Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Pixel Plus 3 HD, Ambilight 2 Channel, a Full HD Display with the latest LCD technology. The Digital Media Reader gives you full access to multimedia content.

Immersive viewing experience

• Full HD LCD display, with a 1920x1080p resolution
• Integrated Digital Tuner for DVB-T reception
• HD Ready for the highest quality display of HD signals
• Pixel Plus 3 HD for most sharp and clear pictures
• 2-channel active Ambilight enhances the viewing experience
• HD Natural Motion for ultra smooth motion in Full HD movies

True beauty lies in the details

• Matching design swivel stand included

Perfect picture quality from your digital photos

• USB Connector for easy, instant multimedia playing

For advanced performance

• 3 HDMI inputs for full digital HD connection in one cable

PHILIPS

sense and simplicity

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic screen contrast: 8000:1
- Response time (typical): 6 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 47 inch / 119 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Color processing: 4 trillion colors (14bit RGB)
- Picture enhancement: Pixel Plus 3 HD, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60Hz processing, 1080p 24/25/30Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus
- Screen enhancement: Anti-Reflection coated screen

Ambilight
- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, Full operation in stand-by, Efficient low energy lamp
- Ambilight light system: LED wide color
- Dimming Function: Manual and via Light Sensor

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

- Video formats

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

Sound
- Output power (RMS): 2x8W
- Sound Enhancement: Digital Signal Processing, Graphic Equaliser, Dynamic Bass Enhancement
- Sound System: Virtual Dolby Digital, BBE

Loudspeakers
- Built-in speakers: 4
- Loudspeaker types: Integrated woofers with wOOx, Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, 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
- Remote Control: TV
- Remote control type: RC4450
- Screen Format Adjustments: unscaled (1080p dot by dot), 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen
- Picture in Picture: Text dual screen
- 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

Multimedia Applications
- Multimedia connections: USB memory class device, USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures

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
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- HDMI features: Cable equalization, Category 1 and 2 cables, Compressed audio, Multirate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB
- Other connections: Analog audio Left/Right out, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: AC 220 - 240 V +/- 10%
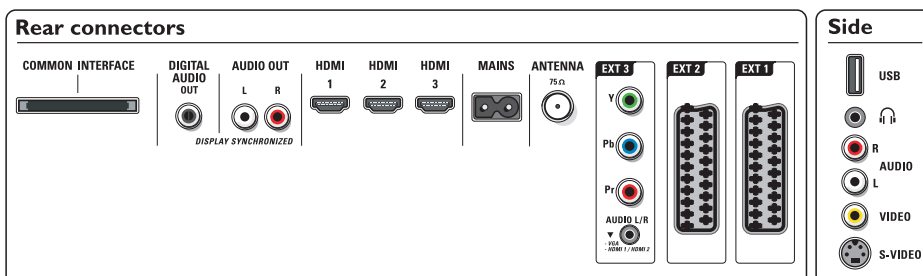- Power consumption: 293 W
- Standby power consumption: 0.8 W

Accessories
- Included Accessories: Tabletop swivel stand, RF antenna cable

Dimensions
- Color cabinet: Anthracite dark
- Set dimensions (W x H x D): 1170 x 736 x 125 mm
- Set dimensions with stand (H x D): 801 x 297 mm
- Product weight: 33.5 kg
- Product weight (+stand): 38.1 kg

- Box dimensions (W x H x D): 1274 x 943 x 331 mm
- Weight incl. Packaging: 50.3 kg
- VESA wall mount compatible: 600 x 400 mm

Rear connectors

COMMON INTERFACE | DIGITAL AUDIO OUT | AUDIO OUT L R | HDMI 1 | HDMI 2 | HDMI 3 | MAINS | ANTENNA 75Ω | EXT 3 (Y, Pb, Pr, AUDIO L/R) | EXT 2 | EXT 1

DISPLAY SYNCHRONIZED

Side
- USB
- R AUDIO L
- VIDEO
- S-VIDEO

Flat TV with Pixel Plus 3 HD and Ambilight 2 channel

47" LCD integrated digital

Product highlights

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.

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.

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.

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.

Ambilight 2 channel
Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.

Bypacked swivel stand
For maximum freedom of placement, this high-quality stand is designed specifically for this TV, and allows easy placement of your Flat TV without drilling holes in the wall. Enjoy the best viewing angle with the convenience of the 40 degrees of swivel (20 degrees each side). Invisible cable management is included in the back. This stand fits seamlessly on the matching accessory floorstand.

USB Multimedia Connector
The USB connector allows access to multimedia jpg, mp3 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.

*   DVB-T, supported in selected countries only
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