



Philips  
widescreen flat TV with  
Pixel Plus HD

42"

LCD integrated digital

42PFL7682D



# Turn up your viewing experience

with Integrated Digital Tuner

With this TV you can now enjoy the benefits of digital TV, Electronic Program Guide and digital quality content. At the same time, you can also watch superb pictures with Pixel Plus HD clarity and details on a Full HD 1080p LCD panel

## Vivid, natural and razor sharp images

- LCD Full HD display, 1920x1080p
- Integrated Digital Tuner for DVB-T reception
- HD ready for the highest quality display of HDTV signals
- Pixel Plus HD for better details, depth and clarity in HDTV
- 3D combfilter separates colors for a razor-sharp image

## Exciting and lifelike sound

- Incredible Surround™ for enhanced audio enjoyment

## Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

## Designed for your convenience

- 1000 page Hypertext for instant fast access to teletext

## For advanced performance

- Dual HDMI input for full digital High Definition connection

**PHILIPS**

sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** 16:9, Widescreen
- **Brightness:** 500 cd/m<sup>2</sup>
- **Dynamic screen contrast:** 5000:1
- **Response time (typical):** 5 ms
- **Viewing angle (H / V):** 178 / 178 degree
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Picture enhancement:** Pixel Plus HD, Luminance Transient Improver, Color Transient Improvement, Dynamic contrast enhancement, Contrast Plus, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Digital Noise Reduction, Jagged Line Suppression, Progressive Scan
- **Screen enhancement:** Anti-Reflection coated screen

### 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

#### Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh
1920 x 1080p	

### Sound

- **Equalizer:** 7-bands
- **Output power (RMS):** 2 x 10 W
- **Sound Enhancement:** Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround
- **Sound System:** Nicam Stereo, Stereo

### Loudspeakers

- **Built-in speakers:** 2

Stereo system					Transmission system					
2CS DK	NICAM DK	2CS BG	NICAM I	NICAM LL'	PAL BG	PAL D/K	PAL I	SECAM BG	SECAM DK	SECAM LL'
●	●	●	●	●	●	●	●	●	●	●

### Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** Sleep Timer, Wake up Clock
- **Ease of Installation:** Auto Programme Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- **Ease of Use:** Auto Volume Leveller (AVL), Easy toggle Dig/Analog modes, Program List, Side Control, Smart Picture Control, Smart Sound Control
- **Electronic Programme Guide:** 8 day Electronic Program Guide
- **Remote Control:** TV
- **Remote control type:** RC2034301/01
- **Screen Format Adjustments:** 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- **Picture in Picture:** Text dual screen
- **Teletext:** 1000 page Hypertext
- **Teletext enhancements:** 4 favourite pages, Program information Line

### 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', DVB COFDM 2K/8K
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB Terrestrial \*
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **Number of Preset Channels:** 100
- **Tuner Display:** PLL

### Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, S-video in
- **Ext 3:** S-video in, CVBS in, Audio L/R in
- **Ext 4:** YPbPr, Audio L/R in
- **Ext 5:** HDMI
- **Ext 6:** HDMI
- **Number of Scarts:** 2
- **Other connections:** Headphone out, Common Interface

### Power

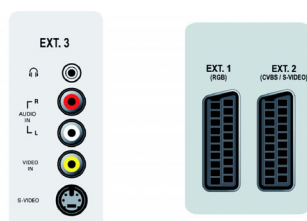
- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** 220 - 240V, 50/60Hz
- **Power consumption:** 240 W
- **Standby power consumption:** < 1 W

### Dimensions

- **Color cabinet:** Black cabinet with glass deco front, Titanium speaker foil, Titanium RC, rounded glass black stand
- **Set dimensions (W x H x D):** 1046 x 686 x 118 mm
- **Set dimensions with stand (W x H x D):** 1046 x 749 x 265 mm
- **Product weight:** 26 kg
- **Product weight (+stand):** 32 kg
- **Box dimensions (W x H x D):** 1152 x 788 x 313 mm
- **Weight incl. Packaging:** 40 kg
- **VESA wall mount compatible:** 600 x 400 mm

### Accessories

- **Included Accessories:** Table top stand, Power cord, Quick start guide, User Manual, Registration card, Warranty certificate, Remote Control, Batteries for remote control
- **Optional accessories:** Floor stand



Date of issue 2007-04-17

Version: 1.0

12 NC: 8670 000 32177  
EAN: 87 12581 34986 8

© 2007 Koninklijke Philips Electronics N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

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

widescreen flat TV with Pixel Plus HD  
42" LCD integrated digital



42PFL7682D/12

### Product highlights

#### LCD Full HD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

#### Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and also the additional cables.

#### HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. 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 a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

#### Pixel Plus HD

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth from any HD source.

#### 3D Combfilter

The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

#### 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.

#### Compact and slim design

This design style emphasizes a slim, compact look that saves space and fits in anywhere.

#### Dual HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog 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 backward 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 settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

