



Philips  
LCD monitor

48 cm (19")  
SXGA

190X7FB

## Design and performance count!

The ultimate display for your lifestyle! Ready to rock your world with stunning performance, the hot Philips 190X7 combines SmartImage Lite for the multimedia adventure with cool, innovative cutting-edge design flair.

### Outstanding front of screen performance

- Empowered for Windows Vista
- SmartImage Lite for an enhanced LCD viewing experience
- Optimize response time for different viewing requirements
- SmartContrast: For incredible rich black details
- Fast response time up to 2ms
- ISO 13406-2 Class I compliant dot-defect-free display
- DVI-D input and HDCP support

### Design that complements any interior

- Stylish SmartTouch controls
- Innovative, cutting-edge design makes a lifestyle statement!

### Great convenience

- USB port for convenient peripheral connections
- Enjoy multimedia experience with built-in speakers
- Embedded power supply eliminates external power adaptors

**PHILIPS**

# Highlights

## Windows Vista ready

Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

## SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

## SmartResponse

SmartResponse is exclusive Philips technology that adjusts response time to application requirements, delivering faster response times for gaming and videos or better color saturation for viewing photos and static images.

## SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned

for just-right display of everyday office applications and lower power consumption.

## 2ms GtG response time

SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies which require faster response times in order to produce judder, time-lag and ghost image free images

## PerfectPanel™

Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.

## HDCP ready

High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

## SmartTouch controls

SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch,

SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

## Innovative cutting-edge design

An exclusive design concept that combines smooth, flowing lines reminiscent fine modern sculpture with ultra modern materials and techno touches to create a monitor that makes a lifestyle statement.

## USB 2.0 port

USB port allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which has USB connection available. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass thru to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB port can provide

## Built-in speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

## Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.



# Specifications

## Picture/Display

- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19"/ 48 cm
- Effective viewing area: 376.3 x 301.1 mm
- Pixel pitch: 0.294 x 0.294 mm
- Brightness (nits): 300 nit
- Contrast ratio (typical): 800:1
- SmartContrast ratio (dynamic): 3500:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): Grey to Grey 2 ms
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Picture enhancement: SmartImage Lite
- sRGB

## Connectivity

- Audio output: Stereo Audio (3.5 mm jack) 1x
- Signal Input: VGA (Analog), DVI-D, PC Audio in
- USB: USB 2.0 x 1
- Sync Input: Composite Sync, Separate Sync, Sync on Green

## Convenience

- Built-in Audio: 3 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartControl, Stand-alone audio
- Monitor Controls: Auto, Brightness Control (Up/Down), Menu (OK), Power On/Off, SmartImage Lite, Volume control (Left/Right)
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory approvals: CE Mark, EMC, Energy Star, FCC Class B, SEMKO, MPRII, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 25°

## Accessories

- Included accessories: AC Power Cord, Audio Cable, DVI-D cable, USB cable, VGA cable
- User Manual

## Dimensions

- Box dimensions (W x H x D): 477 x 150 x 498 mm
- Box dimensions in inch (W x H x D): 18.8 x 5.9 x 19.6 inch
- Set dimensions with stand (W x H x D): 444 x 436 x 181 mm
- Set dimensions with stand in inch (W x H x D): 17.5 x 17.2 x 7.1 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 7.2 kg
- Product weight (+stand) (lb): 15.9 lb
- Weight incl. Packaging: 8.5 kg
- Weight incl. Packaging (lb): 18.7

## Power

- Complies with: Energy Star
- Consumption (On mode): 36 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz



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