



Philips 4000 series
Full HD LED TV with
Digital Crystal Clear

127 cm (50")
Full HD LED TV
DVB-T/C



50PFH4109

Full HD LED TV

With Digital Crystal Clear

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

Beyond entertainment, it's interior design

- Ultra Narrow bezel gives you more picture to love
- Modern design complements today's interior

Watch together—beautifully

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

Television viewing at your convenience

- Two HDMI input ports and Easylink for integrated connectivity
- USB for multimedia playback



PHILIPS

Highlights

Ultra narrow bezel



Traditional TVs have a bezel that wraps around the TV like a picture frame. Our Ultra Narrow bezel is modern and thin, so you have more picture to enjoy.

Modern Design

Designed with a contemporary look to blend with your décor. Because your TV should look as beautiful off as it does on.

Digital Crystal Clear

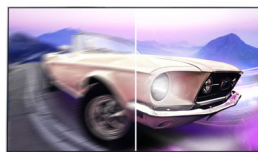
For natural pictures from any source, Philips created Digital Crystal Clear. Because whether you indulge in your favourite soap, the news, or have friends over to watch a video—you'll

enjoy it all in optimal contrast, colour and sharpness.

Full HD LED TV

Picture Quality matters. Regular HDTVs deliver quality, but you expect more. Imagine crisp detail paired with high brightness, incredible contrast and realistic colours for a true to life picture.

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.

Two HDMI input ports with Easylink

Avoid cable clutter with a single HDMI 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 theatre 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.

Specifications

Picture/Display

- Display: LED Full HD
- Diagonal screen size: 50 inch / 127 cm
- Panel resolution: 1920 x 1080p
- Aspect ratio: 4:3/16:9
- Brightness: 250 cd/m²
- Picture enhancement: Digital Crystal Clear, 100 Hz Perfect Motion Rate

Smart 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 days Electronic Programme Guide

Sound

- Output power (RMS): 20 W
- Sound Enhancement: Incredible Surround, Clear Sound, Auto Volume Leveller, Bass Enhancement

Connectivity

- Number of HDMI connections: 2
- Number of USBs: 1
- Number of scarts (RGB/CVBS): 1
- Other connections: CI+1.3 certified, Antenna IEC75, Common Interface Plus (CI+), Digital audio out (optical), Audio in (DVI), Headphone out, Service connector
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Auto subtitle shift (Philips)*, Pixel Plus link (Philips)*, One touch play

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1

- Subtitles Formats Support: .AAS, .SMI, .SRT, .SSA, .SUB, .TXT
- Music Playback Formats: AAC, AMR, LPCM, M4A, MP3, MPEG1 L1/2, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS

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
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM

Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- EU Energy Label power: 62 W
- Annual energy consumption: 90 kWh
- Energy Label Class: A+
- Standby power consumption: < 0.3 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Eco mode, Picture mute (for radio)

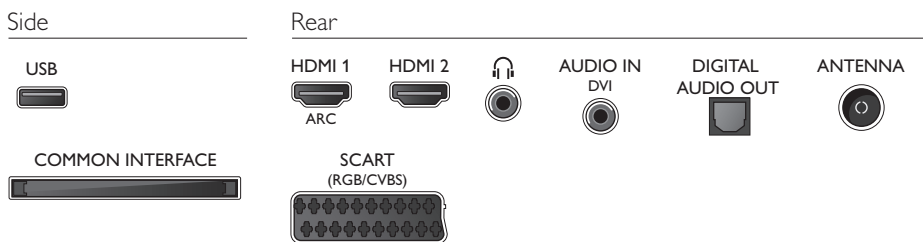
Dimensions

- Box dimensions (W x H x D): 1220 x 750 x 160 mm
- Set dimensions (W x H x D): 1125 x 656 x 94 mm
- Set dimensions with stand (W x H x D): 1125 x 709 x 270 mm
- Product weight: 10.7 kg
- Product weight (+stand): 13.1 kg
- Weight incl. Packaging: 15.5 kg
- VESA wall mount compatible: 400 x 200 mm

Accessories

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

Connections



Issue date 2018-02-22

Version: 5.0.1

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EAN: 87 12581 71022 4

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

* 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.

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

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