



Philips  
Flat TV with Crystal Clear

20"

LCD Progressive Scan

20TA1600



## Turn up your viewing experience with Crystal Clear

Tuned for picture-perfect quality, the compact, enhanced definition Philips 20TA1600 delivers great display and increased picture depth plus virtual surround sound, smart audio/video presets, teletext and even doubles as a PC monitor.

### Tuned for optimal picture quality

- Enhanced-definition LCD VGA display, 640 x 480p
- 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
- So slim you can easily mount it on a wall

### Designed for your convenience

- PC input lets you also use your TV as a PC monitor
- Smart Picture and Smart Sound to personalize your viewing
- 10 pages Smart Text for fast access to teletext.

**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** 4:3
- **Brightness:** 450 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 500:1
- **Response time (typical):** 12 ms
- **Viewing angle (h / v):** 170 / 170 degree
- **Display screen type:** LCD VGA Active Matrix TFT
- **Panel resolution:** 640 x 480p
- **Picture enhancement:** 3/2 - 2/2 motion pull down, 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
- **Video formats**

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

### Sound

- **Output power (RMS):** 2 x 3 W
- **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 Control, Smart Sound Control
- **Remote Control:** TV
- **Remote control type:** RC19335016
- **Screen Format Adjustments:** 16:9 compress, 4:3, 4:3 expand
- **Teletext:** 10 page Smart Text
- **VESA Mount:** 100 x 100 mm (in base)

### 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 I:** Audio L/R in, YPbPr
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in
- **Other connections:** PC Audio in, PC-In VGA

### Power

- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** 90-264 VAC, 50/60 Hz
- **Power consumption:** < 55 W
- **Standby power consumption:** < 1 W

### Dimensions

- **Set dimensions with stand (W x H x D):** 590 x 448.5 x 236 mm
- **Set dimensions with stand in inch (W x H x D):** 23.2 x 17.7 x 9.3 inch
- **Product weight (+stand):** 8.3 kg
- **Product weight (+stand) (lb):** 18.3 lb

### Accessories

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

## Product highlights

### LCD VGA display, 640 x 480p

This VGA display with state-of-the-art LCD screen technology has an enhanced resolution of 640 x 480p.

### 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.

### Virtual surround sound

Virtual surround sound creates additional audio channels for a theater-like audio experience.

### 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.

### PC input

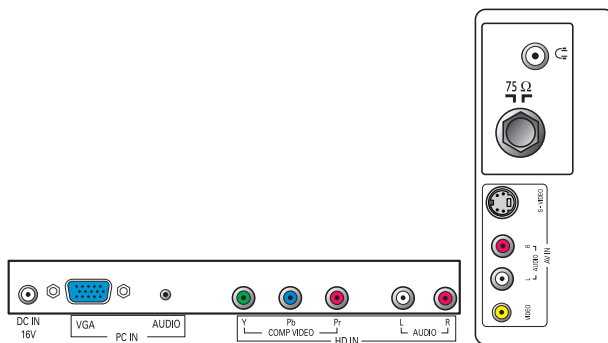
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

### 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.



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