



Philips
flat HDTV with Crystal
Clear III

58 cm (23")
LCD
HDTV monitor

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

Designed for your convenience

- PC input lets you also use your TV as a PC monitor
- Auto Picture to personalize your viewing
- Auto Sound uses pre-defined sound settings for better sound

PHILIPS

flat HDTV
58 cm (23") LCD, HDTV monitor

23PF5320/28

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.

Compact and slim design

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

PC input

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

Auto Picture

Auto Picture button on the remote control enables one-touch selection of various preset optimized image settings to suit different TV program.

Auto Sound

Auto Sound provides pre-defined sound settings for ultra bass, bass, treble and balance for the optimum entertainment experience.

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
- Viewing angle (H / V): 140 / 125 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 | 60Hz |
| 1280 x 768 | 60Hz |
- **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 System: Mono, Stereo, SAP
- Output power (RMS): 2 x 5W
- Sound Enhancement: Incredible Surround

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of Installation: Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning
- Ease of Use: AutoPicture, AutoSound, Menu Control, On Screen Display, Top Controls, Auto

Volume Leveller (AVL)

- Remote control type: RCFU05SMU00
- Remote Control: TV
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Clock: Sleep Timer
- VESA Mount: 100 x 100 mm
- Child Protection: Child Lock+Parental Control

Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, PAL N, PAL M
- Video Playback: NTSC, PAL
- Tuner Display: PLL

Connectivity

- Other connections: F-Type (75 ohm), PC Audio in, PC-In VGA, DVI-D, Analog audio Left/Right out, Composite video (CVBS) out
- AV 1: Audio L/R in, YPbPr (2fh)
- AV 2: Audio L/R in, Component Video in
- AV 3: Audio L/R in, CVBS in, S-Video Y/C
- Number of AV connections: 3

Power

- Standby power consumption: < 1W (for 110V supply only)
- Ambient temperature: 5 °C to 40 °C
- Power supply: AC 90-240
- Power consumption: 85 W

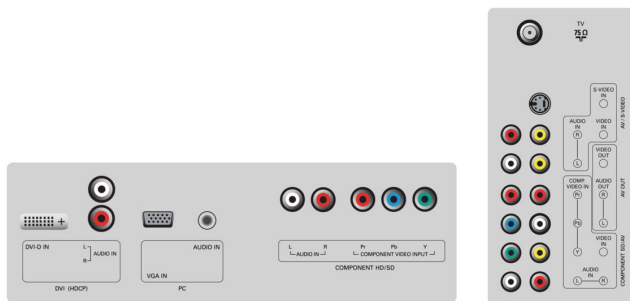
Accessories

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

Dimensions

- Set dimensions (W x H x D): 615 x 436 x 114 mm
- Weight incl. Packaging: 13 kg
- Product weight (lb): 23.1 lb
- Box dimensions (W x H x D): 672 x 308 x 550 mm
- Dimensions (with base) (W x H x D):

| stereo system | transmission system | | |
|---------------|---------------------|-----|------|
| BTSC | PAL | PAL | NTSC |
| DBX | M | N | M |
| o | o | o | o |



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* Avoid extensive use of the set in a volume higher than 85 decibel because this may damage your hearing.