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PFL60x7D

PFL55x7D

PFL50x7D

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EN User Manual

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ZH-HK 用戶手冊

**PHILIPS**



# Contents

<b>1 NOTICE</b>	2	<b>6 INSTALLING CHANNELS</b>	21
		Installing Channels Automatically	21
		Installing Channels Manually	21
		Installing Digital Channels	22
		Renaming Channels	22
		Rearranging Channels	22
<b>2 IMPORTANT</b>	3	<b>7 NETWORK SETTINGS</b>	23
		Network Type	23
		Wired Installation	23
		Wireless Installation	23
		Viewing Network Settings	24
		Enabling DLNA	24
<b>3 YOUR TV</b>	6	<b>8 3D Settings</b>	26
Control Panel	6	Adjusting the Settings for 2D to 3D	
Remote Control	6	Conversion	26
Remote Control Usage	7	Adjusting 3D Settings	26
<b>4 USE YOUR TV</b>	8	<b>9 CONNECTING DEVICES</b>	27
Switching Your TV On/Off or to Standby	8	Bottom Connectors	27
Switching Channels	8	Side Connectors	28
Watching Connected Devices	9	Connecting a Computer	29
Adjusting TV Volume	9	Using Philips EasyLink	30
		Using a Kensington Security Lock	31
<b>5 USING MORE FEATURES OF YOUR TV</b>	10	<b>10 PRODUCT INFORMATION</b>	32
Accessing TV Menus	10	Supported Input Signal Formats	32
Changing the Language	10	Multimedia	32
Renaming External Devices	10	Tuner / Reception / Transmission	32
Removing Devices from the Menu	11	Remote Control	32
Changing Picture and Sound Settings	11	Power	32
Using the Options Menu	13	Supported TV Mounts	33
Creating and Using List of Favourite Channels	13	<b>11 TROUBLESHOOTING</b>	34
Using the programme guide	14	General TV Issues	34
Switching on Programme guide	14	TV Channel Issues	34
Using the TV Clock	15	Picture Issues	34
Using Ambilight	15	Sound Issues	35
Using Timers	16	HDMI Connection Issues	35
Using TV Locks	16	Computer Connection Issues	35
Using Scenea to Display Pictures as TV Wallpapers	16	Network Connection Issues	35
Accessing the USB Storage Device or Opening the DLNA to View photos and Play Music or Video	17	Contact Us	35
Updating the TV Software	19		
Changing TV Preferences	20		
Starting a TV Demo	20		
Resetting the TV to Factory Settings	20		

# 1 NOTICE

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The material in this manual is believed adequate for the intended use of the system. If the product, or its individual modules or procedures, are used for purposes other than those specified herein, confirmation of their validity and suitability must be obtained. TP Vision Netherlands B.V. warrants that the material itself does not infringe any United States patents. No further warranty is expressed or implied.

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## Pixel Characteristics

This LCD product has a high number of colour pixels. Although it has effective pixels of 99.999% or more, black dots or bright points of light (red, green or blue) may still appear constantly on the screen. This is a structural property of the display (within common industry standards) and is not a malfunction.

## Warranty

You cannot replace any components. DO NOT open or remove the rear chassis of the TV to expose the product's interior. Always contact Philips Service Centre or its authorised repair shops for service or repairs. Otherwise, all express or implied warranties will become void.

Any operation expressly prohibited in this manual, or any adjustment or assembly procedure not recommended or authorised in this manual, is not covered under warranty.

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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 swivelled 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 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 Netherlands B.V. bears no responsibility for improper wall mounting that result in accident, injury or damage.
- Parts of this product may be made of glass. Handle with care to avoid injury and 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 swallowing batteries!

- The product/remote control may contain a coin-type battery, which can be swallowed. Keep the battery out of reach of children at all times!

#### Beware 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.
- If you need to store the TV, disassemble the stand from the TV. Never lay the TV on its back with the stand installed.

### **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.

### **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.

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## **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 colour fading, wipe off water drops as soon as possible.

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## **3D health warning**

### **Available for certain models only.**

- If you or your family have a history of epilepsy or photosensitive seizures, consult a medical professional before exposing yourself to flashing light sources, rapid image sequences or 3D viewing.
- To avoid discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time. If you experience any discomfort, stop watching 3D and do not immediately engage in any potentially hazardous activity (for example driving a car) until your symptoms have disappeared. If symptoms persist, do not resume watching 3D without consulting a medical professional first.
- Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under six years of age as their visual system is not fully developed yet.

## 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 the 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.

## Environmental efforts

Philips continuously focus on lowering the environmental impact of its innovative consumer products. We aim our efforts towards environmental improvements during manufacturing, reduction of harmful substances, energy-efficient use, end-of-life instructions and product recycling.

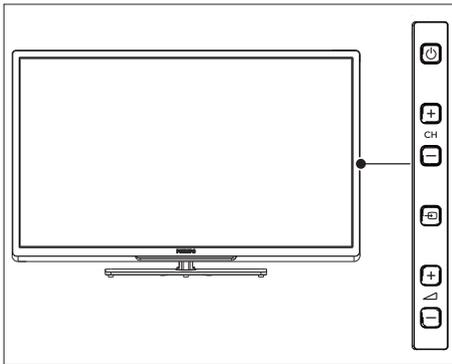
To access energy-efficient settings:

- 1 While you watch TV, press the green button on the remote control.
- 2 Select one of the following settings:
  - **[Energy saving]:** Picture settings that conserve the most energy.
  - **[Mute screen]:** If you only want to listen to audio from the TV, you can turn off the TV display. Other functions continue to operate normally.

# 3 YOUR TV

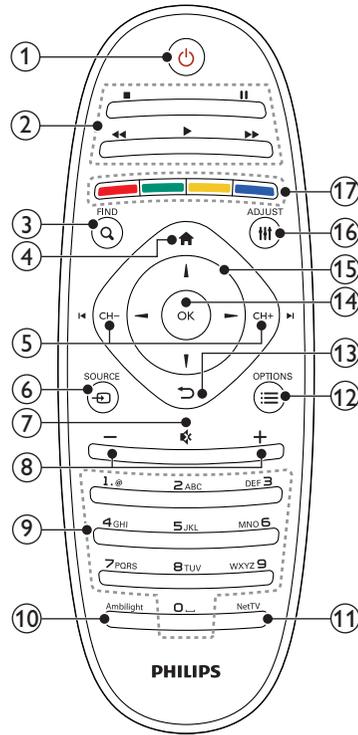
Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, please register your TV at [www.philips.com/welcome](http://www.philips.com/welcome)

## Control Panel



- ① **⏻ (Standby):** Switches the product on or off. The product is not powered off completely unless it is physically unplugged or the power switch on the bottom is turned off.
- ② **CH+/-:** Switches to the next or previous channel.
- ③ **Ⓜ (Signal Source):** Press this button to display the list of available signal sources.
- ④ **⏮ +/-:** Increases and decreases volume.

## Remote Control

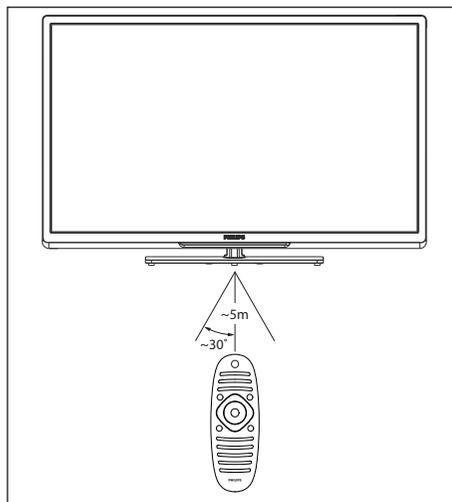


- ① **⏻ (Standby-On)**
  - Switches the TV to standby if it is on.
  - Switches on the TV if it is in standby.
- ② **Play Buttons**  
Controls the playback of pictures, music and videos. (Only Net TV videos)
- ③ **Q FIND (Channel Grid)**  
Switches between channels in the channel grid
- ④ **🏠 (Home)**  
Toggles the home menu on or off.
- ⑤ **⏮ CH - / CH + ⏭**  
Switches to the next or previous channel. When the TV menu is on, this functions as Page Up / Down.

- ⑥ **SOURCE**  
Selects connected devices.
- ⑦ **Mute**  
Mutes or restores volume.
- ⑧ **+/- (Volume)**  
Increases or decreases volume.
- ⑨ **0-9 (Numeric Buttons)**  
Selects a channel or setting.
- ⑩ **Ambilight (For certain models only)**  
Turns the Ambilight on or off.
- ⑪ **NetTV (For certain models only)**  
Turns the network TV on or off.
- ⑫ **OPTIONS**  
Accesses options relating to the current activity or selection.
- ⑬ **↶**
- Returns to a previous screen.
  - Returns to the previously viewed channel.
- ⑭ **OK**  
Confirms an entry or selection and displays the channel grid, when watching TV.
- ⑮ **▲▼◀▶ Navigation Buttons**  
Navigates menus.
- ⑯ **ADJUST**  
Launches the adjustment menu.
- ⑰ **Colour Buttons**  
Selects tasks or options.

## Remote Control Usage

When using the remote control, press and 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.

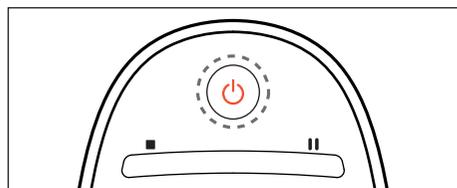
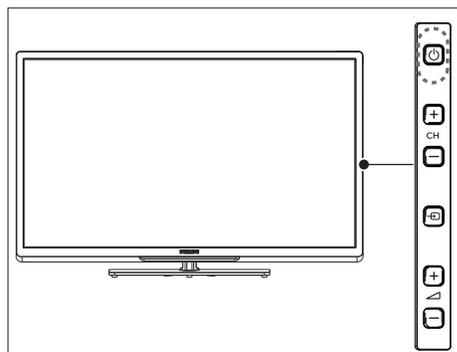
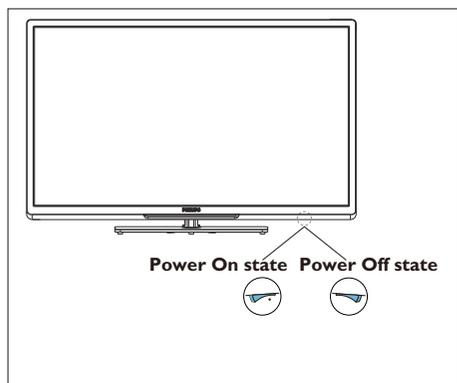


# 4 USE YOUR TV

This section describes the basic TV operations.

## Switching Your TV On/Off or to Standby

### Using the Power Switch on the Bottom



### To switch on

- ↳ Turn on the power switch on the bottom of the TV.
- ↳ If the Standby indicator is not lighted, press the **power switch**  on the side of the TV.
- ↳ If the standby indicator is red, press  (Standby-On) on the remote control and the standby indicator switches to blue.

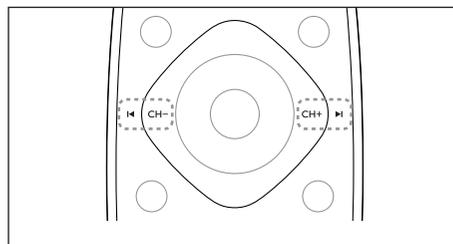
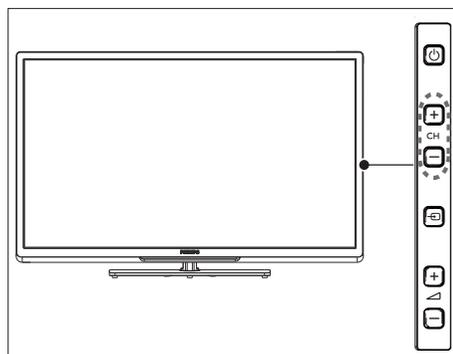
### To switch to standby

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

### 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.

## Switching Channels

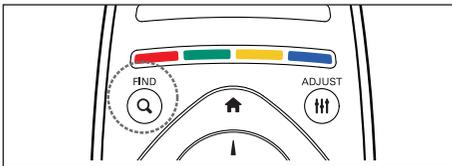


## Switching channels without the channel grid

- Press the **CH +/-** channel on the remote control or **CH +/-** on the side of the TV.
- 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.

## Switching channels with the channel grid

The channel grid allows you to view all available channels in a grid format.



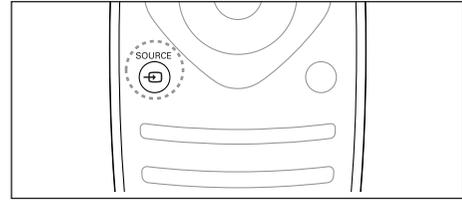
- 1 Press **OK** or **Q FIND (channel grid)**.  
↳ The channel grid appears.
- 2 Press **▲▼◀▶** to select a channel and browse the channel grid.
- 3 Press **OK** to watch the selected channel.
- 4 Press  to switch to and resume the last watched channel.

## Watching Connected Devices

### Note

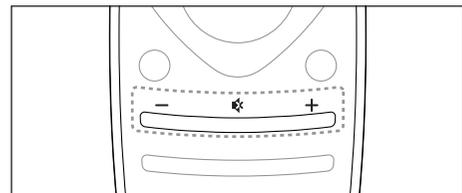
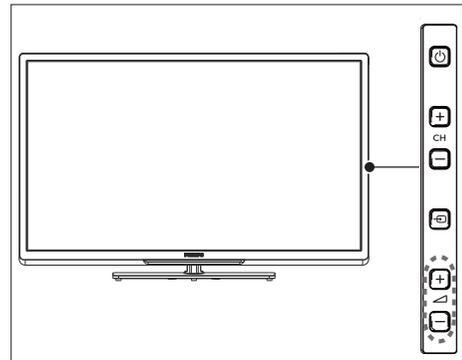
- Switch on the device before selecting it as an external signal source.

## Using the source button



- 1 Press  **SOURCE**.  
↳ The source list appears.
- 2 Press **▲▼** to select a device.
- 3 Press **OK** to confirm your choice.  
↳ The TV switches to the selected device.

## Adjusting TV Volume



To increase or decrease volume

- Press  **+/-** on the TV or **+/-** volume control on the remote control.

To mute or unmute sound

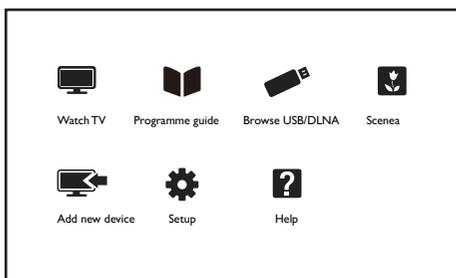
- Press  (Mute).
- Press  again to restore the sound.

# 5 USING MORE FEATURES OF YOUR TV

## Accessing TV Menus

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

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



- 2 Please press **OK** after selecting the following options:
  - **[Watch TV]:** When other signal sources have been selected, select this option to switch back to the TV channel.
  - **[Programme guide]:** (For certain models only) Accesses the Electronic Programme Guide (EPG).
  - **[Browse USB/DLNA]:** Accesses the USB storage device or opens the DLNA to view photos and play music or video.
  - **[Scenea]:** Switches to Scenea wallpaper.
  - **[Add new device]:** Adds a new device to the home menu.
  - **[Setup]:** Changes the picture, sound and other settings.
  - **[Help]:** Accesses help.
- 3 If you select **[Add new device]**, please follow the on-screen instructions to select the correct device and interface.

## Changing the Language

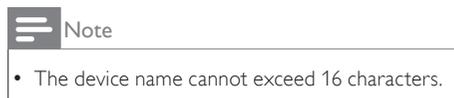
You can choose to change the language of the menu.

### Changing the menu language

- 1 Press **⏠** (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Menu language]** and then press **OK**.
- 3 Select your desired language and press **OK**.

## Renaming External Devices

You can rename a device according to your preference after it has been added to the menu.



- 1 Press **⏠** (Home).
- 2 Select the device to be renamed and then press **≡** **OPTIONS**.  
↳ The options menu appears.
- 3 Select **[Rename device]** and then press **OK**.  
↳ The window for entering the device name appears.
- 4 Press **OK**.  
↳ The text entry window appears.
- 5 Select characters and then press **OK**.
- 7 Enter the new name and then select **[Done]** and press **OK**.

## Removing Devices from the Menu

Remove devices that are not connected to the TV from the menu.

- 1 Press  (Home).
- 2 Select the device to be removed and then press  **OPTIONS**.
  - ↳ The options menu appears.
- 3 Select **[Remove device]** and then press **OK**.
- 4 Select **[Remove]** and then press **OK**.

## Changing Picture and Sound Settings

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



### Note

- When watching TV or using external devices, press  **ADJUST** and then select **[Smart Picture]**, **[Smart Sound]**, **[Picture Format]** or **[Picture Shift]** for quick access to picture and sound settings.
- During the course of playback of TV signals, if you encounter any non-standard, abnormal sound signals, press the  **OPTIONS** button on the remote control and then select the correct audio channel.

## Quick picture and sound settings

This feature helps you configure picture and sound settings quickly.

- 1 Press  (Home).
- 2 Select **[Setup]** > **[Quick picture and sound]** and then press **OK**.
- 3 Select **[Continue]** and then press **OK**.
- 4 Select your favourite settings according to the on-screen instructions.

## Using smart picture

Use smart picture to apply pre-defined picture settings.

- 1 Press  **ADJUST** and then select **[Smart Picture]**.
- 2 Select one of the following settings and then press **OK**.
  - **[Personal]**: Uses customised picture settings.
  - **[Vivid]**: Applies rich and dynamic settings, ideal for daylight use.
  - **[Natural]**: Applies a natural setting.
  - **[Cinema]**: Applies settings for watching movies.
  - **[Game]**: Applies settings for gaming.
  - **[Energy saving]**: Applies low-energy settings.
  - **[Standard]**: Adjusts picture settings to suit most environments and types of video.
  - **[Photo]**: Applicable to viewing of photos.
  - **[Custom]**: Customises and stores your personal settings. Select **[Personal]** to use its settings.

## Adjusting picture settings manually

- 1 Press  (Home).
- 2 Select **[Setup]** > **[TV settings]** and then press **OK**.
- 3 Select **[Picture]** and then select one of the following settings and press **OK**.
  - **[Smart picture]**: Selects pre-defined settings.
  - **[Reset]**: Resets all settings to their factory default values.
  - **[Contrast]**: Adjusts the backlight by increasing the backlight intensity difference between the bright and dark areas.

- **[Brightness]:** Adjusts the intensity and details of darker areas.
- **[Colour]:** Adjusts colour saturation.
- **[Hue]:** Compensates colour variations in NTSC encoded transmissions.
- **[Sharpness]:** Adjusts sharpness in the image.
- **[Noise reduction]:** Filters and reduces noise in an image.
- **[Tint]:** Adjusts the colour balance in an image.
- **[Custom tint]:** Customises your preferred colour balance in an image. (Personal setting is only available if CUSTOM TINT is selected.)
- **[Pixel Plus HD]:** Fine-tunes each pixel to match surrounding pixels. This produces a perfect, high-definition image.
  - **[HD Natural Motion]:** Reduces flicker and enhances picture fluency.
  - **[100Hz Clear LCD]:** Reduces motion blur to make the picture clearer.
  - **[Advanced sharpness]:** Enables superb picture clarity.
  - **[Dynamic contrast]:** Enhances contrast dynamically according to changes in the picture.
  - **[Dynamic backlight]:** Adjusts brightness of the TV backlight to match lighting conditions.
  - **[Colour enhancement]:** Makes colours more vivid and rich.
  - **[Gamma]:** Makes colours more vivid and rich.
- **[PC mode]:** Adjusts the picture when a PC is connected to the TV via HDMI.
- **[Picture format]:** Changes the picture format.
- **[Screen edges]:** Adjusts the size of the viewing area. (When set to the maximum, you might see noise or a rough edge of an image.)
- **[Picture shift]:** Adjusts the position of the picture for various picture formats.

## Changes the Picture Format

- 1 Press **⬆** (Home).
- 2 Select **[Setup] > [TVsettings] > [Picture] > [Picture format]** and then press **OK**.

## 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.



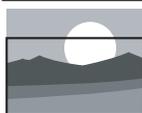
**[Super zoom]:** (Not for HD and PC mode.) Removes the black bars on the side of 4:3 TV broadcasts. This action will cause minimal distortion on the screen.



**[4:3]:** Shows the classic 4:3 format.



**[Unscaled]:** For HD and PC mode 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 display results.



**[Subtitle zoom]:** (Not for HD and PC mode.) Displays 4:3 pictures over the full area of the screen, with sub-titles visible. Part of the top of the picture is clipped off.



**[Movie expand 14:9]:** (Not for HD and PC mode.) Scales 4:3 picture format to 14:9.



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



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

## Using smart sound

Use smart picture to apply pre-defined picture settings.

- 1 Press  **ADJUST** and then select **[Smart Sound]**.
- 2 Select one of the following settings and then press **OK**.
  - **[Personal]**: Applies the custom sound settings set up in sound options.
  - **[Standard]**: Adjusts sound settings to suit most environments and types of audio.
  - **[News]**: Applies sound settings for spoken audio, such as news.
  - **[Cinema]**: Applies sound settings for movies.
  - **[Game]**: Applies sound settings for games.
  - **[Drama]**: Applies sound settings for drama programmes.
  - **[Sports]**: Applies sound settings for sports programmes.

## Adjusting sound settings manually

- 1 Press  (Home).
- 2 Select **[Setup]** > **[TV settings]** and then press **OK**.
- 3 Select **[Sound]** and then select one of the following settings and press **OK**.
  - **[Smart sound]**: Accesses predefined smart sound settings.
  - **[Reset]**: Revert back to the factory default values.
  - **[Clear Sound]**: Enhance the clarity of sound.
  - **[Bass]**: Adjusts the bass level.
  - **[Treble]**: Adjusts the treble level.
  - **[Surround]**: Enables spatial sound.
  - **[Auto volume levelling]**: Automatically reduces sudden volume changes when switching channels.
  - **[Balance]**: Adjusts the balance of the right and left speakers.
  - **[Digital output format]**: (For certain models only) Select the type of audio through the digital audio output interface.

## Using the Options Menu

Accesses options relating to the current activity or selection.

- 1 When watching TV, press  **OPTIONS**.
  - ↳ The options menu appears.
- 2 Select one of the following items and then press **OK**:
  - **[Key beep]**: Turns on sound for the keys on the remote control or the side panel of the TV.
  - **[Clock]**: Displays the clock.
  - **[Status]**: Displays information on the channel that you are currently watching.
  - **[Ecology]**: Applies low-energy settings.



Tip

- Press  **OPTIONS** on the remote control to enter the menu.

## Creating and Using List of Favourite Channels

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

### Viewing channels in the favourite list

- 1 When watching TV, press **Q FIND** (**Channel Grid**).
  - ↳ The channel grid appears.
- 2 Press  **OPTIONS** and then select **[Select List]** > **[Favorite]** and press **OK**.
  - ↳ Only channels in the favourite list appear in the channel grid.



Note

- The favourite channel grid is empty until you add channels into the favourite lists.

---

## Viewing all channels

The favourite channel grid is empty until you add channels into the favourite lists.

- 1 When watching TV, press **Q FIND (Channel Grid)**.  
↳ The channel grid appears.
- 2 Press **≡ OPTIONS** and then select **[Select List] > [All]** and press **OK**.  
↳ All channels are displayed in the channel grid.



### Note

- All favourite channels are marked by an asterisk when you view the channel grid.

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## Adding or removing channels to a favourite list

- 1 When watching TV, press **Q FIND (Channel Grid)**.  
↳ The channel grid appears.
- 2 Press **≡ OPTIONS** and then select **[Select List] > [All]** and press **OK**.  
↳ All channels are displayed in the channel grid.
- 3 Press **▲▼◀▶** to select a channel and then press **≡ OPTIONS**.
- 4 Select **[Mark as favourite]** or **[Unmark as favourite]** and then press **OK**.  
↳ This channel is added to or removed from the favourite list.

---

## Using the programme guide

(For certain models only)

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

- View a list of digital programmes being broadcast
- View upcoming programmes
- Group programmes by genre
- Set reminders when programmes start
- Set up preferred programme guide channels

---

## Switching on Programme guide

- 1 Press **⬆ (Home)**.
- 2 Select **[Programme guide]** and then press **OK**.

---

## Programme guide options

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

- 1 Press **⬆ (Home)**.
- 2 Select **[Programme guide]** and then press **OK**.
- 3 Press **≡ OPTIONS**.  
↳ The programme guide menu appears.
- 4 Select one of the following settings and then press **OK**.
  - **[Change day]**: Sets the day to display.
  - **[Search by genre]**: Searches TV programmes by genre.
  - **[Acquire EPG data]**: Updates the latest programme information.

---

## Using the TV Clock

You can display a clock on the TV screen. The clock displays the time that is broadcast by your TV service operator.

---

## Displaying the TV clock

- 1 When watching TV, press **≡ OPTIONS**.  
↳ The options menu appears.
- 2 Select **[Clock]** and then press **OK**.  
↳ The clock appears.



### Note

- To disable the clock, repeat the procedure above.

## Change the clock mode

You can change the clock mode to automatic or manual. By default, it is set to automatic mode, which automatically synchronises it to Coordinated Universal Time (UTC). If your TV cannot receive UTC transmissions, change the clock mode to **[Manual]**.

- 1 When watching TV, press **⏠ (Home)**.  
↳ The options menu appears.
- 2 Select **[Setup] > [TV settings] > [Preferences] > [Clock] > [Auto clock]**.
- 3 Select **[Automatic]** or **[Manual]**, then press **OK**.

## Set the clock manually

You can set the date and time manually. Before you start, change the clock mode to **[Manual]**.

- 1 In the clock menu, select **[Date]** or **[Time]**, then press **OK**.
- 2 Press **▲▼◀▶** to select the date or time.
- 3 Select **[Done]**, then press **OK**.

## Using Ambilight

(For certain models only)

You can enjoy a more relaxing viewing experience and a better picture quality. Rooms with dim light conditions can produce the best Ambilight effect.

## Turning on Ambilight

- 1 Press **⏠ (Home)**.
- 2 Select **[Setup] > [TV settings] > [Ambilight]**.
- 3 Select **[Ambilight]** and then press **OK**.
- 4 Select **[On]** or **[Off]** and then press **OK**.



Tip

- Press **Ambilight** on the remote control to **[On]** or **[Off]**.

## Setting Ambilight

You can access more Ambilight settings in the Ambilight menu.

- 1 Press **⏠ (Home)**.
- 2 Select **[Setup] > [TV settings]** and then press **OK**.
- 3 Select **[Ambilight]** and then select one of the following settings and press **OK**.
  - **[Ambilight]**: Turns Ambilight on or off.
  - **[Brightness]**: Adjusts the brightness of Ambilight.
  - **[Static]**: Select the Ambilight color. This color is fixed and does not respond to changes in picture display. To access this option, please set up **[Ambilight] > [Colour] > [Static]**
  - **[Colour]**: Selects pre-defined colours.
  - **[Custom color]**: Sets your own Ambilight colours. To access this option, please set up **[Ambilight] > [Colour] > [Custom]**.
  - **[Dynamic]**: Adjusts Ambilight between the levels of 'flexibility' and 'dynamic'. To access this option, please set up **[Ambilight] > [Colour] > [Dynamic]**
  - **[Lounge light mode]**: Selects lounge light mode as the lighting method.

---

## Using Timers

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

---

### Switching the TV to standby automatically (sleep timer)

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



Tip

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

- 1 Press (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Sleep timer]**.  
↳ The sleep timer appears.
- 3 Select a value between 0 and 180 minutes.  
↳ The sleep timer can be set in steps of ten minutes. If set to zero, the sleep timer is switched off.
- 4 Press **OK** to switch on the sleep timer.  
↳ The TV switches to standby after the specified time.

---

## Using TV Locks

You can prevent your children from watching certain programmes or channels by locking the TV controls.

---

### Setting or changing your code

- 1 Press (Home).
- 2 Select **[Setup]** > **[Channel settings]** > **[Child lock]** > **[Set code]/[Change code]**.
- 3 Enter your PIN code using the numeric buttons on the remote control.  
↳ Follow the on-screen instructions to create or change your PIN code.



Tip

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

---

## Locking or unlocking one or more channels

- 1 Press (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Child lock]** > **[Channel lock]** and then enter your PIN code.  
↳ The channel grid appears.
- 3 Select the channel to lock or unlock and then press **OK**.  
↳ You will be prompted to enter your PIN code when attempting for the first time to view the locked channel.
- 4 The channel locking function takes effect immediately after you leave the home menu.



Note

- When using CH +/- to select channels, the locked channels will be skipped.
- If you access the locked channels by pressing the numeric buttons on the remote control or from the channel grid, you will be prompted to enter your PIN code.

---

## Using Scenea to Display Pictures as TV Wallpapers

You can use Scenea to display a pre-loaded or self-loaded picture as wallpaper on your TV screen. If the sleep timer is off, the wallpaper is displayed for as long as 240 minutes. Otherwise, it is displayed for the duration of the sleep timer.

---

### Activating Scenea

- 1 Press (Home).
- 2 Select **[Scenea]** and then press **OK**.  
↳ If no picture is set, the default picture will be displayed.  
↳ If a picture is set, the configured picture will be displayed.

---

### Customising Scenea picture

You can transfer other pictures for use as a wallpaper.

### Note

- When you transfer a new picture for use as a wallpaper, it will override the existing picture.
- To transfer a new picture for use as a wallpaper, you must have a USB storage device that is loaded with the picture, and it must be no more than 1 MB in size.

- 1 Transfer a new picture smaller than 1 MB to the USB storage device.
- 2 Connect the USB storage device to the TV.
- 3 Press **⬆** (Home).
- 4 Select **[Browse USB/DLNA]** and then press **OK**.
- 5 Select a picture and then press **≡** **OPTIONS**.
- 6 Select **[Set as Scenea]** and then press **OK**.

## Accessing the USB Storage Device or Opening the DLNA to View photos and Play Music or Video

### Supported video formats on the USB device:

- Supported storage device: USB (only FAT or FAT 32 USB storage devices are supported.)
- Compatible multimedia file formats:
  - Image: JPEG
  - Audio: MP3
  - Video: MPEG 2/MPEG 4, H.264, WMV



### Caution

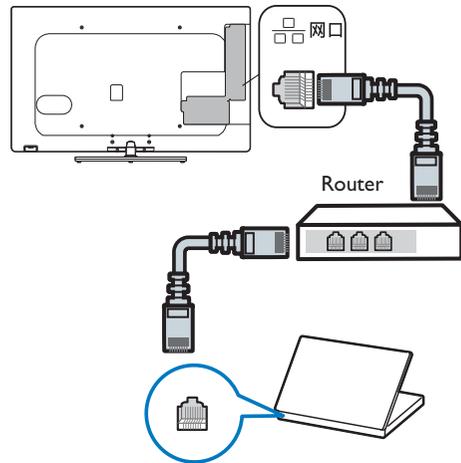
- TP Vision is not responsible if the USB storage device is not supported nor is it responsible for damage or loss of data from the device.

## Viewing photos and playing music or video from the connected USB storage device

- 1 Switch on the TV.
- 2 Connect the USB storage device to the USB port on the side of the TV.

- 3 Press **⬆** (Home).
- 4 Select **[Browse USB/DLNA]** and then press **OK**.
  - ↳ The USB content browser opens.

## Opening the DLNA to view photos and play music or video



- 1 Switch on the TV.
- 2 Connect the TV to the Internet or wireless network.
  - (For the connection methods, see '7 NETWORK SETTINGS' on page 24)
- 3 Switch on the multimedia device that supports DLNA.
  - ↳ The multimedia device of DLNA will share multimedia files with the TV through the Internet.
- 4 Press **⬆** (Home).
- 5 Select **[Setup] > [TV settings] > [Network settings] > [DLNA]**.
- 6 Select **[On]** and then press **OK**.
- 7 Press **⬆** (Home).
  - ↳ Return to the home menu.
- 8 Select **[Browse USB/DLNA]** and then press **OK**.
  - ↳ The USB content browser opens.

---

## Viewing photos

- 1 From the USB/DLNA content browser, select **[Picture]** and then press **OK**.
- 2 Select a photo or folder and then press **OK**. The photo will be enlarged to fill up the entire screen.
  - Press **◀** or **▶** to view the previous or next photo.

---

## Changing slideshow settings

- 1 When viewing a slideshow, press **≡** **OPTIONS**.  
↳ The slideshow options menu appears.
- 2 Select one of the following items and then press **OK**.
  - **[Slideshow stop]/[Slideshow start]**: Stop or start playing the slideshow.
  - **[Slideshow transition]**: Sets the transition from one picture to the next.
  - **[Slideshow frequency]**: Sets the amount of time that a picture is shown.
  - **[Repeat]/[Play once]**: Choose to play the slideshow either once or repeatedly.
  - **[Shuffle on]/[Shuffle off]**: Plays pictures in the slideshow sequentially or randomly.
  - **[Rotate image]**: Rotates a picture.
  - **[Set as Scenea]**: Sets the picture as a TV wallpaper.
  - **[Show info]**: Show the name, date and size of the photo, as well as the next photo.



### Note

- **[Rotate]**, **[Set as Scenea]** and **[Show info]** will only be displayed when the playing of the slideshow stops.

---

## Listening to music

- 1 From the USB/DLNA content browser, select **[Music]** and then press **OK**.
- 2 Select a song or an album and then press **OK** to play.

---

## Changing music settings

When in the music player, press **≡** **OPTIONS** and then select one of the following settings and press **OK**.

- **[Stop playing]/[Start playing]**: Stop or start playing music.
- **[Repeat]/[Play once]**: Choose to play music either once or repeatedly.
- **[Shuffle on]/[Shuffle off]**: Plays music sequentially or randomly.
- **[Show info]**: Shows document properties.
- **[Sound]**: Sets the mode to play the sound files.

---

## Playing music while watching slideshow

You can play background music while watching a slideshow.

- 1 Select a music album.
- 2 Press **OK**.
- 3 Press **↶** to return to the USB/DLNA content browser.
- 4 Select a photo album.
- 5 Press **OK** to play the slideshow.

---

## Watching videos

- 1 From the USB/DLNA content browser, select **[Video]** and then press **OK**.
- 2 Press **OK** to play the video.

## Changing video settings

When in the video player, press  **OPTIONS** and then select one of the following settings and press **OK**.

- **[Stop playing]/[Start playing]:** Stop or start playing video.
- **[Repeat]/[Play once]:** Choose to play video either once or repeatedly.
- **[Shuffle on]/[Shuffle off]** Plays video sequentially or randomly.
- **[Full screen]/[Small screen]:** Selects the screen size for playing video.
- **[Show info]:** Shows document properties.
- **[2D to 3D]:** (For certain models only) Enables or disables the 2D to 3D conversion mode.
- **[3D Signal Format]:** (For certain models only) Selects the 3D input format.
- **[Depth of field]:** (For certain models only) Adjusts the depth of field when converting 2D images to 3D images.
- **[3D to 2D]:** (For certain models only) Converts 3D images to 2D images.

## Disconnecting a USB storage device

### Caution

- Please follow the following procedure to avoid damage to your USB storage device.

- 1 Press  to exit the USB content browser.
- 2 Wait five seconds before disconnecting the USB storage device.

## Updating the TV Software

Philips continuously tries to improve its products and we recommend that you update the TV software when updates are available. Please visit [www.philips.com/support](http://www.philips.com/support) to check for the availability of updates.

## Checking the current software version

- 1 Press  (Home).
- 2 Select **[Setup] > [Software settings] > [Current software info]** and then press **OK**.  
↳ The version of the current software is displayed.

## Updating software

You can use the following methods to update the TV software:

- Automatic update through USB storage device.
- Update through USB storage device.

## Automatic update through USB storage device

Before you update the software, make sure that you have:

- A USB storage device that has at least 256 megabytes of storage space, is FAT or DOS formatted and has its write protection disabled.
- Access to a computer with a USB connector and Internet access.

### Note

- Do not use a USB hard drive.

- 1 Connect a USB storage device.
- 2 Press  (Home).
- 3 Select **[Setup] > [Update software]**, then press **OK**.
- 4 Follow the on-screen instructions to update the software.

### Note

- The update assistant directs you to the Philips support website. See the installation instructions on the website to complete the update.

---

## Update through USB storage device

- 1 Use your PC to open the web browser and go to [www.philips.com/welcome](http://www.philips.com/welcome)
- 2 Look for the relevant information and software for your TV.
- 3 Look for the latest updater.
- 4 Compare the software versions.
  - If the current software version is the same as that for the latest update, then you do not need to update your TV software.
  - If the version number of the current software is smaller as that of the latest update, then download the latest software update to your PC.
- 5 Decompress the ZIP file.
- 6 Copy the files to the root folder of the USB storage device.
- 7 Connect the USB storage device to the TV.
- 8 If the software update screen does not appear automatically, select **[Setup]** > **[Software settings]** > **[Local updates]** to update the TV software manually.
- 9 Follow the on-screen instructions to update the software.



### Note

- Please connect the USB flash drive to the USB port.
- Please use a clean USB storage device without any contents in it.
- The TV reboots on its own after completing the software update.

---

## Changing TV Preferences

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Preferences]**.
- 3 Select one of the following items and then press **OK**.
  - **[Menu language]**: Selects the language to be used for displaying the menu.
  - **[Sleep timer]**: Sets the time for the TV to go on hibernation.

- **[Location]**: Optimises TV settings for your location - home or shop.
- **[E-sticker]**: Enables or disables E-sticker. Only used in shop mode.
- **[Volume bar]**: Displays the volume bar when you adjust the volume.
- **[Auto switch off]**: In order to save power, the TV will automatically shut down after a certain period of idle time when there is no signal.
- **[Channel information size]**: Changes the mode in which information about the TV channel is displayed every time you switch channels.
- **[Key beep]**: There will be an alert sound when you press buttons on the remote control or the TV controls.
- **[TV position]**: Select your TV mounting method.
- **[Clock]**: Sets the date and time of the clock.

---

## Starting a TV Demo

You can gain a better understanding of the TV's functions by watching a TV demo. This function is not available in certain models.

- 1 When watching TV, press **⬆** (Home).
- 2 Select **[Setup]** > **[Watch Demo]** and then press **OK**.
- 3 Select a demo and press **OK** to view it.

---

## Resetting the TV to Factory Settings

You can restore the factory default picture and sound settings of your TV. Channel installation settings will remain the same.

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Factory settings]** and then press **OK**.
- 3 Select **[Reset]** and then press **OK** to start resetting the settings.

## 6 INSTALLING CHANNELS

The first time you set up your TV, you are prompted to select a menu language and to install TV channels. This section provides instructions on how to re-install and fine-tune channels.

### Installing Channels Automatically

#### Step 1 Select your menu language

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Menu language]** and then press **OK**.
- 3 Select language and then press **OK**.

#### Step 2 Find channels automatically

##### Note

- If you are prompted to enter a code, enter '8888'.

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[Search for channels]** and then press **OK**.
- 3 Press **OK** to start searching for channels automatically.

### Installing Channels Manually

#### Step 1 Select your system

##### Note

- Skip this step if your system settings are correct.

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[Channel settings]** > **[Channel installation]** > **[Analogue: Manual antenna installation]**.
- 3 Select your **[Colour system]** and **[Sound system]**.

#### Step 2 Search and store new TV channels

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[Channel settings]** > **[Channel installation]** > **[Analogue: Manual antenna installation]** > **[Find channel]**.
  - You can enter the channel frequency directly.
  - Select **[Search]** and then press **OK** to start the search
- 3 When the search is completed, select **[Done]** to exit the menu.
  - Select **[Store as new channel]** to store the channel search results.
  - Select **[Store current channel]** to override the existing channel number with the channel search results.

#### Step 3 Fine-tune analogue channels

- 1 Press **⬆** (Home).
- 2 Select **[Setup]** > **[Channel settings]** > **[Channel installation]** > **[Analogue: Manual antenna installation]** > **[Fine-tune]**.
- 3 Press **▲▼** to adjust the channel frequency.
- 4 When you have selected the correct channel frequency, select **[Done]**, and then press **OK**.
- 5 Select an option, then press **OK**.
  - **[Store current channel]**: Store the channel as the current channel number.
  - **[Store as new channel]**: Store the channel as a new channel number.

---

## Installing Digital Channels

(For certain models only)

- 1 Press  (Home).
- 2 Select **[Setup]** > **[Channel settings]** > **[Channel installation]** > **[Digital: Reception test]** > **[Find channel]** and then press **OK**.
- 3 Press   to adjust the channel frequency or enter the channel frequency directly.
- 4 Select **[Search]** and then press **OK** to start the search.
- 5 When the channel is found, select **[Store]**, then press **OK**.
- 6 Press  to exit.

---

## Renaming Channels

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

- 1 When watching TV, press **Q FIND** (Channel Grid).  
↳ The channel grid appears.
- 2 Select the channel to be renamed and then press  **OPTIONS** and select **[Rename channel]**.  
↳ The screen for entering the channel name appears.
- 3 Press **OK**.  
↳ A dynamic keyboard for entering texts appears.
- 4 Press     to select characters and enter the channel name, then select **[Done]** and press **OK**.



### Note

- Renaming of channels is not supported on digital channels.

---

## Rearranging Channels

After you install channels, you can rearrange the order in which they appear.

- 1 When watching TV, press **Q FIND** (Channel Grid).  
↳ The channel grid appears.
- 2 Press  **OPTIONS**.  
↳ The channel options menu appears.
- 3 Select **[Reorder]** and then press **OK**.
- 4 Select the channel to rearrange and then press **OK**.  
↳ The selected channel is highlighted.
- 5 Move the highlighted channel to the desired location and then press **OK**.  
↳ A confirmation message is displayed.
- 6 Select **[No]**, then press **OK**.
- 7 Press  **OPTIONS**.
- 8 Select **[Done reordering]** and then press **OK**.

# 7 NETWORK SETTINGS

(For certain models only)

You can configure the network in order to access different networks.

## Network Type

You can select the type of network setup.

- 1 Press  (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Network settings]** > **[Network type]**.
- 3 Select **[Wired]** or **[Wireless]**.

## Wired Installation

To connect the TV to the computer network, you need to install a router in your computer network. Use an Ethernet cable to connect the router to the TV.

Use a network cable to connect the router to the network interface on the side of the TV, and switch on the router before installing the network.

## Wired network settings - Automatic search

- 1 Press  (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Network settings]** > **[Network mode]**.
- 3 Select **[DHCP & Auto IP]** and then press **OK**.
  - ↳ The network protocol will be set up automatically.

## Wired network settings - Manual entry

- 1 Press  (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Network settings]** > **[Network mode]**.
- 3 Select **[Static IP]** and then press **OK**.
  - ↳ The **[IP configuration]** option appears.
- 4 Select **[IP configuration]** and use the **numeric buttons** to enter the **[IP address]**, **[Netmask]**, **[Gateway]**, **[DNS 1]** and **[DNS 2]** configurations.
- 5 After completing the entry, select **[Done]** and then press **OK**.

## Wireless Installation

For certain models only.

To connect the TV to the wireless network, you need to insert the wireless network adapter (supplied with certain models only) into the USB1 to USB3 ports on the side of the TV.

## Wireless settings

- 1 Press  (Home).
- 2 Select **[Setup]** > **[TV settings]** > **[Network settings]** > **[Network type]** > **[Wireless]**.
- 3 Select **[Setup]** > **[TV settings]** > **[Network settings]** > **[Wireless Setting]**.
- 4 Select **[Scan]**.
- 5 Select your computer network.
  - ↳ You are prompted to enter your computer network ID.
- 6 Press **OK** to begin entering the ID with the onscreen keyboard.
- 7 Select each character, then press **OK** to enter the character. Repeat until the ID is complete.
- 8 When the ID is complete, select **[Done]** on the keyboard, then press **OK**.
- 9 Select **[Done]**, then press **OK**.
  - ↳ A confirmation message is displayed.
- 10 Select **[Close]**, then press **OK**.

## Viewing Network Settings

You can view the status of the current network setup.

- 1 Press  (Home).
- 2 Select [Setup] > [TV settings] > [Network settings] > [View network settings].
  - ↳ The current network settings will be displayed on the screen.

## Enabling DLNA

- 1 Press  (Home).
- 2 Select [Setup] > [TV settings] > [Network settings] > [DLNA].
- 3 Select [On] and then press OK.

### Note

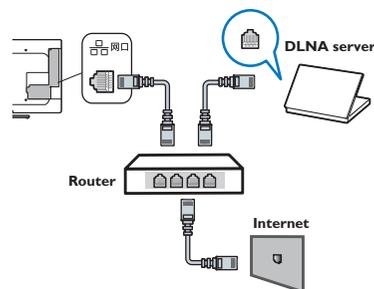
- For more detailed instructions, please refer to 'Opening the DLNA to view photos and play music or video'(page 17).

## DLNA server settings example (Windows 7 system)

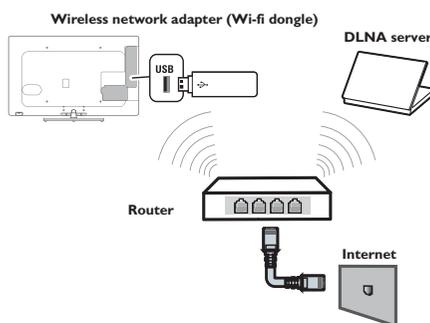
### ! Caution

- Enabling the file sharing function of a DLNA server will mean putting your contents in the public domain. The configuration method for each of the various DLNA servers (such as desktop computers, laptops, mobile phones and tablet computers) is different. Please refer to the user manual for your selected DLNA server for more details.

## Wired Installation



## Wireless Installation



When using DLNA to share files with the computer, the computer end may need to be configured as follows (applicable to the Windows 7 system):

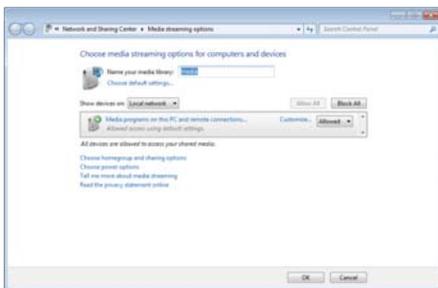
- 1 Open Windows Media Player in the computer.



- 2 Select 'More streaming options' from the 'Streaming Media' drop-down menu.



- 3 Select 'Local Network' from the 'Location of the Display Device' drop-down menu and enable the option 'Access using default settings'.



- 4 Set the pictures, music, videos, documents and other files on the computer as shared. Open Windows Media Player and click 'Manage Media Database'/'Music' under the 'Organise' drop-down menu.



- 5 Add the shared music files to it, as well as well as pictures, videos and other files.



# 8 3D Settings

(For certain models only)

You can adjust the options in 3D Settings to obtain the best 3D visual effect. After you have completed the configuration, please wear 3D spectacles properly, to watch 3D programmes.

---

## Adjusting the Settings for 2D to 3D Conversion

- 1 Press **⬆** (Home).
- 2 Select **[Setup] > [TV settings] > [3D]**.
- 3 Select **[2D to 3D] > [On]** and then press **OK**.
- 4 Select one of the following items and then press **OK**.
  - **[2D to 3D]**: Converts 2D images to 3D images, when enabled.
  - **[Depth of field]**: Adjusts the depth of field when converting 2D images to 3D images.

---

## Adjusting 3D Settings

Adjust values of the 3D settings used for 3D input signals.

---

### Adjusting the 3D signal format

- 1 Press **⬆** (Home).
- 2 Select **[Setup] > [TV settings] > [3D]**.
- 3 Select **[3D Signal Format]** and then press **OK**.
- 4 Select one of the following items and then press **OK**.

- **[Display frame packing format 3D signal]**: Superimpose frame sequencing format signals, to show 3D stereo images.
- **[Display side-by-side 3D signal]**: Superimpose left-right format signals, to show 3D stereo images.
- **[Display top-and-bottom 3D signal]**: Superimpose top-bottom format signals, to show 3D stereo images.

---

## Adjusting the depth of field

Adjusts the depth of field during playback of 3D images.

- 1 Press **⬆** (Home).
- 2 Select **[Setup] > [TV settings] > [3D]**.
- 3 Select **[Depth of field]** and then press **OK**.

---

## 3D to 2D

Converts 3D images into 2D images.

- 1 Press **⬆** (Home).
- 2 Select **[Setup] > [TV settings] > [3D]**.
- 3 Select **[3D to 2D]** and then press **OK**.



### Note

- 3D depth of field is only applicable when 2D to 3D is enabled.

# 9 CONNECTING DEVICES

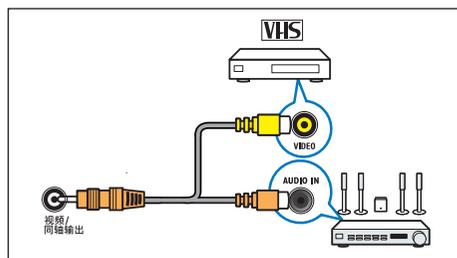
This section describes how to connect devices with different connectors.

## Note

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

## Bottom Connectors

- Video/coaxial output
  - Video output: Composite video output to analogue devices such as VCR.
  - Coaxial output Digital audio output to home theatre and other digital audio systems.



## Note

- You can only output analog TV signals.

- Headphones
 

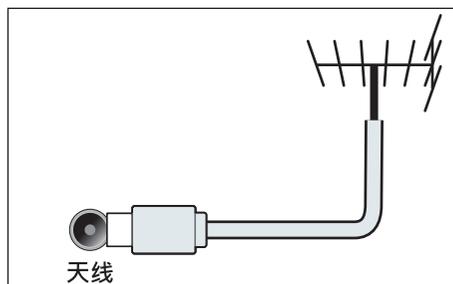
Stereo audio output to headphones or earphones.

## Note

- When the headphone is plugged in, the TV speakers will be automatically muted.

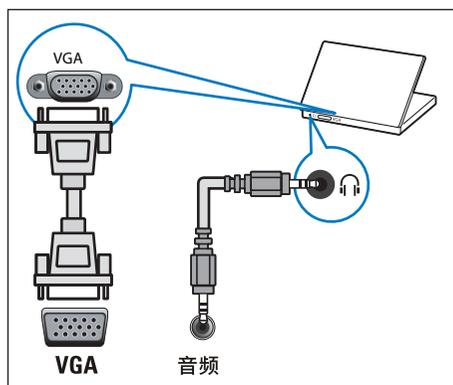
- Antenna/cable TV
 

Signal input from an antenna or cable.



- PC input (VGA and audio)
 

Audio and video input from a computer. (Note: The VGA interface of this product is designed to be slanted at 6 degrees. Please align properly with the interface when plugging and unplugging devices.)

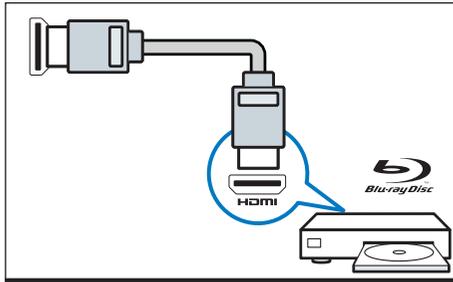


- SERV. U
 

For use by professional service personnel only.

③ HDMI 1 / HDMI 2

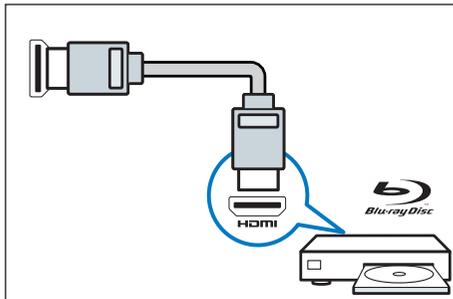
Digital audio and video input from high-definition digital devices such as Blu-ray players.



## Side Connectors

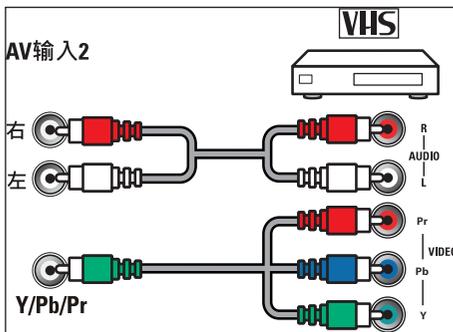
① HDMI 3 / HDMI 4

Digital audio and video input from high-definition digital devices such as Blu-ray players.



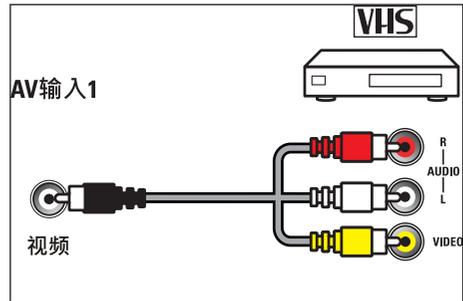
② AV input 2/YPbPr

- Audio: Audio input from analogue devices connected to the video.
- Video: Composite video input from analogue devices such as VCR.



③ AV input 1

- Audio: Audio input from analogue devices connected to the video.
- Video: Composite video input from analogue devices such as VCR.

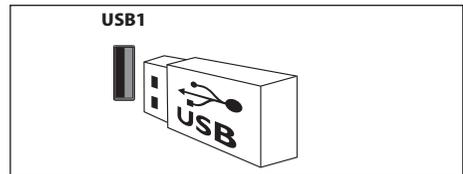


④ Ethernet port

Data input from the home network.

⑤ USB1/USB2/USB3/USB4

Data input from USB storage devices.



## Connecting a Computer

Before you connect a computer to the TV

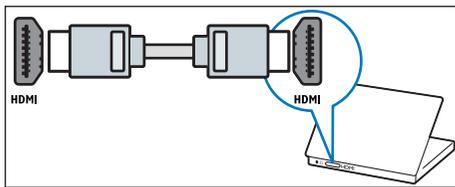
- Set the screen refresh rate on your computer to 60Hz.
- Select a supported screen resolution on your computer.

Connect a computer with one of the following connectors:

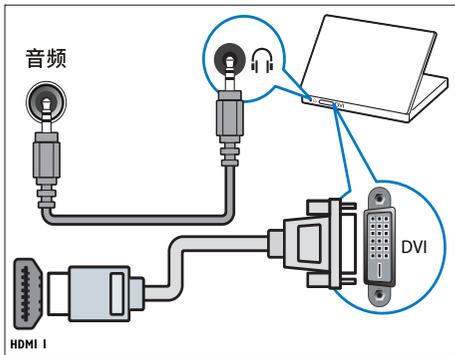
### Note

- Connections via VGA require an additional audio cable.

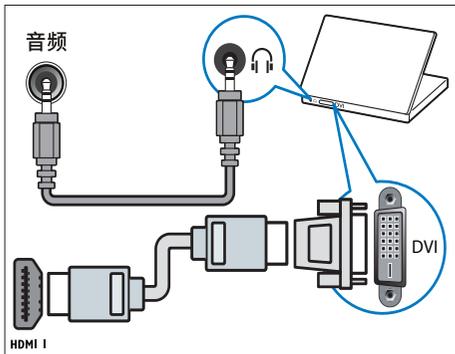
- HDMI cable



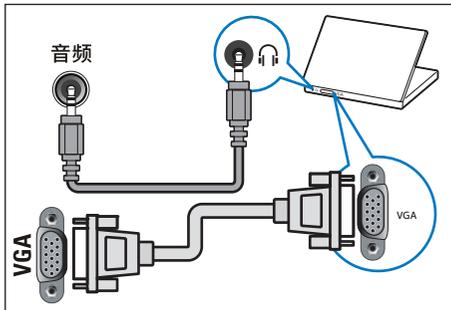
- DVI-HDMI cable



- HDMI cable and HDMI-DVI adaptor



- VGA cable

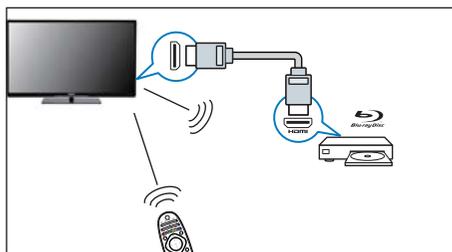


## Using Philips EasyLink

Maximising the use of your Philips EasyLink HDMI-CEC-compatible device can enhance its control functions to the maximum level of efficiency. HDMI-CEC-compliant devices that are connected through HDMI connectors can be controlled by the TV's remote control.

To enable Philips EasyLink, you'll need to:

- Connect two or more HDMI-CEC compatible devices through the HDMI interface
- Confirm that every HDMI-CEC compatible device is functioning properly.
- Switch to EasyLink



### Note

- The EasyLink-compliant device must be switched on and selected as the source.
- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

## Enabling or disabling EasyLink

After enabling the HDMI-CEC-compliant device, the TV will automatically turn on and switch to the correct source.

### Note

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

- 1 Press **Home**.
- 2 Select **[Setup] > [TV Settings] > [EasyLink] > [EasyLink]**.
- 3 Select **[Off]** or **[On]** and then press **OK**.

## Use One-touch Play

- 1 After enabling EasyLink, press play on your device.
  - ↳ The TV will automatically switch to the correct source.

## Use One-touch Standby

- 1 Press **Standby-On** on the remote control.
  - ↳ The TV and all connected HDMI devices will switch to standby.

## Setting Up the TV Speakers

(For certain models only)

- 1 Press **Home**.
- 2 Select **[Setup] > [TV settings] > [EasyLink] > [TV speakers]**.
- 3 Select one of the following items and then press **OK**.
  - **[Off]**: Switches off the TV speakers.
  - **[On]**: Switches on the TV speakers.
  - **[EasyLink]**: Audio from TV programmes continues to be broadcasted through the TV speakers. Through the Adjust menu, audio output from the TV audio is transferred to the connected HDMI-CEC audio device.
  - **[EasyLink autostart]**: Automatically disables the TV speakers and transmits audio and video signals from the TV to the connected HDMI-CEC audio frequency device.

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## Using HDMI-audio output

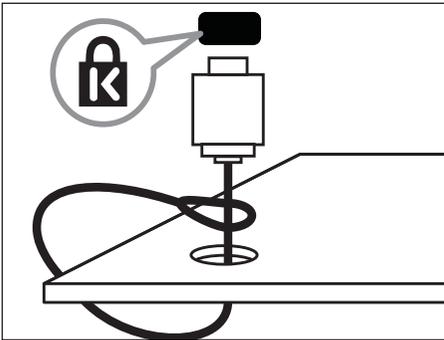
(For certain models only)

- 1 Press **⬆** (Home).
- 2 Select [Setup] > [TV settings] > [EasyLink] > [HDMI1-audio out].
- 3 Select [Off] or [On] and then press **OK**.

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## Using a Kensington Security Lock

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



# 10 PRODUCT INFORMATION

Product information is subject to change without notice. For detailed product information, please visit [www.philips.com/support](http://www.philips.com/support)

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## Supported Input Signal Formats

### Computer Formats

- Resolution - refresh rate:
  - 640 × 480 - 60Hz
  - 800 × 600 - 60Hz
  - 1024 × 768 - 60Hz
  - 1280 × 1024 - 60Hz
  - 1360 × 768 - 60Hz
  - 1920 × 1080 - R 60Hz  
(Limited to FULL HD, R: reduce blanking time)

### Video Formats

- Resolution - refresh rate:
  - 480i - 60Hz
  - 480p - 60Hz
  - 576i - 50Hz
  - 576p - 50Hz
  - 720p - 50Hz, 60Hz
  - 1080i - 50Hz, 60Hz
  - 1080p - 50Hz, 60Hz.

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## Multimedia

- Supported storage device: USB (only FAT or FAT 32 USB storage devices are supported.)
- Compatible multimedia file formats:
  - Image: JPEG
  - Audio: MP3
  - Video: MPEG 2/MPEG 4, H.264, WMV

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## Tuner / Reception / Transmission

- Aerial input: 75 ohm coaxial (IEC75)
- TV system: PAL D/K
- Video playback: NTSC, SECAM, PAL
- Tuner bands: UHF, VHF

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## Remote Control

- Batteries: 2 × AAA (LR03 type)

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## Power

- Mains power: 220 - 240 V, 50-60 Hz
- Standby power: ≤ 0.5 W
- Ambient temperature: 5 to 40 degrees Celsius
- For power consumption, see the product specifications at [www.philips.com/support](http://www.philips.com/support).

## Supported TV Mounts

To mount the TV, please purchase a Philips TV mount.



### Warning

- Follow all instructions provided with the TV mount. TP Vision Netherlands B.V. bears no responsibility for improper TV mounting that results in accident, injury or damage.

- Please first lock the mount behind the TV.
- 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 locked TV (including the protruding parts of the speakers) to the wall.
- Make sure that your mounting bolts follow these specifications:

TV	Required Pitch (mm)	Required Mounting Screws
47PFL60x7	400 x 400	4 x M6 (15mm)
42PFL60x7	400 x 400	4 x M6 (15mm)
46PFL55x7/ 46PFL50x7/ 42PFL55x7/ 42PFL50x7	400 x 400	4 x M6 (15 mm)
32PFL50x7	200 x 100	4 x M4 (12mm)

## Energy Efficiency According to China's Standards

Pursuant to the "Limited Values of Energy Efficiency and Rating Criteria of Flat Panel TVs" of the People's Republic of China, this LCD TV meets the following requirements:

Model No.	42PFL6007	47PFL6007
Energy efficiency index (EEI <sub>LCD</sub> )	1.9	1.9
Passive standby power (W)	≤0.50	≤0.50
Energy efficiency rating	Level 1	Level 1
Energy efficiency standard	GB 24850-2010	GB 24850-2010

Model No.	42PFL5507	46PFL5507
Energy efficiency index (EEI <sub>LCD</sub> )	1.9	1.9
Passive standby power (W)	≤0.50	≤0.50
Energy efficiency rating	Level 1	Level 1
Energy efficiency standard	GB 24850-2010	GB 24850-2010

Model No.	32PFL5007	42PFL5007	46PFL5007
Energy efficiency index (EEI <sub>LCD</sub> )	1.0	1.0	1.9
Passive standby power (W)	≤0.50	≤0.50	≤0.50
Energy efficiency rating	Level 2	Level 2	Level 1
Energy efficiency standard	GB 24850-2010	GB 24850-2010	GB 24850-2010

# 11 TROUBLESHOOTING

This section describes the 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 before reconnecting 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.
- Please 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 continues to occur, please contact Philips Customer Care Centre.

You forgot the code to unlock the TV lock feature

- Enter '8888'.

The TV menu is displayed in the wrong language.

- Change the TV menu to your preferred language.

When turning the TV on/off or 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 down and warms up. This does not impact performance.

An “e-sticker” banner displaying information appears on the TV display and cannot be removed.

- To remove logos and pictures from the display, set the **[Location]** of your TV to **[Home]** mode.
  1. Press **⬆** (Home).
  2. Select **[Setup] > [TV settings] > [Preferences] > [Location]**.
  3. Select **[Home]** and then press **OK**.

## TV Channel Issues

Previously installed channels do not appear in the channel list:

- Check that the correct channel list is selected.

## 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.
- Loudspeakers, 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, please 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. Please check the signal output of the device.

## Sound Issues

There is a picture but sound quality is poor:



### 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 a picture but sound quality is poor:

- Check that the sound settings are correctly set.

There is a picture but sound comes from one speaker only:

- Verify that sound balance is set to the centre.

There is a picture in the TV channel, but the sound is noisy

- Check that the sound system setting of the channel settings is correctly set.

## HDMI Connection Issues

There are problems with HDMI devices:

- Please 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 recognise the HDMI device and no picture is displayed, please try switching the signal source from one device to another and back again.
- If there are intermittent sound disruptions, please check that output settings from the HDMI device are correct.

## 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.

## Network Connection Issues

Web browsing is not working properly:

- If the router connection settings are correct, please check the connection between the router and the Internet.

Computer or web browsing speed is very slow:

- Please refer to the router's user manual, to have a better understanding of the transmission rate and other signal quality factors.
- You need to have a high-speed Internet connection that can work with the router.

## Contact Us

If you cannot resolve your problem, please refer to the FAQs for this TV at [www.philips.com/support](http://www.philips.com/support).

If the problem remains unresolved, please contact the 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 of the TV and on the packaging.

# CHINAS' POLLUTION CONTROL LABELLING REQUIREMENTS FOR ELECTRONIC INFORMATION PRODUCTS

Table of the Name and Contents of Toxic and Hazardous Substances or Elements Contained in this Product

Part Name	Toxic and Hazardous Substances or Elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6 +)	Polybrominated biphenyls (PBBs)	Polybrominated diphenyl ethers (PBDEs)
Plastic frame	○	○	○	○	○	○
Rear chassis	○	○	○	○	○	○
LCD panel	CCFL	×	×	○	○	○
	LED	×	○	○	○	○
Power supply's baseplate	×	○	○	○	○	○
Main baseplate	×	○	○	○	○	○
Keypad baseplate	×	○	○	○	○	○
Base	○	○	○	○	○	○
Power cable	×	○	○	○	○	○
Other materials	×	○	○	○	○	○
Remote Control	×	○	○	○	○	○
<p>*:The circuit board assemblies, including the printed circuit board and its component parts, such as resistors, capacitors, integrated circuits and connectors.</p> <p>○: It indicates that this hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006 (Limit Requirements for Toxic and Hazardous Substances in Electronic Information Products).</p> <p>×: It indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006 (Limit Requirements for Toxic and Hazardous Substances in Electronic Information Products).</p> <p>Note:The hazardous substance contained in some of the parts represented by "×" above exceeds the limit requirement due to limitations of the existing technological capabilities of the industry, and use thereof is, for the time being, unable to be replaced or reduced.</p>						



## Environmental Protection Use Period

This logo labelled on the product itself indicates that the environmental protection use period thereof is 10 years.

The environmental protection use period of electrical information products means the period whereby the toxic and hazardous substances or elements contained therein will not leak or become deformed, and the users of such products will not cause any serious environmental pollution or damages.

During the environmental protection use period, please use this product according to the instructions given in this user manual.

The environmental protection use period does not cover consumable parts: the battery.

### **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, when the user no longer needs to use this product, or it has reached the end of the use period, please adhere to the national and applicable laws in relation to the recycling management of waste electrical and electronics products.



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Document order number: X41G39MV81301A

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