



Philips  
widescreen flat TV with  
Digital Crystal Clear

42"

LCD HD Ready

42PFL3312



## Turn up your viewing experience with Digital Crystal Clear

Here is a wonderful new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Digital Crystal Clear for natural, vivid images and Incredible Surround for superb audio.

### **Vivid, natural and razor sharp images**

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Digital Crystal Clear provides vivid cinema-like images
- 3D combfilter separates colours 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**

- 500 pages of teletext for fast access to text information

### **For advanced performance**

- 2 HDMI inputs for full digital HD connection in one cable

# 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 WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** Digital Crystal Clear, 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, 85 Hz
800 x 600	60, 72, 75, 85 Hz
1024 x 768	60, 70, 75, 85 Hz

#### 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

### 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

### 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), Auto store, Fine Tuning, Plug & Play, Programme Name, Sorting
- **Ease of Use:** Auto Volume Leveller (AVL), Programme List, Side Control, Smart Picture Control, Smart Sound Control

- **Remote Control:** TV
- **Remote control type:** RC2023601/01
- **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:** 500-page Smart Text
- **Teletext enhancements:** 4 favourite pages, Programme 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'
- **Video Playback:** NTSC, SECAM, PAL
- **Tuner bands:** Hyper band, 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

### Power

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

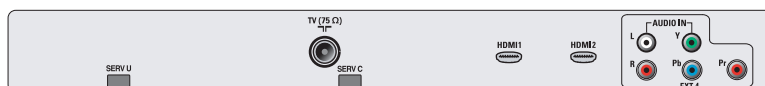
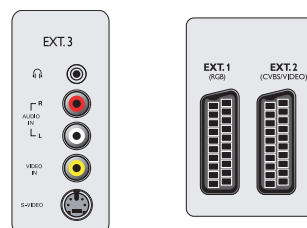
### Accessories

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

### Dimensions

- **Colour cabinet:** High Gloss Black
- **Set dimensions (W x H x D):** 1058 x 692 x 115.5 mm
- **Set dimensions with stand (W x H x D):** 1058 x 748 x 286 mm
- **Product weight:** 27.9 kg
- **Product weight (+stand):** 35.9 kg
- **Box dimensions (W x H x D):** 1138 x 794 x 316 mm
- **Weight incl. Packaging:** 40.0 kg
- **VESA wall mount compatible:** 600 x 400 mm

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'
•	•	•	•	•	•	•	•	•	•	•





### Product highlights

#### LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p 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 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.

#### 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.

#### 3D Combfilter

The 3D combfilter separates brightness and colour signals better in 3D domain to eliminate cross-colour, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital combfilter performs field-by-field comparisons of the television image to accurately separate the colour 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 emphasises a slim, compact look that saves space and fits in anywhere.

#### 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.



Issue date 2008-05-26

Version: 1.0.9

12 NC: 8670 000 30334  
EAN: 87 12581 33770 4

© 2008 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)