



Philips
widescreen flat TV with
Digital Crystal Clear

32"

LCD HD Ready

32PFL5312



Turn up your viewing experience with Digital Crystal Clear

Here is a wonderful new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Digital Crystal Clear for natural, vivid images and Virtual Dolby Surround for superb audio.

Vivid, natural and razor sharp images

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD ready for the highest quality display of HDTV signals
- Digital Crystal Clear provides vivid cinema-like images
- 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
sense and simplicity

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:** 32 inch / 80 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Panel resolution:** 1366 x 768p
- **Picture enhancement:** Digital Crystal Clear, 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 15 W 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:** 120 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):** 935 x 516 x 120 mm
- **Set dimensions with stand (W x H x D):** 935 x 553 x 222 mm
- **Product weight:** 19.1 (with stand); 18.1 (without stand) kg
- **Box dimensions (W x H x D):** 1012 x 698 x 240 mm
- **Weight incl. Packaging:** 22.5 kg
- **VESA wall mount compatible:** 200 x 100 mm

Product highlights

HD Ready

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HD-DVD. 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 TV 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.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

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

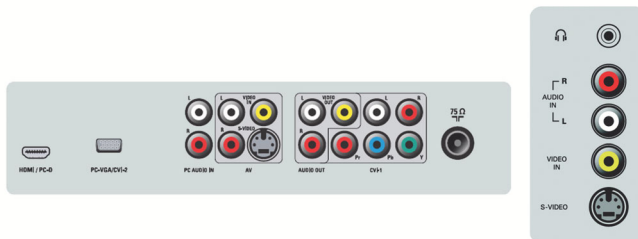
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

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.



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