



Philips  
LCD TV with Digital  
Crystal Clear

119 cm (47")  
Full HD 1080p

47PFL3609



## Clearly a smart choice

With easy to use and future proof technology.

Experience great picture and sound quality with this full HD 1080p display. So easy to enjoy, with high quality standards, you can be sure that you make the right choice with this PHILIPS Flat TV.

### **Vivid and razor sharp pictures**

- Digital Crystal Clear for detail depth and clarity
- Full HD LCD display, with a 1920x1080p resolution
- Dynamic contrast 30000:1 for incredible rich black details
- Active Control optimizes picture quality whatever the source
- Native cinema mode for real movie experience

### **Crisp and Clear sound**

- Incredible Surround for enhanced audio enjoyment
- 2 x 8W for superior sound clarity
- Dynamic Bass Enhancement for cinematic sound

### **Easy to connect and enjoy**

- 2 HDMI inputs with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor
- Smart Picture and Smart Sound to personalize your viewing

# PHILIPS

# Highlights

## Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

## Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

## Dynamic contrast ratio 30000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic Contrast will increase the contrast

with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

## 2 x 8W audio power

2 x 8W for superior sound clarity

## 2 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With

Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 1 HDMI input on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

## PC input (HDMI and VGA)

With PC input you can use your TV as a PC monitor either using a HDMI-DVI cable/ converter (for digital signals) or VGA cable (for analog signals).

## Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.



# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Brightness: 400 cd/m<sup>2</sup>
- Response time (typical): 8 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 47 inch / 119 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Enhancement, Digital Crystal Clear, Dynamic contrast enhancement, Jagged Line Suppression, Sharpness Adjustment, Dynamic Noise Reduction, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Semi-glare

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85Hz
800 x 600	60, 72, 75, 85Hz
1024 x 768	60, 70, 75, 85Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz

Via HDMI/DVI input

### Video formats

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

## Sound

- Output power (RMS): 2 x 8W
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control
- Sound System: Mono, Nicam Stereo, Stereo

## Loudspeakers

- Built-in speakers: 2

## Convenience

- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer, Wake up Clock, Wake Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Side Control, Smart Picture, Smart Sound, EasyLink
- On-Screen Display languages: Arabic, English, French, Thai, Traditional Chinese
- Remote Control: TV
- Remote control type: PF01A09B
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1000 page Smart Text
- Teletext enhancements: 4 favourite pages
- Signal strength indication
- Firmware upgradeable: Firmware upgradeable via USB

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL B/G, PAL D/K
- Video Playback: NTSC, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 99

## Connectivity

- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in
- Front / Side connections: HDMI v1.3, CVBS in, Audio L/R in, Headphone Out
- Other connections: Monitor out, CVBS, L/R (cinch), PC-in VGA + Audio L/R in
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, System standby

## Power

- Ambient temperature: 5 °C to 40 °C
- Mains power: 110-240V; 50-60Hz
- Power consumption: 265 W
- Standby power consumption: 0.30 W

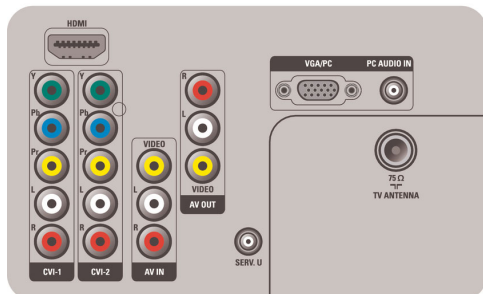
## Dimensions

- Set dimensions (W x H x D): 1139 x 731 x 85 mm
- Set dimensions with stand (W x H x D): 1139 x 796 x 292 mm
- Weight incl. Packaging: 30 kg
- Product weight: 19.5 kg
- Product weight (+stand): 22.3 kg
- Box dimensions (W x H x D): 1438 x 887 x 297 mm
- VESA wall mount compatible: 400 x 400 mm

## Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, User Manual, Remote Control, 2 x AAA Batteries
- User Manual: Arabic, English, French, Thai, Traditional Chinese

## Rear connectors



## Side



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