

Philips
flat HDTV

107cm (42")

LCD
digital cable ready

42PF9731D



Turn up your viewing experience

with Pixel Plus 3 HD and Ambilight

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 3 HD, Ambilight Surround and Clear LCD technology. Enjoy your multimedia content with the built in USB connector and Memory Card reader

True beauty lies in the details

- Matching design swivel stand included

For advanced performance

- HDMI input for full digital HD connection in one cable

Perfect picture quality from your digital photos

- USB and Memory-Card slot for instantly playing multimedia

Immersive viewing experience

- HD LCD WXGA display, with a 1366 x 768p resolution
- Integrated HDTV and CableCARD for unrivalled picture quality
- Pixel Plus 3 HD for most sharp and clear pictures
- Clear LCD for extreme motion sharpness
- Ambilight Surround for an immersive viewing experience

PHILIPS

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 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.

Clear LCD

Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The high refresh rates of the scanning backlight technology increases the sharpness of motion reproduction to more than twice that of normal LCD (measured in Perceived Blur-Edge-Width; BEW). On top it creates a higher dynamic contrast and an increased viewing angle. The unique Philips technology brings motion sharpness of LCD displays to an unprecedented level, better than any other Flat display technology.

Ambilight Surround

With lights surrounding the picture Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colors and light intensity of the image on screen. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight 3 automatically and independently adapts the colors of each screenside according to the changing content on the screen. With the 3rd Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

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 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 memory-class device).

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
- Diagonal screen size (inch): 42 inch
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus 3 HD, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Comfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Widescreen Plus, Clear LCD
- Brightness: 550 cd/m²
- Dynamic screen contrast: 4500:1
- Color cabinet: High Gloss Black
- Display screen type: LCD WXGA Active Matrix TFT
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: 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): 2x15W
- Sound System: Virtual Dolby Digital
- Sound Enhancement: Digital Signal Processing, Graphic Equaliser, Dynamic Bass Enhancement

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 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: RC4403
- Teletext: Closed Captioning Full Text
- VESA Mount: Vesa compliant
- Picture in Picture: HDMI-Component PIP

Multimedia Applications

- Multimedia connections: USB, 7-in-1 Memory Card Reader
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures
- Digital Content Management: Digital Media Reader
- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card

Tuner/Reception/Transmission

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

Connectivity

- Other connections: S/PDIF in (coaxial), S/PDIF out (coaxial), Cable Card Interface
- AV 1: (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, CVBS in, RGB+H/V, YPbPr, Y/C
- AV 2: Audio L/R in, CVBS, Y/C
- AV 3: (1, 2, 3Fh autoranging), S/PDIF digital coaxial, YPbPr
- AV 4: HDMI
- AV 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, 2x USB, Multi-slot memory card reader

Power

- Mains power: AC 110 -240 V +/- 10%
- Power consumption: 263 W

- Standby power consumption: 0.6
- Ambient temperature: 5 °C to 40 °C

Dimensions

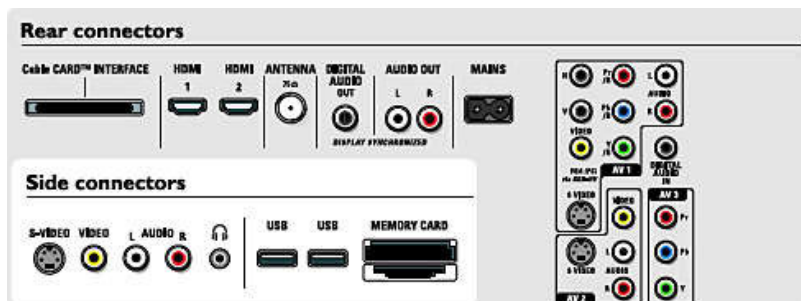
- Product weight (lb): 67.9 lb lb
- Box height (inch): 41.9 inch
- Box width (inch): 50.9 inch
- Box depth (inch): 12.7 inch
- Wall mount compatible: 800 x 400 mm
- Set Width (inch): 43.1 inch
- Set Height (inch): 31.3 inch
- Set Depth (inch): 4.5 inch
- Set depth (with stand) (inch): 11.4 inch
- Set height (with stand) (inch): 32.6 inch
- Weight incl. Packaging (lb): 116.9 lb

Accessories

- Included accessories: Tabletop swivel stand, RF antenna cable

Ambilight

- Ambilight Features: Ambilight Surround, 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: 5.0.14

UPC: 6 09585 11380 0

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