



Philips
flat HDTV

94 cm (37")
LCD
integrated digital

37PF9631D



Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight 2

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 2 HD, Ambilight 2 and latest LCD technology. Enjoy your multimedia content with the built in USB connector.

True beauty lies in the details

- Matching TV stand included

For advanced performance

- HDMI input for full digital HD connection in one cable

Immersive viewing experience

- HD LCD WXGA display, with a 1366 x 768p resolution
- Enjoy HDTV that's truer than anything you've seen before
- Pixel Plus 2 HD for great details, depth and clarity
- Dynamic contrast enhancer delivering rich black details
- 2-channel active Ambilight enhances the viewing experience

Perfect picture quality from your digital photos

- USB Connector for easy, instant multimedia playing

PHILIPS

flat HDTV
94 cm (37") LCD, integrated digital

Highlights

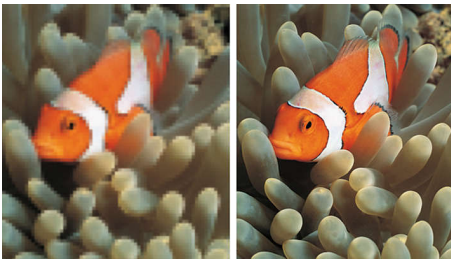
LCD WXGA display, 1366 x 768p

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.

HDTV

HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

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. Artifacts 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.

Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times*, and at the same time improves the viewing angle. It gives a bright, lifelike picture with high contrast and vibrant colors, (* factor between 2 and 5, screen type and picture content dependant).

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.

Matching TV stand

High quality TV stand that is designed specifically for the TV. Its seamless design compliments the overall look. Comes with the TV for greater value.

37PF9631D/37

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.

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.



Specifications

Picture/Display

- Aspect ratio: 16:9
- Response time (typical): 6 ms
- Diagonal screen size (inch): 37 inch
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus 2 HD, Digital Crystal Clear, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Widescreen Plus
- Brightness: 500 cd/m²
- Dynamic screen contrast: 6000:1
- Color cabinet: Black
- Display screen type: LCD WXGA Active Matrix TFT
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 720p, 60Hz, 1080i, 60Hz

Sound

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

Loudspeakers

- Built-in speakers: 2
- Loudspeaker types: Front Speakers

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Use: Auto Volume Leveller (AVL), Channel list, Delta Volume per preset, Graphical User Interface, On Screen Display, Side Control, Smart Picture, Smart Sound
- Remote Control: Amp, DVD, STB (Set-Top Box), VCR, Multi-functional
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Subtitle Zoom, Super Zoom, Widescreen

- Ease of Installation: Auto Program Naming, Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Remote control type: RC4348
- Teletext: Closed Captioning Full Text
- VESA Mount: Vesa compliant

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures
- Digital Content Management: Digital Media Reader

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Cable: Unscrambled Digital Cable QAM

Connectivity

- Other connections: HDMI
- Audio Output - Digital: Coaxial (cinch)
- AV 1: Audio L/R in, CVBS in, YPbPr
- AV 2: Audio L/R in, CVBS, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video Y/C
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB

Power

- Mains power: AC 110 - 120 V +/- 10%
- Power consumption: 175 W
- Standby power consumption: 0.45W
- Ambient temperature: 5 °C to 40 °C

Dimensions

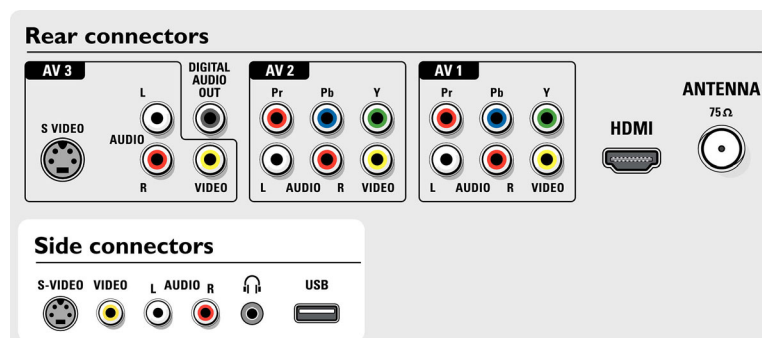
- Product weight (lb): 24 lb
- Box height (inch): 32.48 inch
- Box width (inch): 46.88 inch
- Box depth (inch): 12.99 inch
- Wall mount compatible: 800 x 400 mm
- Set Width (inch): 43.9 inch
- Set Height (inch): 24.3 inch
- Set Depth (inch): 4.1 inch
- Weight incl. Packaging (lb): 33

Accessories

- Included accessories: Table top stand, RF antenna cable

Ambilight

- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, Efficient low energy lamp
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 4 Active Adaptive modes



Issue date 2023-11-03

Version: 12.0.21

UPC: 6 09585 11379 4

© 2023 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com