



Philips  
LCD TV

**48 cm (19")**  
HD Ready  
DVB-T



**19PFL3405H**

## Ideal for any room

With true to life LED picture performance

Whether movies, sports or games - experience great LED pictures with this HD Ready TV. With Philips quality and its sophisticated design this TV is the right choice for any room of your house

### **A clear, vivid LCD picture every time**

- Digital Crystal Clear for depth and clarity
- HD Ready for the highest quality display of HD signals
- Brilliant LED images with low power consumption
- Dynamic contrast 150.000:1 for incredible rich black details
- 28.9 billion colours for brilliant natural images

### **Greener every day**

- Energy efficiency through LED technology

### **Rich and clear sound.**

- Incredible Surround for powerful sound

### **Complete digital connectivity made simple**

- Seamless connectivity with 1 HDMI input and Easylink
- Enjoy photo and music playback via USB
- PC-input allows you to use your TV as a PC monitor
- Integrated Digital DVB-T for digital TV reception.

# PHILIPS

LCD TV  
48 cm (19") HD Ready, DVB-T

# Highlights

## Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimises picture quality to optimal contrast, colour and sharpness levels. The result is extremely clear pictures from any source.

## HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

## LED



The most advanced LED lighting technology in this TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does

not contain any hazardous materials. Thus, with LED backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colours.

## 28.9 billion colours



Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised for a total processing power of 28.9 billion colours. The advanced algorithms detect even the subtlest shades and skin tones, creating the best colour possible.

## Incredible Surround

Feel the power of the music beat and the atmosphere of the movies. Incredible Surround allows you to experience total surround sound with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

## 1 HDMI inputs with Easylink

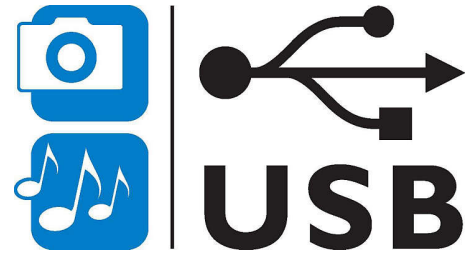


HDMI is a single cable, which carries both picture and audio signals from your devices to your TV, helping to avoid cable clutter. It carries uncompressed signals, ensuring the

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highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system.

## USB for photo and music playback



The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your photos and music.

## PC input (VGA)

With PC input you can connect your TV to a computer using a VGA cable and use the TV as a PC monitor.

## Energy efficient LED

Using the latest LED backlight technology, LED-backlit TVs are considered a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have improved generation after generation resulting in an increase in material efficiency and a reduction in energy usage without compromising on safety and wellbeing. That's good news for you today - your children tomorrow.

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Colour cabinet: Whiskey tint deco front with high gloss black cabinet
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Active Control, Colour Enhancement, Colour Transient Improvement, Digital Crystal Clear, Digital Noise

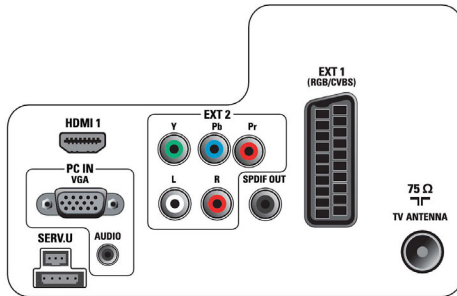
- Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Response time (typical): 6 ms
- Viewing angle: 170° (H)/160° (V)
- Peak Luminance ratio: 65 %
- Screen enhancement: Anti-Reflection coated

screen

## Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 720, 60 Hz, 1280 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, Via HDMI/DVI input,
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50,

## Rear connectors



## Side



# Specifications

60 Hz, 1080p, 24, 50, 60 Hz, 1080p, 24, 25, 30, 50, 60 Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L', DVB COFDM 2K/8K
- Digital TV: DVB-T MPEG4\*
- Video Playback: NTSC, SECAM, PAL

## Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, JPEG Still pictures

## Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On-Screen Display, Settings assistant Wizard, Side Control
- Clock: Sleep Timer, Wake-up Clock, Wake-Up Timer
- Connection Enhancement: Easy link
- Screen Format Adjustments: 4:3, Auto Format, Super Zoom, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Widescreen
- Multimedia: USB media browser
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide\*
- Remote Control: TV
- Teletext: 1000-page Hypertext
- Teletext enhancements: Fast text, Programme information Line
- Smart mode: Personal, Vivid, Natural, Cinema, Game, Energy saving, Standard, Movie

## Sound

- Output power (RMS): 2 x 3 W, Invisible Sound
- Sound System: Nicam Stereo
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound

## Connectivity

- Audio Output - Digital: Coaxial (cinch)
- Number of Scarts: 1
- EasyLink (HDMI-CEC): One touch play, EasyLink, System audio control, System standby
- Front/Side connections: CVBS in, Audio L/R in, Headphones Out, USB 2.0
- Ext 1 Scart: Audio L/R, RGB
- HDMI 1: HDMI v1.3
- Other connections: Composite video (CVBS) out, PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface
- Ext 2: YPbPr in, Audio L/R in
- Summary: 1 x HDMI, 1 x USB, 1 x SCART

## Power

- Mains power: 220–240 V, 50 Hz
- Ambient temperature: 5°C to 40°C
- Green label: ECO label certified
- Standby power consumption: 0.3 W
- Power consumption (typical): 30 W
- Annual energy consumption: 43.8 kWh
- Presence of lead: Yes\*

## Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries, Software declaration

## Dimensions

- Wall-mount compatible: 75 x 75 mm



Issue date 2023-08-21

Version: 14.2.5

EAN: 87 12581 54601 4

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



\* 8 days EPG, service not available in all countries

\* DVB-T, supported in selected countries only

\* 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.

\* Typical on-mode power consumption measured according to IEC62087 Ed 2.

\* 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.

\* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.