Turn up your viewing experience

with Perfect Pixel HD

Enjoy the ultimate viewing experience of this Philips Flat TV with Perfect Pixel HD Engine and Full HD 1080p display. Enjoy your multimedia content with the built in USB.

Immersive viewing experience
- Full HD LCD display, 1920x1080p
- Enjoy HDTV that's truer than anything you've seen before
- Perfect Pixel HD Engine for unrivalled sharpness and clarity

True beauty lies in the details
- Matching stand with elegant design 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

Highlights

Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. 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.

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.

Bypacked tabletop stand

A table-top stand with matching design is packed with the set.

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.

3 HDMI inputs

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. With 3 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

Perfect Pixel HD ENGINE   HD TV   3x HDMI   USB

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 500 cd/m²
- Contrast ratio (typical): 2000:1
- Dynamic screen contrast: 10000:1
- Response time (typical): 6 (BEW equiv.) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size (inch): 52 inch
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Perfect Pixel HD Engine, Digital Natural Motion, Dynamic contrast enhancement, 1080p 50/60Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Widescreen Plus
- Screen enhancement: Anti-Reflection coated screen

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

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 Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Channel list, Delta Volume per preset, Graphical User Interface, On Screen Display, Side Control, Smart Picture Control, Smart Sound Control
- Remote Control: TV
- Remote control type: RC4345
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Full screen, Movie expand 14:9, Movie expand 16:9, Super Zoom
- Teletext: Closed Captioning Full Text

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

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

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: Monitor out L/R (Cinch), S/PDIF in (coaxial), S/PDIF out (coaxial)

Power
- Ambient temperature: 5 °C to 35 °C
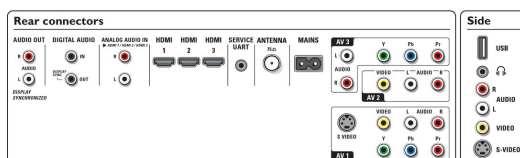- Mains power: AC 110 +/- 10%
- Power consumption: 310 W
- Standby power consumption: 0.67 W

Accessories
- Included Accessories: Table top stand

Dimensions
- Color cabinet: High Gloss Black
- Set dimensions in inch (W x H x D): 50.8 x 32.9 x 4.6 inch
- Set dimensions with stand in inch (H x D): 35.6 x 12.8 inch
- Product weight (lb): 87.1 lb
- Product weight (+stand) (lb): 108.2 lb
- Box dimensions in inch (W x H x D): 54.4 x 36.5 x 10.9 inch
- Weight incl. Packaging (lb): 125.0 lb
- VESA wall mount compatible: 600 x 400 mm

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