



Philips 4000 series  
Slim LED TV

**51 cm (20")**  
LED TV  
DVB-T/C



**20PHH4109**

## Slim LED TV

With Digital Crystal Clear

Everyone in your home will enjoy the crisp, clear picture of the Philips 4100 series small screen LED TV. The minimalist design, vivid images and great sound make it the ideal choice for any room in your house.

### Television viewing at your convenience

- One HDMI input and easy link for integrated connectivity
- USB for multimedia playback
- PC Input lets you use your TV as a PC monitor

### Watch anywhere—beautifully

- Digital Crystal Clear: precision you'll want to share
- LED TV for images with incredible contrast
- 100Hz PMR for fluid moving images

### As flexible as you are

- Compact portable TV: designed to be where the fun is
- Slim dimensions complement your interior

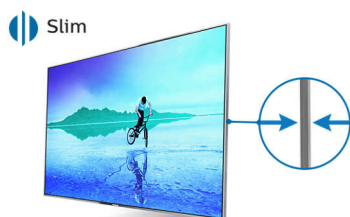
# PHILIPS

# Highlights

## Portable design

Stylish, compact and lightweight. Your small screen TV lets you catch up with your favourite programmes in the kitchen, keeps you up to date with the news while you tinker around in the garage, and gives you the latest sports scores as you BBQ. A TV this portable likes to be where the fun is!

## Slim profile



The Philips Slim profile TV makes a statement with its sleek, sophisticated dimensions. After all, why shouldn't your TV be as beautiful as it is functional?

## Digital Crystal Clear

For natural pictures from any source, Philips created Digital Crystal Clear. Because whether you indulge in your favourite soap, the news, or have friends over to watch a video—you'll enjoy it all in optimal contrast, colour and sharpness.

## LED TV

With LED backlight you can enjoy low power consumption and beautiful lines combined with

high brightness, incredible contrast and vibrant colours.

## 100 Hz Perfect Motion Rate



Nothing beats the adrenaline rush of gaming, fast paced sporting events or action films. That's why this Philips TV has 100Hz Perfect Motion Rate; so you'll enjoy fluid moving images. Because even though your pulse may jump, the image you're watching shouldn't.

## One HDMI input with Easylink



Avoid cable clutter with a single cable to carry both picture and audio signals from your devices to your TV. HDMI uses uncompressed signals, ensuring the highest quality from source to screen. Together with Philips

Easylink, you'll need only one remote control to perform most operations on your TV, DVD, Blu-ray, set top box or home cinema system.

## USB (photos, music, video)



Share the fun. Connect your USB memory-stick, digital camera, mp3 player or other multimedia device to the USB port on your TV to enjoy photos, videos and music with the easy to use onscreen content browser.

## PC input (VGA)

Use your TV as a monitor. Simply connect using a VGA cable and you are ready to go.

# Specifications

## Picture/Display

- Aspect ratio: 4:3/16:9
- Diagonal screen size (inch): 20 inch
- Diagonal screen size (metric): 51 cm
- Display: LED HD TV
- Panel resolution: 1366 x 768p
- Brightness: 250 cd/m<sup>2</sup>
- Picture enhancement: Digital Crystal Clear, 100 Hz Perfect Motion Rate

## Supported Display Resolution

- Computer inputs: up to 1920 x 1080 @ 60 Hz
- Video inputs: 24, 25, 30, 50, 60 Hz, up to 1920 x 1080p

## Tuner/Reception/Transmission

- Digital TV: DVB-T/C
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1
- Music Playback Formats: AAC, AMR, LPCM, M4A, MP3, MPEG1 L1/2, WMA (v2 up to v9.2)
- Subtitles Formats Support: .AAS, .SMI, .SRT, .SSA, .SUB, .TXT
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS

## User Interaction

- Programme: Pause TV, USB Recording\*
- Ease of Use: One-stop Home button
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to Screen, Stretch, Zoom
- Signal strength indication
- Teletext: 1000 page Hypertext
- Electronic Programme Guide\*: 8 day Electronic Programme Guide

## Sound

- Output power (RMS): 5 W
- Sound Enhancement: Incredible Surround, Clear

Sound, Auto Volume Leveller, Dynamic Bass Enhancement

## Connectivity

- Number of HDMI connections: 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Auto subtitle shift (Philips)\*, Pixel Plus link (Philips)\*, One touch play
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 1
- Other connections: CI+1.3 certified, Antenna IEC75, Common Interface Plus (CI+), Audio in (VGA/DVI), PC-In VGA, Digital audio out (optical), Headphone out, Service connector

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: < 0.3 W
- Energy Label Class: A
- EU Energy Label power: 21 W
- Power Saving Features: Auto switch-off timer, Eco mode, Picture mute (for radio)
- Off mode power consumption: < 0.3
- Annual energy consumption: 31 kWh

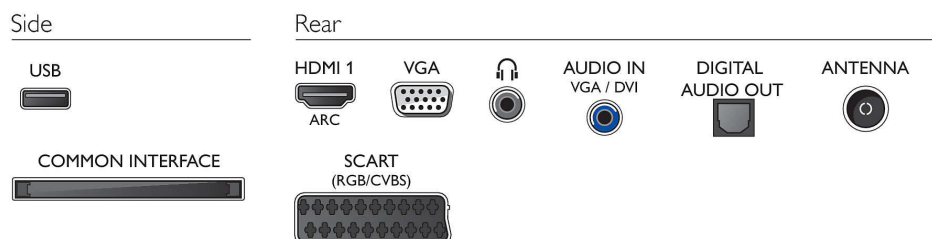
## Accessories

- Included accessories: Remote Control, Tabletop stand, Power cord, Quick start guide, Legal and safety brochure, Warranty Leaflet

## Dimensions

- Set Width: 460 mm
- Set Height: 299 mm
- Set Depth: 53 mm
- Product weight: 2.6 kg
- Set width (with stand): 460 mm
- Set height (with stand): 344 mm
- Set depth (with stand): 145 mm
- Product weight (+stand): 2.8 kg
- Box width: 560 mm
- Box height: 375 mm
- Box depth: 106 mm
- Weight incl. Packaging: 3.8 kg
- Wall-mount compatible: 75 x 75 mm

## Connections



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Version: 8.0.2

EAN: 87 12581 70828 3

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[www.philips.com](http://www.philips.com)

\* Software upgrade required for Pause TV and USB recording. For more details about the software update, please visit [www.philips.com/TV](http://www.philips.com/TV) and click on support.

\* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.

\* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.

\* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

\* EPG and actual visibility (up to 8 days) is country- and operator-dependent.

\* (Philips) only compatible with specific Philips player device.