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42PFL7503



EN LCD television

NL LCD televisie

310431527321



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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 appear constantly on the screen. This is a structural property of the display (within common industry standards) and is not a malfunction.

Open source software

This television contains open source software. Philips hereby offers to deliver or make available, upon request, for a charge no more than the cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code on a medium customarily used for software interchange. This offer is valid for a period of 3

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To obtain the source code, write to Philips Innovative Applications N.V. Ass. to the Development Manager Pathoekeweg 11 B-8000 Brugge Belgium

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1 Important

Read this user manual before you start to use this product.

Pay attention to this section and closely follow the instructions. The warranty does not apply to damage caused by not taking into account the instructions.

1.1 Safety

- To avoid short circuit, never expose the product to rain or water.
- To avoid a risk of fire or electric shock never place naked flame sources (e.g. lighted candles) close to the TV.
- Leave a space of at least 10cm (4 inches) all around the TV for ventilation.
- Keep away from radiators or other heat sources.
- Never install the TV in a confined space such as a book case. Make sure that curtains, cupboards and so on cannot obstruct the air flow through the ventilation slots.
- To prevent damage, never insert any object into the ventilation slots.
- Make sure the TV cannot fall down. Place the TV on a solid and flat surface and only use the stand provided with the TV.
- To prevent damaging the mains cord, never place the TV, or anything else, on the cord. Damage the cord may cause a fire or electric shock.
- When mounted on a swivel stand or VESA wall bracket avoid force coming on the mains plugs. Mains plugs that are partly loosened can cause arcing or fire.

1.2 Care of the screen

- Unplug the TV before cleaning.
- Clean the surface of the TV screen with a soft damp cloth. When a damp cloth is insufficient, use a special LCD screen cleaner. Never apply any other substance (chemical or household cleaning agent). This may damage the screen.
- Never touch, push or rub or strike the screen with anything hard as this may scratch, mar or damage the screen permanently.
- To avoid deformations and colour fading, wipe off water drops as soon as possible.

- Stationary images
Avoid stationary images as much as possible. If you cannot, reduce screen contrast and brightness to prevent damage to the screen. Stationary images are images that remain on the screen for a long time. Examples of stationary images are: on screen menus, teletext pages, black bars, stock market information, TV channel logos, time displays, and so on.

1.3 Recycling

- Take the packaging to your local recycling centre.
- Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European directive 2002/96/EC.

Never dispose of your product with other household waste. Please inform yourself about the local rules on separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste. Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences for the environment and human health.

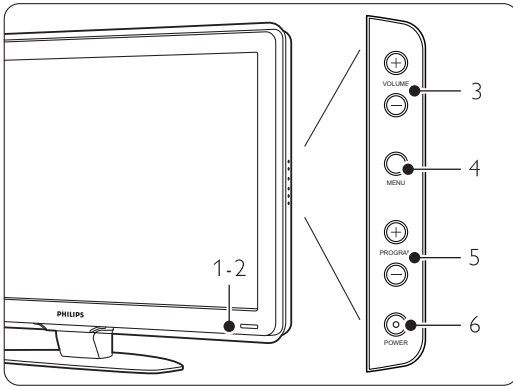


2 Your TV

This section gives you an overview of the controls and functions of this TV.

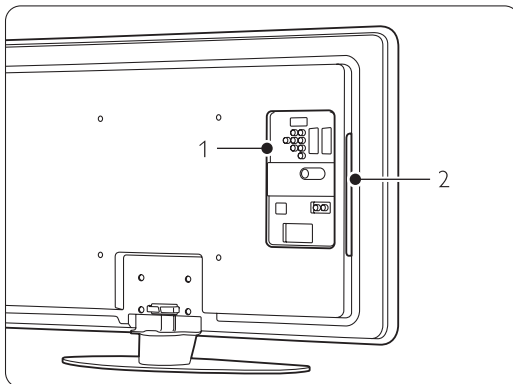
2.1 Television overview

Controls



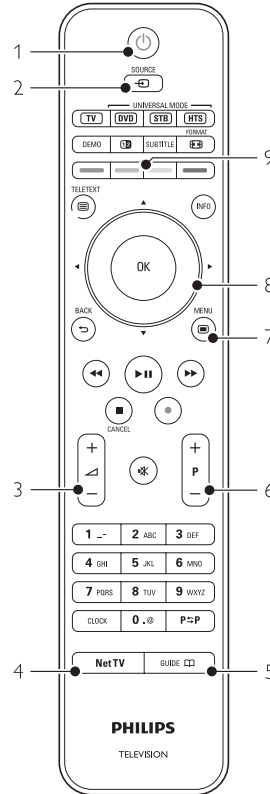
- 1 Indicator light
- 2 Remote control sensor
- 3 Volume up and down
- 4 Menu
- 5 Program/Channel up and down
- 6 Power switch

Connectors



- 1 Back connectors
 - 2 Side connectors
- For more info see section **7 Connections**.

Remote control



- 1 Switch On or switch to Standby
- 2 Watch a connected device - DVD, VCR ...
- 3 Volume up + or down -
- 4 Net TV
- 5 Programme guide
- 6 Program/Channel up + and down -
- 7 Menu On or Off
- 8 Navigation and Rotary key
- 9 Colour keys

For more info see section **5.1.1 Remote control overview**.

2.2 Product highlights

Your new TV is equipped with some of the most modern audio or video innovations. Your TV offers the following advantages ...

Full High Definition LCD display

A full HD resolution of 1920x1080p, the highest resolution of HD sources. It offers a brilliant flicker-free progressive scan picture with optimum brightness and superb colours.

100Hz Clear LCD

100Hz Clear LCD gives a superior motion sharpness, better black level, high contrast with a flicker-free, quiet image and a larger viewing angle.

Electronic Programme Guide - EPG

The EPG shows the scheduled TV programmes on screen. The guide can remind you when programmes start, switch the TV on, etc.

HDMI connectors

HDMI connectors for highest quality high definition connectivity.

USB connection / PC network connection

Multimedia connection for instantly view or play your photos or music.

Net TV

Link up your TV on the Net TV start page. This enables several online services and programmes such as photos, games, programme guide. You can also update the software of your TV with the internet.

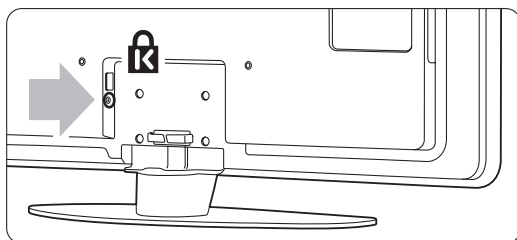
3 Get started

This section helps you with the positioning and the first time installation of the TV.

3.1 Position the TV

Carefully read the safety precautions in section 1.1 Safety before you position the TV.

- Large screen TVs are heavy. Carry and handle the TV with at least two persons.
- The ideal distance from which to watch TV is three times its diagonal screen size.
- Position the TV where light does not fall directly on the screen.
- Your TV is equipped with a Kensington Security Slot at the back of the TV for an anti-theft lock (not supplied).



3.2 Wall mounting - VESA

⚠ Caution

Consider the TV's weight when you wall mount it. Improper mounting can result in severe injury or damage. Koninklijke Philips Electronics N.V. bears no responsibility for improper mounting or mounting that results in accident or injury.

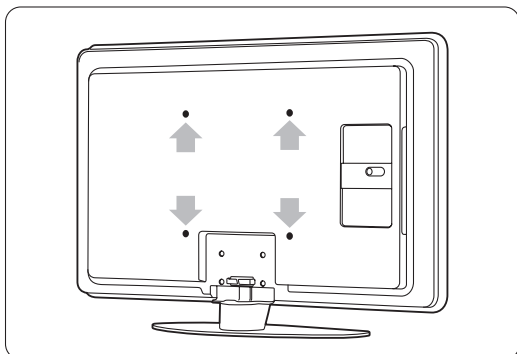
Your TV is prepared for VESA compliant wall mounting. This bracket is not included. You need one of the VESA codes hereunder to purchase the bracket that fits your TV.

VESA MIS-F 400, 400, 8

Ask your dealer for more info on stands and wallmount brackets.

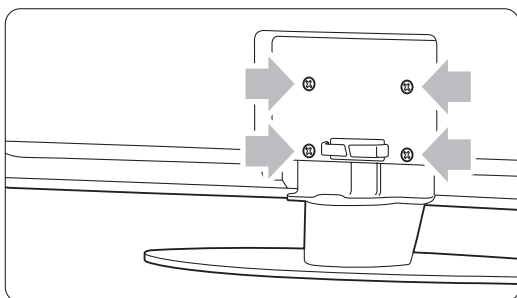
The VESA fixation points

Locate the four fixation points at the back of the TV.

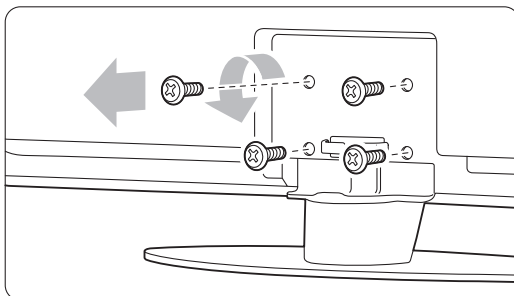


Unmount the TV stand

- 1 Locate the four screws of the TV stand.



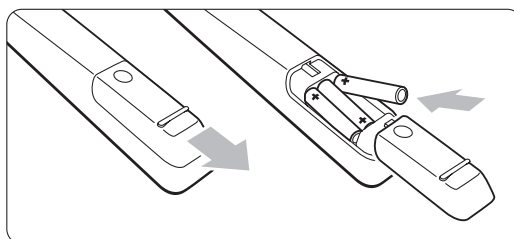
- 2 Unscrew the screws.



- 3 Lift the TV off the stand.

3.3 Remote control batteries


- 1 Open the battery cover on the back of the remote control.
- 2 Insert the 3 batteries supplied (Type AAA-LR03-1,5V). Make sure the + and - ends of the batteries line up correctly (inside of case is marked.)
- 3 Close the cover.

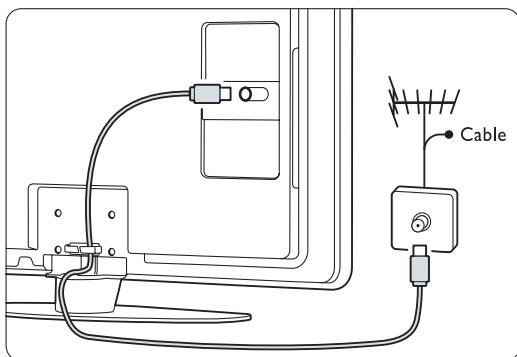


ⓘ Note

Remove the batteries if not using the remote control for an extended period of time.

3.4 Antenna cable

- 1 Locate the antenna connection at the back of the TV.
- 2 Insert the antenna cable tightly into the **Antenna**  socket.



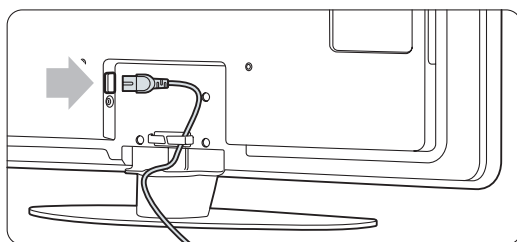
3.5 Power cable

Keep the mains plug at the wall socket accessible at all time.

The TV is never powered off completely and consumes energy unless the mains cord is physically unplugged.

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

- 1 Verify that your mains voltage corresponds with the voltage printed on the sticker at the back of the TV. Never insert the mains cord if the voltage is different.
- 2 Insert the mains cord tightly.



4 Use your TV



Learn how to operate your TV for daily use.

4.1 Turn on or off - Standby


Note

The TV may take up to 15 seconds to turn on.


To turn on the TV:

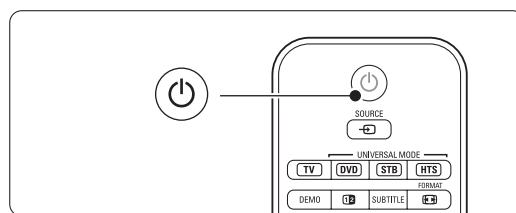
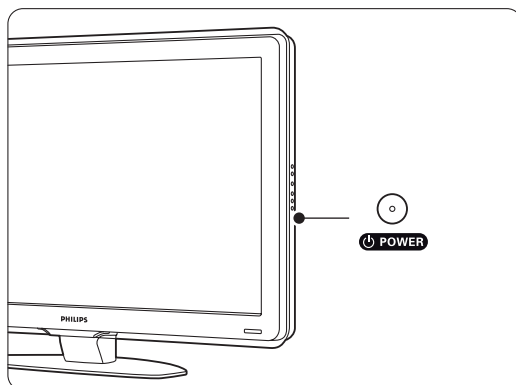
- Press  **Power** at the right of the TV if the standby indicator is off.
- Press  on the remote control if the standby indicator is on.

To switch to standby:

- Press  on the remote control.

To turn off:

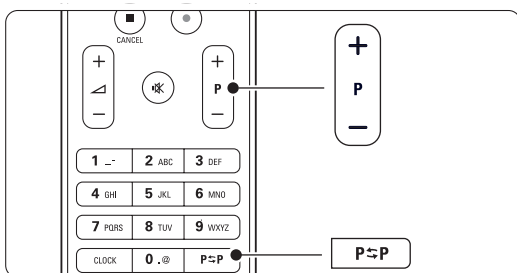
- Press  **Power** at the side of the TV.



4.2 Watch TV

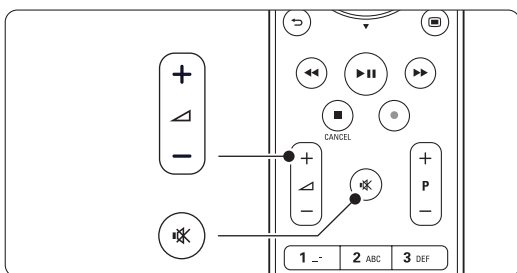
4.2.1 Switch channels

- 1 To switch TV channels:
 - Press a number (1 to 999) or press **P+** or **P-** on your remote control.
 - Press **Program/Channel -** or **+** on the side controls of the TV.
- 2 Press **P⇌P** to return to the previously viewed TV channel or connected device.



4.2.2 Adjust volume


- 1 To adjust the volume:
 - Press **▲** or **-** on the remote control
 - Press **Volume +** or **-** on the side controls of your TV.
- 2 To mute the sound:
 - Press **⊘**.
 - Press **⊘** again to restore the sound.

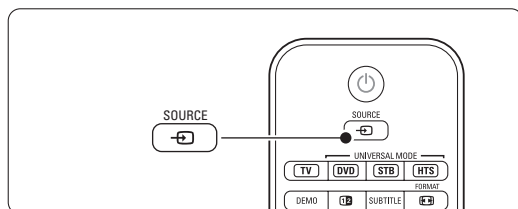


4.3 Watch channels from a digital receiver

- 1 Switch on the digital receiver.
The picture from your receiver automatically appears on the screen.
- 2 Use the remote control of your digital receiver to select TV channels.

If the picture does not appear:

- 1 Press the **Source**  key.
- 2 Press **▲** or **▼** to select where you connected your digital receiver.
- 3 Press **OK**.




Note

When you did not connect your devices yet, go to section **7 Connections**.

4.4 Watch connected devices

- 1 Switch on the device.
The picture from your device automatically appears on the screen.

If the picture does not appear:

- 2 Press the **Source**  key.
- 3 Press **▲** or **▼** to select where you connected your device.
- 4 Press **OK**.


Note

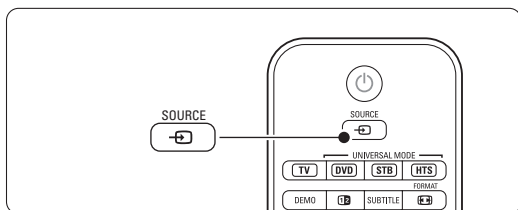
When you did not connect your devices yet, go to section **7 Connections**.

4.5 Watch a DVD

- 1 Switch on your DVD player.
- 2 Insert a DVD disc in your player.
The DVD picture automatically appears on the screen.
- 3 Press **Play** ► on the DVD player.

If the picture does not appear:


- 1 Press the **Source**  key.
- 2 Press ▲ or ▼ to select where you connected your DVD player.
- 3 Press **OK**.
Wait a few seconds until the picture appears.
- 4 Press **Play** ►.

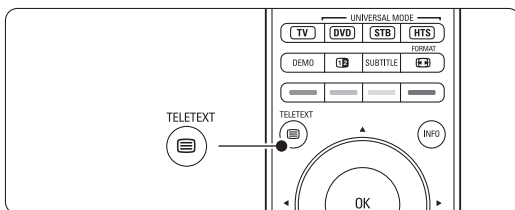


4.6 Select a Teletext page

Most TV channels broadcast information through Teletext.


To watch Teletext:

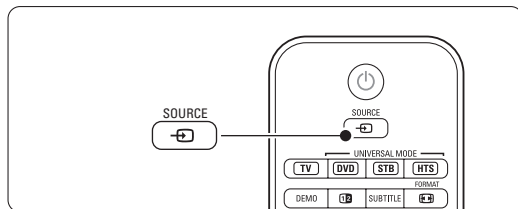
- 1 Press **Teletext**.
The main index page appears.
- 2 To select a page of your choice:
 - Enter the page number with the number keys.
 - Press **P-** or **P+** or ▲ or ▼ or the  key to view the next or the previous page.
 - Press a colour key to select one of the colour coded items at the bottom of the screen.
 - Press **P⇄P** to return to the previously viewed page.
- 3 Press **Teletext** again to switch Teletext off.



For more information on teletext, see section 5.4 **Teletext**.

4.7 Watch photos and listen to your music from your PC

- 1 Press the **Source**  key on the remote control.
- 2 Press ▲ or ▼ to select **PC network**.
- 3 Press **OK**.



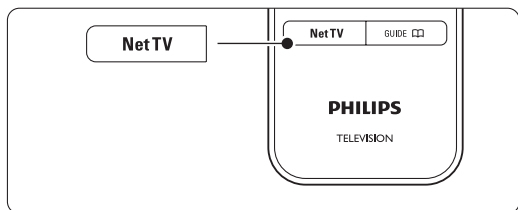
Note

When you did not complete the setup, follow the instructions on screen or see section 7.6 **PC network**.

- 4 Use the colour and navigation keys to browse your folders or play your files.

4.8 Watch Net TV

- 1 Press the **Net TV** key on the remote control.
Your TV will automatically attempt to display the Net TV start page.
The Net TV start page displays a series of content providers, arranged in thumbnails, available to view.



Note

When you did not complete the setup, follow the instructions on screen or see section 7.5 **Net TV setup**.

- 2 Use the cursor keys ◀ or ▶, ▲ or ▼ to choose a content service provider.
If asked, agree to the End User License Agreement.
- 3 Press **OK** to open the service you want to enter.

5 Use more of your TV

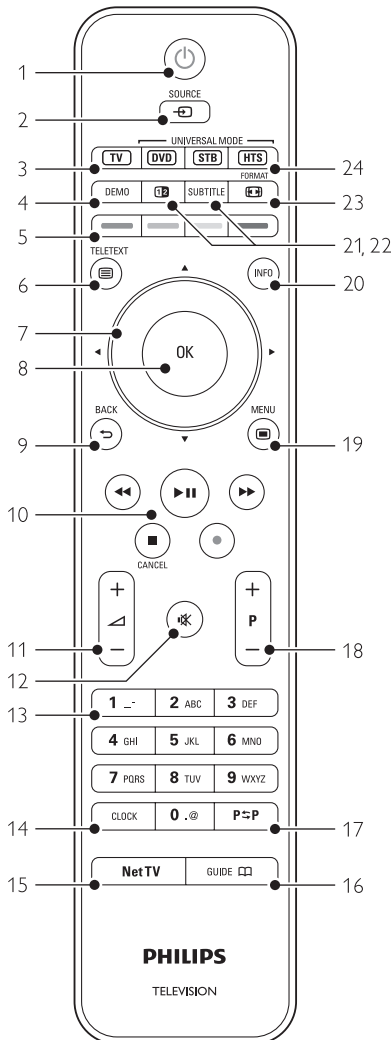
This section helps you perform advanced TV operations including how to:

- use the menus
- adjust picture and sound settings
- make use of Teletext
- create favourite channel lists

- make advantage of Electronic Programme Guide
- set locks and timers
- set subtitles
- view your photos or play your favourite music from a USB memory device or from your PC or Home network.
- link up your TV on the Net TV startpage.






5.1 Remote control

5.1.1 Remote control overview



RC4493 5 1 ens

- 1 Standby** To switch the TV on or back to standby.
- 2 Source**
 - To switch the Source menu on or off.
 - To select a connected device or to return to TV.
- 3 TV** Sets the remote control in TV mode.
- 4 Demo** To switch the Demo menu on and to get a demonstration of the features of the TV.
- 5 Colour keys**
 - Easy selection of teletext pages.
 - Easy selection of tasks.
- 6 Teletext** To switch teletext on or off.
- 7 Navigation and rotary key** To navigate (▲, ▼, ◀, ▶) or turn left or right to go through lists or settings.
- 8 OK**
 - To display the channel list.
 - To activate a setting.
- 9 Back key** To select the previous programme or the previous TXT page. To remove the channel list.
- 10 Audio and video keys** To operate a DVD player or recorder; Blu-ray Disc player or VCR. **Cancel** no function
- 11 Volume** To adjust the volume.
- 12 Mute** To mute the sound or restore it.
- 13 Number keys** To select a TV channel.
- 14 Clock** To display the time on screen.



- 15 **Net TV**
To link up your TV on a the Net TV startpage.
- 16 **Guide** 
To switch on or off the Electronic Programme Guide.
- 17 **Previous channel** 
To return to the previously viewed channel
- 18 **+P- Channel up or down**
To switch to the next or previous channel in the channel list.
- 19 **Menu** 
To switch the menu on or off
- 20 **On screen information** **INFO**
To show channel or programme information if available.
- 21 **Dual screen** 
To show teletext on the right and the picture on the left of the screen.
- 22 **Subtitle**
To activate or deactivate the subtitle mode.
- 23 **Widescreen Picture format** 
To select a picture format.
- 24 **DVD STB HTS**
To control connected devices.

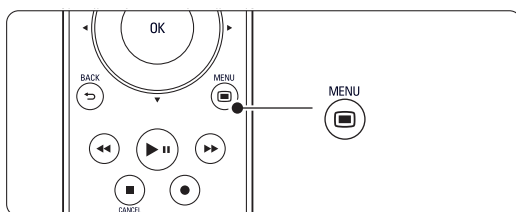
See section **10 Index** to find the section in the manual about a specific remote control key.

5.2 TV menus

With the on screen menus you install your TV, adjust picture and sound settings and access features. This section gives an overview of the menus and describes how to navigate.

5.2.1 The menu

- 1** Press **Menu**  to show the TV menu.
- 2** Press **Menu**  to quit the TV menu.



The **TV menu** offers the following items:

TV menu
Smart settings
Picture
Sound
Settings assistant
Features
Setup

- **Smart settings**
Select this item to set the TV to one of the predefined settings. Each setting combines picture and sound.
- **Picture**
Select this menu item to adjust all picture settings.
- **Sound**
Select this menu item to adjust all sound settings.
- **Settings assistant**
Use the Settings assistant to guide you through basic picture and sound settings in an easy way.
- **Features**
Select this item for other feature settings.
- **Setup**
Select this item
 - for installation and to update the TV software;
 - to use the connection assistant which will help you to connect your devices to the TV.

5.2.2 Use of the menu

Learn to use the menus with this example.

1 Press **Menu** .

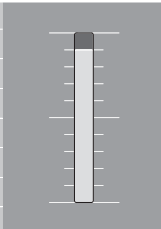
The TV menu appears on the screen.

TV menu
Smart settings
Picture
Sound
Settings assistant
Features
Setup

2 Press **▲** or **▼** to select **Picture**.

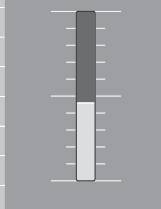
3 Press **▶** to enter the picture settings.

Picture	Contrast
Contrast	90
Brightness	47
Colour	52
Hue	0
Sharpness	4
Noise reduction	
Tint	
...	




4 Press **▼** to select **Brightness**.


Picture	Brightness
Contrast	98
Brightness	47
Colour	52
Hue	0
Sharpness	4
Noise reduction	
Tint	
...	



5 Press **▶** to enter the brightness setting.

Brightness


6 Press **▲** or **▼** to adjust the setting.


7 Press **◀** to return to the Picture settings or press **Menu**  to quit the TV menu.

5.3 Picture and Sound settings

The first time you switched on the TV you have selected your preferred settings for picture and sound. The following sections describe how to modify or read just those settings.

5.3.1 Smart settings


Set the TV to one of the predefined settings. Each setting combines picture and sound.

1 Press **Menu**  and select **Smart settings**.

2 Press **▶** to enter the list.

3 Press **▲** or **▼** to select a setting.

4 Press **OK**.

5 Press **Menu**  to quit the TV menu.

Smart settings: Personal, Vivid, Standard, Movie, Energy saving, Game.

5.3.2 Settings assistant

Use the Settings assistant to guide you through basic picture and sound settings in an easy way.

1 Press **Menu** , select Follow the instructions on screen.

2 Select **Settings assistant** and press **▶** to enter.

3 Press the green key to start the assistant.


4 Press **◀** or **▶** to select the left or right side to make your choice.

5 Press the green key to go to the next setting. Go through several settings.

6 When finished, press the green key to store all your settings.

5.3.3 Picture settings

This section describes how to adjust all picture settings individually.

1 Press **Menu** .

2 Select **Picture** and press **▶** to enter the list.

3 Press **▲** or **▼** to select a setting.

TV menu	Picture
Smart settings	Contrast
Picture	Brightness
Sound	Colour
Settings assistant	Hue
Features	Sharpness
Setup	Noise reduction
	Tint
	Pixel Plus
	Active control
	Light sensor
	Picture format
	Auto format mode

- **Contrast**
Changes the level of bright parts in the picture but keeps the dark parts unchanged.
- **Brightness**
Changes the level of light of the total picture.
- **Colour**
Changes the level of saturation.
- **Hue**
If NTSC is broadcasted, this level compensates the colour variations.
- **Sharpness**
Changes the level of sharpness of fine details.
- **Noise reduction**
Filters out and reduces the noise in the picture. Set the level to Minimum, Medium, Maximum or Off.
- **Tint**
Sets the colours to Normal, Warm (reddish) or Cool (bluish). Select Custom to make a setting of your own in the Custom menu.
 - **Custom**
Press the green key to select each bar to change the value of:
 - R-WP red whitepoint
 - G-WP green whitepoint
 - B-WP blue whitepoint
 - R-BL red blacklevel
 - G-BL green blacklevel
- **Pixel Plus**
Controls the advanced settings of the Pixel Plus Engine, resulting in best sharpness, contrast, colour and motion.





Picture	Pixel Plus
...	HD Natural Motion
Noise reduction	100 Hz Clear LCD
Tint	Advanced sharpn...
Pixel Plus	Dynamic contrast
Active control	Dynamic backlight
Light sensor	MPEG artefact red...
Picture format	Colour enhance...
Auto format mode	

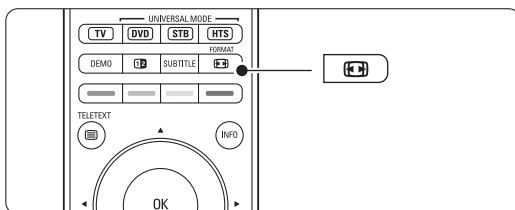
- **HD Natural Motion**
Removes motion judder and reproduces smooth movement especially in movies.
- **100 Hz Clear LCD**
Gives a superior motion sharpness, better black level, high contrast with a flicker-free, quiet image and a larger viewing angle.
- **Advanced sharpness**
Enables superior sharpness, especially on lines and contours in the picture.

- **Dynamic contrast**
Sets the level at which the TV automatically enhances the details in dark, middle and light areas of the picture.
- **Dynamic backlight**
Sets the level at which power consumption can be reduced by dimming the brightness intensity of the screen.
Choose for the best power consumption or for the picture with the best brightness intensity.
- **MPEG artefact reduction**
Smooths the digital transitions in the picture.
- **Colour enhancement**
Makes the colours more vivid and improves the resolution of details in bright colours
- **Active control**
Corrects all incoming signals in order to provide the best picture possible.
Switches Active control on or off.
- **Light sensor**
Adjusts the picture settings on the lighting conditions of the room. Switches Light sensor on or off.
- **Picture format / Auto format mode**
See section 5.3.4 Widescreen picture format.

5.3.4 Widescreen picture format

Avoid black bars on the sides or on top and bottom of the picture. Change the picture format to a format that fills the screen.

- 1 Press  to switch on the Picture format menu.
- 2 Press  or  to select an available picture format.
- 3 Press **OK**.
- 4 Press  to shift the picture upwards if subtitles are hidden.

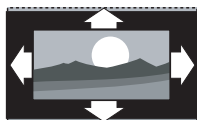


- **Tip**
For minimal distortion, select the Auto format setting.

- **Auto format** (Not for PC.)
Enlarges the picture automatically to fill the screen. Subtitles remain visible. You can set Auto format in two different modes.

1 In the TV menu, select Picture > **Auto format mode**.

2 Select **Auto-fill** to fill the screen as much as possible. Select **Auto-zoom** to keep the original picture format but black bars may be visible.



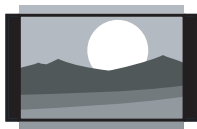
- **Super zoom** (Not for HD.)
Removes the black bars on the side of 4:3 broadcasts. There is a minimal distortion.



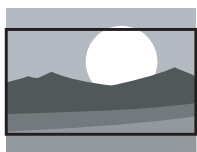
- **4:3** (Not for HD.)
Shows the classical 4:3 format.



- **Movie expand 14:9** (Not for HD.)
Scales the format to 14:9.



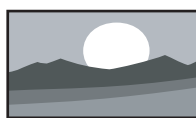
- **Movie expand 16:9** (Not for HD.)
Scales the format to 16:9.



- **Wide screen**
Stretches the format to 16:9.



- **Unscaled** (Only for HD and PC.)
Maximum sharpness. Distortion may appear on borders. Black bars may appear with pictures from your PC.



Note

Never forget to name the connection in the Connection menu. See section 7.7.1 Naming your devices.

5.3.5 Sound settings

This section describes how to adjust all sound settings.

- 1** Press **Menu** and select **Sound**.
- 2** Press **▶** to enter the list.
- 3** Press **▲** or **▼** to select a setting.

TV menu	Sound
Smart settings	Equalizer
Picture	Volume
Sound	Balance
Settings assistant	Audio language
Features	Dual I/II
Setup	Mono/Stereo
	TV speakers
	Surround
	Headphone volume
	Auto volume level...
	Delta volume

- **Equalizer**
Changes the bass and treble of the sound. Select each bar to change the setting.
- **Volume**
Changes the volume. When adjusting the volume with a volume bar appears. If you do not want it to appear go to Menu > Setup > Installation > **Preferences** and press **▶** to enter the list and select Volume bar off.
- **Balance**
Sets the balance of the left and right loudspeakers to fit best your listening position.
- **Dual I/II**
If broadcasted, you can choose between two different languages.
- **Mono/stereo**
If stereo broadcasting is available, you can select Mono or Stereo per TV channel.
- **TV speakers**
If you have connected an audio system to your TV, you can switch off the TV speakers. If your audio system supports Easylink, see section 7.2.2 HDMI with Easylink. Select **Automatic** to have the sound from your TV automatically reproduced by your audio system.
- **Surround**
To select a more spatial sound if broadcasted or if available from a connected device. Select **On** or **Off**.
- **Headphone volume**
Changes the volume of the headphone. You can mute the TV speakers with on the remote control.

- **Auto volume levelling**

Reduces sudden volume differences like at the beginning of commercials or when switching from one channel to another.

Select on or off.

- **Delta volume**

Levels out volume differences between channels or connected devices.

- 1 Switch to the channel or device you want to level out the volume difference.
- 2 Select **Delta volume** in the Sound menu and change the volume level.

5.4 Teletext

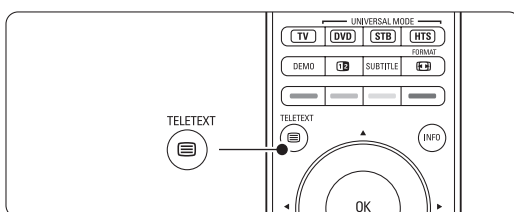
Your TV has a 1200 pages memory that stores broadcasted teletext pages and subpages to reduce waiting time.

To select a teletext page see section **4.6 Select a Teletext page**.

5.4.1 Select pagenumber subpages

A teletext page number can hold several subpages. The pages are shown on a bar next to the main pagenumber.

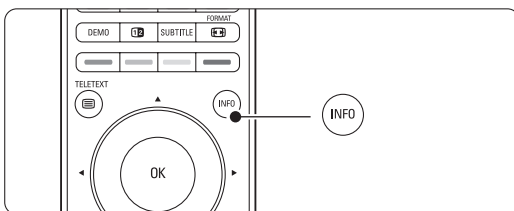
- 1 Press **Teletext**.
- 2 Select a teletext page.
- 3 Press **◀** or **▶** to select a subpage.



5.4.2 Select T.O.P. teletext broadcasts

T.O.P. teletext (Table of Pages) is not broadcast by all TV channels. You can easily jump from one subject to another without using pagenumbers.

- 1 Press **Teletext**.
- 2 Press **Info**.
- 3 Use **◀** or **▶**, **▲** or **▼** to select a subject.
- 4 Press **OK** to view the page.



5.4.3 Dual screen teletext

View the TV channel and teletext next to each other.

- 1 Press **12** for Dual screen teletext.
- 2 Press **Teletext** again to show normal teletext.
- 3 Press **Teletext** to switch off teletext.

5.4.4 Search teletext

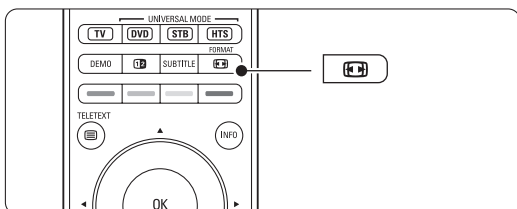
Quickly jump to a subject linked to a series of pagenumbers or search for specific words in teletext pages.

- 1 Press **Teletext**.
- 2 Press **OK** to highlight the first word or number.
- 3 Press **◀** or **▶**, **▲** or **▼** to jump to the next word or number on the page.
- 4 Press **OK** to search a page which holds the highlighted word or number.
- 5 Press **▲** until no word or number is highlighted to quit Search.

5.4.5 Enlarge teletext pages

For a more comfortable reading, you can enlarge the teletext page.

- 1 Press **Teletext** and select a teletext page.
- 2 Press **(K)** to enlarge the top part of the page.
- 3 Press **(K)** again to view the enlarged lower part of the page.
- 4 Press **▲** or **▼** to scroll through the enlarged page.
- 5 Press **(K)** again to return to the normal page size.

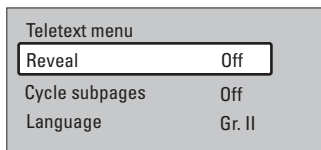


5.4.6 Teletext menu

With the options in the teletext menu you can reveal hidden info, let cycle subpages automatically and change the character setting.

- **Reveal**
Hide or unhide hidden information on a page, such as solutions to riddles or puzzles.
- **Cycle subpages**
If subpages are available for the selected page, you can make subpages cycle automatically.
- **Language**
Some languages use a different set of characters. Switch to the other group to show the text correctly.

- 1 Press **Teletext**.
- 2 Press **Menu** **(M)**.



- 3 Press **▲** or **▼** to select an option.
- 4 Press **OK** to change a setting.
- 5 Press **Menu** **(M)** to quit the teletext menu.
- 6 Press **Teletext** to switch off teletext.

5.4.7 Teletext 2.5

If broadcasted by the TV channel this teletext offers more colours and better graphics.

Teletext 2.5 is switched on as a factory setting.

- 1 Press **Menu** **(M)** on the remote control and select **Setup > Installation > Preferences > Teletext 2.5** and press **▶** to enter the list.
- 2 Select on or off.

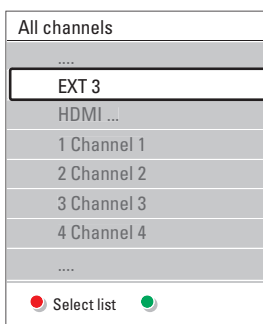
5.5 Create favourite channel lists

View the All channels list or set up a Favourite list of your own with your preferred TV channels.

5.5.1 Select a favourite list

You can select one of the favourite channel lists.

- 1 Press **OK**.
The first time after you have finished the installation, the All channels list is shown. In other situations, it brings up the last selected favourite list.



- 2 Press the red key to show all favourite lists.
- 3 Press **▲** or **▼** to select a list.
- 4 Press **OK**.
The selected favourite list appears.
- 5 Press **OK** again to quit.

5.5.2 To set up a favourite list

Create or modify your own favourite list.

1 Press **OK**.

The last selected list appears.

2 Press the red key to show all favourite lists.

3 Press **▲** or **▼** to select a list.

4 Press **OK**.

5 Press the green key to enter the Edit mode.

The selected list brings up a full channel list.

6 Press **▲** or **▼** to highlight a channel.

7 Press **OK** to mark (or unmark) the highlighted channel. The channel is added to (or removed from) the selected list.

8 Press the green key again to leave the Edit mode.

The modified channel list appears again.

5.5.3 Select a channel from a favourite list

1 Press **OK**.

The last selected channel list appears.

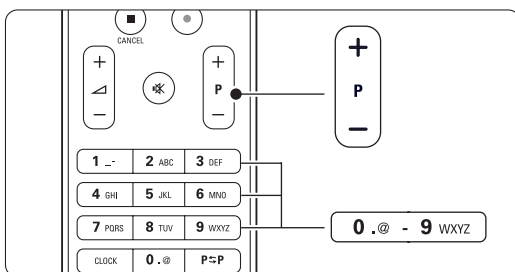
2 Use **▲** or **▼** to highlight a channel.

3 Press **OK**.

The TV tunes to that channel.

Tip

- Use **-P+** to go through the TV channels of the selected favourite list.
- With the number keys you can still select channels which are not marked as favourite.



5.6 Electronic Programme Guide - EPG -

The Electronic Programme guide is an on screen guide to scheduled TV programmes provided by the Net TV content service provider.

You can navigate, select and view programmes by time or title.

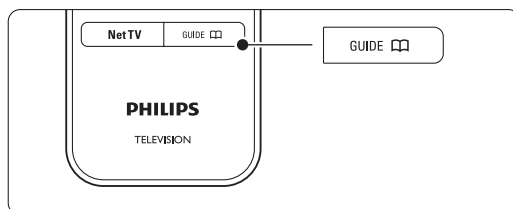
Only available when connected to the internet. See section **7.5 Net TV set up**.

With the EPG menu you can...

- see a list of current broadcasted programmes
- see the next programme
- etc.

5.6.1 Switch on EPG

1 Press **Guide**



Programme guide		Tue., 12 Sep	
	Around	09:55	Next
BBC ONE	07:50	Commonwealth	12:30 Commonwealth
BBC TWO	09:50	Tweenies	10:15 Something Special
five	09:00	The Wright Stuff	10:30 Trisha Goddard
BBC THREE	05:32	This is BBC THREE	12:00 This is BBC THREE
BBC FOUR	05:32	This is BBC FOUR	12:00 This is BBC FOUR
abc1	09:20	Moonlighting	10:15 Daddio
	13:50	Anastasia	0010 - EEN

2 Use the colour keys to activate the available actions at the bottom of the screen.


3 Press to quit the EPG.

5.7 Timers and locks

This section describes how to switch the TV on or off at a specified time and to lock or unlock the TV.

5.7.1 Automatically switch to standby



Sleeptimer switches the TV to standby after a time.

- 1 Press **Menu**  on the remote control and select **Features > Sleeptimer** and press **▶** to enter the sleeptimer bar.
- 2 Press **▲** or **▼** to set the time up to 180 minutes in steps of 5 minutes. If set to 0 minutes, the Sleeptimer is switched off.

You can always switch off your TV earlier or reset the time during countdown.

5.7.2 Automatically switch the TV on

On timer switches the TV on automatically to a specified channel at a specified time, from standby.

- 1 Press **Menu**  on the remote control and select **Features > On timer** and press **▶** to enter the On timer menu.
- 2 Use **◀** or **▶**, **▲** or **▼** to select and enter the menu items one by one to set a channel, a day of the week or daily, and a starting time.
- 3 Press **OK** to confirm.
- 4 Press **Menu**  to quit the menu.


Tip

To switch off the On timer, select **Off** in the On timer menu.

5.7.3 Lock TV channels and programmes

Lock TV channels and/or programmes from connected devices to prevent children from watching them. Lock and unlock with a four number code.

Set or change your code

- 1 Press **Menu**  on the remote control and select **Features > Set or Change code** and press **▶** to enter your code.
- 2 Enter your code with the number keys.
The **Features** menu reappears with a message confirming that your code has been created or changed.

Did you forget your code ?


- 1 Select **Change code**.
- 2 Press **▶**.

- 3 Enter the overriding code 8-8-8-8.
- 4 Enter a new personal code.
- 5 Confirm your new entered code.
The previous code is erased and the new code is stored.

5.7.4 Activate or deactivate Child lock

Set your code and you can:

- Lock all channels and devices,
- Lock specific channels and devices,
- Set a time after which all channels and devices are locked,

- 1 Press **Menu** .
- 2 Select **Features > Child lock** and press **▶**.
- 3 Enter your code with the number keys.
- 4 Select one of the options.
- 5 Press **▶**.

Lock or unlock all channels and connected devices

- 1 Select **Lock** or **Unlock**.

Lock a certain programme or all channels from a certain time

Child lock	Custom lock
Lock	Lock after
Custom lock	Channel lock
Unlock	

- 1 Select **Custom lock**.
- 2 Press **▶** to enter the Custom lock menu.
- 3 Press **▶** again to enter the Lock after menu.
- 4 Select **On** to switch on the Timer lock.
- 5 Press **◀**.
- 6 Select **Time**.
- 7 Press **▶**.
- 8 Enter the time with **▲** or **▼** and **▶**.
- 9 Press **OK**.

Lock one or more channels and connected devices

- 1 Select **Custom lock**.
- 2 Press **▶** to enter.
- 3 Press **▲** or **▼** to select **Channel lock**.
- 4 Press **▶**.
- 5 Press **▲** or **▼** to select the channel(s) you want to lock or unlock.
- 6 Each time press **OK** to lock or unlock the channel.

5.8 Subtitles

For each TV channel, subtitles can be set, coming from Teletext.



5.8.1 Subtitling from TV channels

- 1 Select a TV channel.
- 2 Press **Teletext** to switch on Teletext.
- 3 Enter the three number pagenummer of the subtitle page.
- 4 Press **Teletext** to switch off Teletext.

Note

The Teletext subtitle page must be stored for each TV channel separately.

5.8.2 Activate or deactivate subtitling

- 1 Press **Menu**  on the remote control and select Features > **Subtitle** and press **▶** to enter the list.
- 2 Press **▲** or **▼** to select **On** to show the subtitles always or **On during mute** to show the subtitles only when the sound is muted with the  key on the remote control.
- 3 Press **◀** to return to the Features menu.

TV menu	Features
Smart settings	Subtitle
Picture	Sleeptimer
Sound	Child lock
Settings assistant	Set/Change code
Features	On timer
Setup	Demo

5.9 Watch and play your photos and music

Watch pictures or listen to music stored on a USB device (not supplied with the TV), a camcorder (only for photos) or from your PC network. Watch your pictures as a slideshow or listen to a self made music playlist.


Note

Philips is not responsible if your USB device is not supported nor shall Philips accept any liability for damage or loss of stored data.

5.9.1 Insert the USB device


- 1 Insert a device at the side of the TV while the TV is switched on.
A message appears that a USB device has been detected.

Note

In case the USB device does not automatically break in, press Source  > USB/Memory devices and press **OK**.

Select **Side** and press **OK** to display your camcorder content.








5.9.2 Remove the USB device

- 1 Press **Source** .
- 2 Remove the USB device.
- 3 Select TV or another connected device to watch a programme.











5.9.3 Watch your pictures, start a slideshow and play music







Look up your pictures in the Picture album of your USB device.

- 1 Select the Picture folder for the picture files you have stored on your USB device.

USB	Picture
 Picture	 Afrika_2001
 Music	 Paris_2006
	 My_car.jpg
	 Jean.jpg
	 Mary.jpg

- 2 Press **▶** to enter the Picture folder.
- 3 Press **▲** or **▼** to select a picture or a picture album.

Picture	Afrika_2001
 Afrika_2001	 Kenya.jpg
 Paris_2005	 Congo.jpg
 My_car.jpg	 Victoria.jpg
 Jean.jpg	 Dakar.jpg
 Mary.jpg	 Cairo.jpg

Afrika_2001	Afrika_2001
 Kenya.jpg	 Kenya.jpg
 Congo.jpg	
 Victoria.jpg	
 Dakar.jpg	
 Cairo.jpg	

- 4** Press **OK** to watch the picture or to start a slideshow of the pictures in the album.
- 5** Press **OK** to pause the slideshow. Press again to restart.
- 6** Press one of the colour keys on the remote control to perform the corresponding function shown at the bottom of the screen.
If the function bar at the bottom disappeared, press any colour key to let it reappear.
- 7** Press **◀** and select another picture or another album.

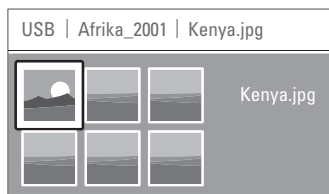
Slideshow settings

- **Details / More details**
Shows the picture name, date, size and next picture in the slideshow.
- **Transitions**
Shows the list of available transition styles of the pictures.
Press **▲** or **▼** to select and press **OK** to activate.
- **Slide time**
Sets the time lag for the picture transitions:
Short, Medium or Long.
- **Rotate**
To rotate a picture.
- **Start/Show/Pause**
To stop, pause and restart the slideshow.

Thumbnails

Watch the pictures of a selected album in an overview.

- 1** Select a picture album.
- 2** Press **▶** to enter the picture list.
- 3** Press the blue key.
- 4** Press **▲** or **▼**, **◀** or **▶** to highlight a picture.
- 5** Press **OK** to watch the picture.
- 6** Press **◀** to return to the thumbnail overview.
- 7** Press the blue key again to go back to the picture list.



Listen to music

Look up your songs in the Music album of your USB device.

- 1** Select the Music folder for the music files you have stored on your USB device.
- 2** Press **▶** to enter the Music folder.

- 3** Press **▲** or **▼** to select a song or a music album.
- 4** Press **OK** to play the selected song or to play a song followed by the next song in the same album.
- 5** Press one of the colour keys on the remote control to perform the corresponding function shown at the bottom of the screen.
If the function bar at the bottom disappeared, press any colour key to let it reappear.

Music settings

- **Details**
Shows the file name.
- **Repeat one/all**
Repeat all songs in the album until you stop a song or only repeat the one song selected until you stop the song.
- **Shuffle**
Play songs in a random sequence.

Watch a slideshow with background music


Watch a slideshow of your stored pictures accompanied with your stored background music.

- 1** Select an album of songs first and press **OK**.
- 2** Highlight the Picture folder and select an album of pictures and press **OK**.

5.9.4 Watch photos or listen to music from your PC

To watch photos and listen to music from a connected PC, make sure:

- your router and PC are switched on
 - a media server software is running on your PC.
- See section **7.6 PC network**.

- 1** Press the **Source**  key on the remote control.
- 2** Select **PC network** and press **▶**.
Wait until the PC content comes on.
- 3** Select the content you want to watch or listen to and press **▶**.
- 4** Use **◀** or **▶**, **▲** or **▼** to go through the photo or music files or folders.
- 5** Press **OK** to watch or listen.
- 6** Press **◀** to go back to the previous list.

See section **9 Troubleshooting** in case of problems playing files or in case your PC does not appear in the PC network menu.

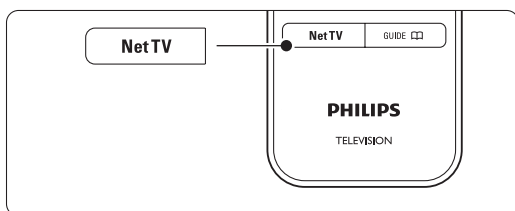
5.10 Net TV

You can link up your TV to internet online services. View photos, play games, consult a programme guide or buy online.

To prepare your TV to watch Net TV see section 7.5 **Net TV set up**.

5.10.1 Watch Net TV

- 1** Press **Net TV** on the remote control.
The Next TV start page appears and shows some content providers.
- 2** Use the cursor keys ◀ or ▶, ▲ or ▼ to select a content service provider.
- 3** Press **OK** to open the service you want to enter.
If asked, agree to the End User License Agreement.



Favourites

You can set a content service provider as favourite for easy repeat viewing.

- 1** Select a content service provider.
- 2** Press **OK**.
- 3** Select **Add favourites**.
- 4** Press **OK**.
The start page appears again.

5.11 Software update

Philips continually tries to improve its products. To benefit, your TV may need occasional software updates.


You can update your TV software:


- from the Internet
- with a USB memory device (not supplied)

To update the TV's software either from the Internet or a USB device, the Update assistant can help you.

5.11.1 Update from the Internet

If your TV is connected to a router connected to the internet you can update the TV software from the Internet.

- 1 Press **Menu**  > Setup and press **▶**.
- 2 Press **▲** or **▼** to select **Software update**.
- 3 Press **▶**.
- 4 Press **▲** or **▼** to select **Update assistant**.
- 5 Press **▶**.
- 6 Press **OK** to activate.
- 7 Press the green key to select Internet.
- 8 Follow the instructions on screen.

When the update is done the TV switches off and back on again automatically. Wait for this switch on, do not use the power switch  on the TV.

If the TV is connected to the internet, the TV can inform you about the availability of new software. A new message will appear at TV start up. Verify if this message is activated in the Online update message menu.

5.11.2 Update with a USB memory device

If you want to update your TV software with a USB memory device verify that:


- your USB memory device has at least 128Mb free space
- the write protection is switched off.

Note

Some USB devices do not work with our TV.

Step 1: TV identification

The TV has to identify with your USB memory device.

- 1 Press **Menu**  > Setup and press **▶**.
- 2 Press **▲** or **▼** to select **Software update**.
- 3 Press **▶**.

- 4 Press **▲** or **▼** to select **Update assistant**.
- 5 Press **▶**.
- 6 Press **OK** to activate.
- 7 Press the yellow key to select USB.
- 8 Insert a USB memory device into the USB connector at the side of the TV.
- 9 Press the green key to proceed.

A message appears that the TV has successfully written its identification file to the USB memory device.

- 11 Press the green key again to finish.
Remove the USB memory device from the TV.

Setup	Software update
Installation	Update assistant
Software update	Online update mess...
	Current software ...
	Local updates
	Announcement

Step 2: Software download from the PC to the USB device

- 1 Insert the USB memory device into a PC linked to the internet.
- 2 Locate and open the file **update.htm** on your USB device.
- 3 Read the instructions on screen and click on the **Send ID** button.
If new software is available, the update is downloaded on the USB memory device.
- 4 Remove the USB memory device from your PC.

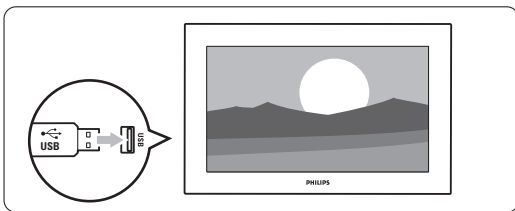
Step 3: Software update transfer to the TV


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

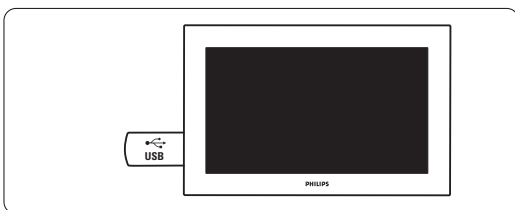
Caution

- Never remove the USB memory device from the TV during the software update.
- If a power drop occurs during the update, never remove the USB memory device from the TV. When the power returns, the TV continues to update.

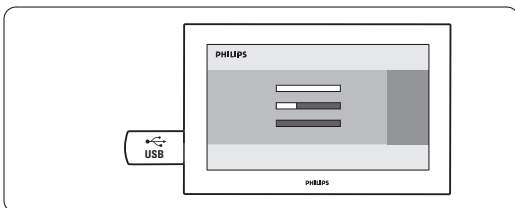
- 1 Switch on the TV.
- 2 Insert the USB memory device to the USB connector at the side of the TV.



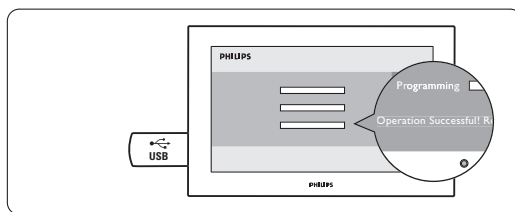
- 3 The TV switches off. The screen stays black for about 10 seconds. Wait and never use the power switch  on the TV.



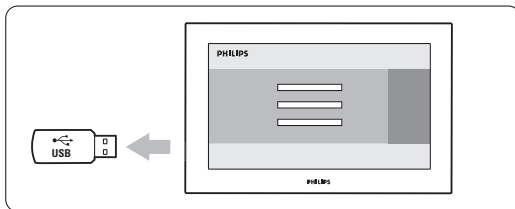
- 4 The update process starts automatically. Please wait.





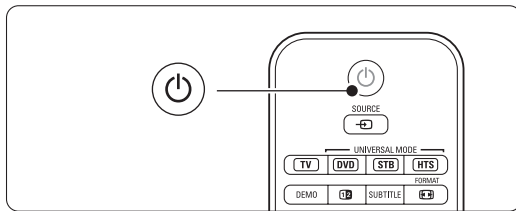
The update is finished when the message 'Operation successful' appears on the screen.



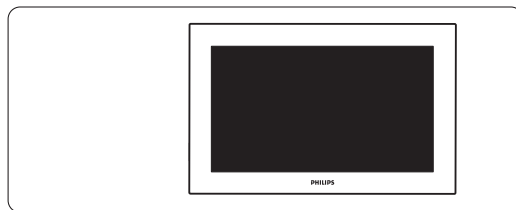
- 5 Remove the USB memory device from the TV.



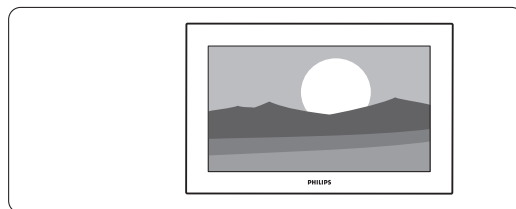
- 6 Press  on the remote control. Never press more than once and never use the Power  switch on the TV.



- 7 The TV switches off. The screen stays black for about 10 seconds. Please, wait.



- 8 The TV switches back on again. The update is done.



6 Channel installation

The first time you turned on your TV

- you have selected the language of the TV menus and the country where you are located
 - all the available TV Channels have been installed.
- This chapter provides instructions on how to reinstall channels as well as other useful channel installation features.

Note:


Re-installation will modify the All channels list and new added channels will not be added to any favourite list.

6.1 Automatic installation

This section describes how to search for and store all available channels automatically.

Step 1: Select your menu language

Sets the language of the TV menus. Go to a next step if your language settings are correct.

- 1 Press **Menu**  on the remote control and select Setup > Installation > **Language** and press **▶** to enter **Menu language**.
- 2 Press **▲** or **▼** to select your language.
- 3 Press **OK** to confirm.
- 4 Press **◀** to return to the Installation menu.

Installation	Menu language
Menu language	English
Channel install...	Español
Preferences	Français
Connection assist.	Hrvatski
Rename devices	Italiano
Audio setup	Magyar
Decoder	Nederlands
...	...

Step 2: Select your country

Select the country where you are located. The TV will install and arrange the TV channels according to the country selected. Go to a next step if your country selection is correct.


- 1 Press **▼** to select **Channel installation**.
- 2 Press **▶** to enter the Channel installation menu. **Automatic installation** is highlighted.
- 3 Press **▶** to enter.
- 4 Press **OK**. The Country list appears.

- 5 Press **▲** or **▼** to select your country.
- 6 Press **Next**.

Channel install...	Automatic install...
Automatic install...	Start now
Installation update	
Start-up message	
Manual installation	
Rearrange	

Step 3: Install TV channels

Your TV will search for and store all available TV channels.

- 1 Select **Start**.
The installation may take a few minutes.
- 2 When the installation is done, press **Finish** to return to the Channel installation menu.
- 3 Press **Menu**  to quit the menu.


Tip

If you want to rename, reorder or uninstall stored channels, see section 6.3 **Rearrange channels**.

6.2 Manual installation


You can tune-in TV channels channel by channel manually with Manual installation.

6.2.1 Select the system

- 1 Press **Menu**  and select Setup > Installation > Channel installation > **Manual installation**.
- 2 Press **▶** to enter the Manual installation menu. **System** is highlighted.
- 3 Press **▶** to enter the System list.
- 4 Press **▲** or **▼** to select your country or part of the world where you are now located.
- 5 Press **◀** to return to the Manual installation menu.


Channel install...	Manual installation
Automatic install...	System
Installation update	Search
Start-up message	Fine tune
Manual installation	Store current ch...
Rearrange	Store as new ch...

6.2.2 Search for and store a new channel

- 1 Press **Menu**  and select Setup > Installation > Channel installation > Manual installation > Search.
- 2 Press **▶** to enter the Search menu.
- 3 Press the red key to enter the frequency yourself or press the green key to search for a next channel.



Tip

If you know the frequency, enter the three numbers of the frequency with the number keys of the remote control.

- 4 Press **◀** when the new channel has been found.
- 5 Select **Store as new channel** to store the new channel under a new channel number.
- 6 Press **▶** to enter.
- 7 Press **OK**. **Done** appears.
- 8 Press **Menu**  to quit the channel installation menu.

6.2.3 Fine tune a channel

Fine tune a found channel when the reception is poor.


- 1 Press **Menu**  and select Setup > Installation > Channel installation > Manual installation > Fine tune.
- 2 Press **▶** to enter the Fine tune menu.
- 3 Press **▲** or **▼** to adjust the frequency
- 4 Press **◀** when you finished fine tuning.
- 5 Select **Store current channel** to store the fine tuned channel under the current channel number.
- 6 Press **▶** to enter.
- 7 Press **OK**. **Done** appears.
- 8 Press **Menu**  to quit the Channel installation menu.

6.3 Rearrange stored channels

To rename, reorder, uninstall or reinstall stored channels.

6.3.1 Rename a channel

Assign or change a channel name to a channel for which a name has not yet been entered.

- 1 Press **Menu**  and select Setup > Installation > Channel installation > **Rearrange**.
- 2 Press **▶** to enter the channel list.
- 3 Press **▲** or **▼** in the channel list to select the channel you want to rename.
- 4 Press the red key.
- 5 Press **◀** or **▶** to select a character or **▲** or **▼** to change the characters. Space, numbers and other special characters are located between **z** and **A**.
- 6 Press the green key or **OK** to finish.

Tip



To delete all characters, press the yellow key.

To delete the highlighted characters, press the blue key.

6.3.2 Uninstall or reinstall a channel



To uninstall a stored channel so that it is no longer possible to tune to.

Reinstall an earlier uninstalled channel.

- 1 Press **Menu**  and select Setup > Installation > Channel installation > **Rearrange**.
- 2 Press **▶** to enter the channel list.
- 3 Press **▲** or **▼** in the channel list to select the channel you want to uninstall or reinstall.
- 4 Press the green key to uninstall or reinstall the channel.
- 5 Press **Menu**  to quit the menu.



6.3.3 Reorder the channels

Change the order of the stored channels.

- 1 Press **Menu**  and select Setup > Installation > Channel installation > **Rearrange**.
- 2 Press **▶** to enter the channel list.
- 3 Press **▲** or **▼** in the channel list to select the channel you want to reorder.
- 4 Press the yellow key to move up the highlighted channel in your channel list.
- 5 Press the blue key to move down the highlighted channel in your channel list.
- 6 Press **Menu**  to quit the menu.



6.4 Channel update

At any time you can tune and update all available channels without altering the sorting of existing channels.

- 1** Press **Menu**  and select Setup > Installation > Channel installation > **Installation update**.
- 2** Press **▶** to enter the Installation update menu.
- 3** Press **OK**.
- 4** Press the green key to start.
The update starts and may take a few minutes.
- 5** When the update is completed, press the red key to return to the Channel installation menu.
- 6** Press **Menu**  to quit the menu.

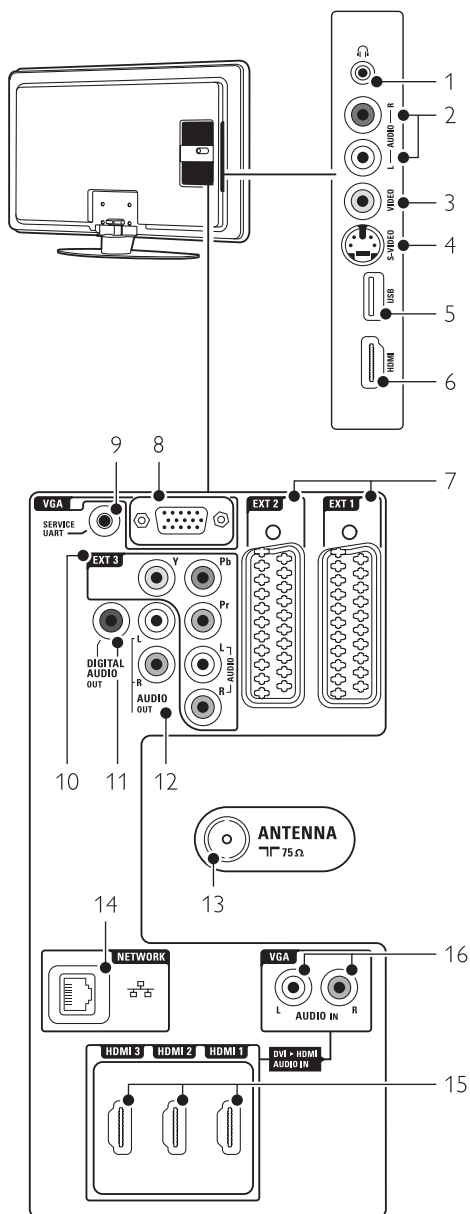
6.5 Factory settings

You might want to return to the original factory settings. Only picture and sound settings will be reset.

- 1** Press **Menu**  and select Setup > Installation > **Factory settings**.
- 2** Press **▶** to enter the Factory settings menu.
- 3** Press **OK**.
- 4** Press **Menu**  to quit the menu.

7 Connections

7.1 Connection overview



Side connectors

- 1 **Headphones**
Stereo Mini jack
- 2 **Audio L/R**
Audio input to be used together with Video or S-Video on the side of the TV.
- 3 **Video**
Video input to be used together with the Audio L/R on the side of the TV.
- 4 **S-Video**
S-Video input to be used together with the Audio L/R on the side of the TV.
- 5 **USB**
USB connector.
- 6 **HDMI Side**
HDMI input

Back connectors

- 7 **EXT1, EXT2**
Scart connectors for DVD, VCR, Digital receiver, Game console, etc.
- 8 **VGA**
VGA connector for a PC.
- 9 **Service UART**
For service only.
- 10 **EXT3**
Component Video Y Pb Pr and Audio L/R connectors for DVD, Digital receiver or Game console, etc.
- 11 **Digital Audio Out**
Sound output cinch connector for a Home Theatre System, etc.
- 12 **Audio Out L/R**
Sound output cinch connectors for a Home Theatre System, etc.
- 13 **Antenna input**
- 14 **Network/Online**
Home network and Online connector.
- 15 **HDMI 1, HDMI 2, HDMI 3**
HDMI input connectors for Blu-ray Disc player, HD Digital receiver or HD Game console, etc.
- 16 **Audio L/R In [VGA]**
Audio In L/R connectors to be used together with a DVI to HDMI connection or with a VGA connection.

7.2 About connections

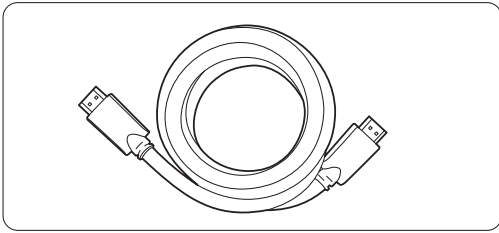
7.2.1 What you need to know

Connect your device with the highest possible quality connection.

Look for the highest quality connection on your device. Use that connection to your TV.

HDMI - Highest quality ★★★★★

An HDMI connection has the best picture and sound quality. One cable combines video and audio signals. Use HDMI for HD (High Definition) TV signals. HDMI with EasyLink offers easy operating of your connected devices when these have the HDMI CEC standard. See section 7.2.2 EasyLink. A device connected with HDMI to the TV can only send out audio and video signals to your TV. The device cannot receive or record audio and video from your TV.



HDMI cable (max. 5m)

Tip

DVI to HDMI – Higher quality ★★★★★

Use a DVI to HDMI adaptor if your device has only a DVI connection.

Connect an Audio L/R cable to Audio In L/R (DVI to HDMI) for sound.

Assign this Audio In to the HDMI 1, 2 or 3 where the device is connected. See section 7.7.2 Audio setup (if present).

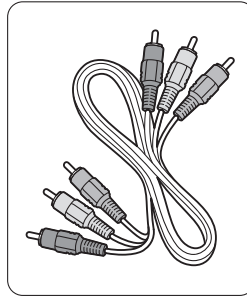
Note

HDMI supports HDCP (High-bandwidth Digital Contents Protection). HDCP is a copy protection signal that comes with HD content (DVD disc or Blu-ray Disc).

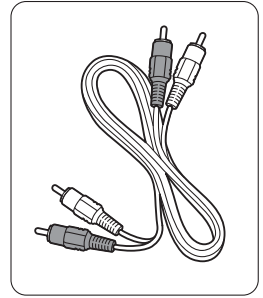
YPbPr – Higher quality ★★★★★

Use the Component Video YPbPr connections together with Audio Left and Right. Match the cable colours when you connect.

YPbPr can handle HD TV signals.



Component Video YPbPr cable
- Red, Green, Blue

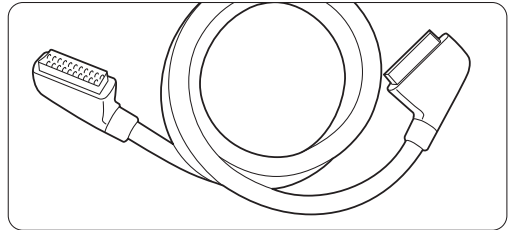


Audio L/R cable
- Red, White

Scart - Good quality ★★★

One cable combines video and audio signals.

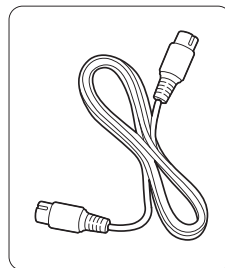
Scart connectors can handle RGB video but no HD TV signals.



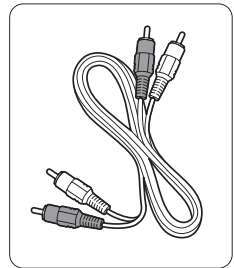
Scart cable

S-Video - Good quality ★★

Use an S-Video cable together with an Audio L/R (cinch) cable. Match the cable colours when you connect.



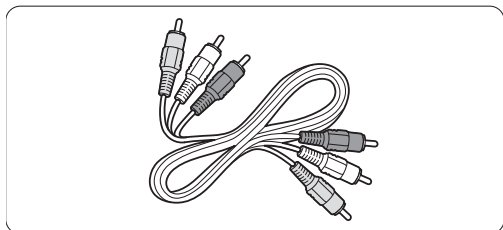
An S-Video cable



Audio L/R cable
- Red, White

Video - Basic quality ★

Use a Video (cinch) cable together with an Audio L/R (cinch) cable. Match the cable colours when you connect.



Combined Video - yellow and Audio L/R cable - red and white

7.2.2 HDMI with EasyLink

Connected devices that are compliant with the HDMI CEC standard can work together:

- 1** Press **Menu** > Setup > Installation > Preferences and press **▶** to enter the list.
- 2** Press **▲** or **▼** to select **EasyLink**.
- 3** Press **▶** to enter.
- 4** Press **▲** or **▼** to select **On** or **Off**.
- 5** Select **On** to activate EasyLink.

EasyLink might not work with devices from other brands.

One touch play

Insert a DVD disc and press Play. The TV switches on from standby and shows the DVD programme automatically.

System standby

Press the key on the remote control for more than 2 seconds to switch the connected devices in standby.

System audio control

When you connect an audio system you can listen to the sound from your TV through your audio system while the TV speakers are muted. See section **5.3.5 Sound settings, TV speakers**.

Note

Ensure that all HDMI-CEC features in the HDMI-CEC devices (for ex. Home Theatre System) are properly set up.

7.2.3 Display synchronised audio out

For the best match of image and sound in speech on screen, connect a Home Theatre System to Audio Out L/R or Digital Audio outputs. See diagrams **7.4.4** and **7.4.8**.

Never connect the audio signal of a DVD player, digital receiver or other audio/video device directly to the Home Theatre System.

7.3 Connect with the Connection assistant

(if available)

Use the Connection assistant to show you how to connect your devices to your TV. It sets all necessary settings automatically.

You can also connect your devices without the use of the Connection assistant. See section **7.4 Connect without the Connection assistant**.

- 1** Press **Menu** on the remote control and select Setup > Installation > **Connection assistant**.
- 2** Press **▶** to start the Connection assistant.
- 3** Press **OK**.

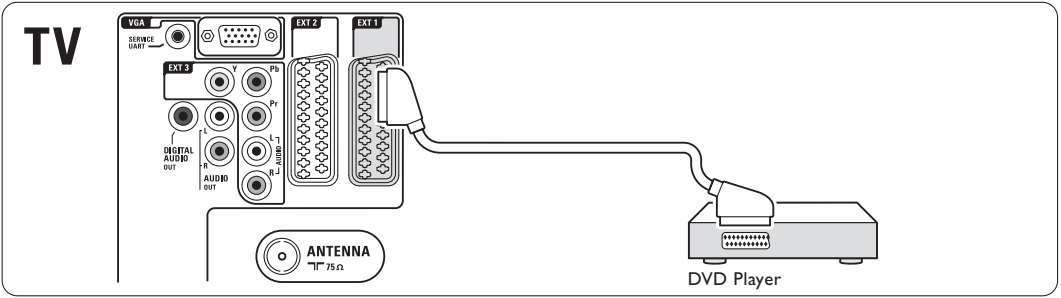
7.4 Connect without the Connection assistant

The connections shown in this section are recommendations for the most used cases. Other solutions are possible.

When a device is connected the TV needs to know what connection you made. See section **7.7 Connection setup**.

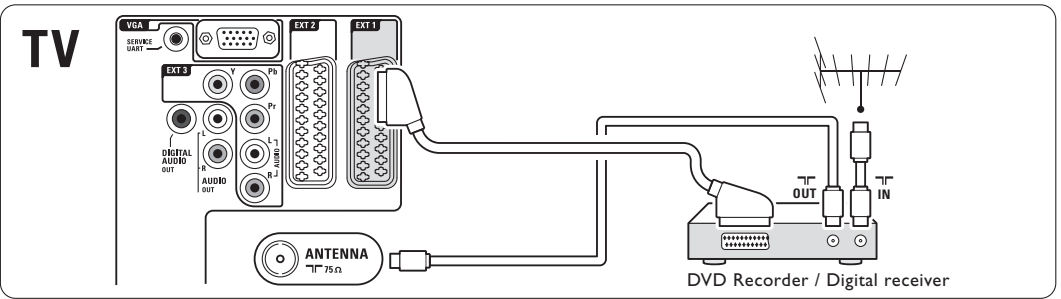
7.4.1 DVD player

Use a scart cable to connect the device to the EXT1 input at the back of the TV.



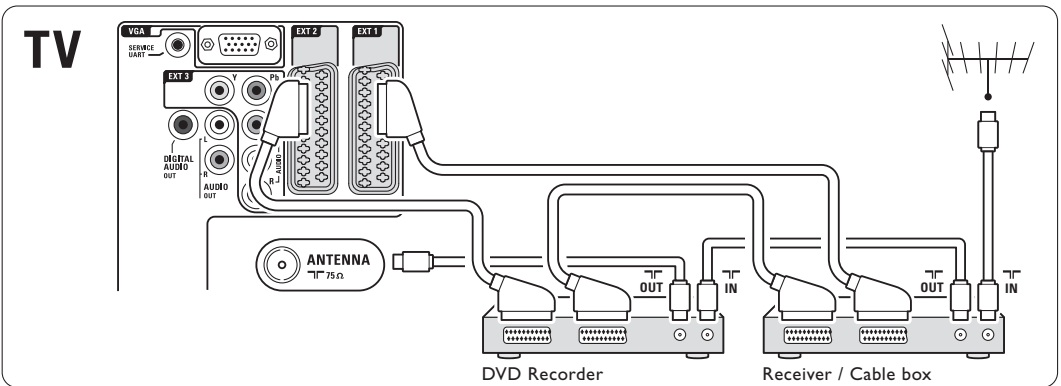
7.4.2 DVD Recorder or Digital Receiver

Use a scart cable and 2 antenna cables.



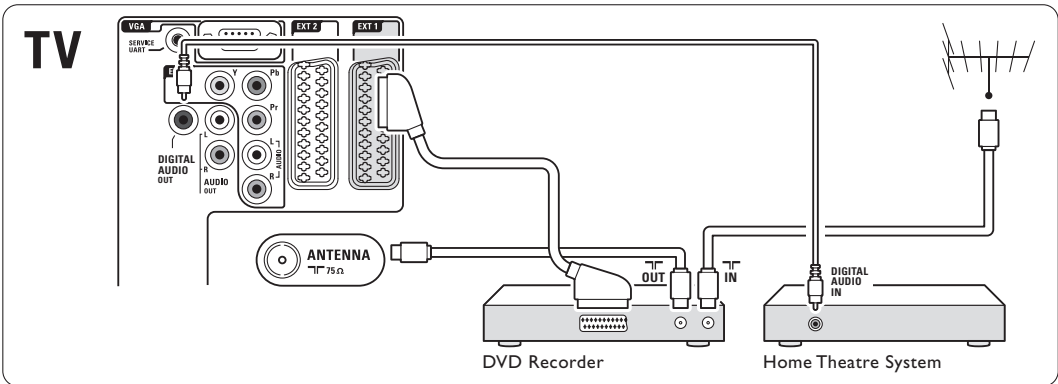
7.4.3 DVD Recorder and Digital Receiver

Use 3 scart cables and 3 antenna cables.



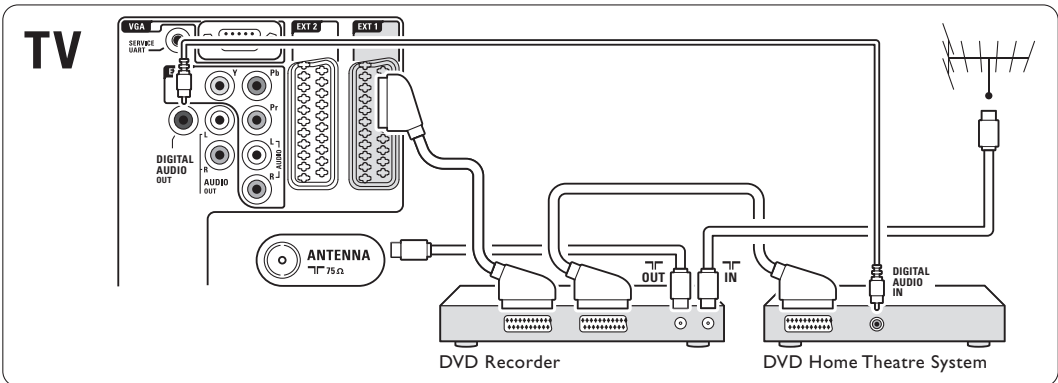
7.4.4 DVD Recorder and Home Theatre System

Use a scart cable, 2 antenna cables and 1 digital audio (cinch) cable.



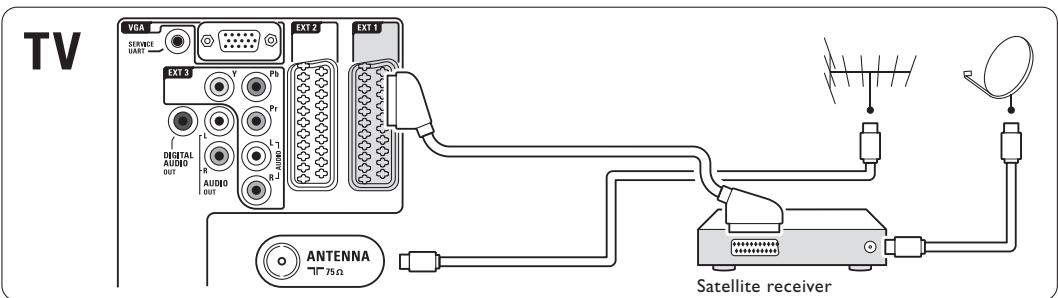
7.4.5 DVD Recorder and DVD Home Theatre System

Use 2 scart cables, 2 antenna cables and 1 digital audio (cinch) cable.



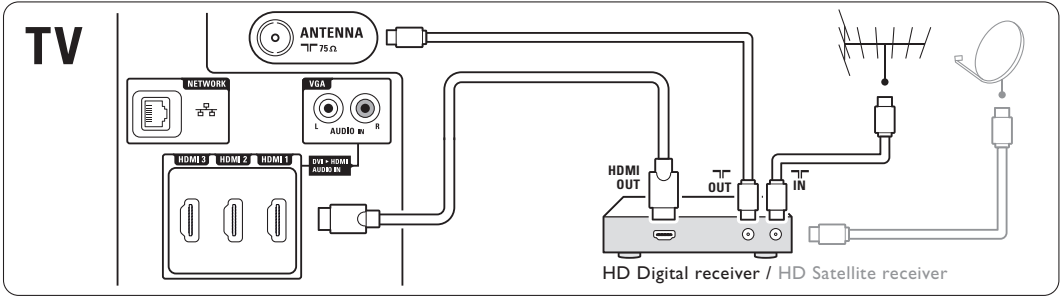
7.4.6 Satellite receiver

Use a scart cable and 2 antenna cables.



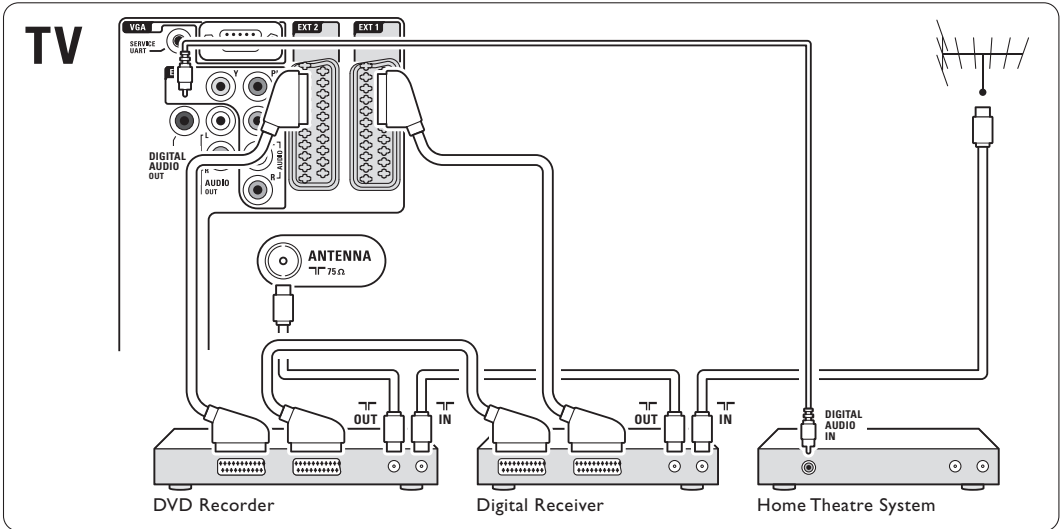
7.4.7 HD Digital receiver / HD satellite receiver

Use an HDMI cable and 2 antenna cables.



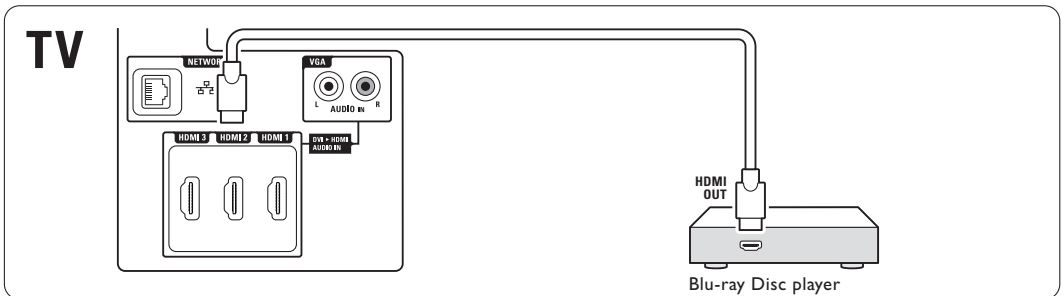
7.4.8 DVD-R, Home Theatre System and Digital receiver

Use 3 scart cables, 3 antenna cables and 1 audio (cinch) cable.



7.4.9 Blu-ray Disc player

Use an HDMI cable.



7.4.10 Game console

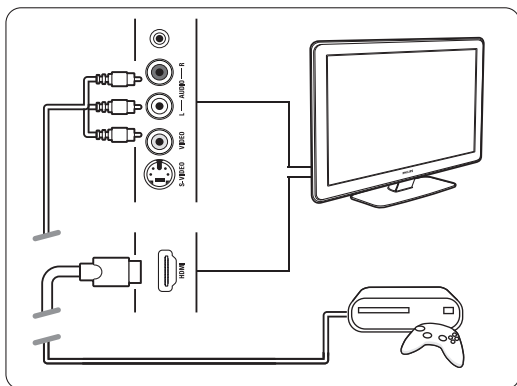
The most practical connections for a game console are at the side of the TV.

rNote:

To prevent picture delay, set the TV in Game mode. Press Menu > TV menu > Smart settings > **Game**.

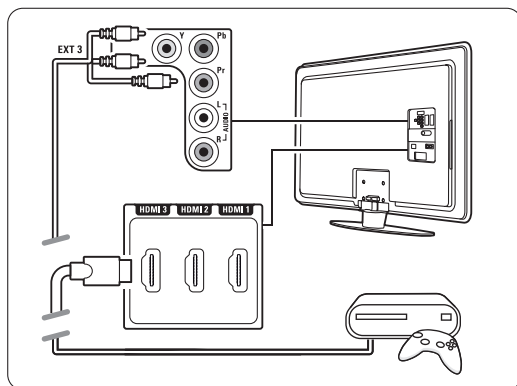
Connected at the side of the TV

Use the HDMI connection or the S-Video and Audio L/R connections or the Video and Audio L/R connections.



Connected at the back of the TV

Use an HDMI connection or the EXT3-YPbPr and Audio L/R connections for HD quality.

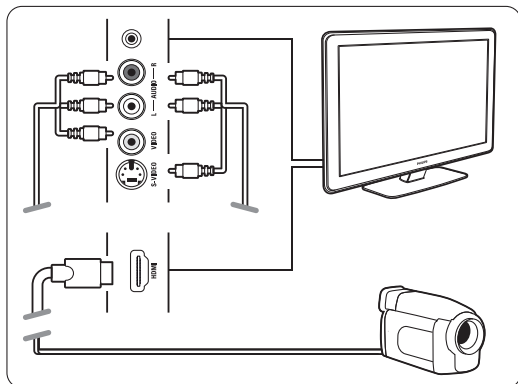


7.4.11 Camcorder

The most practical connection for a camcorder is at the side of the TV.

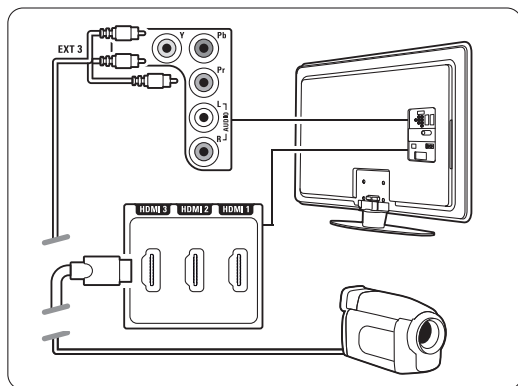
Connected at the side of the TV

Use the HDMI connection or the Video and Audio L/R connections or use the S-Video and Audio L/R connections.



Connected at the back of the TV

Use an HDMI connection or the EXT3-YPbPr and Audio L/R connections for HD quality.



7.4.12 Personal Computer

You can connect your PC directly to the TV. The TV works as a monitor of your PC.

For more features you can connect your PC in a PC network. See section **7.6 PC network**.

As a monitor the PC can be connected at the side with a DVI to HDMI adaptor or with a PC to TV cable. Alternatively you can connect the PC at the back with the VGA connection.

⚠ Caution

Before connecting the PC, set the PC monitor refresh rate to 60Hz.

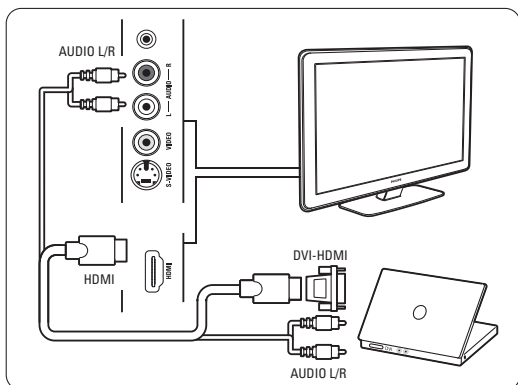
💡 Tip

Set the TV picture format to Unscaled in the Picture format menu for maximal PC picture sharpness. See section **5.3.4 Widescreen picture format**.

DVI to HDMI connection

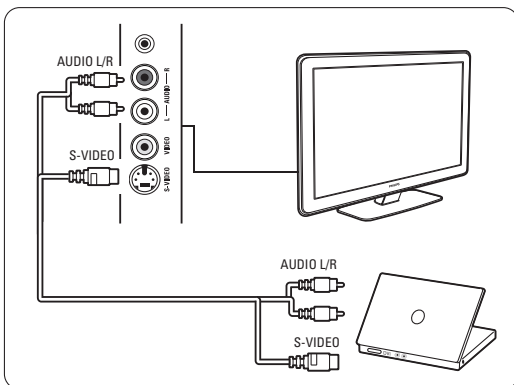
Use a DVI to HDMI adaptor to connect to the HDMI side connection.

Connect the Audio L/R at the side for sound.



PC to TV connection

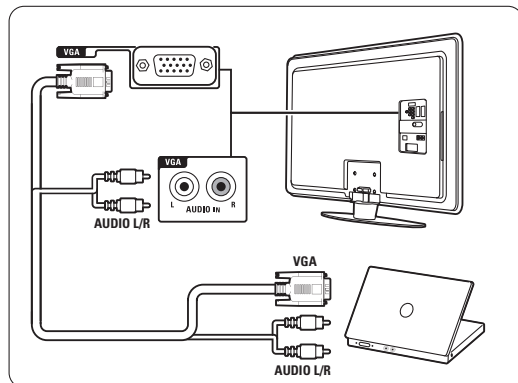
Use a PC-TV out cable to S-Video and Audio L/R cable to connect to the side of the TV.



VGA connection

Use a VGA cable to connect the PC to the EXT3 connection at the back of the TV.

Connect the Audio L/R to the EXT3 Audio L/R.



For supported PC monitor resolutions, see section **8 Technical data**.

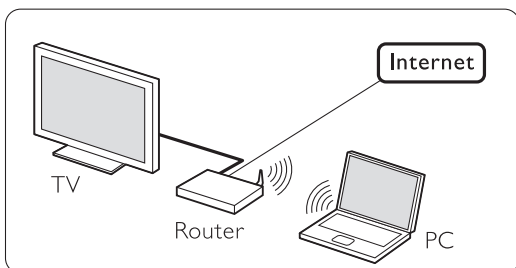
7.5 Net TV set up

You can link up your TV to internet. View online services, photos, play games, consult a programme guide or buy online.


7.5.1 What you need

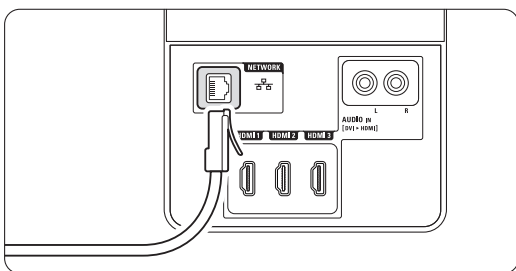
To set up the TV for Net TV you need:

- a network cable
- a router in a home network
- an internet connection to the router



7.5.2 Connect the TV

- 1 Connect the network cable from your router to the Network  connector at the back of the TV.
- 2 Switch on the router.
The TV automatically tries to connect to the internet.
The first time you connect to the internet, a set up procedure starts up automatically. Follow the instructions on screen.



7.5.3 Net TV reset

You can clear the TV's memory of Net TV info like passwords, cookies and history.

- 1 Press **Menu**  > Setup > Installation > Manual network installation > **Reset Net TV**.

7.6 PC network

You can link up your TV on a PC network in your home. Watch your photos and listen to your music from any linked PC on the TV. The PC network feature of this TV is DLNA certified.

You can use Microsoft Windows XP or Vista, Intel Mac OSX or Linux.

7.6.1 What you need


To set up your TV in a home PC network you need:

- a router and a computer in a home network
- a network cable
- recent media server software (Windows, media Player 11 or similar) on your computer.

For a complete list of compatible media server software see section **8 Technical data**.

7.6.2 Set up a PC network connection

On the TV no special settings are necessary to connect automatically to the network.

- 1 Connect the network cable from your router to the **Network**  connector at the back of the TV.
- 2 Switch on the router. Set the router to DHCP On.
- 3 Switch on the computer and start the media server software.
- 4 Some media server software needs a setting to share your files with the TV.

In the media server this TV will present itself as a number - a MAC or IP number:


Have the TV and router switched on for this number to appear in the media server. Select the TV number in the media server and set the server to share files with this number. For media server software marked with an * in sections **8 Technical data**, a step by step setting instruction is available in the online User Manual. Type in your TV model number on www.philips.com/support. In the extended User Manual, see section **7.6 PC network**.

A firewall, a security system on your computer, could also block the network connection. Allow the media server software to go to the network.

If the TV cannot connect to the network, study the server software, router or PC manuals.

7.6.3 Manual network setup

Some expert network settings can be set on the TV. The DHCP is set to On to automatically connect to the network.

Press **Menu**  > Setup > Installation > Manual network installation.

7.7 Connection setup



The TV needs to know what connections you have made and which device is connected to which connector.

If you have used the Connection assistant the connection setup is already done.

7.7.1 Naming your devices


Name the connected devices for easy selection and best signal handling.

Assign the type of device (DVD, VCR, Game, ...) to the connector you use for that device.

- 1 Press **Menu**  on the remote control and select Setup > Installation > **Rename devices**.
- 2 Press **▶** to enter the list.
- 3 Press **▲** or **▼** to select the connector you used for the device you connected.
- 4 Press **▶**.
- 5 Press **▲** or **▼** to select the type of device.
- 6 Press **Menu**  to quit the menu.

7.7.2 Audio setup (if present)

If you use the Audio In L/R (DVI to HDMI) connector for a device connected to HDMI at the back of the TV, assign this Audio In to the HDMI 1, 2 or 3 where the device is connected.



- 1 Press **Menu**  on the remote control and select Setup > Installation > **Audio setup**.
- 2 Press **▶** twice.
- 3 Press **▲** or **▼** to select the HDMI connection to link with this Audio In.

Audio setup	Audio in L/R
Audio in L/R	HDMI 1
	HDMI 2
	HDMI 3

7.7.3 Decoder channels

Decoders that decode an antenna channel are connected to **EXT1** or **EXT2** (scart).

You have to assign the TV channel as a channel to be decoded. Then assign the connection where the decoder is connected

- 1 Press **Menu**  on the remote control and select Setup > Installation > Decoder > **Channel**.
- 2 Press **▶** to enter the list.
- 3 Press **▲** or **▼** to select the channel to decode.
- 4 Press **◀** and go back to select **Status**.
- 5 Press **▲** or **▼** to select the connector used by the decoder.
- 6 Press **Menu**  to quit the menu.

Installation	Decoder
...	Channel
Rename devices	Status
Audio setup	
Decoder	
Man. network inst.	
Reset online serv...	
Clock	
Factory settings	

8 Technical data

Picture / Display

- Display type: LCD Full HD W-UXGA
- Panel resolution: 1920x1080p
- Pixel Plus picture enhancement
- 1080p 24/25/30/50/60Hz processing
- 100 Hz Clear LCD

Supported display resolutions

- Computer formats

Resolution	Refresh rate
640 × 480p	60Hz (VGA/HDMI)
600 × 800p	60Hz (VGA/HDMI)
1024 × 768p	60Hz (VGA/HDMI)
1280 × 768p	60Hz (VGA/HDMI)
1280 × 1024p	60Hz (HDMI)
1360 × 765p	60Hz (VGA/HDMI)
1360 × 768p	60Hz (VGA/HDMI)
1600 × 1200	60 Hz
1680 × 1050	60 Hz
1920 × 1080i	60Hz (HDMI)
1920 × 1080p	60Hz (HDMI)
- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50Hz, 60Hz
1080i	50Hz, 60Hz
1080p	24Hz, 25Hz, 30Hz
1080p	50Hz, 60Hz

Tuner / Reception / Transmission

- Antenna input: 75ohm coaxial (IEC75)
- TV system: DVD COFDM 2K/8K, (MPEG2)
- Video playback: NTSC, SECAM, PAL

Sound

- Sound system:
 - BBE

Multimedia

- Connections: USB
- Playback formats: MP3, Slideshow (.alb)
JPEG, MPEG1, MPEG2.

Supported media server software

- Windows Media Player 11 (on Microsoft Windows XP* or Vista*)
- PacketVideo Twonky Media 4.4.2 (on PC* & Intel Mac OSX*)
- Sony Vaio media server (on Microsoft Windows XP or Vista)
- TVersion v.0.9.10.3 (on Windows XP*)
- Nero 8 - Nero MediaHome (on Microsoft Windows XP)
- DiXiM (on Windows XP)
- Macrovision Network Media Server (on Windows XP)
- Fuppes (on Linux)
- UShare (on Linux)
- Philips Media Manager (on Microsoft Windows XP)
- Philips NAS SPD8020

* For this media server software a step by step setting instruction is available in the online User manual on www.philips.com/support.

Supported USB/Memory device formats

- FAT 16, FAT 32, NTFS.

Remote control

- Type: RC4493
- Batteries: 3 Size AAA-LR03-1,5V type

Connectivity

Back

- EXT1 (scart): Audio L/R, CVBS in, RGB
- EXT2 (scart): Audio L/R, CVBS in, RGB,
- EXT3: Y Pb Pr
- VGA, Audio L/R
- HDMI 1 in (HDMI 1.3a for all HDMI connections)
- HDMI 2 in
- HDMI 3 in
- Audio In L/R (DVI to HDMI / VGA)
- Audio Out L/R - display synchronised
- Digital Audio out (coaxial-cinch-S/PDIF) - display synchronised
- Network - (RJ45)

Side

- HDMI side in
- S-Video in (Y/C)
- Video in (CVBS)
- Audio L/R in
- Headphone (stereo mini jack)
- USB

Power

- Mains power: AC 220-240V ($\pm 10\%$)
- Power and standby power consumption:
See technical specification on www.philips.com
- Ambient temperature: 5°C - 35°C

Specifications are subject to change without notice.
For more specification details of this product see www.philips.com/support.

Dimensions and weights (approx.)

TV model	42PFL7503
- width	1054 mm
- height	658 mm
- depth	100 mm
- weight	± 28 kg
TV + stand	
- width	1054 mm
- height	731 mm
- depth	265 mm
- weight	$\pm 32,5$ kg

9 Troubleshooting

Television and remote control

The TV does not switch on

- Verify the mains cord connection.
- Verify if the batteries of the remote control are not empty or weak. Verify their + / - orientation. You can use the keys on the TV to switch the TV on.
- Unplug the mains cord, wait a minute and plug it back in. Try again to switch on.

The TV does not react on the remote control

- Verify if the batteries of the remote control are not empty or weak. Verify their + / - orientation.
- Clean the remote control and TV sensor lens.
- During the warming-up time of the TV, which is about two minutes, it is possible that the TV and some external devices do not immediately react on their remote control commands. This is proper operation and not a malfunction of the device.

The TV switches off and the red light blinks



- Unplug the mains cord, wait a minute and plug it back in. Verify if there is enough space for ventilation. Wait until the TV has cooled down. When the TV does not restart to standby and the blinking occurs again, call our Customer Care.

You forgot your code to unlock Child lock

- See section 5.7.3 Set code / Change code.

Wrong language in the TV menu ?

Follow these steps to change the language.

- 1 Press **Menu**  on the remote control.
- 2 Use **▼** to select the last menu line.
- 3 Press **▶** three times.
- 4 Press **▲** or **▼** to select your language.
- 5 Press **OK**.
- 6 Press **Menu**  to quit the menus.

TV channels

Some TV channels are gone

- Verify if the correct channel list is chosen.
- A channel could be uninstalled in the **Rearrange** menu.

Picture

The sound is on, but there is no picture

- Verify the contrast or brightness setting in the menu.

The TV picture is poor

- Verify if the antenna is connected properly.
- Non-earthed audio devices, neon lights, high buildings or mountains can influence the picture quality. Try to improve the picture by changing the antenna direction or place devices away from the TV.
- Verify if the correct TV system is chosen in the Manual installation menu.
- If only a certain channel is poor; try to fine tune this channel in the **Fine tune** menu. See section 6.2.3.

The picture has poor colour

- Verify the colour settings in the Picture menu. Select any of the Reset to standard settings in the **Smart settings** menu. See section 5.3.1.
- Verify the connections and cables of the connected devices.

Picture delay when a game console is connected

- To prevent picture delay, set the TV in game mode. Press **Menu** > TV menu > Smart settings > **Game**.

The TV does not remember my settings when I switch back on

- Verify if the TV is set to **Home** in the TV menu > Setup > Installation > Preferences > **Location** menu.

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


- Select a more fitting picture format in the Picture format menu. See section 5.3.4 Widescreen picture format.
- Name your connected device in the Connections menu to obtain the best signal handling. See section 7.7.1 Naming your devices.

The picture position on screen is not correct

- Some picture signals from some devices do not fit the screen correctly. You can shift the picture with the navigation key on the remote control. Verify the signal output of the device.

Sound

There is a picture but no sound

- Verify the volume is not set to 0.
- Verify the sound has not been muted with the  key.

- Verify if all cables are connected properly.
- If no sound signal is detected, the TV automatically switches off the sound.

This is proper operation and is not a malfunction.

The sound is poor

- Verify if the sound is set to Stereo.
- Verify the Equalizer in the Sound menu.
- Select any of the Smart settings in the menu.

The sound comes from one speaker only

- Verify if the Balance is not set to extreme left or right.

Sound delay when A HTS-DVD device is connected

- See the user manual of the HTS-DVD device to adjust the audio sync delay.

If you cannot set A delay, switch off HD Natural Motion in the Picture > Pixel Plus menu. See section 5.3.3

Picture settings.

HDMI connections

Trouble with devices connected with HDMI

- The HDMI - HDCP procedure might take a few seconds before the TV shows the picture from a device.
- If the TV does not recognise the device and the screen shows no picture, try switching from one device to another and back again to restart the HDCP procedure.
- If sound interruptions occur persistently, see the user manual of the device to verify the output settings. If that does not help, connect an additional audio cable.
- If a DVI to HDMI adaptor is used, verify if an additional audio connection is in place to complete the DVI connection.
- HDMI with EasyLink does not work
 - Verify if the connected device supports the HDMI CEC standard. See the user manual that comes with the device.
 - Verify if the HDMI cable is properly connected.
 - Verify if Easylink is activated in the Setup, Installation, Preferences menu.
 - Ensure that the System audio control in your HDMI CEC audio devices is properly set up. See the user manual that comes with your audio device.

USB connection

The TV does not show the USB device content

- Set your device (camera) to 'Mass Storage Class' compliant.
- The USB device may need specific driver software.

Unfortunately this software cannot be downloaded to your TV.

I cannot see my files in the Multimedia menu.

- Not all audio and picture files are supported. See section 8 **Technical data.**

Photo and music files do not playback smoothly

- The transfer performance of the USB device limits the transfer rate.

Personal computer

The PC display on my TV is not stable or is not synchronised

- Verify if the correct resolution mode is selected on your PC. See section 8 **Technical data.**

I cannot find my PC files on my PC

- Verify if files have been added in the folder.
- Not all file formats are supported. See section 8 **Technical data.**

PC files are not shown in the PC network menu


- You have to set the PC media server to share files with the TV. See section 7.6.2 **Set up a PC network connection.**

PC files do not play

- See section 8 **Technical data** for supported file formats.

Net TV

The quality of the displayed programmes is poor

- The quality of the content displayed on the TV depends on the quality of the content service provided by the content provider as well as your connected bandwidth. Philips recommends a broadband Internet connection of at least xx Mbps.
- Reset your Internet settings. Press **Menu**  > Setup > Installation > Manual network installation > **Reset Net TV**

If your problem is not solved

Switch your TV off and on again, that may help. If not, call our Consumer Care or consult our website www.philips.com/support.

Find the Consumer Care telephone numbers on the back cover of this manual.

Please, have the TV Model and Product Number ready before you call.

You can find these numbers on the packaging label or on the typelabel on the back and bottom of the TV.

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Contact information

Type no. _____

Product no. _____



België / Belgique

078 250 145 €0.06/min

Nederland

0900 8407 €0.10/min

United Kingdom

0870 900 9070 Local



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