



Philips
commercial flat TV

23"

LCD HDTV monitor

23FW5220



Superior widescreen picture in a stylish design

This stylish LCD monitor featuring Pixel Plus™ technology, has a breathtaking picture and outstanding theatre-like sound. The newly designed Xpress IO ports provide fully integrated pay-per-view and serial control for a seamless solution.

Advanced commercial features

- Volume limitation
- Wireless SmartLoader for fast cloning

Interactive features

- Serial Xpress™ Control interface
- SmartPlug Xpress™ interface

Breathtaking natural pictures

- High-definition LCD WXGA display, 1280 x 768p
- Pixel Plus for detail, depth and clarity
- Active Control Digital reduces MPEG motion defects

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Multi-purpose convenience

- HDTV Monitor for the highest quality display of HDTV signals

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 450 cd/m²
- **Contrast ratio (typical):** 400:1
- **Diagonal screen size:** 23 inch / 58 cm
- **Display screen type:** LCD WXGA Active Matrix TFT
- **Picture enhancement:** Digital Crystal Clear, Contrast Plus, Progressive Scan, 2D Combfilter, 3/2 - 2/2 motion pull down, Color Transient Improvement, Color Temperature Adjustment, Digital Noise Reduction, Dynamic Contrast, Jagged Line Suppression, LTI, Luminance Transient Improver, Motion adaptive de-interlacing, Sharpness Adjustment
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing angle (h / v):** 176 / 176 degree
- **Panel resolution:** 1280 x 768p
- **Response time (typical):** 16 ms

Supported Display Resolution

Computer formats	Resolution	Refresh rate
	640 x 480	60, 72, 75, 85Hz
	800 x 600	56, 60, 72, 75, 85Hz
	1024 x 768	60Hz
	1280 x 768	60Hz

Sound

- **Sound System:** Mono, Stereo, Virtual Dolby Surround
- **Music Power:** 20 W
- **Output power (RMS):** 2 x 5W

Convenience

- **Ease of Installation:** Fine Tuning, PLL Digital

- **Tuning, Program Name**
- **Ease of Use:** FM Radio, Menu Control, On Screen Display, Program List, Smart Picture Control, Smart Sound Control
- **Screen Format Adjustments:** Full screen, Subtitle and Heading Shift, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- **Clock:** Sleep Timer
- **VESA Mount:** 100 x 100 mm
- **Remote Control:** TV

Tuner/Reception/Transmission

- **TV system:** NTSC
- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **Video Playback:** SECAM, PAL, NTSC

Power

- **Mains power:** AC 90V - 240V 50/60 Hz

Dimensions

- **Product weight:** 11.2 kg

Accessories

- **Included Accessories:** Power cord, RF antenna cable, User Manual, Table top stand

Loudspeakers

- **Built-in speakers:** 2

Connectivity

- **AV I:** Audio L/R in, CVBS in, YPbPr
- **Connectivity Enhancements:** RJ12 connector, RJ45 connector
- **Other connections:** FM Antenna, D-Sub in (PC)

Product highlights

Volume limitation

This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

Wireless SmartLoader

Provides the ability to copy easy and wireless all programming settings from one TV set into other TV sets in less than a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

Serial Xpress™ Control

The Serial Xpress™ Control interface is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions. Support UART and RS232 protocols.

SmartPlug Xpress™

The SmartPlug Xpress™ communication port (RJ-12) is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions.

LCD WXGA display, 1280 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you HD resolution of 1280 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.

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

Active Control Digital

Apart from noise and sharpness improvements at the rate of 60 times per second, and making picture adjustments at over 3,000 times per minute, Active Control Digital continuously monitors any motion defects inherent in digital content and reduces them. This ensures that the digital viewing experience is continuously monitored and optimized for maximum viewing enjoyment.

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 of additional rear speakers. You become totally immersed in your television 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.

PC input

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

