



Philips

Full HD LED TV with Digital Crystal Clear

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

50PFH4109/88

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.

Benefits

[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

Features

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.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Display	LED Full HD
Diagonal screen size (metric)	127 cm
Diagonal screen size (inch)	50 inch
Panel resolution	1920 x 1080p
Aspect ratio	4:3/16:9

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.

Brightness	250 cd/m ²
Picture enhancement	Digital Crystal Clear 100 Hz Perfect Motion Rate

Smart Interaction

Programme	Pause TV USB Recording*
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Ease of Use	One-stop Home button	JPS
Firmware upgrade-able	Firmware auto upgrade wizard Firmware upgradeable via USB	PNG
Screen Format Adjustments	Advance - Shift Basic - Fill Screen Fit to Screen Stretch Zoom	PNS
Signal strength indication	Yes	
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

* 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.

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 depth	160 mm
Box height	750 mm
Box width	1220 mm
Set Depth	94 mm
Set Height	656 mm
Set Width	1125 mm
Set depth (with stand)	270 mm
Set height (with stand)	709 mm
Set width (with stand)	1125 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
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data subject to change
2015, May 28

Version: 5.0.1
EAN: 8712581710224

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