

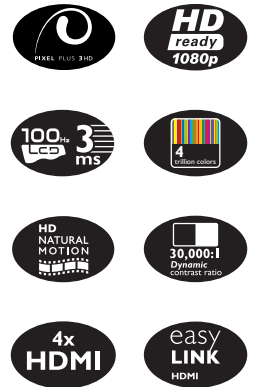


Philips  
Flat TV with Pixel Plus 3  
HD

42"

LCD integrated digital

42PFL7423D



## Be part of the action.

Experience brilliant performance with a breathtaking full HD 1080p, 100Hz display. Combined with a powerful Pixel Plus 3HD engine, HD Natural Motion and exciting invisible sound, this Flat TV ensures you're always part of the action.

### See every detail of the action

- Pixel Plus 3 HD for most sharp and clear pictures
- Full HD LCD display, with a 1920x1080p resolution
- HD Natural Motion for ultra smooth motion in Full HD movies
- 100Hz LCD, 3ms performance for superb motion sharpness
- 4 trillion colors processing for vivid and brilliant images
- Dynamic contrast 30000:1 for incredible rich black details

### Exciting and powerful sound

- Virtual Dolby Digital for a true life audio experience

### Connect, install and enjoy

- USB for fantastic photo and music playback
- 4 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC

### Ready for digital

- Integrated Digital Tuner for DVB-T reception



**PHILIPS**

sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 500 cd/m<sup>2</sup>
- **Dynamic screen contrast:** 30000:1
- **Response time (typical):** 3 (BEV equiv.) ms
- **Viewing angle:** 176° (H) / 176° (V)
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Picture enhancement:** Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Dynamic contrast enhancement, Progressive Scan, 100Hz LCD, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, HD Natural Motion
- **Screen enhancement:** Anti-Reflection coated screen
- **Color processing:** 4 trillion colors (14bit RGB)

### Supported Display Resolution

#### Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080i	60Hz
1920 x 1080p	60Hz

#### Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50Hz, 60Hz
1080p	24Hz, 25Hz, 30 Hz

### Sound

- **Output power (RMS):** 2 x 15W
- **Sound Enhancement:** Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser, Smart Sound
- **Sound System:** Virtual Dolby Digital, BBE

### Loudspeakers

- **Built-in speakers:** 2

### Convenience

- **Child Protection:** Child Lock+Parental Control
- **Ease of Installation:** Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- **Ease of Use:** 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- **Electronic Program Guide:** Now + Next EPG, 8 day Electronic Program Guide
- **Picture in Picture:** Text dual screen
- **Remote Control:** TV

- **Remote control type:** RC4452
- **Screen Format Adjustments:** 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- **Teletext:** 1200 page Hypertext
- **Teletext enhancements:** Habit Watch, Program information Line
- **Firmware upgradeable:** Firmware auto upgrade wizard, Firmware upgradeable via USB
- **Multimedia:** Digital media reader (browser), USB autobreak-in
- **Smart mode:** Game, Movie, Personal, Energy saving, Standard, Vivid

### Multimedia Applications

- **Multimedia connections:** USB
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

### Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** DVB COFDM 2K/8K
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB Terrestrial \*
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF

### Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 3:** YPbPr, Audio L/R in, VGA PC-in
- **Ext 4:** HDMI v1.3
- **Ext 5:** HDMI v1.3
- **Ext 6:** HDMI v1.3
- **HDMI-control (CEC features):** One touch play, System audio control, System standby
- **Front / Side connections:** HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- **PC network link:** DLNA certified
- **Other connections:** Analog audio Left/Right out, Ethernet, PC Audio in, S/PDIF out (coaxial), Common Interface

### Power

- **Ambient temperature:** 5 °C to 35 °C
- **Mains power:** AC 220 - 240 V +/- 10%
- **Power consumption:** 206 W
- **Standby power consumption:** 0,15 W

### Dimensions

- **Set dimensions (W x H x D):** 1046 x 644 x 88 mm
- **Set dimensions with stand (H x D):** 716 x 262 mm
- **Weight incl. Packaging:** 42 kg
- **Product weight:** 21 kg
- **Product weight (+stand):** 25.5 kg
- **Box dimensions (W x H x D):** 1151 x 793 x 333 mm
- **Color cabinet:** High gloss black deco front with black cabinet
- **VESA wall mount compatible:** 400 x 400 mm

### Accessories

- **Included Accessories:** Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

## Product highlights

### Pixel Plus 3 HD

Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clean and razor sharp.

### 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.

### HD Natural Motion

Philips invented HD Natural Motion to eliminate juddering effects that are visible with movie based picture content. HD Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level. HD Natural Motion removes judder from SD and HD pictures, including 1080p, for a motion performance that surpasses the cinema!

### 100Hz LCD (3ms)

100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

### Dynamic contrast ratio 30000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

### 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.

### Virtual Dolby Digital

Virtual Dolby Digital is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.



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