



Television

7200 Series

User Manual

50PUS7210/40
55PUS7210/40
65PUS7210/40

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



This electrical and electronic product contains some hazardous substances. You may be safe to use it during the environment-friendly use period, and please hand it over to recycle system after environment-friendly use period exceeded.

Suggestive description of the Recycling Administrative Regulations for Waste Electrical and Electronics Products

In order to care and protect the Earth in a better way, please adhere to the national and applicable laws in relation to the recycling management of waste electrical and electronics products when the user no longer needs to use this product, or when it has reached the end of its product life.

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1 Caution

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Terms of warranty

- Risk of injury, damage to the TV or voided warranty! Never attempt to repair the TV yourself.
- Please only use the TV and accessories as set out by the manufacturer.
- The caution sign printed on the back of the TV indicates the risk of electric shock. Never remove the TV cover. Please contact Philips Customer Support if repairs are needed.
- Operations expressly prohibited in this manual, or any adjustments and assembly steps that are not recommended or authorised in this manual, are not within the scope of the warranty.

Pixel characteristics

This LCD/LED product has a high number of colour pixels. Although its proportion

of effective pixels is 99.999% or more, black dots or bright points of light (red, green or blue) may appear persistently on the screen. This is a structural property of the display (within common industry standards), and is not a fault.

Copyright



Covered by one or more claims of the HEVC patents listed at patentlist.accessadvance.com.

Future proof with advanced HEVC decoding.



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HIGH-DEFINITION MULTIMEDIA INTERFACE

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.

All other registered and unregistered trademarks are the property of their respective owners.

Services and/or software offered by third parties may be changed, suspended, or terminated without prior notice. TP Vision does not bear any responsibility in these sorts of situations.

2 Important

Please read and make sure you understand all instructions before using the TV.

Damage caused by a failure to follow the instructions is not covered by the warranty.

Safety

Risk of electric shock or fire!

- Never expose the TV to rain or water. Never place liquid containers (such as vases) next to the TV. If liquids are spilt on or inside the TV, disconnect the TV from the power supply immediately. Contact the Philips Customer Service Centre to have the TV checked before you use it again.
- Never place the TV, remote control or batteries near naked flames or other heat sources (including direct sunlight).

To avoid fire spreading, always keep candles or other naked flames away from the TV, remote control and batteries.



- Never insert any objects into the ventilation slots or other openings on the TV.
- Make sure that no strain is placed on the power cable when swivelling the TV. Strain on the power cable can loosen connections and cause arcing.
- The power plug of the TV must be disconnected to disconnect the TV from the mains supply. When you disconnect the power, always pull out the power plug, and never the cable. Ensure that the power plug, power cable and outlet socket are accessible at all times.

- The power plug is a disconnection device and should be kept so that it is easy to operate.

Risk of short circuit or fire!

- Never expose the remote control or batteries to rain, water or excessive heat.
- Avoid pulling the power plug. Loose power plugs can lead to arcing or fire.

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.
- When stand mounting the TV, use only the supplied stand. Secure the stand to the TV tightly. Place the TV on a flat, level surface that can support the combined weight of the TV and the stand.
- When wall mounting the TV, use only a wall mount that can support the weight of the TV. Secure the wall mount to a wall that can support the combined weight of the TV and wall mount. TP Vision Europe B.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- If you need to store the TV, disassemble the stand from the TV. Never lay the TV on its back with the stand installed.
- 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.
- Parts of this product may be made of glass. Handle with care to avoid injury and damage.

Stability Hazards!

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 immediate medical 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 4 inches or 10 cm around the TV for ventilation. Ensure curtains or other objects never cover the ventilation slots on the TV.

Risk of injury, fire or power cord damage!

- Never place the TV or any objects on the power cord.
- 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 matches room temperature before connecting the TV to the power outlet.

Screen care

- Avoid static images as much as possible. Static images are images that remain onscreen for extended periods. Examples include onscreen menus, black bars and time displays. If you must use static images, reduce the screen contrast and brightness to avoid screen damage.
- Unplug the TV before cleaning.
- Use a soft damp cloth to wipe the TV and frame. Never use substances such as alcohol, chemical products or household cleaners to clean the TV.
- Risk of damage to the screen! Never touch, push, rub or strike the screen with an object.
- Wipe off any water as quickly as possible to avoid deformation and discolouration.



Note

Static images may cause permanent damage to the TV screen.

- Do not display static images on LCD TV screens for longer than 2 hours, as this can cause ghosting onscreen. To prevent ghosting, reduce the brightness and contrast of the screen when displaying static images.
- Watching programmes in 4:3 format for extended periods may leave different marks on the left and right of the screen and the border of the

image. Therefore, avoid using this mode for prolonged periods.

- Displaying static images from video games and computers for extended periods may cause an afterimage and ghosting due to screen burn. Reduce the screen brightness and contrast accordingly when using the TV in this way.

Any afterimages, ghosting or marks displayed on the TV screen due to the causes mentioned above are not covered by the warranty.

Recycling



This product has been manufactured using high-performance materials and components that can be recycled and reused.



When the crossed-out wheeled bin symbol is attached to a product, the product is covered by European Directive 2012/19/EU. Familiarise yourself with your local separate collection system for electrical and electronic products.

Follow local regulations and do not dispose of your old products with normal household waste. Proper disposal of old products helps to prevent potential harm to the environment and human health.



This product contains batteries covered by European Regulation(EU) 2023/1542.

These batteries cannot be disposed of together with normal household waste. Educate yourself on local regulations covering the separate collection of batteries, as proper battery disposal helps to prevent harm to the environment and human health.

3 Home Screen

3.1 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 explore movies and shows from your services and popular apps using multiple indexes including Home, Apps, Collections and Search, 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 install 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


3.2 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 Two ways:

1 - Browse the  information home page on the home page.

2 - Press the  button on the remote control.

The dashboard contains the following features.

- Settings : Access all settings menus to adjust TV settings.
- Clock and screen saver : 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.
- Picture: Quick links to adjust image settings.
- NO NOTIFICATIONS: Provides you with TV system related
- Clear all: Press Clear all to delete all notifications.

3.3 Google TV and Basic TV

Functional differences

You can set your Google TV to basic TV mode or Google TV mode.

Basic mode only includes live TV and external devices (such as HDMI) functionality.

Google TV mode requires signing in with your Google Account and an Internet connection. Full mode gives you all the features of Basic mode, plus more Google personalization. Examples: movies and shows from your favorite streaming apps, personalized recommendations, and the Google Assistant that lets you search and control your TV using your voice.

Differences in home page screen

The homepage list of signal sources and the information homepage can be used to operate TV functions. The application column in the second column contains all.

3.4 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 **Back** or press **HOME** to return to the home screen.

4 Setting Up

4.1 Read the Safety Instructions

Read the safety instructions first before you use the TV.

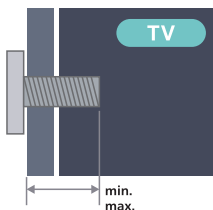
4.2 TV Stand and Wall Mounting

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

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



| | |
|-----|-------------------------|
| 50" | 200x200mm |
| 55" | 200x200mm |
| 65" | 300x200mm |
| 50" | Upper : M6 (L:9mm~10mm) |
| 50" | Lower : M6 (L:9mm~10mm) |
| 55" | Upper : M6 (L:9mm~11mm) |
| 55" | Lower : M6 (L:9mm~11mm) |
| 55" | Upper : M6 (L:9mm~11mm) |
| 55" | Lower : M6 (L:9mm~11mm) |



M : Machine screw



ST : Flat tail self-tapping 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 TV's weight. Also read the safety precautions before positioning the TV.

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.

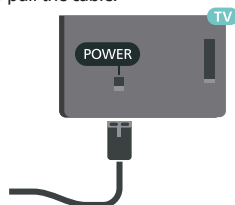
TP Vision Europe B.V. bears no responsibility for improper mounting or any mounting that results in accident or injury.

The distance between the wall mounting holes does not comply with the VESA standard.

This television is sold without a wall mount. Please purchase a compatible mount separately for installation.

4.3 Power Cable

- 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.

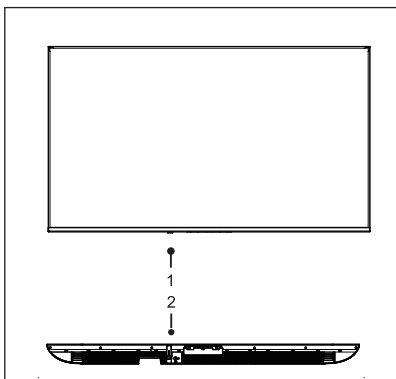


Although this TV has a very low standby power consumption, unplug the power cable to save energy if you do not use the TV for a long period of time.

5 Your TV

Congratulations on your purchase and welcome to Philips! To fully benefit from the support offered by Philips, please register your TV at www.philips.com/TVsupport.

Control panel



1. Indicator/remote signal receiving window.

2. ⏻ key:

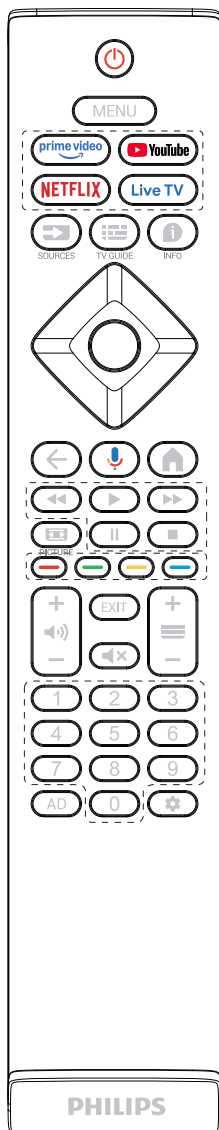
Entering power on or standby with the ⏻ key:

- When insert the power code plug into the electrical socket, you can press ⏻ key to turn on the TV.
- In the power-on state, press ⏻ key to turn off the TV.

Note

- Different models may have different appearances; please refer to the actual device.
- Please use the remote control for more operation.

Remote control

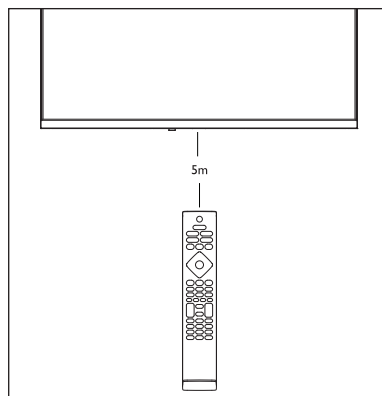


- ① **⏻ (Standby/On)**
Switch the TV on or to standby.
- ② **MENU**
 - To open the TV menu with typical TV functions (Channel, TV options).
 - Open the 'Settings' menu under the smart home page
- ③ **Access the application.**
Available apps may differ depending on the geographical area or contents provider.
- ④ **ℹ (INFO)**
Press to open the programme information screen.
- ⑤ **⏮ (TV GUIDE)**
Enable the EPG function.
- ⑥ **⬆ ⬇ ⬅ (Navigation buttons)**
 - Navigate through menus and select items.
 - In TV mode, press ▲/▼ to change channel.
- ⑦ **OK**
 - Confirm an entry or selection.
 - In TV mode, press this key to show channel list.
- ⑧ **🏠 (Home)**
Access the home page.
- ⑨ **⏮ ⏪ ⏩ ⏭ (PlayBack buttons)**
Control movie, music or photo.
- ⑩ **Color buttons**
 - Select tasks or options.
- ⑪ **+ ≡ - (Channel +/-)**
Changes channels.

- ⑫ **0-9 (Numeric buttons 0-9)**
Select channel.
- ⑬ **⚙️ Dashboard**
To launch Dashboard on side of screen to access Settings, picture, notifications and more.
- ⑭ **AD**
In DTV mode, access AD Switch menu.
- ⑮ **🔇 (Mute)**
Mute or restore audio.
- ⑯ **+ 🔊 - (Volume +/-)**
Adjust volume.
- ⑰ **EXIT**
Exit the menu or return to TV mode.
- ⑱ **🖼️ PICTURE**
Frame format
- ⑲ **⬅️ (Back)**
Return to the previous menu or exit from a certain function , and switch to the previous channel.
- ⑳ **🗣️ (Google Assistant™)**
To launch the Google Assistant™.
- ㉑ **📺 SOURCES**
Select connected devices .

Remote control usage

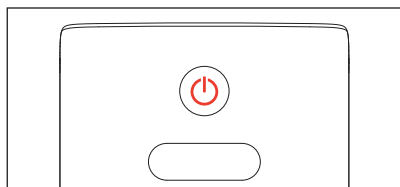
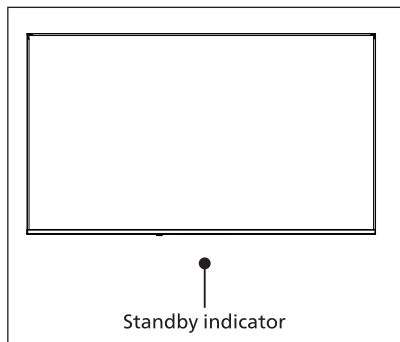
When you use the remote control, hold it close to the TV and point it at the remote control sensor. Make sure that the line-of-sight between the remote control and TV is not blocked by furniture, walls or other objects.




6 Use your TV

This section helps you to perform basic TV operations.


Switch the TV on or off



To switch on

- Plug in the power plug.
 - ↳ If the standby indicator lights up, press  (Standby-On) on the remote control.

To switch to standby

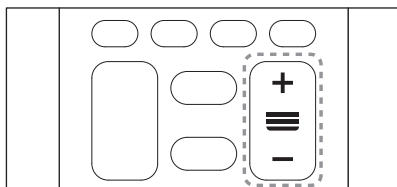
- Press  (Standby-On) on the remote control.
 - ↳ The standby indicator switches to light up.






Tip

- Though your TV consumes very little power when in standby mode, energy continues to be consumed. When not in use for an extended period of time, disconnect the TV power cable from the power outlet.

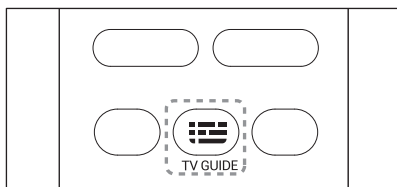
Switch channels







- Press **Channel control**   on the remote control.
- Enter a channel number using the numeric buttons on the remote control.
- Press  on the remote control to switch and return to the previous channel.

View installed channel

All available channels can be viewed in the channel list.



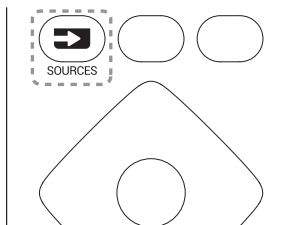
- 1  (TV GUIDE)
Enable the EPG function.
- 2 Press  /  to select channels and to browse the channel list.
- 3 Press **OK** to watch the selected channel.
- 4 Press  to switch and return to the last watched channel.


Watch connected devices

Note

- Switch on the device before selecting it as an external signal source.

Use the Souces button



- 1 Press  **SOURCES**,
↳ The source list appears.
- 2 Select a source.
 - Press ▼ and press ◀/▶ to select a device except TV.
 - Press ▶ and select **Watch TV**, then Press ▼. Press ◀/▶ to select TV source: Antenna, Cable.
- 3 Press **OK** to confirm.
↳ The TV switches to the selected device.

Smart TV

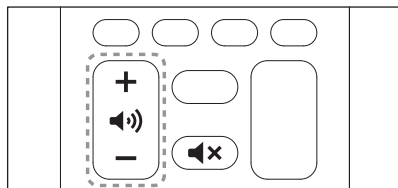
Press  to show the home page.

1. Press ◀/▶ key to select an application;
2. Press **OK** to run the application;
3. Press ← to return to the previous menu.

Note

- Before accessing the Internet, please connect your TV set to the Internet.



Adjust the TV volume



To increase or decrease volume

- Press Volume control **+**/**-** on the remote control.

To mute or unmute sound

- Press  (Mute).
- Press  again to restore the sound.

7 Connect Devices

7.1 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 high ultra-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 eARC

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

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

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



7.2 Home Theatre System-HTS

Connect using HDMI 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.

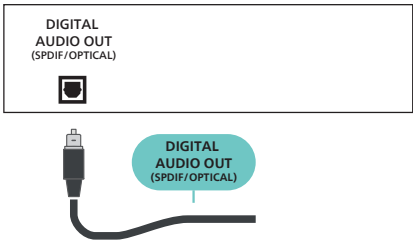
Audio and video synchronization (synchronization)

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.

7.3 Digital Audio Out-Optical/SPDIF

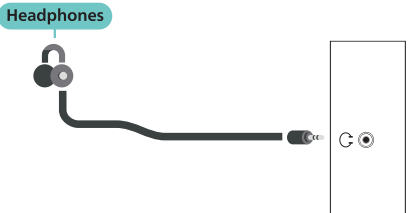
Audio Device

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 eARC 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.



Headphones

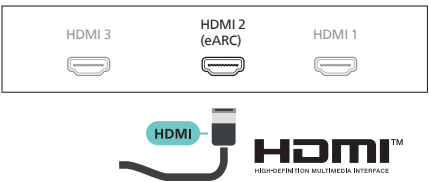
You can connect a set of headphones to the connector on the back of the TV. This connection device is a mini-jack 3,5 mm jack. You can additionally adjust the headphone volume.



7.4 Game Console

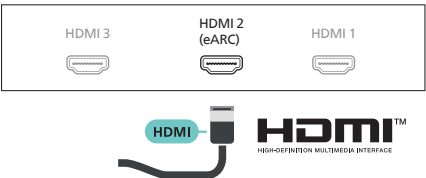
HDMI

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



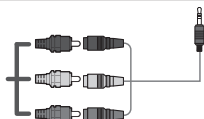
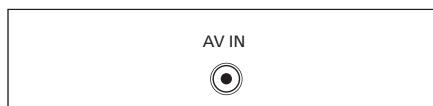
7.5 Video Camera

For best quality, use an HDMI cable to connect the camera to your TV.



7.6 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)

7.7 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.



USB Flash Drive

To view the files from the USB flash drive, press Home and click on the MMP(Multi Media Player) app icon to start the app.

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

7.8 Connecting TV

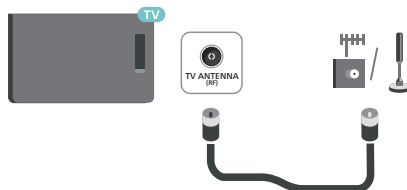
TV ANTENNA (RF)

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.

Use this antenna connection for DVB-T and DVB-C input signals.

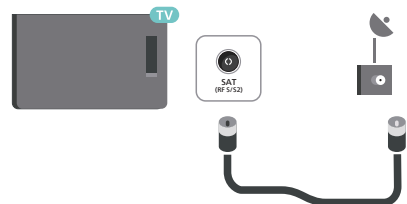
TV ANTENNA (RF)



SAT (RF S/S2)

Attach the satellite F-type connector to the satellite connection SAT at the back of the TV.

SAT (RF S/S2)



7.9 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 4096x2160p or 3840 x2160p, and uses RGB pixel format, the computer display card should be set to RGB 4:4:4 pixel format at Studio (limited RGB).

-If the display card output video is 2560x1440p 120Hz and uses RGB pixel format, the computer display card should be set to RGB 4:4:4 pixel format at PC standard (full RGB).

8 Connect your Google TV

8.1 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

⚙ Settings > Network & Internet > Wi-Fi > On/Off.

Make the Connection

⚙ Settings > Network & Internet > Wi-Fi > On/Off.

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 -Depending on the type of router, enter your encryption key -WPA2 or WPA3. If you have entered the encryption key for this network before, you can select OK to connect immediately.

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.

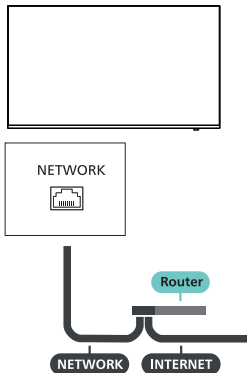
DHCP

- 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

⚙ Settings > Network & Internet > IP settings > Static.

Here you can view all current network settings, IP address gateway, network prefix length, DNS 1, DNS 2, etc.

Power on with Wi-Fi (WOWLAN)

Wake on LAN power

⚙ Settings > Network & Internet > Wake configs > WOW/WOL.

If the TV enters standby mode, you can use your smartphone or tablet to power on the TV. However, you must first turn on the Power on Wi-Fi or wired (WOW/WOL) setting.

8.2 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.

Sign 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 did not sign in during the first TV installation, you can always sign in later.

In home page, select Set up Google TV, and press OK, then follow the on-screen prompts.

After the TV is installed, log in:

Select ⚙ Settings > Accounts & sign-in, and press OK, then follow the on-screen prompts.

9 Settings menu

You can set up many TV-related functions in this project, please refer to the website electronic manual for specific functions.

Press  and select  Settings, then press OK. Or on home screen, press MENU.


- Set up Google TV
- Channels & inputs
- Display & Sound
- Network & Internet
- Accounts & Sign-in
- Privacy
- Apps
- System
- Remotes & Accessories
- Help & Feedback

10 Sources

Switch to a Device

In the Input Source list, you can switch to any connected device. You can switch to the tuner to watch TV, or play files from a connected USB flash drive. You can switch to a connected device to watch the program, such as a digital receiver or Blu-ray Displayer.








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.

11 Menu(TV)

Menu operation description

Press MENU to show the main menu on the screen:

- 1 - Press  (up)/  (down) key to select a menu from Channels, TV Options.
- 2 - Press  (left)/  (right) key to select an item in the menu.
- 3 - Press OK key to enter the sub menu.
- 4-Press  (up)/  (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.


12 Time and Language

12.1 Date and Time

 Settings > System > Date & Time.

12.2 Language

Change the language of TV menus and messages.

 Settings > System > Language.

Select the language used to display TV menus and messages

13 Power and Energy

 Set the Power on behavior

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.

14 Videos, Photos, Music

From a USB Connection

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 Media Player 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. This system supports USB 1.1 and USB 2.0 interface transmission protocols such as U disk and mobile hard disk
5. The maximum output current of the USB interface of this machine is 500mA. 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.

During playback, press the **INFO** key to display the menu options, select the corresponding menu, and press the OK key to confirm the operation. Users can press the EXIT key to exit playback, or press the **►/II/■/◄◄/►►** keys to perform shortcut operations.

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 Amazon Prime Video

When you become an Amazon Prime member, you can access thousands of popular movies and shows, including exclusive Prime Originals.

Press the **prime video** key on your remote control or the app icon to open the Amazon Prime Video app. Your TV must be connected to the Internet to use the application. For more information about Amazon Prime Video, please visit

www.primevideo.com.

17 Channels

17.1 Channel Scanning

Scan channels if it is the first time to use the product. Before scanning, please make sure that the antenna has been connected properly.




ATV scanning

After selecting ATV source, press **Settings** key, and select **Settings > Channels & inputs > Channels > Channel Scan**, then press OK key to enter.

Select Analogue Auto Scan, and press OK key, then the machine starts auto scanning.

Select Analogue Manual Scan, and press OK key. Set Program, Audio System, Color System, Frequency, and select start scan, then press OK key. Select Scan Up or Scan Down, and press OK key, the machine starts scanning.

DTV Scanning

After selecting Cable/Antenna source, press  key, and  select. Settings > Channels & Inputs > Channels > Channel Scan > Tuner Mode > Antenna/Cable, then press  key.

If the tuner mode is Antenna.

Select Antenna Auto Scan, and press OK key, then the machine starts auto scanning.


Select Antenna Manual Scan, and press OK key. Set Channel Number, Frequency (MHz), BandWidth(M), and select Start Scan, then press OK key, the machine starts scanning.

If the tuner mode is Cable.

Select Cable Auto Scan, and press OK key, Set scan Type, Frequency (MHz), Network ID, and select Start, then press OK key, the machine starts auto scanning.


Select Cable Manual Scan, and press OK key. Set Channel Number, Frequency (MHz), and select Start Scan, then press OK key, the machine starts scanning.

17.2 Time Shift Option

In DTV mode, press OK key, and select Channels > Start Time shift, then press OK key to turn on the time shift function. Press  key to stop and exit time-shift.

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.

17.3 REC Option

In DTV mode, press OK key, select channels > Start Recording. Press OK key to select recording time, then press OK key to start recording. In the process of recording, select Channels > REC(), then press OK key to save and exit recording.

Press OK key, then select Channels > Recorded Programs. Select the file that you want to play, and press OK key. Select Play recording, then press OK key to play it.

While playing, you can press  key to exit playing.

Note: Only the memorizer with FAT32 file system supports the recording function, Memorizer with other file systems need to be formatted; Before formatting memorizer, please back up useful data because the content of memorizer can not recover after formatting.

18 Specifications

18.1 Environmental Protection

Product card

50"/55"/65"

Power consumption in power-on mode (w): 74W/108W/130W

Standby power consumption (W) * : $\leq 0.5W$

Display resolution (pixels): 3840x2160p

*When the TV is turned off using the remote control and no functions are activated. Power consumption in full standby mode is $\leq 0.5 W$.

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.

18.2 Power

Product end of use

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

18.3 TV Type

Diagonal screen size

- 126cm / 50 inch
- 139cm / 55 inch
- 164cm / 65 inch

TV resolution

- 3840x2160 /50 inch
- 3840x2160 /55 inch
- 3840x2160 /65 inch

18.4 TV input Resolution

Supported Video only resolution

Resolution-Refresh rate

- 1080i-50Hz,60Hz

Supported Computer/Video resolution

Resolution-Refresh rate

- 720p-50Hz, 60Hz
- 1920x1080p, 60Hz
- 3840x2160p, 60Hz

18.5 Multimedia

Connections

- USB 2.0/USB 3.0
- Ethernet LAN RJ-45
- Wi-Fi 802.11ac,dual band.
- Bluetooth®

Supported USB file systems

- FAT32

Playback formats:

- Video Codecs: MPEG1, MPEG2, MPEG4, H.264, HEVC/H.265VP8,VP9, AV1
- Audio Codecs: MPEG1/2 Layer1, MPEG1/2 Layer2, MPEG1/2 Layer3, AC3, HE-AAC
- Image Codecs: JPEG, PNG, BMP, GIF, Webp
- Subtitles Formats Support: SRT, SMI, SSA, SUB, ASS, TXT

19. Help and Support

19.1 Register your TV

Go to www.philips.com / TV support to register your TV and enjoy many benefits, including full support (including file downloads), Get early access to new product news, exclusive offers and discounts, the chance to win prizes, and even the opportunity to participate in special surveys about new product releases.

19.2 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 start up 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.

19.3 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 "picture" 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 in correct

- 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.

19.4 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 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.

19.5 HDMI and USB

HDMI

- Please note that HDCP (High-bandwidth Digital Content Protection)support will take more time for the TV to display content from HDMI devices.
- If the TV cannot recognize the HDMI device and no picture is displayed, switch the input source to another device and then switch back.
- If the picture and sound of a device connected to HDMI is distorted, please connect the device to another HDMI port on the TV and restart the source device.
- If intermittent sound interruption occurs, please confirm that the output setting of the HDMI device is correct.
- If you are using an HDMI to DVI adapter or HDMI to DVI cable, please make sure there is an additional audio cable connected to the AUDIO IN (mini-jack jack only), if available.

19.6 Volume icon not showing

- If you use the TV remote control to adjust the device volume after connecting an HDMI-CEC audio device, this is normal. Photos, videos and music from USB device not showing
 - Make sure the USB storage device is configured to be compatible with the "Large Storage Class" as described in the storage device's documentation.
 - Please confirm that the USB storage device is compatible with the TV.
 - Please confirm that the TV supports the relevant audio and video file formats.
- USB file playback is not smooth
- The file transfer performance of the USB storage device may limit the data transfer rate to the TV, resulting in erratic playback.

19.7 Network

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.

- Refer to your wireless router's user manual for information on indoor range, transmission speed, and other factors that affect reception quality. The PC and internet connection are slow

19.8 DHCP

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

Bluetooth®

Unable to pair

Confirm that the device is in pairing mode. Please refer to the device's user manual.

- Wireless speakers should be as close as possible to the TV. Trying to pair multiple devices to the TV at the same time may not be successful.

Bluetooth®

Disconnected

Wireless speakers should always be located within 5 meters of the TV.

Audio and video synchronization

Before purchasing a wireless Bluetooth® speaker, please confirm the quality of its audio and video synchronization (commonly known as "mouth synchronization").

Not all Bluetooth® devices work correctly. Please consult your dealer for advice.

19.9 Online Help

Go to www.philips.com/TV support 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.

19.10 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/TV support 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.

20 Contact us

If you cannot resolve your problem, please refer to the FAQs for this model at

www.philips.com/TV support.

If the problem remains unresolved, please contact your local Philips Customer Service Centre.



Warning

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



Note

Please make a note of your TV model and serial number before you contact Philips Customer Service Centre. These numbers are printed on the back/bottom of the TV and on the packaging.

21 Warranty

English
Warranty

Indonesia
Jaminan

简体中文
保修

Malay
Waranti

Deutsch
Garantie

ไทย
การรับประกัน

繁體中文
保固

Français
Garantie

Tiếng Việt
Bảo hành

العربية
الضمان

English - Warranty

Dear Customer,
Thank you for purchasing this Philips product. For the Philips warranty applicable to this product, we refer you to the Philips website www.philips.com/guarantee. In the event you do not have an internet connection, please contact your local Philips Consumer Care Centre. Contact details are given in the Consumer Care Centres list hereafter.

Deutsch - Garantie

Sehr geehrter Kunde, wir beglückwünschen Sie zu Ihrer Entscheidung für dieses Produkt von Philips. Nähere Informationen zu der für dieses Produkt geltenden Philips Garantie finden Sie im Internet unter www.philips.com/guarantee. Die durch Philips gewährte Garantie beeinträchtigt in keiner Weise Ihre gesetzlichen Rechte. Sofern Sie keinen Zugang zum Internet haben, wenden Sie sich bitte an Ihr Philips Info-Center vor Ort. Die entsprechenden Kontaktdaten entnehmen Sie bitte der nachstehenden Liste.

Français - Garantie

Cher client,
Merci d'avoir acheté ce produit Philips. Pour connaître les conditions de garantie Philips applicables à ce produit, reportez-vous à la page www.philips.com/guarantee. Si vous ne possédez pas de connexion Internet, contactez votre Service Consommateurs Philips local. Vous trouverez les coordonnées de tous les Services Consommateurs dans la liste ci-après. Ces informations étaient correctes à la date d'impression. Pour des informations à jour, consultez la page www.philips.com/support.

Indonesia - Jaminan

Pelanggan yang terhormat,
Terima kasih telah membeli produk Philips. Untuk mendapatkan jaminan produk ini, kunjungi situs Web Philips di www.philips.com/guarantee. Jika Anda tidak memiliki sambungan Internet, hubungi Pusat Layanan Pelanggan Philips setempat. Rincian kontak tercantum dalam daftar Pusat Layanan Pelanggan.

ไทย - การรับประกัน

เรียนลูกค้า

ขอขอบคุณที่เลือกซื้อผลิตภัณฑ์ของ Philips สำหรับการรับประกันที่มีผลบังคับใช้กับผลิตภัณฑ์นี้ โปรดอ้างอิงเว็บไซต์ของ Philips www.philips.com/guarantee ในกรณีที่คุณไม่มีอินเทอร์เน็ต โปรดติดต่อศูนย์บริการลูกค้า Philips ประจำท้องถิ่นของคุณ รายละเอียดการติดต่อจะแสดงอยู่ในรายชื่อศูนย์บริการลูกค้าต่อไป

Tiếng Việt - Bảo hành

Kính gửi Quý khách hàng,
Cảm ơn quý vị đã mua sản phẩm Philips này. Để biết bảo hành của Philips có thể áp dụng cho sản phẩm này, chúng tôi xin giới thiệu trang web của Philips www.philips.com/guarantee. Trong trường hợp quý vị không có kết nối internet, vui lòng liên hệ với Trung tâm Chăm sóc Khách hàng của Philips tại địa phương. Chi tiết liên hệ được cung cấp trong danh sách Trung tâm Chăm sóc Khách hàng sau đây.

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