



Philips
Flat TV with Crystal Clear
III

58 cm (23")
LCD HD Ready

23PF5320



Turn up your viewing experience with Crystal Clear III

Here is a new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for better quality images that reveal more detail and Incredible Surround for superb audio.

Vivid, natural and razor sharp images

- HD LCD WXGA display, with a 1366 x 768p resolution
- HDTV Monitor for the highest quality display of HDTV signals
- Crystal Clear III for natural images with enhanced quality
- 3D combfilter separates colors for a razor-sharp image

Exciting and lifelike sound

- Incredible Surround™ for enhanced audio enjoyment

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Multi-purpose convenience

- PC input lets you also use your TV as a PC monitor
- Smart Picture provides personalized image settings

Leading interface for digital quality audio/video

- DVI-D provides the best digital picture

PHILIPS
sense and simplicity

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.

HDTV Monitor

HDTV is the latest and best television signal available. It produces picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity

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 colors.

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.

Incredible Surround™

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to

experience total surround with greater depth and width of sound, without the use of additional speakers.

PC input

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

Smart Picture

Smart Picture provides the optimum picture settings for color, brightness, saturation, contrast, sharpness, and so on, to enhance your overall viewing experience at all times.

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: Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 450:1
- Diagonal screen size: 23 inch / 58 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Crystal Clear III, Progressive scan, Sharpness Adjustment, 3D Combfilter
- Screen enhancement: Anti-Reflection coated screen
- Panel resolution: 1366 x 768p
- Response time (typical): 16 ms
- Viewing angle (H / V): 140 / 125 degree

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1024 x 768	60Hz
1280 x 768	60Hz
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 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

- Output power (RMS): 2 x 5W
- Sound System: Nicam Stereo, Mono
- Sound Enhancement: Incredible Surround

Convenience

- Ease of Installation: Automatic Tuning System (ATS), Autostore, Fine Tuning
- Ease of Use: Smart Picture, Smart Sound, Top

- Controls, Auto Volume Leveller (AVL), Menu Control, On Screen Display
- Teletext: 10 page Smart Text
- Clock: Sleep Timer
- VESA Mount: 100 x 100 mm
- Child Protection: Child Lock+Parental Control
- Screen Format Adjustments: 4:3, Widescreen, Super Zoom, Subtitle Zoom, Movie expand 14:9, Movie expand 16:9

Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Video Playback: NTSC, PAL, SECAM
- TV system: PAL D/K, PAL B/G, PAL I, PAL, SECAM, SECAM B/G, SECAM D/K

Connectivity

- AV 1: YPbPr (2fh), Audio L/R in
- AV 2: Audio L/R in, Component Video in
- AV 3: CVBS in, S-Video Y/C, Audio L/R in
- Other connections: PC-In VGA, DVI-D, PC Audio in, Composite video (CVBS) out, Analog audio Left/Right out, Antenna IEC75

Power

- Power consumption: 85 W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C
- Power supply: AC 90-240

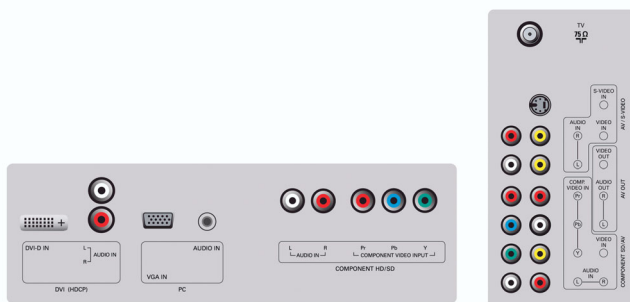
Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, Remote Control, User Manual

Dimensions

- Product weight: 10.5 kg
- Dimensions (with base) (W x H x D): 615 x 473 x 234 mm
- Set dimensions (W x H x D): 615 x 436 x 114 mm

stereo system			transmission system			
NICAM	NICAM	NICAM	PAL	PAL	SECAM	SECAM
BG	DK	I	BG	I	BG	DK
o	o	o	o	o	o	o



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