



Philips
widescreen flat TV with
Pixel Plus

94 cm (37")

LCD
HD Ready

37PFL7312



Turn up your viewing experience

with Pixel Plus

Experience the superior picture quality of this excellent Flat TV with the latest LCD technology and Pixel Plus. It's packed into a stunning design that will complement your interior.

Breathtaking natural pictures

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Pixel Plus for detail, depth and clarity
- 3D combfilter separates colors for a razor-sharp image

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Designed for your convenience

- PC input lets you also use your TV as a PC monitor
- Auto Picture to personalize your viewing

For advanced performance

- HDMI input for full digital HD connection in one cable

PHILIPS

Highlights

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.

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

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.

Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Auto Picture

Auto Picture button on the remote control enables one-touch selection of various preset optimized image settings to suit different TV program.

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, Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 4000:1
- Response time (typical): 8 ms
- Viewing angle (H / V): 176 / 176 degree
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus, Luminance Transient Improver, Contrast Plus, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Temperature Adjustment, Digital Noise Reduction, Jagged Line Suppression, Progressive scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

Computer formats

| Resolution | Refresh rate |
|------------|------------------|
| 640 x 480 | 60, 67, 72, 75Hz |
| 800 x 600 | 56, 60, 72, 75Hz |
| 1024 x 768 | 60, 70, 75Hz |
| 1280 x 768 | 60Hz |

Video Formats

| Resolution | Refresh rate |
|--------------|--------------|
| 640 x 480i | 1Fh |
| 640 x 480p | 2Fh |
| 720 x 576i | 1Fh |
| 720 x 576p | 2Fh |
| 1280 x 720p | 3Fh |
| 1920 x 1080i | 2Fh |

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 15W RMS
- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Stereo, Virtual Dolby Surround, SAP

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake up Clock
- Ease of Installation: Autostore, Fine Tuning

- Ease of Use: 8 channel smart surf list, AutoPicture, AutoSound, Graphical User Interface, Program List, Side Control
- On-Screen Display languages: English, French, Portuguese, Spanish
- Remote Control: TV, Amp, DVD, Multi-functional
- Remote control type: RCFN05SPS00
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Picture in Picture: Picture in graphics

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: NTSC, PAL N, PAL M
- Video Playback: NTSC, PAL (all versions)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 125
- Tuner Display: PLL

Connectivity

- AV 1: Audio L/R in, CVI, YPbPr (2fh)
- AV 2: Audio L/R in, CVBS, S-Video
- Number of AV connections: 5
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in
- Other connections: HDMI, Monitor out L/R (Cinch), PC-in VGA + Audio L/R in, HD input via VGA

Power

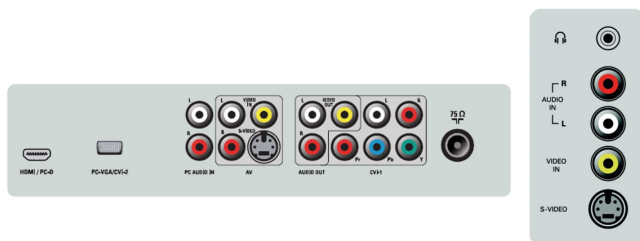
- Ambient temperature: 5 °C to 40 °C
- Mains power: 100-240V, 50-60Hz
- Power consumption: 180 W
- Standby power consumption: < 1W

Accessories

- Included accessories: Table top stand, VGA to YPbPr-Cinch cable, Power cord, Quick start guide, User Manual, Remote Control, Batteries for remote control

Dimensions

- Set dimensions (W x H x D): 1114 x 618 x 103 mm
- Set dimensions with stand (W x H x D): 1114 x 673 x 257 mm
- Product weight: 25.9 (with stand), 24 (without stand) kg



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* For a maximum picture quality without distortion it is necessary a high quality digital signal in widescreen format or to use a signal converter/decoder.
* Avoid extensive use of the set in a volume higher than 85 decibel because this may damage your hearing.