

Philips  
Widescreen flat TV with  
Crystal Clear III

32"

LCD HD ready

32PF3320



## Turn up your viewing experience with Crystal Clear III

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

### Better quality images that reveal more detail

- High definition LCD WXGA display, resolution 1366 x 768p
- HD ready for the highest quality display of HDTV signals
- Crystal Clear III gives natural images with enhanced quality
- Progressive Scan for razor sharp and flicker free images

### Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

### Stylish design

- Compact and slim design that fits in every room

### Multi-purpose convenience

- View PC content in a second window on your TV
- PC input lets you also use your TV as a PC monitor

### Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity



# PHILIPS

## Technical specifications

### Picture / Display

- **Aspect ratio:** 16:9, Widescreen
- **Brightness:** 500 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 800:1
- **Diagonal screen size:** 32 inch / 80 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Picture enhancement:** Progressive scan, 3/2 - 2/2 motion pull down, Digital noise reduction, Jagged line suppression, Contrast plus, Crystal Clear III, 2D combfilter
- **Screen enhancement:** Anti reflection coated screen
- **Viewing Angle (H / V):** 176 / 176 degree
- **Panel resolution:** 1366 x 768p
- **Response time (typical):** 16 ms

### 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
- **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

- **Sound enhancement:** Dynamic bass enhancement
- **Sound system:** Virtual dolby surround, Stereo
- **Output power (RMS):** 2 x 15 W RMS
- **Equaliser:** 5-bands

### Convenience

- **Ease of installation:** Auto programme naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Auto store, Fine tuning, Plug & Play, Program name, Sorting

- **Ease of Use:** Auto volume leveller (AVL), Graphical user interface, Program list, Smart picture control, Smart sound control
- **Remote control type:** RCFE05SPS00
- **Teletext:** 10 page Smart Text
- **Teletext enhancements:** Program information line
- **Picture in Picture:** Picture in graphics, Twin page text
- **Remote control:** Amp, DVD, TV, Multi functional
- **Screen format adjustments:** 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- **Clock:** Sleep timer
- **VESA Mount:** 200 x 100 mm

- **Dimensions (with base) (W x H x D):** 924 x 550 x 222 mm
- **Colour cabinet:** Indigo Grey
- **Box dimensions (W x H x D):** 1000 x 690 x 240 mm
- **Set dimensions (W x H x D):** 924 x 511 x 118 mm

### Accessories

- **Included accessories:** Power cord, Quick start guide, Registration card, Remote control, User manual, Batteries for remote control, Table top stand, DVI-I to YPbPr cable

### Loudspeakers

- **Built-in speakers:** 2

### Tuner / Reception / Transmission

- **Tuner bands:** Hyper band, S channel, UHF, VHF
- **TV system:** PAL, SECAM
- **Video playback:** NTSC, PAL, SECAM
- **Aerial input:** 75 ohm coaxial (IEC75)
- **Tuner display:** PLL
- **Number of preset channels:** 100

### Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** CVBS in/out, S video in, Audio L/R
- **Other connections:** Antenna IEC75
- **Front / Side connections:** CVBS in, Headphone out, S-Video in, Audio L/R in
- **AV 3:** DVI-I with HDCP, Audio-in mini jack 3.5mm
- **Number of scarts:** 2

### Power

- **Power consumption:** 120 W Normal Operation W
- **Standby power consumption:** 1 W <
- **Ambient temperature:** +5 -/+ 40 C

### Dimensions

- **Product weight:** 18.2 kg
- **Weight incl. packaging:** 22 kg

Source system					Transmission system					
SEC DM	SECAM DM	SEC DM	SECAM T	SECAM LL	PAL BB	PAL DVB	PLL I	SECAM BB	SECAM DM	SECAM LL
*	*	*	*	*	*	*	*	*	*	*



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Specifications are subject to change without notice.  
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### Product 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 colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

#### 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 HDVD. 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 analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

#### Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colours.

#### Progressive scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending with 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, the human eye perceives a sharper picture with no line structure.

#### 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 for additional rear speakers. You become totally immersed in your television experience.

#### Compact and slim design

This design style emphasises a slim, compact look that saves space and fits in anywhere.

#### Picture in graphics

Picture-in-Graphics is a small window in the main picture, allowing you to watch data/graphics as well as TV programmes in your main TV screen.

#### PC input

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

#### DVI-I input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image, that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Settop boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.

