

Turn up your viewing experience

with Pixel Plus 2 HD

Enjoy the ultimate viewing experience with this Philips integrated HDTV with premium picture quality from Pixel Plus 2 HD, and the latest in LCD technology. Share music and photos via the built-in USB connection.



Be an eyewitness

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

Access your digital content

- USB Connector for easy, instant multimedia playing

Advanced connection to your audio/video products

- Most modern and highest quality HDMI connectivity



PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 550 cd/m²
- **Contrast ratio (typical):** 800:1
- **Diagonal screen size:** 32 inch / 80 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Picture enhancement:** Progressive Scan, Active Control + Light sensor, Jagged Line Suppression, Widescreen Plus, Pixel Plus 2 HD, Dimming Backlight, 3D Combfilter
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing angle (H / V):** 176 / 176 degree
- **Panel resolution:** 1366 x 768p
- **Response time (typical):** 8 ms
- **Dimming Backlight Contrast:** 2400:1

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
- **Sound System:** Virtual Dolby Digital
- **Output power (RMS):** 2x15W

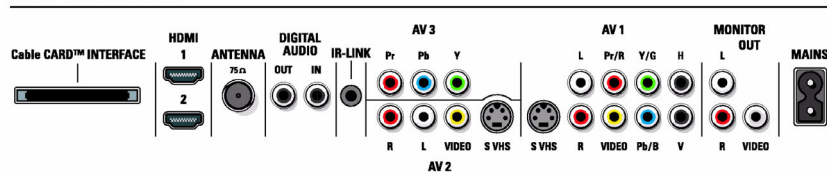
Loudspeakers

- **Built-in speakers:** 2

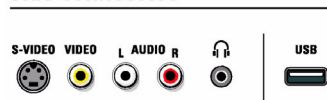
Convenience

- **Ease of Installation:** Automatic Tuning System (ATS), PLL Digital Tuning, Plug & Play, Autostore
- **Ease of Use:** Channel list, Delta Volume per preset, Smart Picture Control, Smart Sound Control, On Screen Display, Side Control
- **Remote control type:** RC4345

Rear connectors



Side connectors



- **Teletext:** Closed Captioning Full Text
- **Remote Control:** VCR, DVD-R, DVD, 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
- **Color cabinet:** Pearl - White Silver (11092)
- **VESA wall mount compatible:** 200,100 mm

Accessories

- **Included Accessories:** Table top stand

Multimedia Applications

- **Digital Content Management:** Digital Media Reader
- **Multimedia connections:** USB 2.0 memory class device
- **Playback Formats:** JPEG Still pictures, MP3, 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

- **Other connections:** Cable Card Interface, 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
- **AV 2:** Audio L/R in, CVBS, Y/C
- **AV 3:** S/PDIF digital coaxial, YPbPr, (1, 2, 3Fh autoranging)
- **AV 4:** HDMI
- **AV 5:** HDMI
- **Front / Side connections:** Audio left/right in, CVBS in, Headphone out, S-video in, USB 2.0

Power

- **Power consumption:** 160 W
- **Standby power consumption:** <2
- **Mains power:** AC 110-120V (+/-10%)
- **Ambient temperature:** +5 -/+ 40 C

Dimensions

- **Product dimension (WxDxH) inch:** 36.7 x 20.0 x 4.7"
- **Product weight in lbs:** 42.5
- **Weight incl. packaging in lbs:**



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UPC: 0 37849 96256 5

Specifications are subject to change without notice.
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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.

Digital Cable Ready

The CableCARD is a removable card distributed by the cable providers that is inserted in the TV. This enables the "Plug-and-Play DTV" functionality as agreed between cable operators and consumer electronics manufacturers. It allows the decoding of encrypted or scrambled content delivered from the cable system. CableCARD functionality includes conditional access and copy protection. A CableCARD-enabled television without a CableCARD inserted receives high-definition standard TV broadcasts. When a CableCARD is inserted, the television receives high-value high-definition, cable programming.

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.

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 Multimedia Connector

The USB connector allows access to multimedia jpg, mp3, mp3-pro and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files. This makes you easily viewing and sharing your photos and music.

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.

