menus and messages.

⚙ > ⚙ **All settings > System > Language**.

Select the language used to display TV menus and messages.

10. Power on behavior

Set the Power on behavior

⚙ > ⚙ **All settings > System > Power & Energy > Power on behavior**.

Set the TV to stay on **Google TV home screen** or on **Last used input** when power on the TV.

11. Bluetooth®

Pairing accessories

The Bluetooth® device should be located within 5 meters of the TV. Read the device's user manual for information on pairing and wireless range of the device. Please make sure the Bluetooth® setting on the TV is turned on.

Once you pair a Bluetooth® device, you can select it to play your TV's sound. Once pairing is complete, there is no need to re-pair the device unless you remove it.

To pair a Bluetooth® device with the TV:

1 - Turn on the power of the Bluetooth® device and place the device within the signal range of the TV.

2 - Press ⚙, then select ⚙ **All Settings > Remotes & Accessories > Pair accessory.**

3 - Follow the on-screen instructions.

This will pair the device with the TV and the TV will save the connection. If the maximum number of paired devices has been reached, you may need to unpair the paired devices first.

4- If necessary, press ← repeatedly to return to the previous level.

12. Setting Mode

Press ⚙, and select ⚙ **All settings**, then press **OK** to enter.

- Channels & inputs
- Display & sound
- Network & Internet
- Accounts & Profiles
- Privacy
- Apps
- System
- Accessibility
- Remotes & Accessories
- Help & Feedback

13. Videos, Photos, Music

You can view your photos or play your music and videos from a connected USB flash drive.
With the TV switched on, plug in a USB flash drive to one of the USB connections.
1 - Press **Home**, select **Your apps > MultiMediaplayer**from the Apps list and press **OK**.
2 - Use Navigation keys to select the file type.
3 - Follow the on-screen instructions to play the files.

Notice:
1 - Some non-standard USB devices may not be recognized, please replace them with standard USB devices;
2 - The streaming media system has certain restrictions on the format of each playback file. If the system limit is exceeded, the playback will fail;
3 - Please do not plug or unplug USB devices during system playback, as this may cause system or device problems. Before replacing the USB device, please disconnect the power of the machine first;
4 - The USB 1 and USB 2 interfaces support standard USB 1.1 and USB 2.0 devices. The USB 3 interface support standard USB 1.1, USB 2.0 and USB 3.0 devices, such as USB mass storage devices and mobile hard disks;
5 - The maximum output current of the USB 1 and USB 2 interface of this device is 500mA. The maximum output current of the USB 3 interface of this device is 900mA. When the limit is exceeded, the machine will self-protect. If the user connects an external device with a relatively large current, it is recommended to use an external power supply;
6 - The local system is very complex, equivalent to a computer system, so when reading or playing files, due to factors such as USB device compatibility and stability, the screen may stop or the function may not work. Please try Shut down the machine and reinitialize the system.

While playing, press **MENU** key to display the menu options, select the corresponding menu, and press **OK** key to confirm the operation. Users can press **EXIT** key to exit playback, or press ▶/ ⏸/◀◀/▶▶ keys to perform shortcut operations

14. Games

14.1 Necessary preparations

Games that can be played on this TV include:
- Google Play Store from main menu
- From a connected console

Games from the Google Play Store need to be downloaded and installed on the TV before they can be played. Some games require a game controller to play.

To install a game app from the Google Play Store, your TV must be connected to the Internet and you must agree to the Terms of Use to use the app. You must log in with a Google account to use Google Play apps and the Google Play store.

14.2 Game controller

To play online games on this TV, you can connect a select range of wireless game controllers. This TV can support the connection of 2 game controllers at the same time. Once you connect your game controller, it's ready to use right away.

15. Netflix

If you have a Netflix membership subscription, you can enjoy Netflix on this TV. Your TV must be connected to the Internet. In your region, Netflix might only come available with future software updates.

To open Netflix, press NETFLIX on the remote control to open the Netflix App. You can open Netflix immediately from a TV in standby.

www.netflix.com

16. Channels

16.1 Channel Scanning

Scan the channels before watching the TV for the first time. Before scanning, please make sure that the antenna has been connected properly.

After selecting TV source, press ⚙ key, and select ⚙ **All settings > Channels & Inputs > Channels > Analog/Antenna/ Cable**, then press **OK** key to enter. Operate as needed.

16.2 REC Option

Before recording, insert the USB mass storage device into the USB interface.

In DTV mode, press **MENU** key, and select **Record > Device info > USB drive > Set PVR**, press **OK** key to confirm.

Press **MENU** key, and select **Record > Start Recording**, then press **OK** key to start recording. In the process of recording, press **MENU** key, and select **Record > Stop Recordings**, then press **OK** to save and exit recording.

Press **MENU** key, then select **Record > Record List.** Select the file that you want to play, then press **OK** key to play it.

While playing, press **OK** key to stop playing. You can press ← key to exit playing, or press ▶/ ⏸ / ◀◀ / ▶▶ key to perform shortcut operation.

16.3 Time Shift Option

In DTV mode, press **MENU** key, and select **Record > Device info > USB drive > Set TimeShift** , press **OK** key to confirm.

Press **MENU** key, and select **Record > Time Shift Mode**, then press **OK** key to turn on the timeshift function. Press ⏸ key to start timeshifting.

When user pauses program for a short time, time-shift function can suspend and cache the playing program to U disk. When user resumes playing, the program can continue to be played.

In the process of the timeshift, Press ← key to stop and exit timeshift. you can press ▶/ ⏸ / ◀◀ / ▶▶ key to perform shortcut operation.

16.4 Parental Controls

Press **MENU** key, and select **TV options > Parental Controls**, then press **OK** to enter. Then follow the prompts to operate.

- **Tuner Inputs Blocked**: To prevent from using connected devices, you can lock an input source. To connect a **Tuner Input Blocked**, you must enter the 4 digit PIN code first.
- **Channels Blocked**: To prevent children from watching a channel, you can lock a channel. To watch a locked channel, you must enter the 4 digit PIN code first. You cannot lock programmes from connected devices.
- **Program Restrictions**: To prevent children from watching a programme that may not suitable for them, you can set a rating.

17. TV Guide

17.1 TV Guide Data

With the TV Guide you can view a list of the current and scheduled TV programmes of your channels. Depending on where the TV guide information (data) is coming from, analogue 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 from channels viewed

17.2 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 programme information. This may take several minutes. TV Guide data is stored on TV.

18. OLED Panel Care Functions

OLED Compensation

OLED Compensation is a deep repair function for image sticking, when OFF-RS can not repair the image sticking, you can try OLED compensation for repair. In the process of OLED compensation, the screen does not display, and the standby light flashes. In this process, the AC power cannot be turned off, otherwise the repair action cannot be completed. After the repair is complete, the motherboard enters the standby state.

Press ⚙ key, and select **Display > OLED > OLED Compensation**, and press **OK** key to enter. In the pop-up dialog box, select **OK** and press **OK** key, and the machine enters standby state and the panel noise removal is performed.

Manual OFF-RS Compensation

OFF-RS is a fast repair function for image sticking that can repair many types of temporary image sticking. In the process of OFF-RS, the screen does not display, and the standby light flashes. In this process, the AC power cannot be turned off. Otherwise, the repair action cannot be completed. After the repair is complete, the machine goes into standby mode.

Press ⚙ key, and select **Display > OLED > Manual OFF-RS Compensation**, and press **OK** key to enter. In the pop-up dialog box, select **OK** and press **OK** key, and then the machine enters standby mode and performs screen calibration operation.

Pixel Shift

With pixel shift enabled, the machine periodically moves pixels to prevent image sticking. When pixel shift is used, some images at the edge of the screen may move outside the screen boundary and may not be visible. To hold the screen in its original position, turn off the pixel shift. To prevent image sticking from appearing when viewing content that contains a large number of still images, turn on Pixel Shift.

Press ⚙ key, and select **Display > OLED > Pixel Shift**, and press **OK** key to turn on or turn off pixel shift.

19. Specifications

19.1 Environmental Protection

Product card

55"
- Visible screen size: 139 cm / 55 inches
- Power consumption in power-on mode (W): 260 W
- Standby power consumption (W) ** : ≤ 0.5 W
- Display resolution (pixels): 3840 x 2160p

65"
- Visible screen size: 164 cm / 65 inches
- Power consumption in power-on mode (W): 400 W
- Standby power consumption (W) ** : ≤ 0.5 W
- Display resolution (pixels): 3840 x 2160p

**When the TV is turned off using the remote control and no functions are activated. Power consumption in full standby mode is ≤0.5 W.
It takes several minutes for the TV to enter full standby mode.

Note: If you turn on **Wake On Network** function, the maximum power consumption of the machine in standby mode does not exceed 1W.

Product end of use

Disposal of used products and batteries

Please take the initiative to learn about the different recycling and disposal systems for electronic and electrical products in your local area.
Please follow local regulations and do not throw away old products with general household waste. Proper disposal of old products helps avoid potential adverse effects on the environment and human health.

Please take the initiative to learn about your local regulations regarding battery recycling, as proper disposal can help avoid adverse effects on the environment and human health.

19.2 Power

Product specifications are subject to change without notice. For more specification details of this product, see www.philips.com/TVsupport.
Power
- Mains power: AC 100-240V
- Ambient temperature: 5°C to 35°C

19.3 Operating System

Android OS

19.4 Display Type

Display resolution

- 3840 x 2160

19.5 TV Input Resolution

HDMI Mode

Supported Computer resolution

Resolution — Refresh rate

- 640 x 480 - 60Hz
- 800 x 600 - 60Hz
- 1024 x 768 - 60Hz
- 1280 x 1024 - 60Hz
- 1600 x 900 - 60Hz
- 1920 x 1080 - 60Hz
- 3840 x 2160 - 30Hz, 60Hz, 100Hz, 120Hz, 144Hz

Supported Video resolution

Resolution — Refresh rate

- 720 x 480i/p - 60Hz
- 720 x 576i/p - 50Hz
- 1280 x 720p - 50Hz, 60Hz
- 1920 x 1080i/p - 50Hz, 60Hz
- 3840 x 2160p - 24Hz, 25Hz, 30Hz, 50Hz, 60Hz,100Hz,120Hz, 144Hz

19.6 Connectivity

TV Side

- USB 1/2: USB 2.0
- USB 3: USB 3.0
- Audio output
- Digital Audio out: Optical
- HDMI 1 in: Ultra HD-HDR
- HDMI 2 in: eARC - Ultra HD-HDR
- HDMI 3 in: Ultra HD - HDR
- Network LAN: Rj45
- TV ANTENNA
- AV IN

19.7 Sound

Output power (RMS) : 8W+8W

- Dolby Atmos

19.8 Multimedia

Connections

- USB 2.0, USB 3.0
- Ethernet LAN RJ-45
- Wi-Fi 802.11a/b/g/n/ac, Dual Band
- Bluetooth® 5.1

Supported USB file systems

- FAT32, NTFS

Playback formats

- Video Codecs : MPEG1, MPEG2, H.264, H.265/HEVC, AV1, VP8, VP9
- Audio Codecs : MPEG1/2 Layer2, MPEG1/2 Layer3, AC3, EAC3(DDP), LPCM, AAC, HEAAC
- Subtitles formats support: SRT, SMI, SSA, SUB, ASS, TXT
- Image Codecs : JPEG, PNG, BMP, GIF

20. Help and Support

20.1 Troubleshooting

Switch On and Remote Control

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 switch off

When you are switching 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 behaviour.

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 standby light keeps flashing

Please unplug the power cord from the electrical outlet. Wait 5 minutes before reconnecting the power cord. If flickering still occurs, please contact Philips TV Customer Care Center.

Picture

No picture/distorted picture

- Please make sure you select the correct device as the TV input source.
- Please confirm that the external device or input source is connected correctly.

There is sound but no picture

- Change to another video source, then switch back to the current source, then restore the picture style in the "Display" settings.

The picture quality transmitted by the device is poor

- Make sure the device is connected correctly. If applicable, make sure the device's output video is set to the highest resolution.

Image does not fit the screen size

- Please change to another aspect ratio.
- Change the aspect ratio to original.

The screen position is incorrect

- The picture signal sent by some devices may not match the screen size. Please check the signal output of the connected device.
- Change the aspect ratio to automatic.

Computer screen is unstable

Please make sure your computer uses a supported resolution and update/refresh rate.

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 Theatre 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.

Network

Wi-Fi network not found or distorted

- Microwave ovens, DECT phones or other Wi-Fi 802.11b/g/n/ac 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

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

20.2 Online Help

Go to www.philips.com/TVsupport to solve any Philips TV related problem, you can consult our online support. You can select your language and enter your product model number.
On the support site you can find your country's telephone number to contact us as well as answers to frequently asked questions (FAQs). In some countries, you can chat with one of our collaborators and ask your question directly or send a question by email.

20.3 Support and Repair

For support and repair, call the Consumer Care hotline in your country. Our service engineers will take care of a repair, if necessary.
Find the telephone number in the printed documentation that came with the TV.
Or consult our website www.philips.com/TVsupport and select your country if needed.
TV model number and serial number
You might be asked to provide the TV product model number and serial number. Find these numbers on the packaging label or on the type label on the back or bottom of the TV.

⚠ Warning
Do not attempt to repair the TV yourself. This may cause severe injury, irreparable damage to your TV or void your warranty.

21. Safety and Care

21.1 Safety

Important

Read and understand all safety instructions before you use the TV. If damage is caused by failure to follow instructions, the warranty does not apply.

Risk of Electric Shock or Fire

• Never expose the TV to rain or water. Never place liquid containers, such as vases, near the TV.
If liquids are spilt on or into the TV, disconnect the TV from the power outlet immediately.
Contact Philips TV Consumer Care to have the TV checked before use.
• Never expose the TV, remote control or batteries to excessive heat. Never place them near burning candles, naked flames or other heat sources, including direct sunlight.
• Never insert objects into the ventilation slots or other openings on the TV.
• Never place heavy objects on the power cord.
• Avoid force coming onto power plugs. Loose power plugs can cause arcing or fire. Ensure that no strain is exerted on the power cord when you swivel the TV screen.
• To disconnect the TV from the mains power, the power plug of the TV must be disconnected. When disconnecting the power, 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.

Risk of Injury or Damage to the TV

• Two people are required to lift and carry a TV that weighs more than 25 kg or 55 lbs.
• If you mount the TV on a stand, only use the supplied stand. Secure the stand to the TV tightly.
Place the TV on a flat, level surface that can support the weight of the TV and the stand.
• When wall mounted, ensure that the wall mount can safely bear the weight of the TV set. TP Vision bears no responsibility for improper wall mounting that results in accident, injury or damage.
• Parts of this product are made of glass. Handle with care to avoid injury or damage.
Risk of damage to the TV !
Before you connect the TV to the power outlet, ensure that the power voltage matches the value printed on the back of the TV. Never connect the TV to the power outlet if the voltage is different.

Stability Hazards

This product is designed and intended for consumers and personal use in a domestic home environment, unless agreed otherwise with the manufacturer in writing. Failure to follow this recommendation or the instructions provided in the product user manual and the product supportive documentation can cause damage to the product and will void the warranty for such cases.
A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- ALWAYS ensure the television set is not overhanging the edge of the supporting furniture.
- ALWAYS use cabinets or stands or mounting methods recommended by the manufacturer of the television set.
- ALWAYS use furniture that can safely support the television set.
- ALWAYS educate children about the dangers of climbing on furniture to reach the television set or its controls.
- ALWAYS route cords and cables connected to your television so they cannot be tripped over, pulled or grabbed.
- NEVER place a television set in an unstable location.
- NEVER place the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- NEVER place the television set on cloth or other materials that may be located between the television set and supporting furniture.
- NEVER place items that might tempt children to climb, such as toys and remote controls, on the top of the television or furniture on which the television is placed.

If the existing television set is going to be retained and relocated, the same considerations as above should be applied.

Risk of Batteries

- Do not ingest the battery. Chemical burn hazard.
- The remote control may contain a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediatemedical attention.
- Risk of fire or explosion if the battery is replaced by an incorrect type.
- Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types).
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Risk of Overheating

Never install the TV in a confined space. Always leave a space of at least 10 cm or 4 inches around the TV for ventilation. Ensure curtains or other objects never cover the ventilation slots on the TV.

Lightning Storms

Disconnect the TV from the power outlet and antenna before lightning storms.
During lightning storms, never touch any part of the TV, power cord or antenna cable.

Risk of Hearing Damage

Avoid using earphones or headphones at high volumes or for prolonged periods of time.

Low Temperatures

If the TV is transported in temperatures below 5°C or 41°F, unpack the TV and wait until the TV temperature reaches room temperature before connecting the TV to the power outlet.

Humidity

In rare occasions, depending on temperature and humidity, minor condensation can occur on the inside of the TV glass front (on some models). To prevent this, do not expose the TV to direct sunlight, heat or extreme humidity. If condensation occurs, it will disappear spontaneously while the TV is playing for a few hours. The condensation moisture will not harm the TV or cause malfunction.

21.2 Screen Care

- Never touch, push, rub or strike the screen with any object.
- Unplug the TV before cleaning.
- Clean the TV and frame with a soft damp cloth and wipe gently. Avoid touching the Ambilight* LEDs on the backside of the TV. Never use substances such as alcohol, chemicals or household cleaners on the TV.
- To avoid deformations and colour fading, wipe off water drops as quickly as possible.
- Avoid stationary images as much as possible. Stationary images are images that remain onscreen for extended periods of time. Stationary images include onscreen menus, black bars, time displays, etc. If you must use stationary images, reduce screen contrast and brightness to avoid screen damage.

* Ambilight LED is only for models which support Ambilight function.

22. Terms of Use

22.1 Terms of Use - TV

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The written material packaged with the TV and the manual stored in the memory of the TV or downloaded from the Philips website www.philips.com/TVsupport are believed to be adequate for the intended use of the system.
The material in this manual is believed adequate for the intended use of the system. If the product, or its individual modules or procedures, are used for purposes other than those specified herein, confirmation of their validity and suitability must be obtained. TP Vision warrants that the material itself does not infringe any United States patents. No further warranty is expressed or implied. TP Vision cannot be held responsible neither for any errors in the content of this document nor for any problems as a result of the content in this document.
Errors reported to Philips will be adapted and published on the Philips support website as soon as possible.
Terms of warranty - Risk of injury, damage to TV or void of warranty!
Never attempt to repair the TV yourself. Use the TV and accessories only as intended by the manufacturer. The caution sign printed on the back of the TV indicates risk of electric shock. Never remove the TV cover. Always contact Philips TV Customer Care for service or repairs. Find the telephone number in the printed documentation that came with the TV. Or consult our website www.philips.com/TVsupport and select your country if needed. Any operation expressly prohibited in this manual, or any adjustments and assembly procedures not recommended or authorised in this manual, shall void the warranty.
Pixel characteristics
This TV product has a high number of colour pixels. Although it has effective pixels of 99.999% or more, black dots or bright points of light (red, green or blue) may appear constantly on the screen. This is a structural property of the display (within common industry standards) and is not a malfunction. Therefore, please note this is not subjected to repair, exchange or refund within and/or out of the warranty period.
Backlight characteristics
All Philips TV have gone through stringent tests and checks before shipping to you. You can be rest assured that we place the quality of our TVs the utmost importance so that you do not suffer any viewing displeasure while watching your TV. However, please note that backlight bleeding (“Mura effect”) and /or unevenness of background light that can only be observed in dark images or in a very dark and dim room are considered to be within TV specifications. Such occurrences do not represent a deterioration nor shall be regarded as a defect of the TV. Hence, we regret that claims of this nature for warranty, free of charge service, replacement or refund cannot be accepted within and/or out of the warranty period.
TP Vision is committed to developing, producing and marketing products that cause no adverse health effects. TP Vision confirms that, as long as its products are handled properly for their intended use, they are safe to use according to scientific evidence available today. TP Vision plays an active role in the development of international safety standards, enabling TP Vision to anticipate further developments in standardisation for early integration in its products.

23. Copyrights

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23.2 HDMI

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

23.3 HEVC Advance

Covered by one or more claims of the HEVC patents listed at patentlist.accessadvance.com.
Future proof with advanced HEVC decoding

23.4 Dolby Vision and Dolby Atmos

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www.philips.com/welcome