

Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 2 HD, Ambilight and the latest Plasma technology. Share music and photos via the built-in USB and memory-card reader.



Be an eyewitness

- Active Control with Light Sensor optimizes picture quality
- Enjoy HDTV that's truer than anything you've seen before
- HDTV ready for use with CableCARD
- High Definition Plasma WXGA display, 1366 x 768p
- Pixel Plus 2 HD improves details in standard TV and HDTV

Add a new dimension to your viewing

- Full-color ambient lighting enhances the viewing experience

Enjoy your favorite movies, photos and music

- USB and Memory-Card slot for instantly playing multimedia

Advanced connection to your audio/video products

- Most modern and highest quality HDMI connectivity



PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 1100 cd/m²
- **Contrast ratio:** 3000:1
- **Diagonal screen size:** 50 in / 127 cm
- **Display screen type:** HD Plasma panel
- **Picture enhancement:** Pixel Plus II™, Digital Crystal Clear, Progressive Scan, Active Control + Light sensor, Jagged Line Suppression, Widescreen Plus, Pixel Plus 2 HD
- **Screen enhancements:** Anti ageing circuit, Anti-Reflection coated screen
- **Viewing angle (h / v):** 160 / 160 degree
- **Panel resolution:** 1366 x 768p

Ambilight

- **Ambilight Features:** Auto adaptive to video content, 2 Channel Left/Right control
- **Color Settings:** Full Multi Colour
- **Dimming Function:** Manual and via Light Sensor
- **Preset modes:** 2 Preset & 1 Personal color, 4 Active Adaptive modes

Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1366 x 768	60Hz
Video Formats	
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

- **Sound Enhancement:** Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser, Smart Sound
- **Sound System:** Virtual Dolby Digital
- **Output power (RMS):** 2x15W

Loudspeakers

- **Built-in speakers:** 2

- **Loudspeaker types:** Front Speakers

Convenience

- **Ease of Installation:** Automatic Tuning System (ATS), PLL Digital Tuning, Plug & Play
- **Ease of Use:** Backlighted side controls, Channel list, Delta Volume per preset, Smart Picture Control, Smart Sound Control
- **Electronic Programming Guide:** Gemstar, TV Guide On Screen
- **Remote control type:** RC4308
- **Teletext:** Closed Captioning Full Text
- **Remote Control:** Universal and Learnable
- **Remote control:** TV, VCR, DVD/R, SAT, CBL, AMP
- **Screen Format Adjustments:** 7 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- **Clock:** Smart Clock
- **Child Protection:** Child Lock+Parental Control
- **Picture in Picture:** HDMI-Component PIP

Multimedia Applications

- **Digital Content Management:** Digital Media Reader
- **Memory Card Types:** Compact Flash, Compact Flash type II, Memory Stick, Microdrive, MMC, Secure Digital, Smart Media
- **Multimedia connections:** USB 1.1 memory class device
- **Playback Formats:** JPEG Still pictures, MP3, MP3-pro, Slideshow files (.alb)

Tuner/Reception/Transmission

- **TV system:** ATSC, NTSC
- **Video Playback:** NTSC
- **Aerial Input:** 75 Ohm F-type
- **Cable:** Digital Cable Ready CableCARD, Unscrambled Digital Cable -QAM

Connectivity

- **Ext 4:** VGA PC-in
- **Other connections:** Cable Card Interface, G-link (TV Guide link), Monitor out, CVBS, L/R (cinch), SP-DIF in (coaxial), SP-DIF out (coaxial)
- **AV 1:** (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS in, RGB+H/V, Y/C, YPbPr

Product highlights

Plasma WXGA panel, 1366 x 768p

This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Pixel Plus 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Ambilight

The full-color ambient lights offers you relaxed viewing and a unique ambiance via a soft light glow on the walls surrounding the TV. Research has shown that watching television with adapted ambient lighting promotes more relaxed TV viewing. The Ambilight colors automatically adapt to the images on the screen to add a new sensation to the viewing experience. The light can also be switched to fixed colors or various shades of white. In standby mode, the lights can be operated to any color and create a unique ambiance in the room.

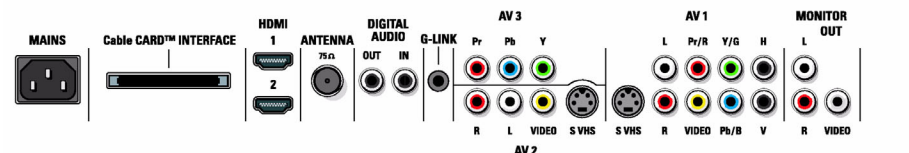
Active Control + Light Sensor

Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

USB and Memory Card slot

Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type Compact Flash I and II, Memory Stick, SD Card / Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB 1.1 memory-class device).

Rear connectors



Side connectors



Date of issue 2005-05-04

Version: 22

12 NC: 8670 000 21603
UPC: 3 78499 62626

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Technical specifications (continued)

- **AV 2:** Audio L/R in, CVBS, Y/C
- **AV 3:** S/PDIF digital coaxial, YPbPr
- **AV 4:** HDMI
- **AV 5:** HDMI
- **Front / Side connections:** Audio left/right in, CVBS in, Headphone out, S-video in, USB 1.1

Power

- **Power Consumption:** 406 W
- **Standby power consumption:** <2
- **Mains power:** AC 110-120V (+/-10%)
- **Ambient temperature:** +5 -/+ 40 C

Dimensions

- **Product dimension (WxDxH) inch:** 55.7 x 30.7 x 4.1"
- **Product weight in lbs:** 132.3
- **Carton dimensions (WxDxH) inch:** tbc
- **Weight incl. packaging in lbs:** tbc
- **Color cabinet:** Pearl White Sliver | 1092

Accessories

- **Included Accessories:** CD-ROM with software + manual, Table top stand, Wall mounting bracket



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