

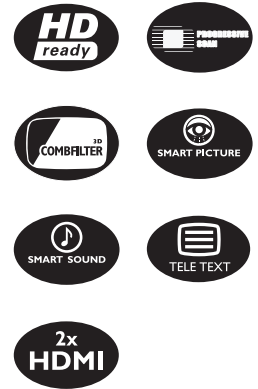


Philips
widescreen flat TV

42"

LCD HD Ready

42PFL2302



Turn up your viewing experience

Experience the superior picture quality of this excellent flat display with the latest LCD technology. It's packed into a stunning design that will complement your interior.

Better quality images that reveal more detail

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Progressive Scan component video for optimized image quality
- 3D combfilter separates colors for a razor-sharp image

Crisp and Clear sound

- Virtual Surround Sound for enhanced sound

Stylish design

- Compact and slim design that fits in every room

Designed for your convenience

- Smart Picture and Smart Sound to personalize your viewing
- PC input lets you also use your TV as a PC monitor

For advanced performance

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

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 500 cd/m²
- **Contrast ratio (typical):** 2000:1
- **Response time (typical):** 8 ms
- **Diagonal screen size:** 42 inch / 107 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Black stretch, White stretch, Digital Noise Reduction, Progressive Scan, Automatic skin tone correction
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing angle (H / V):** 178 / 178 degree

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	50,60,70,75,85Hz
800 x 600	60, 70, 75, 85Hz
1024 x 768	60, 70, 75Hz
1152 x 864	60, 70, 75Hz
1280 x 720	60Hz
1280 x 768	60Hz
1280 x 960	60, 70, 75Hz
1280 x 1024	60, 70, 75Hz
1360 x 768	60Hz

Video formats

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

Sound

- **Output power (RMS):** 2 x 12 W
- **Sound Enhancement:** Auto Volume Leveller, Virtual Surround Sound
- **Sound System:** Mono, Nicam Stereo

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Child Protection:** Child Lock
- **Clock:** Sleep Timer
- **Ease of Installation:** Auto Program Naming, Automatic Tuning System (ATS), Fine Tuning, PLL Digital Tuning, Program Name

- **Ease of Use:** Menu Control, On Screen Display, Side Control, Smart Picture Control, Smart Sound Control
- **Remote Control:** TV
- **Screen Format Adjustments:** 4:3, Auto Format, Full screen, Movie expand 14:9, Movie expand 16:9, Widescreen
- **Teletext:** Smart Text

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
- **DVB:** DVB Terrestrial *
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **Tuner Display:** PLL

Connectivity

- **AV 1:** Audio L/R in, CVBS in, S-Video
- **AV 2:** Audio L/R in, YPbPr
- **AV 3:** HDMI
- **AV 4:** HDMI
- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, S-video in
- **Number of Scarts:** 2
- **Other connections:** Analog audio Left/Right out, Composite video (CVBS) out, DVI-I, Headphone out, PC Audio in, S/PDIF out (coaxial)

Power

- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** 175-265 VAC, 50/60 Hz
- **Power consumption:** < 229 W
- **Standby power consumption:** < 1 W

Accessories

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

Dimensions

- **Color cabinet:** Black
- **Set dimensions (W x H x D):** 1135 x 800 x 101 mm
- **Set dimensions with stand (W x H x D):** 1135 x 815 x 250 mm
- **Product weight:** 14.72 kg
- **Product weight (+stand):** 28.5 kg
- **Box dimensions (W x H x D):** 1227 x 945 x 342 mm
- **Weight incl. Packaging:** 32.56 kg
- **VESA wall mount compatible:** 400 x 200 mm

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 colors. 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 settop box or Blu-ray disc. 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 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.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

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.

Virtual surround sound

Virtual surround sound creates additional audio channels for a theater-like audio experience.

Compact and slim design

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

Smart Picture and Smart Sound

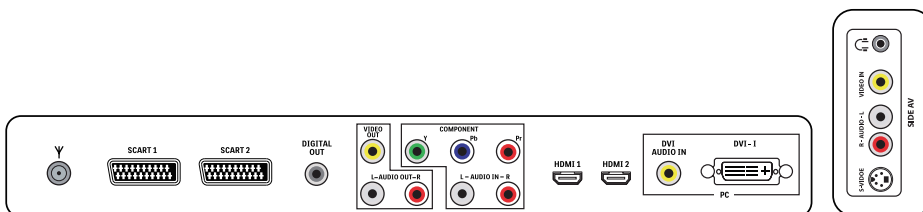
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

2 HDMI inputs

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.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.



Issue date 2008-07-03

Version: 1.2.5

12 NC: 8670 000 36327
EAN: 87 12581 38937 6

© 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