



Philips  
LCD TV with Perfect Pixel  
HD Engine

**117cm/46" class**

Full HD 1080p digital TV



**46PFL7705DV**

## More than performance

Limitless Possibilities with Philips MediaConnect

Treat yourself to an immersive experience with Philips LED TV. Wireless access for Video on Demand favorites & social networking. Surf the web, view any content from your PC, wirelessly share it directly on your TV with Philips MediaConnect

### **In-built internet TV**

- Wirelessly connect to the internet right out of the box
- Connect a PC to a TV wirelessly with MediaConnect
- Net TV with Wireless access to online services on your TV
- DiVX enabled for HD portable movie playback

### **Enlarge your viewing experience**

- LED technology ensures natural color and thin design
- Full HD LCD display, with a 1920x1080p resolution
- 120 Hz LCD for superb motion sharpness
- Perfect Natural Motion for ultra smooth Full HD movies
- Perfect Pixel HD Engine for unrivalled sharpness and clarity

### **Greener every day**

- 40% more energy efficient than LCD
- Energy Star rated for low power consumption
- Free of heavy metal and RoHS compliant

# PHILIPS

sense and simplicity

LCD TV with Perfect Pixel HD Engine  
117cm/46" class Full HD 1080p digital TV

46PFL7705DV/F7

## Highlights

### Online Premium video on Demand

Enjoy Premium movies wirelessly to your TV from Vudu and Netflix. From the greatest romantic classics to fast action movies, it's all there at a push of a button from the comfort of your sofa. Free yourselves from fixed program timeslots, and watch what you like, when you like.

### MediaConnect



Share your videos and pictures from your laptop on the TV wirelessly. Once installed on your laptop operation is very easy. With a click of your mouse you share the whole of your laptop screen with the TV. Use the familiar mediaplayer in your laptop, or browse webpages via your favorite web browser. No more worries about file types, if your PC can play it, your TV will show it. For your own enjoyment, and great fun to share with others.

### Net TV with Wireless



Experience a rich selection of online services with Net TV wirelessly. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Wirelessly navigate and select what you want to watch with

the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen.

### LED

LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality, as well as being the lowest power consumption in its category. Another environmental benefit is that LED lighting technology does not contain hazardous materials. With an LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

### 120 Hz LCD

120 Hz LCD creates extreme motion sharpness. The Double Frame Rate Insertion increases the sharpness of motion reproduction to more than twice that of conventional LCD. Now you can enjoy clear images even with fast on-screen motion.

### 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.

### Perfect Natural Motion



Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness. Enjoy motion performance that surpasses cinema quality!

### Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

### Energy Star

Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

Perfect  
Pixel  
HD ENGINE

(((Wireless)))  
Online on TV. Instantly.

Mediaconnect  
Wirelessly connect your PC to your TV

LED

120Hz

vudu  
HD Movies

NETFLIX

HDMI

SRS  
TruSurround HD

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Display screen type: LED Full HD Display
- Panel resolution: 1920x1080p
- Brightness: 450 cd/m<sup>2</sup>
- Response time (typical): 2 ms
- Contrast ratio (typical): 5000:1
- Dynamic screen contrast: 110,000:1
- Diagonal screen size: 46 inch / 117 cm
- Visible screen diagonal (inch): 45.99 inch
- Viewing angle: 178° (H) / 178° (V)
- Picture enhancement: 120Hz LCD, Perfect Pixel HD Engine, Perfect Natural Motion, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Dynamic contrast enhancement, Progressive scan

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1440 x 900	60 Hz
1680 x 1050	60Hz
1920 x 1080	60Hz

### Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	60Hz

## Sound

- Equalizer: 5-bands
- Sound System: Dolby Digital (AC-3), Stereo, SAP, SRS TruSurround HD
- Output power (RMS): 20W

## Loudspeakers

- Built-in speakers: 4

## Convenience

- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer
- Ease of Installation: Autostore
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Channel list, Settings assistant Wizard, Side Control
- Remote Control: TV
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot), Automatic
- Multimedia: Net TV services, auto slideshow

## Multimedia Applications

- Multimedia connections: USB memory class device
- Playback Formats: MP3, JPEG Still pictures, MPEG1, MPEG2, AVI, DivX

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Tuner bands: UHF, VHF

## Connectivity

- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr, CVBS in
- HDMI 1: HDMI
- HDMI 2: HDMI
- HDMI 3: HDMI
- HDMI 4: HDMI
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Ethernet, PC Audio in, PC-In
- USB: USB
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), Remote control pass-through, System audio control, System standby

## Power

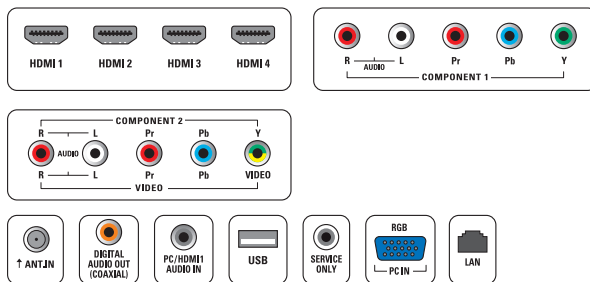
- Mains power: 120V/60Hz
- Power consumption: 165 W
- Standby power consumption: < 0.1 W
- Ambient temperature: 5°C to 35°C (41°F to 95°F)

## Dimensions

- Set dimensions in inch (W x H x D): 43.39 x 26.38 x 1.57 inch
- Set dimensions with stand in inch (W x H x D): 43.39 x 28.78 x 11.34 inch
- Product weight (lb): 36.82
- Product weight (+stand) (lb): 48.72 lb
- Box dimensions in inch (W x H x D): 55.91 x 31.69 x 10.63 inch
- Weight incl. Packaging (lb): 59.75
- VESA wall mount compatible: 400 x 400 mm

## Accessories

- Included accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Registration card, Remote Control, Batteries for remote control, Cable ties, Warranty certificate



Issue date 2012-01-20

Version: 1.1.1

12 NC: 8670 000 67501  
UPC: 6 09585 19512 7

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