Philips
widescreen flat TV with
Crystal Clear

32"
LCD
HD Ready

32TA1600

Turn up your viewing experience

with Crystal Clear

Tuned for picture-perfect quality, the Philips 32TA1600 HDTV delivers superb display and increased picture depth plus virtual surround sound, compact design, smart audio/ video presets, 10 pages of teletext and even doubles as a PC monitor.

Tuned for optimal picture quality
- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Crystal Clear improves picture depth
- Progressive Scan component video for optimized image quality

Crisp and Clear sound
- Virtual Surround Sound for enhanced sound

Stylish design
- Compact and slim design that fits in every room

Designed for your convenience
- Smart Picture and Smart Sound to personalize your viewing
- 10 pages Smart Text for fast access to teletext.

For advanced performance
- DVI-D provides the best digital picture

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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.

Crystal Clear

Combining picture enhancements like Contrast plus and color improvement, Crystal Clear improves picture depth.

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.

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.

10 page Smart Text

The teletext is a common system transmitted by most broadcasters. The 10 page smart text feature gives you fast access to information when changing pages.

DVI-D input

A DVI-D input makes an uncompressed digital RGB connection from source to screen. By eliminating the conversion of the digital signal to analog, it delivers an unblemished image. Thanks to the non-degraded signal, you get less flicker and a clearer picture. The DVI input is fully backward compatible with HDMI sources, and also uses HDCP copy protection.

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1000:1
- Response time (typical): 8 ms
- Viewing angle (H / V): 170 / 170 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, Blue stretch, Black stretch, White stretch, Green enhancement, Progressive Scan, Smart Picture, Automatic skin tone correction
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	56, 60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 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 10W
- Sound Enhancement: Virtual Surround Sound
- Sound System: Mono, Stereo

Loudspeakers
- Built-in speakers: 2

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound
- Picture in Picture: Picture in graphics
- Remote Control: TV
- Remote control type: RC19335016
- Screen Format Adjustments: 4:3, Subtitle Zoom, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Teletext: 10 page Smart Text
- VESA Mount: 200 x 100 mm (in rear center)

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM D/K
- Tuner bands: Hyperband, S-Channel, UHF, VHF

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, CVBS in, YPbPr
- AV 4: Audio L/R in, YPbPr
- AV 5: Audio L/R in, DVI-D with HDCP
- Other connections: Analog audio Left/Right out, Composite video (CVBS) out, Headphone out, PC Audio in, PC-In VGA
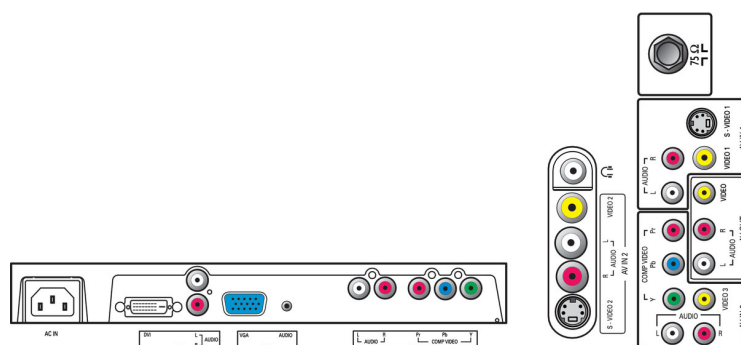
Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 90-264 VAC, 50/60 Hz
- Power consumption: < 130 W
- Standby power consumption: < 2 W

Dimensions
- Set dimensions with stand (W x H x D): 925 x 548 x 238 mm
- Set dimensions with stand in inch (W x H x D): 36.4 x 21.6 x 9.4 inch
- Product weight (+stand): 18.5 kg
- Product weight (+stand) (lb): 40.7 lb

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

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