



Philips  
LCD TV with Digital  
Crystal Clear

**48 cm (19")**  
integrated digital

**19PFL5403D**



## Brilliant design, powerful performance.

Style and performance meet in one complete experience. Combining HD display, Digital Crystal Clear and fantastic invisible sound, this Flat TV provides brilliant design and powerful performance for years to come.

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

- Digital Crystal Clear for detail depth and clarity
- HD LCD display, with a 1440 x 900p resolution
- HD Ready for the highest quality display of HD signals
- Up to 5 ms response time for clear, fast-moving action

### **Pure and powerful sound**

- Superb audio enjoyment from unique invisible speakers
- Incredible Surround for enhanced audio enjoyment

### **Connect, install and enjoy**

- 2 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV and connected device via HDMI CEC
- PC-input allows you to use your TV as a PC monitor
- Smart mode selects a perfect mode for what you are watching

### **Ready for digital**

- Integrated Digital Tuner for DVB-T reception

**PHILIPS**  
sense and simplicity

# 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. It's like watching vivid cinema-like images.

## LCD display, 1440 x 900p

This WXGA+ display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1440 x 900p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

## 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.

## Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

## 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 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can

connect multiple HD sources, for instance an HD set-top box and a Blu-ray player. Your TV is fully prepared for the HD future.

## 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. EasyLink uses the standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.

## 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.

## Smart mode

The optimum picture and sound depends on various aspects like the video source, content type, surroundings of the room, type of display device etc. Smart Mode has predefined picture and sound settings conveniently pre-set by the way you use your TV. The 'Personal' setting, allows you to define the picture settings according to your preference, store it and gain easy access for future selection. All these conveniently built into your TV for optimal settings.

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V)
- Diagonal screen size: 19 inch / 48 cm
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1440 x 900p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, White stretch, Digital Crystal Clear, Progressive scan, Smart Picture
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution

### • Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz

### • Video formats

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

## Sound

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

## Convenience

- Clock: Sleep Timer, Start timer, Stop timer
- Connection Enhancement: Easy link
- 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), On-Screen Display, Programme List, Side Control
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide

- Picture in Picture: Text dual screen
- Remote Control: TV
- Remote control type: RCPF05E08B
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 100-page Smart Text
- Smart mode: Movie, Personal, Power saver, Standard, Vivid

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB Terrestrial\*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

## Connectivity

- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2: S-video in, CVBS in, Audio L/R in
- Ext 3: YPbPr, Audio L/R in
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System standby
- Other connections: Headphone out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface

## Power

- Ambient temperature: 5°C to 35°C
- Mains power: 100-240 V, 50/60 Hz
- Power consumption: 50 W
- Standby power consumption: <0.3 W

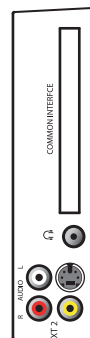
## Dimensions

- Set dimensions (W x H x D): 475 x 334 x 71 mm
- Set dimensions with stand (W x H x D): 475 x 387 x 160 mm
- Product weight: 4.5 kg
- Product weight (+stand): 5 kg
- Box dimensions (W x H x D): 567 x 399 x 215 mm
- VESA wall mount compatible: 100 x 100 mm

## Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Warranty

certificate, Remote Control, Batteries for remote control



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