Philips Cineos
Flat TV with Perfect Pixel
HD Engine and Ambilight 2
channel

47"

LCD HD Ready

CINEOS

47PFL9532

Perfect Pixel HD ENGINE

ambilight 2 channel

Full HD 1080p

HD ready

100Hz CLEAR LCD

HD NATURAL MOTION

3x HDMI

USB

Turn up your viewing experience

with Perfect Pixel HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Perfect Pixel HD Engine, Ambilight 2 Channel, a Full HD Display and 100 Hz Clear LCD technology. The USB connector gives you full access to multimedia content.

Immersive viewing experience
• Full HD LCD display, with a 1920x1080p resolution
• HD Ready for the highest quality display of HD signals
• Perfect Pixel HD Engine for unrivalled sharpness and clarity
• 100Hz Clear LCD for superb motion sharpness (3ms)
• 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
- **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:** Perfect Pixel HD Engine, 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, 100Hz Clear LCD, Double frame rate
- **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
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	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:** 2
- **Loudspeaker types:** Front Speakers, 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
- **Remote Control:** TV
- **Remote control type:** RC4450
- **Screen Format Adjustments:** unscaled (1080p dot by dot), 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, 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
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures

Tuner/Reception/Transmission
- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** PAL I, PAL B/G, SECAM B/G, SECAM D/K
- **Video Playback:** NTSC, SECAM, PAL
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF

Connectivity
- **AV 1:** (1, 2, 3Fh autoranging), Audio L/R in, CVBS in, S-Video, YPbPr
- **AV 2:** Audio L/R in, CVBS
- **AV 3:** (1, 2, 3Fh autoranging), Audio L/R in, YPbPr
- **AV 4:** HDMI, Audio L/R in
- **AV 5:** HDMI
- **AV 6:** HDMI
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, USB
- **Other connections:** Analog audio Left/Right out, S/PDIF out (coaxial)

Power
- **Ambient temperature:** 5 °C to 35 °C
- **Mains power:** AC 200 - 240 V +/- 10%
- **Power consumption:** 275 W
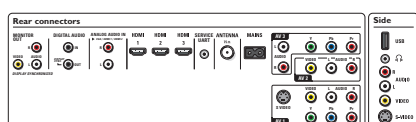- **Standby power consumption:** 0.8 W

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

Dimensions
- **Color cabinet:** High Gloss Black
- **Set dimensions (W x H x D):** 1157 x 752 x 117 mm
- **Set dimensions with stand (H x D):** 820 x 305 mm
- **Product weight:** 32 kg
- **Product weight (+stand):** 41 kg
- **Box dimensions (W x H x D):** 1324 x 941 x 331 mm
- **Weight incl. Packaging:** 49 kg
- **VESA wall mount compatible:** 600 x 400 mm

Flat TV with Perfect Pixel HD Engine and Ambilight 2 channel
47" LCD HD Ready

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.

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.

Perfect Pixel HD Engine
Perfect Pixel HD Engine 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 content are detected and reduced ensuring that the picture is clean and razor sharp.

100Hz Clear LCD
100Hz Clear 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 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.

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.

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!

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.