Philips
widescreen flat TV

37"
LCD HD Ready

37PF1600T





Turn up your viewing experience

Experience the superior picture quality of this excellent flat display with the latest LCD technology. It's packed into a stunning design that will complement your interior.

Better quality images that reveal more detail
- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Progressive Scan component video for optimized image quality
- 3D combfilter separates colors for a razor-sharp image

Crisp and Clear sound
- Lifelike stereo sound to enhance your listening experience

Stylish design
- Compact and slim design that fits in every room
- So slim you can easily mount it on a wall

Designed for your convenience
- Smart Picture and Smart Sound to personalize your viewing

For advanced performance
- HDMI input for full digital HD connection in one cable

PHILIPS
sense and simplicity

Widescreen flat TV
37" LCD HD Ready

37PF1600T/96

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1000:1
- Response time (typical): 8 (grey to grey) ms
- Viewing angle (H / V): 176 / 176 degree
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Digital Noise Reduction, Progressive Scan
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75Hz
720 x 400	70Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60, 70, 75Hz
1366 x 768	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	60Hz
1080i	60Hz

Sound
- Output power (RMS): 2 x 10 W
- Sound System: Mono, Stereo, BBE, SAP

Loudspeakers
- Built-in speakers: 2

Convenience
- Clock: Sleep Timer
- Ease of Use: Smart Picture Control, Smart Sound Control
- Remote Control: TV
- Screen Format Adjustments: 4:3, Full screen, Widescreen
- Picture in Picture: Mozaic, Picture in graphics
- VESA Mount: 400 x 200 mm

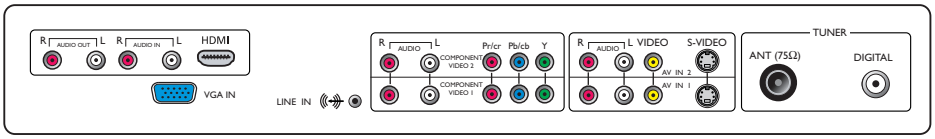
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: NTSC
- Video Playback: NTSC, PAL
- DVB: DVB Terrestrial *
- Tuner bands: UHF, VHF
- Number of Preset Channels: 125
- Tuner Display: PLL

Connectivity
- AV 1: Audio L/R in, CVBS in, S-Video
- AV 2: Audio L/R in, CVBS in, S-Video
- AV 3: Audio L/R in, YPbPr
- AV 4: Audio L/R in, YPbPr
- AV 5: HDMI, Audio L/R in
- Other connections: Analog audio Left/Right out, Antenna F-type, PC Audio in, PC-In VGA

Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 90 - 264 VAC, 47/63 Hz
- Power consumption: 280 W
- Standby power consumption: < 2 W

Dimensions
- Set dimensions with stand (W x H x D): 1141 x 687 x 285 mm
- Set dimensions with stand in inch (W x H x D): 44.92 x 27.05 x 11.22 inch
- Product weight (+stand): 28.5 kg
- Product weight (+stand) (lb): 62.78 lb

Accessories
- Included Accessories: Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control



Product 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.

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.

Progressive Scan
Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

3D Combfilter
The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

Compact and slim design
This design style emphasizes a slim, compact look that saves space and fits in anywhere.

Slim to mount on the wall
New technology has made the design of the TV so flat that you can hang it on the wall, just like a painting.

Smart Picture and Smart Sound
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

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.

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