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40PFL3805D
32PFL5605D
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46PFL5605D
32PFL6605D
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46PFL6605D

EN User manual

PHILIPS

Contents

1	Notice	2
2	Important	3
3	Your TV	5
	Side controls and indicators	5
	Remote control	6
4	Use your TV	8
	Switch your TV on/off or to standby	8
	Switch channels	8
	Watch connected devices	9
	Adjust TV volume	9
	Use Ambilight	9
5	Use more of your TV	11
	Access TV menus	11
	Change picture and sound settings	11
	Change Ambilight settings	14
	Create and use lists of favorite channels	14
	Hide and show a channel	15
	Use the Electronic Program Guide	15
	Use timers	15
	Use child control	16
	Use the TV clock	16
	View photos, play music and watch video from a USB storage device	17
	Update the TV software	17
	Change TV preferences	18
	Start a TV demo	18
	Reset the TV to factory settings	19
	Display closed captions	19
6	Install channels	20
	Automatically install channels	20
	Rename channels	20

7	Connect devices	21
	Back connectors	21
	Bottom connectors	21
	Side connectors	21
	Connect a computer	21
	Use Philips EasyLink	22
	Use a Kensington lock	24
8	Product information	25
	Supported display resolutions	25
	Tuner/Reception/Transmission	25
	Multimedia	25
	Remote control	25
	Connections	25
	Power	25
	Supported TV mounts	26
	Product specification	26
9	Troubleshooting	27
	General TV issues	27
	TV channel issues	27
	Picture issues	27
	Sound issues	28
	HDMI connection issues	28
	Computer connection issues	28
	Contact us	28
10	Index	29

1 Notice

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Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly. 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. Philips warrants that the material itself does not infringe any United States patents. No further warranty is expressed or implied. Philips 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.

Pixel characteristics

This LCD product has a high number of color 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.

Warranty

No components are user serviceable. Do not open or remove covers to the inside of the product. Repairs may only be done by Philips Service Centres and official repair shops. Failure to do so shall void any warranty, stated or implied.

Any operation expressly prohibited in this manual, any adjustments, or assembly procedures not recommended or authorised in this manual shall void the warranty.

Compliance with EMF

Koninklijke Philips Electronics N.V. manufactures and sells many products targeted at consumers, which, like any electronic apparatus, in general have the ability to emit and receive electromagnetic signals.

One of Philips' leading Business Principles is to take all necessary health and safety measures for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.

Philips is committed to develop, produce and market products that cause no adverse health effects. Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.

Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardisation for early integration in its products.

Copyright



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2 Important

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

Safety

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 Consumer Care to have the TV checked before use.
- Never place the TV, remote control or batteries near naked flames or other heat sources, including direct sunlight. To prevent the spread of fire, keep candles or other flames away from the TV, remote control and batteries at all times.



- Never insert objects into the ventilation slots or other openings on the TV.
- When the TV is swiveled ensure that no strain is exerted on the power cord. Strain on the power cord can loosen connections and cause arcing.

Risk of short circuit or fire!

- Never expose the remote control or batteries to rain, water or excessive heat.
- Avoid force coming onto power plugs. Loose power plugs can cause 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 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. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.

Risk of injury to children!

Follow these precautions to prevent the TV from toppling over and causing injury to children:

- Never place the TV on a surface covered by a cloth or other material that can be pulled away.
- Ensure that no part of the TV hangs over the edge of the surface.
- Never place the TV on tall furniture (such as a bookcase) without anchoring both the furniture and TV to the wall or a suitable support.
- Educate children about the dangers of climbing on furniture to reach the TV.

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 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.

Risk of injury, fire or power cord damage!

- Never place the TV or any objects on the power cord.
- To easily disconnect the TV power cord from the power outlet, ensure that you have full access to the power cord at all times.
- When you disconnect the power cord, always pull the plug, never the cable.
- 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.

Low temperatures

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

Risk of hearing damage!

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

Screen care

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

Disposal of your old product and batteries



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

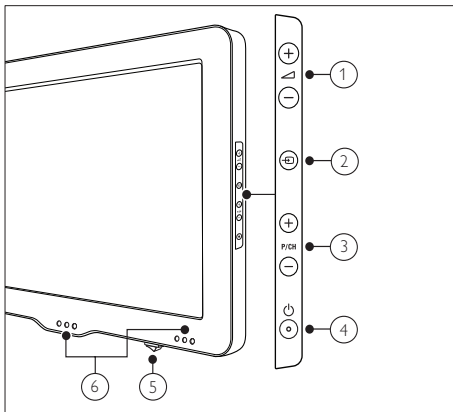
Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

3 Your TV

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

This section gives you an overview of commonly used TV controls and functions.

Side controls and indicators

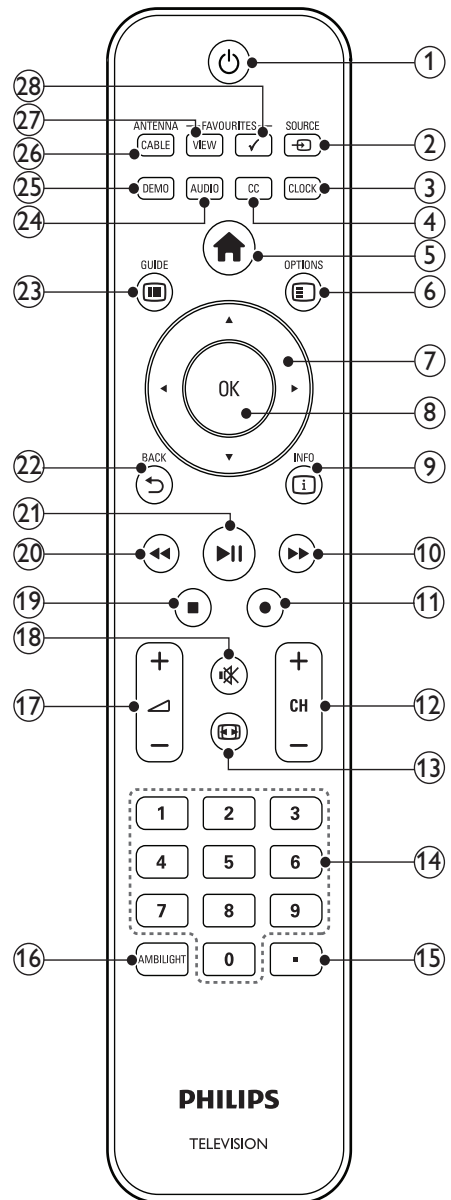


- ① +/-: Increases or decreases volume.
- ② : Selects connected devices.
- ③ P/CH +/-: Switches to the next or previous channel.
- ④ (Power button): Switches the TV on or off. (Available in selected models only)
- ⑤ Power switch: Switches the TV on or off. (Available in selected models only)
- ⑥ Ambient sensor/Standby indicator/Remote control sensor: The location varies depending on the model of your TV.

















Note

- Depending on the model of the TV, your TV has either the **Power button** or the **Power switch**.

Remote control

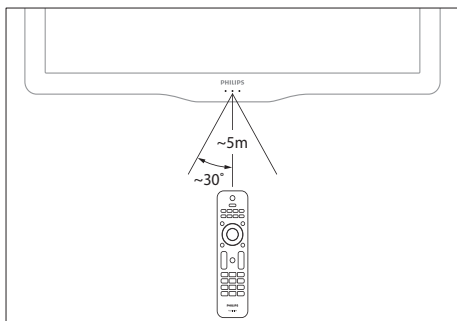


- ① (Standby-On)
 - Switches the TV to standby if it is on.
 - Switches on the TV if it is in standby.

- ②  **SOURCE**
Selects connected devices.
- ③ **CLOCK**
Displays the clock.
- ④ **CC**
Displays closed captions settings.
- ⑤  **(Home)**
Toggles the home menu on or off.
- ⑥  **OPTIONS**
Accesses options relating to the current activity or selection.
- ⑦  **(Navigation buttons)**
Navigates menus.
- ⑧ **OK**
Confirms an entry or selection and displays the channel grid, when watching TV.
- ⑨  **INFO**
Displays program information, if available.
- ⑩  **(Forward)**
Searches forward.
- ⑪  **(Record)**
Starts or stops video recording.
- ⑫ **CH +/- (Channel +/-)**
Switches to the next or previous channel.
- ⑬  **(FORMAT)**
Selects a picture format.
- ⑭ **0-9 (Numeric buttons)**
Selects a channel or setting.
- ⑮ **(.) Dot button**
Press the dot (.) for digital channels.
- ⑯ **AMBILIGHT**
Available in selected models. Switches Ambilight on or off.
- ⑰  **+/- (Volume +/-)**
Increases or decreases volume.
- ⑱  **(Mute)**
Mutes or restores volume.
- ⑲  **(Stop)**
Stops playback.
- ⑳  **(Backward)**
Searches backward.
- ㉑  **(Play/Pause)**
Starts, pauses or resumes playback.
- ㉒  **BACK**
Returns to a previous channel or menu screen.
- ㉓  **GUIDE**
Toggles the program guide on or off. For digital channels only.
- ㉔ **AUDIO**
Selects an audio language in digital mode or SAP in analog mode.
- ㉕ **DEMO**
Toggles the demonstration menu on or off.
- ㉖ **ANTENNA/CABLE**
Toggles between antenna and cable.
- ㉗ **FAVOURITES VIEW**
Displays a list of all channels marked as favorite.
- ㉘  **FAVOURITES**
Mark a channel as favorite.

Remote control usage

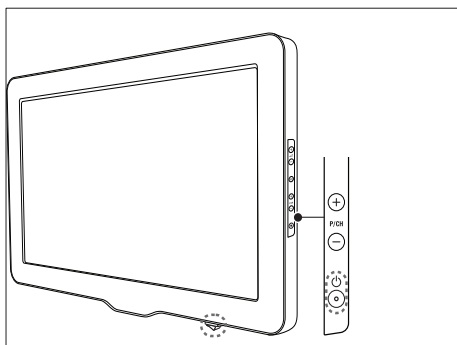
When using the remote control, hold it close to the TV and point it at the remote control sensor. Make sure that the line-of-site between the remote control and TV is not blocked by furniture, walls or other objects. The following illustration is an example only -- the location of the remote control sensor may differ on your TV:





4 Use your TV

This section helps you perform basic TV operations (see 'Use more of your TV' on page 11).


Switch your TV on/off or to standby




To switch on

- If the standby indicator is off, press  (**Power button**) at the side of the TV or the **Power switch** at the bottom of the TV.
- If the standby indicator is red, press  (**Standby-On**) on the remote control.

To switch to standby

- Press  (**Standby-On**) on the remote control.
➡ The standby indicator switches to red.

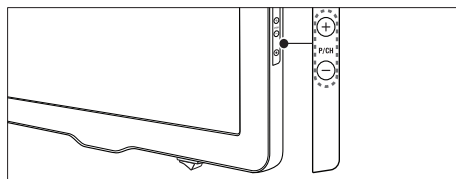
To switch off


- Press  (**Power button**) at the side of the TV or the **Power switch** at the bottom of the TV.
➡ The standby indicator switches off.

Tip

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

Switch channels



- Press  **BACK** on the remote control to return to the previously viewed channel.
- Press **CH +/-** on the remote control or **P/CH +/-** on the side of the TV.
- Press **OK** to use the channel matrix.
- Enter a channel number using the **Numeric buttons**.

Note

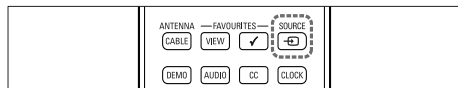
- When you use a favorite list, you can only select those channels in the list (see 'Select a favorite list' on page 999).

Note

- Digital channels can have both primary channels (like an analog channel) and subchannels (in which the channel number is suffixed with ".2" or ".3" to indicate a second or third program carried by the same station at the same time). To watch a digital channel with a subchannel, enter the primary channel number and press the dot (.) followed by the subchannel number. Alternatively, press **OK** to use the channel grid.
- The TV does not tune to digital subchannels if you press **CH +/-**.

Watch connected devices

Use the source button



- 1 Press **SOURCE**.
↳ The source list appears.
- 2 Press **▲** or **▼** to select the connected device.
- 3 Press **OK** to watch the connected device.

Use the home menu

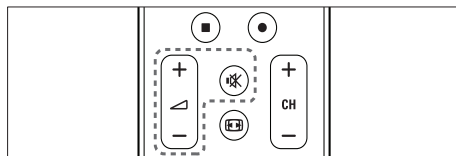
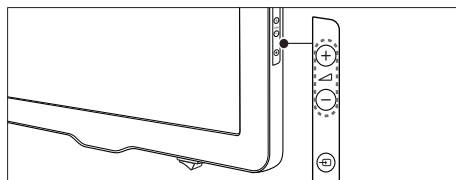


Note

- You can add new devices to the home menu for easy access.

- 1 Press **HOME**.
↳ The home menu appears.
- 2 Press **▲▼◀▶** to select the device.
- 3 Press **OK** to watch the connected device on your TV.

Adjust TV volume



To increase or decrease volume

- Press **+/−** on the remote control or at the side of the TV.

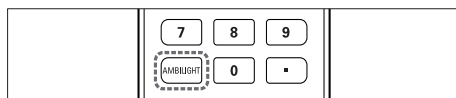
To mute or unmute sound

- Press **MUTE** to mute the sound.
- Press **MUTE** again to restore the sound.

Use Ambilight

Note

- Ambilight is available in selected models only.



- 1 Press **AMBILIGHT**.
↳ Ambilight switches on.
- 2 Press **AMBILIGHT** again to switch off Ambilight.

Tip

- When the TV is in standby mode, press **AMBILIGHT** to use Ambilight as a lounge light.
- Press and hold **AMBILIGHT** for at least three seconds to change colors.

Set Ambilight active mode

You can set the speed at which Ambilight responds to on-screen images.

- 1 Press and hold **AMBILIGHT** for at least three seconds.
↳ The **[Active mode]** bar appears.
- 2 Press **▲▼** to adjust the Ambilight responsiveness.
- 3 Press **↩ BACK** to exit.



Note

- You can only change the Ambilight active mode setting if Ambilight **[Colour]** is set to **[Active mode]**. More information about this and other advanced Ambilight features are available (see 'Change Ambilight settings' on page 14).

5 Use more of your TV

Access TV menus

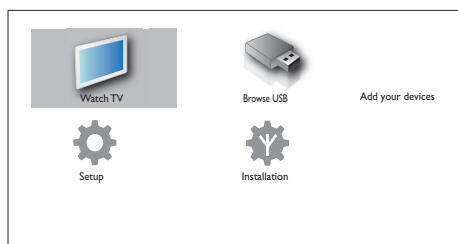
Menus help you to install channels, change picture and sound settings and access other features.

Access the home menu

The home menu gives you easy access to connected devices, picture and sound settings, and other useful features.



- 1 Press **⬆** (Home).
↳ The menu screen appears.



- 2 Press the **⬆** to select and navigate the following menus.
 - **[Watch TV]** : Switches back to the antenna source if another source is selected.
 - **[Setup]** : Accesses menus to change picture, sound and other settings.
 - **[Add your devices]** : Adds new devices to the home menu.

- **[Installation]** : Accesses the channel installation, clock, and child lock menus.
- **[Browse USB]** : Accesses flash drives.

3 Press **OK** to confirm your choice.

4 Press **⬆** (Home) to exit.



Tip

- After selecting **[Add your devices]**, follow the on-screen instructions to select the correct device and connector.

Remove devices from the home menu

If a device is no longer connected to the TV, remove it from the home menu.

- 1 Press **⬆** (Home).
- 2 Press **⬆** to select a device to remove.
- 3 Press **Ⓞ** **OPTIONS**.
- 4 Select **[Remove this device]**.
- 5 Press **OK**.

Change picture and sound settings

Change picture and sound settings to suit your preferences. You can apply pre-defined settings or change settings manually.

Use smart picture

Use smart picture to apply pre-defined settings.

- 1 Press **⬆** (Home).
- 2 Press **⬆⬇⬆** to select **[Setup] > [Smart settings]**.
- 3 Press **⬆** to select one of the following smart settings, and then press **OK**.
 - **[Personal]** : Applies settings that were customized in the picture and sound menu.
 - **[Vivid]** : Maximizes picture and sound settings.
 - **[Standard]** : Adjusts picture and sound settings to suit most environments and types of video.
 - **[Cinema]** : Applies picture and sound settings ideally suited for movie viewing.
 - **[Game]** : Applies picture and sound settings maximized for fast-moving games.
 - **[Energy saving]** : Applies low-energy picture and sound settings.
- 4 Press **OK** to confirm your choice.

Use settings assistant

Use the settings assistant to guide you through the best picture settings.

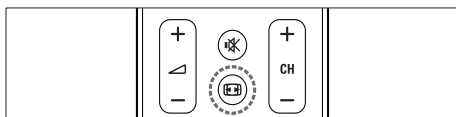
- 1 Press **⬆** (Home).
- 2 Press **⬆⬇⬆** to select **[Setup] > [Picture] > [Settings assistant]**.
- 3 Press **OK**.
 - ↳ The **[Settings assistant]** menu appears. Follow the on-screen instructions to choose your preferred picture settings.

Manually adjust picture settings

- 1 Press **⬆** (Home).
- 2 Press **⬆⬇⬆** to select **[Setup] > [Picture]**.
- 3 Press **⬆⬇⬆** to select from the following settings and adjust:
 - **[Contrast]** : Adjusts the intensity of bright areas, keeping dark areas unchanged.
 - **[Brightness]** : Adjusts the intensity and details of dark areas.
 - **[Colour]** : Adjusts color saturation.
 - **[Hue]** : Compensates for color variations.
 - **[Sharpness]** : Adjusts sharpness in the image.
 - **[Noise reduction]** : Filters and reduces noise in an image.
 - **[Tint]** : Compensates color variations in NTSC encoded transmissions.
 - **[Custom tint]** : Creates a customized tint setting. Appears only when you select **[Tint] > [Custom]**
 - **[Pixel Plus HD]** : Fine tunes each pixel to match surrounding pixels. This produces a brilliant, high-definition image.
 - **[HD Natural Motion]** : Reduces the field and line flicker and reproduces smooth movement especially in movies.
 - **[120Hz Clear LCD]** : Not available in all models. Sets the TV refresh rate to a maximum of 120Hz to provide superior motion sharpness, better black level, high contrast with a flicker free, quiet image and a larger viewing angle.
 - **[Advanced sharpness]** : Enables superior sharpness, especially lines and contours in the picture.
 - **[Dynamic contrast]** : Enhances contrast.
 - **[Dynamic backlight]** : Adjusts brightness of the TV backlight to match lighting conditions.
 - **[MPEG artefact reduction]** : Smooths out transitions on digital pictures. You can switch this feature on or off.

- **[Colour enhancement]** : Makes colors more vivid and improves the details in bright colors. You can switch this feature on or off.
- **[PC mode]** : Adjusts picture settings when a PC is connected to the TV.
- **[Light sensor]** : Adjusts settings dynamically to match lighting conditions. (Available in selected models only)
- **[Picture format]** : Changes the picture format.
- **[Auto format mode]**: Sets the picture format to automatically fill or automatically zoom into the screen. Appears only when you select **[Picture format]** > **[Auto format]**.
- **[Picture shift]** : Adjusts the position of the picture.(Appears only in VGA or CVI connection).

Change picture format



- 1 Press **FORMAT**.
↳ A picture format bar appears.
- 2 Press **▲▼** to select a picture format.
↳ The selected picture format is activated.
- 3 Press **OK** to confirm your choice.

Summary of picture formats

The following picture settings can be configured.



Note

- Depending on the format of the picture source, some picture settings are not available.



[Auto format](Not for PC mode.) Enlarges the picture automatically to best fit the screen. The subtitles remain visible.



[Super zoom](Not for HD and PC mode.) Removes the black bars on the side of 4:3 broadcasts. There is minimal distortion.



[Movie expand 16:9](Not for HD and PC mode.) Scales 4:3 format to 16:9.



[Wide screen]Scales 4:3 format to 16:9.



[Unscaled]For HD and PC mode only, and in selected models only. Allows maximum sharpness. Some distortion may be present due to the broadcaster's systems. Set your PC resolution to wide screen mode for best results.

Manually adjust sound settings

- 1 Press **⬆** (Home).
- 2 Press **▲▼◀▶** to select **[Setup]** > **[Sound]**.
- 3 Press **▲▼◀▶** to select and adjust:
 - **[Bass]** : Adjusts the bass level.
 - **[Treble]** : Adjusts the treble level.
 - **[Volume]** : Adjusts the volume.
 - **[Alternate audio]** : (Analog channels only). Selects alternate audio.
 - **[Mono/Stereo]** : Selects mono or stereo if stereo broadcast is available.
 - **[TV speakers]** : Turns on or off TV speakers. If **[Automatic (EasyLink)]** is selected, the TV speakers are switched off when content from an EasyLink-compliant home theater system is detected.
 - **[Surround]** : Enables spatial sound.
 - **[Delta volume]** : Corrects volume differences between TV channels and connected devices (switch to your connected device when adjusting **[Delta volume]**).
 - **[Balance]** : Adjusts the balance of the right and left speakers.
 - **[Auto volume leveling]** : Automatically reduces sudden volume changes, for example, when switching channels.

Change Ambilight settings

You can adjust Ambilight color, brightness, and mode to your taste.



Note

- Ambilight is available in selected models only.

- 1 Press **⬆** (Home).
- 2 Press **▲▼◀▶** to select **[Setup]** > **[Ambilight]** and press **OK**.
- 3 Press **▲▼◀▶** to select and adjust an Ambilight setting:
 - **[Ambilight]** : Turns Ambilight on or off.
 - **[Active mode]** : Sets an Ambilight setting between relaxed and dynamic levels. This feature is only available when Ambilight **[Colour]** is set to **[Active mode]**.
 - **[Brightness]** : Changes the light output from Ambilight.
 - **[Colour]** : Selects a predefined color setting or a customized color setting.
 - **[Custom colour]** : Allows fine tuning of predefined colors.
 - **[Separation]** : Sets the difference in Ambilight color level between the sides of the TV. Setting this feature off gives a dynamic, uniform Ambilight color.
- 4 Press **⬆** (Home) to exit.

Create and use lists of favorite channels

You can create lists of your preferred TV channels so that you can find those channels easily.

Note

- Digital radio stations can also be added to favorite lists, if supported.

Press **FAVOURITES VIEW** to view the favorites list.

Add a channel to a favorite list

Tip

- View all channels before adding a channel to a favorite list.

- 1 When watching TV, press **OK** to display the channel grid.
- 2 Press **▲▼◀▶** to select the channel to be added to the favorites list.
- 3 Press **✓FAVOURITES**.
 ↳ The channel is added to the favorites list.

Remove a channel from a favorite list

- 1 When watching TV, press **OK** to display the channel grid.
- 2 Press **▲▼◀▶** to choose the channel that you wish to remove from the favorites list.
- 3 Press **☰OPTIONS**.
- 4 Press **▲▼** to select **[Unmark as favourite]**.
- 5 Press **OK**.
 ↳ The channel is removed from the favorites list.

Hide and show a channel

- 1 When watching TV, press **OK** to display the channel grid.
- 2 Press **▲▼◀▶** to choose the channel that you wish to hide.
- 3 Press **☰OPTIONS**.
- 4 Press **▲▼** to select **[Hide channel]**.
- 5 Press **OK**.
 ↳ The channel is now hidden.

Note

- Select **[Show hidden channels]** to show the channel in the channel grid.

Use the Electronic Program Guide

EPG is an on-screen guide available for digital channels. EPG allows you to:

- View a list of digital programs being broadcast
- View upcoming programs
- Group programs by genre
- Set reminders when programs start
- Setup preferred EPG channels

Switch on EPG

- 1 When watching TV, press **☰GUIDE**.
 ↳ The EPG planner screen appears displaying information about the scheduled programs.

Note

- EPG data is available only in selected countries and can take some time to load.

Use the EPG options menu

Use the EPG options menu to set or clear reminders, change day and access other useful EPG options.

- 1 Press **GUIDE**.
- 2 Press **OPTIONS**.
↳ The EPG menu appears.
- 3 Press to select one of the following options.
 - **[Set reminder]/ [Clear reminder]**
 - **[Change day]**
 - **[Search by genre]**
 - **[Scheduled reminders]**
 - **[Preferred channels]**
- 4 Press **BACK** to exit the EPG menu.



Tip

- Press **GUIDE** to switch between EPG and channel grid.

Use timers

You can set timers to switch the TV to standby at a specified time.

Automatically switch the TV to standby (sleep timer)

Sleep timer switches the TV to standby after a pre-defined period of time.



Tip

- You can always switch off your TV earlier or reset the sleep timer during the countdown.

- 1 Press (Home).
- 2 Press to select **[Setup]** > **[Features]** > **[Sleeptimer]**.
- 3 Press **OK** or .
- 4 Press to select a value between zero and 180 minutes.
↳ If set to zero minutes, the sleep timer is switched off.

- 5 Press **OK** to activate the sleep timer.
↳ The TV switches to standby after the specified time.

Use child control

You can prevent your children from watching certain programs or certain channels by locking the TV controls and by using ratings.

Set or change your PIN code

- 1 Press (Home).
- 2 Press to select **[Installation]** > **[Child lock]** > **[Set code]** or **[Change code]**.
- 3 Enter the code with the **Numeric buttons**.
↳ A message appears confirming that your code is created or changed.



Tip

- If you forget your code, enter '8888' to override any existing codes.

Use age ratings lock

- 1 Press (Home).
- 2 Press to select **[Installation]** > **[Child lock]** > **[Age ratings lock]**.
- 3 Press .
- 4 Key in your PIN code.
- 5 Select an age group from the list.
- 6 Press **OK** to activate.

Use content ratings lock

- 1 Press (Home).
- 2 Press to select **[Installation]** > **[Child lock]** > **[Content ratings lock]**.
- 3 Press .
- 4 Key in your PIN code.
- 5 Select a content classification from the list.

Use the TV clock

You can display a clock on the TV screen. The clock displays the current time using time data received from your TV service operator.

When watching TV, press **CLOCK**.

→ The clock is displayed.

Change the clock mode

- 1 Press **▲** (Home).
- 2 Press **▲▼◀▶** to select **[Installation]** > **[Clock]** > **[Auto clock mode]**.
- 3 Select **[Automatic]** or **[Manual]**.

Change the time zone

- 1 Press **▲** (Home).
- 2 Press **▲▼◀▶** to select **[Installation]** > **[Clock]** > **[Time zone]**.
- 3 Select an increment value.

Set the date

- 1 Press **▲** (Home).
- 2 Press **▲▼◀▶** to select **[Installation]** > **[Clock]** > **[Date]**.
- 3 Use the numeric buttons to enter the date.
- 4 Select **[Done]**.
- 5 Press **OK**.

Set the time

- 1 Press **▲** (Home).
- 2 Press **▲▼◀▶** to select **[Installation]** > **[Clock]** > **[Time]**.
- 3 Use the numeric buttons to enter the date.
- 4 Select **[Done]**.
- 5 Press **OK**.

View photos, play music and watch video from a USB storage device

Your TV is fitted with a USB connector that enables you to view photos, listen to music or watch movies stored on a USB storage device.

Supported file formats

Pictures	JPEG (non-progressive only)
Music	MP2, MP3
Video	MPEG, MP4



Note

- Philips is not responsible if the USB storage device is not supported nor is it responsible for damage or loss of data from the device.
- Only FAT or DOS-formatted USB storage devices are supported. File names must not exceed 128 characters.
- Your TV only supports USB flash drives in FAT/FAT32 format. It does not support other devices that can be connected to the USB port including but not limited to the following: portable storage devices such as external hard drives and mini hard drives, MP3 player, digital camera, phone, portable video player, portable multimedia player.
- The capacity of the USB storage device must not exceed 32 gigabytes.
- The file size of all supported formats must not exceed 4 gigabytes.

- 1 Connect a USB storage device to the USB port on the side of the TV.
- 2 Select **[Browse USB]**.
- 3 Press **▲▼◀▶** to navigate through the folder hierarchy on the USB storage device.
- 4 Select a file and press **OK**.
- 5 Use **▶II**, **■**, **◀◀**, or **▶▶** to control play.



Note

- Press **⏻** **OPTIONS** to display options for viewing photos, playing music, and watching videos.

Update the TV software

Philips continuously tries to improve its products and we recommend that you update the TV software when updates are available. Check www.philips.com/support for availability.

Prepare for the software upgrade

You can update the TV software in the following ways. Before you perform this procedure, make sure you have:

- Enough time to complete the entire update.
- A USB storage device with at least 64MB of storage space.
- Access to a computer with a USB port and internet access.



Warning

- Do not remove the USB device during the software upgrade.
- If there is a power drop during the upgrade, do not remove the USB device from the TV. The TV continues the upgrade as soon as the power comes back.
- If you try to upgrade to a software version lower than the current version, a confirmation message is displayed. Downgrade to older software only in case of real necessity.
- If an error occurs during the upgrade, retry the procedure or contact your dealer.

Update TV software (from internet)

You can update the TV software by downloading the software from web.

Step 1 : Download the software

- 1 On your PC, open a web browser and go to www.philips.com/support.
- 2 Download the latest software upgrade file to your PC.
- 3 Decompress the ZIP-file.
- 4 Copy the `autorun.upg` file to the root directory of the USB device.

Step 2 : Update the TV software

The downloaded software on the USB storage device must now be uploaded on your TV.

- 1 Turn on the TV.
- 2 Connect the USB storage device to the TV.
 - ↳ When the software update is complete, a prompt appears on your screen.



Note

- Do not switch off the TV with the power button or the remote control.

- 3 Restart the TV when the software update is complete.
 - ↳ The TV starts automatically, using the new software.

Update TV software (from local broadcast)

You can update the TV software from local updates received by your TV.

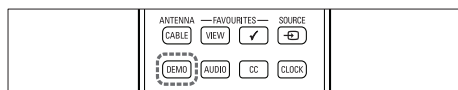
- 1 Press **⬆** (Home).
- 2 Select **[Setup] > [Software update] > [Local updates]**.
- 3 Connect the USB storage device to your computer.
- 4 Follow the on-screen instructions to complete the update.

Change TV preferences

- 1 Press **▲** (Home).
- 2 Select **[Setup] > [Configuration] > [Preferences]**.
 - **[Location]** : Optimizes TV settings for your location - home or shop.
 - **[Volume bar]** : Displays the volume bar when you adjust the volume.
 - **[Channel information size]** : Displays information about the TV channel every time you switch channels.
 - **[EasyLink]** : Enables one-touch play and one-touch standby between EasyLink-compliant devices.
 - **[EasyLink Remote Control]** : Enables remote control key forwarding.
 - **[Pixel Plus link]** : Overrides the settings of connected devices and uses the settings of the TV.

Start a TV demo

You can use demonstrations to better understand the features of your TV. Some demos are not available on certain models. Available demos are displayed in the menu list.



- 1 Press **DEMO** on the remote control.
- 2 Press **▲▼** to select a demo and press **OK** to view it.
- 3 Press **DEMO** to exit.

Reset the TV to factory settings

You can restore the default picture and sound settings of your TV. The channel installation settings remain the same.

- 1 Press **▲** (Home).
- 2 Select **[Setup] > [Configuration] > [Factory reset]**.
- 3 Press **OK**.

Display closed captions

The caption service displays transmitted CC text. The caption text can be displayed permanently or only when the TV is muted.



Note

- Not all TV programs and commercials include closed caption information.
- Refer to the TV program listings in your area for the TV channels and closed caption information. The captioned programs are usually noted in the TV listings with service marks such as 'CC'.

- 1 When watching TV, press **⏏** **OPTIONS**
- 2 Press **▲▼** to select **[Caption service]** and press **OK**.
 - ↳ This displays the different types of closed caption text.
- 3 Press **▲▼◀▶** to select the correct type of closed caption and press **OK**.
- 4 Press **CC**.
- 5 Press **▲▼** to display or turn off the closed caption text.
- 6 Press **OK** to confirm.

6 Install channels

The first time you setup your TV, you are prompted to select a menu language and to install TV and digital radio channels (if available). This chapter provides instructions on how to re-install and fine tune channels.

Automatically install channels

This section describes how to search and store channels automatically.

- 1 Press **⬆** (**Home**).
- 2 Select **[Installation] > [Channel installation] > [Automatic installation]**.
- 3 Select **[Start]** and press **OK**.
- 4 Follow the on-screen instructions to install channels.

Rename channels

You can rename channels. The name appears when you select the channel.

- 1 When watching TV, press **OK** to display the channel grid .
- 2 Select the channel you want to rename.
- 3 Press **⏻** **OPTIONS**.
↳ The channel options menu appears.
- 4 Press **▲▼◀▶** to select and enter **[Rename]**.
↳ A text input box appears.
- 5 Press **◀▶** or **Numeric buttons** to edit the name, then press **OK**.
- 6 Select **[Done]** and press **OK**.

7 Connect devices

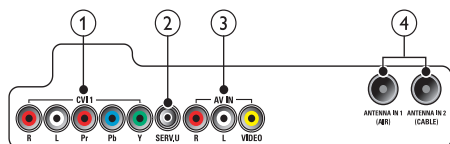
This section describes how to connect devices with different connectors. Examples are provided in the Quick Start.



Note

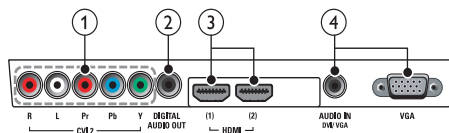
- You can use different types of connectors to connect a device to your TV.

Back connectors



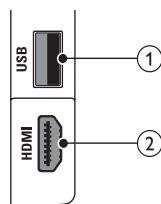
- CVI 1 (Y Pb Pr and AUDIO L/R)**
Analog audio and video input from analog or digital devices such as DVD players or game consoles.
- SERV. U**
For use by service personnel only.
- AV IN (VIDEO and AUDIO L/R)**
Analog audio and video input from analog or digital devices such as DVD players, satellite receivers and VCRs.
- ANTENNA**
Signal input from an antenna, cable or satellite.

Bottom connectors



- CVI 2 (Y Pb Pr and AUDIO L/R)**
Analog audio and video input from analog or digital devices such as DVD players or game consoles.
- DIGITAL AUDIO OUT**
Digital audio output to home theaters and other digital audio systems.
- HDMI**
Digital audio and video input from high-definition digital devices such as Blu-ray players.
- VGA and AUDIO IN**
Audio and video input from a computer.

Side connectors



- USB**
Data input from USB storage devices.
- HDMI**
Digital audio and video input from high-definition digital devices such as Blu-ray players.

Connect a computer

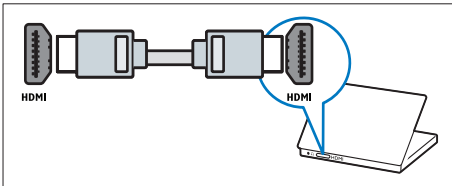
- Before you connect a computer to the TV, set the monitor refresh rate on your computer to 60Hz.
- Connect your computer to the TV.
- Press **[FORMAT]** and change the TV picture format to **[Unscaled]**.

Connect a computer with one of the following connectors:

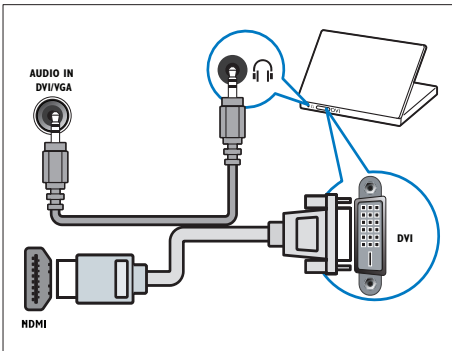
Note

- Connections via DVI or VGA require an additional audio cable.

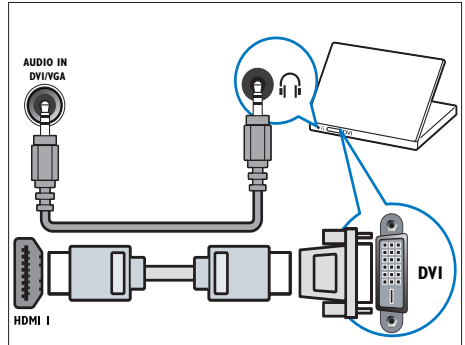
- HDMI cable



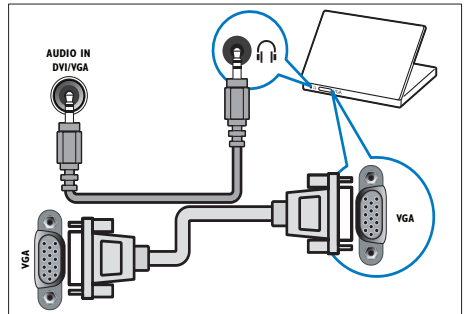
- DVI-HDMI cable



- HDMI cable and HDMI-DVI adaptor



- VGA cable



Use Philips EasyLink

Your TV supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI connectors can be controlled by a single remote control.



Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.



Note

- The EasyLink-compliant device must be switched on and selected as the source.

EasyLink features

One-touch play

When you connect your product to devices that support one-touch play, you can control your product and the devices with one remote control. For example, when you press Play on your DVD remote control, your TV automatically switches to the correct channel to show the DVD content.

One-touch standby

When you connect your TV to devices that support standby, you can use your TV remote control to put your TV and all connected HDMI devices in standby mode.

System audio control

When you connect your TV to HDMI CEC compliant devices, your TV can switch automatically to play audio from the connected device.

To use one-touch audio, you must map the audio input from the connected device to your TV.

You can use the remote control from the connected device to adjust the volume.

Remote control (RC) key forwarding

RC key forwarding allows you to control EasyLink-compliant devices using your TV remote control.

EasyLink buttons

You can control EasyLink-compliant devices with the following buttons on the remote control of your TV.

Button	EasyLink function
▶ (Play/Pause)	Starts, pauses or resumes playback on your EasyLink device.
■ (Stop)	Stops playback on your EasyLink device.
● (Record)	Starts or stops video recording on your EasyLink device.
◀◀ (Fast Backward)	Searches backward.
▶▶ (Fast Forward)	Searches forward.
0-9 (Numeric buttons)	When EasyLink is enabled, selects a title, chapter or track.
▲▼◀▶	Navigates through the menus of the EasyLink-compliant device.
OK	Activates a selection or accesses the menu of the EasyLink-compliant device.
☰ (OPTIONS)	Displays the menus of the EasyLink-compliant device. Note that when ⬆ (Home) is pressed, the TV menu is displayed.
⏻ (Standby-On)	When EasyLink is enabled, switches the TV and all EasyLink devices to standby. Press and hold ⏻ (Standby-On) for at least 3 seconds.



Tip

- Press **ANTENNA/CABLE** to switch back to the antenna source from EasyLink mode.

Enable or disable EasyLink



Note

- Do not enable Philips EasyLink if you do not intend to use it.

- 1 Press **⬆** (Home).
- 2 Press **⬆** **⬇** **⬆** to select **[Setup]** > **[Configuration]** > **[Preferences]** > **[EasyLink]**.
- 3 Select **[On]** or **[Off]**.

Enable or disable remote control key forwarding

- 1 Press **⬆** (Home).
- 2 Press **⬆** **⬇** **⬆** to select **[Setup]** > **[Configuration]** > **[Preferences]** > **[EasyLink Remote Control]**.
- 3 Select **[On]** or **[Off]**.

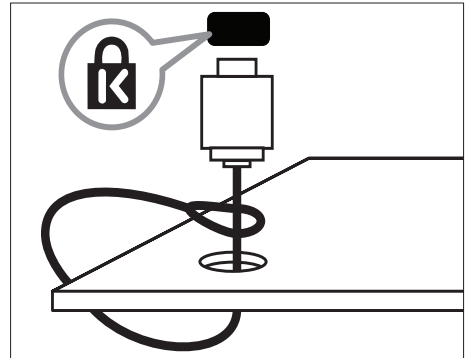
Set TV speakers to EasyLink mode

When you play content from an EasyLink compliant home theater, the TV speakers are automatically muted.

- 1 Press **⬆** (Home).
- 2 Press **⬆** **⬇** **⬆** to select **[Setup]** > **[Sound]** > **[TV speakers]**.
- 3 Select **[Automatic (EasyLink)]**.
↳ TV speakers are set to EasyLink mode.

Use a Kensington lock

There is a Kensington security slot under the TV. Prevent theft by looping a Kensington lock between the slot and a permanent object, such as a heavy table.



8 Product information

Product information is subject to change without notice. For detailed product information, go to www.philips.com/support.

Supported display resolutions

Computer formats (HDMI/VGA)

Resolution	Refresh rate (Hz)
640 × 480	60
800 × 600	60
1024 × 768	60
1280 × 1024	60
1360 × 768	60
1920 × 1080	60

Video formats (HDMI/YPbPr)

Resolution	Refresh rate (Hz)
720 × 480i	60
720 × 576i	50
720 × 480p	60
720 × 576p	50
1280 × 720p	50, 60
1920 × 1080i	50, 60
1920 × 1080p	24, 25, 30, 50, 60

Tuner/Reception/Transmission

- Antenna input: 75ohm coaxial (F type)
- TV system: PAL M, PAL N, NTSC M, SBTVD
- Video playback: NTSC, PAL

Multimedia

- Connection: USB
- Playback formats: MP4, JPEG, MP3

Container	Video Codec	Audio Codec	File extension
AVI	MPEG 4 SP, MPEG 4 ASP, MP4S, MP4V	MPEG Layer 2/3, AC3	.avi
mpeg	MPEG-1	MPEG 1 Layer 2	.mpg, .mpeg
mpeg4	MPEG-4 AVC (h264, L2-CIF), MPEG-4 AVC (h264, L4-HD)	AAC-LC	.mp4

Remote control

- Batteries: 2 × AAA (R03 type)

Connections

- TV antenna
- AV in
- YPbPr: Component video (CVI in)
- VGA in
- HDMI
- VGA Audio in
- USB
- Service connector
- Digital Audio Out

Power

- Mains power: AC 110-240 (50-60Hz)
- Standby power: < 0.15W
- Ambient temperature: 5 to 35 degrees Celsius

Supported TV mounts

To mount the TV, purchase a Philips TV mount. To prevent damage to cables and connectors, be sure to leave a clearance of at least 2.2 inches or 5.5cm from the back of the TV.



Warning

- Follow all instructions provided with the TV mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper TV mounting that results in accident, injury or damage.

TV model number	VESA-compatible wall bracket type	Screw size
32PFL3805D	200 x 100 mm	M6
40PFL3805D	300 x 200 mm	M6
32PFL5605D	200 x 200 mm	M6
32PFL6605D		
40PFL5605D		
42PFL5605D		
46PFL5605D	300 x 300 mm	M8
46PFL6605D		

Product specification

Design and specifications are subject to change without notice.

32PFL3805D

- Without TV stand
 - Dimension (WxHxD): 795 x 512 x 83 (mm)
 - Weight: 8.7 kg
- With TV stand
 - Dimension (WxHxD): 795 x 557 x 221 (mm)
 - Weight: 10.1 kg

40PFL3805D

- Without TV stand
 - Dimension (WxHxD): 986.2 x 620.5 x 83.1 (mm)
 - Weight: 12 kg
- With TV stand
 - Dimension (WxHxD): 986.2 x 666.5 x 236.4 (mm)
 - Weight: 14 kg

32PFL5605D

32PFL6605D

- Without TV stand
 - Dimension (WxHxD): 790 x 501.3 x 92 (mm)
 - Weight: 10 kg
- With TV stand
 - Dimension (WxHxD): 790 x 542.4 x 221.4 (mm)
 - Weight: 11.5 kg

40PFL5605D

40PFL6605D

- Without TV stand
 - Dimension (WxHxD): 977 x 605 x 86 (mm)
 - Weight: 13.7 kg
- With TV stand
 - Dimension (WxHxD): 977 x 649 x 236 (mm)
 - Weight: 16.1 kg

46PFL5605D

46PFL6605D

- Without TV stand
 - Dimension (WxHxD): 1122 x 685 x 87 (mm)
 - Weight: 17.9 kg
- With TV stand
 - Dimension (WxHxD): 1122 x 731 x 268 (mm)
 - Weight: 21.3 kg

9 Troubleshooting

This section describes commonly encountered issues and accompanying solutions.

General TV issues

The TV does not switch on:

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

The remote control is not working properly:

- Check that the remote control batteries are correctly inserted according to the +/- orientation.
- Replace the remote control batteries if they are flat or weak.
- Clean the remote control and TV sensor lens.

The standby light on the TV blinks red:

- Disconnect the power cable from the power outlet. Wait until the TV cools down before reconnecting the power cable. If the blinking reoccurs, contact Philips Consumer Care.

You forgot the code to unlock the child lock feature

- Enter '8888'.

The TV menu is in the wrong language.

- Change the TV menu to your preferred language.

When turning the TV on/off/to standby, you hear a creaking sound from the TV chassis:

- No action is required. The creaking sound is normal expansion and contraction of the TV as it cools and warms up. This does not impact performance.

TV channel issues

Previously installed channels do not appear in the channel list:

- Check that the correct channel list is selected.

No digital channels were found during the installation:

- Check that you have the digital TV subscription. Contact your digital TV service provider.

Picture issues

The TV is on, but there is no picture:

- Check that the antenna is properly connected to the TV.
- Check that the correct device is selected as the TV source.

There is sound but no picture:

- Check that the picture settings are correctly set.

There is poor TV reception from an antenna connection:

- Check that the antenna is properly connected to the TV.
- Loud speakers, unearthed audio devices, neon lights, high buildings and other large objects can influence reception quality. If possible, try to improve the reception quality by changing the antenna direction or moving devices away from the TV.
- If reception on only one channel is poor, fine tune this channel.

There is poor picture quality from connected devices:

- Check that the devices are connected properly.
- Check that the picture settings are correctly set.

The TV did not save your picture settings:

- Check that the TV location is set to the home setting. This mode offers you the flexibility to change and save settings.

The picture does not fit the screen; it is too big or too small:

- Try using a different picture format.

The picture position is incorrect:

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

Sound issues

There is picture but no sound from the TV:



Note

- If no audio signal is detected, the TV automatically switches the audio output off — this does not indicate malfunction.
 - Check that all cables are properly connected.
 - Check that the volume is not set to 0.
 - Check that the sound is not muted.
- There is picture but sound quality is poor:**
- Check that the sound settings are correctly set.

There is picture but sound comes from one speaker only:

- Verify that sound balance is set to the center.

HDMI connection issues

There are problems with HDMI devices:

- Note that HDCP (High-bandwidth Digital Content Protection) support can delay the time taken for a TV to display content from a HDMI device.
- If the TV does not recognize the HDMI device and no picture is displayed, try switching the source from one device to another and back again.

- If there are intermittent sound disruptions, check that output settings from the HDMI device are correct.
- If you use an HDMI-to-DVI adapter or HDMI to DVI cable, check that an additional audio cable is connected to **AUDIO L/R** or **AUDIO IN** (mini-jack only).

Computer connection issues

The computer display on the TV is not stable:

- Check that your PC uses the supported resolution and refresh rate.
- Set the TV picture format to unscaled.

Contact us

If you cannot resolve your problem, refer to the FAQs for this TV at www.philips.com/support.

If the problem remains unresolved, contact Philips Consumer Care in your country as listed in this user manual.



Warning

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



Note

- Make a note of your TV model and serial number before you contact Philips. These numbers are printed on the back of the TV and on the packaging.

10 Index

A

age ratings	16
Ambilight	
brightness	14
change settings	14
set active mode	9
switch on or off	9
antenna	21

B

batteries	25, 4, 27
bracket for wall mount	26

C

care	4
channels	
install	
automatic	20
rename	20
switch	8
troubleshooting	27
update	14
child lock	
PIN code	27, 16
closed captions	19
computer	
connect	28
display resolution	25
connect	
antenna	21
PC	28
connectors	
HDMI	28, 21
overview	21
content ratings	16

D

default settings	19
demo	18
devices	
add to home menu	11
connect	21
remove	11
watch	9
digital services	
display	
resolution	25
dispose	4

E

EasyLink	
disable	23
enable	23
system audio control	24
end of life	4
environmental care	4
e-sticker	18

F

factory settings	19
favorites list	
add to list	14
create list	14

H

HDMI	28, 21, 21
home mode	18

I

install channels	
automatic	20

K

Kensington lock	24
------------------------	----

L	
language	
menu	27
troubleshoot	27
location	
home or shop	18
lock	
Kensington lock	24
PIN code	27, 16

M	
menu	
language	27
main menu	11, 11
troubleshooting	27
MPEG artifact reduction	12
multimedia	25
mute TV speakers	24

O	
on timer	15

P	
PC	
connect	28
resolution	25
picture format	
change	13
troubleshooting	27
picture settings	11
PIN code	27, 16
pixel plus link	18
power	25, 27
preferences	18
product specifications	25

R	
reception	27
recycle	4
register product	5
remote control	
batteries	25, 4
overview	6
RC pass-through	24
technical specifications	25
troubleshooting	27
rename channels	20
resolution	25
restore default	19

S	
screen care	4
settings	
picture	12
sound	13
shop mode	18
side controls	5
sound settings	13
specifications	25
standby	8, 27
switch	
channels	8
on and off	8
source	9

T	
technical specifications	25
timer	
on timer	15
sleep timer	15
standby	15
transmission	25, 27
troubleshooting	27
TV lock	
PIN code	27, 16
TV overview	5

V

video format

technical specifications	25
--------------------------	----

volume

adjust	9
--------	---

automatic leveling	13
--------------------	----

delta	13
-------	----

mute	9, 24
------	-------

