



Philips  
widescreen flat TV with  
Crystal Clear

**81 cm (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

**PHILIPS**  
sense and simplicity

Widescreen flat TV with Crystal Clear  
81 cm (32") LCD HD Ready

32TA1600/98

## 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/m<sup>2</sup>
- 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

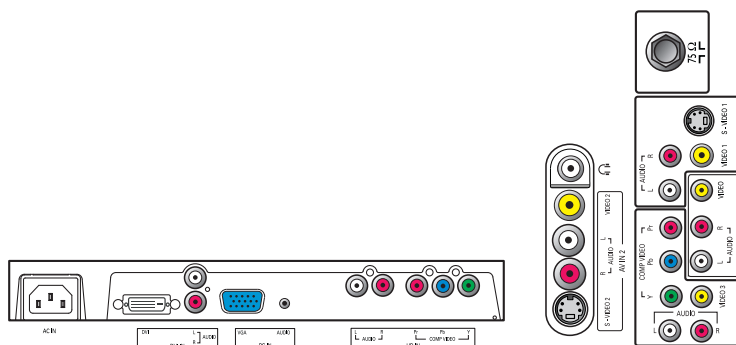
- Ambient temperature: 5 °C to 40 °C
- Mains power: 90-264 VAC, 50/60 Hz
- Power consumption: < 130 W
- Standby power consumption: < 2 W

## 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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