



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 a 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
- Optimise response time for different viewing requirements
- SmartContrast: For incredible rich black details
- Fast response time up to 2 ms
- 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 adapters

# 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 organising information for work or play quick, efficient and easy.

## SmartImage Lite

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

## SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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 films, 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 an LCD panel. While some manufacturers still consider bright and dark defects in an 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 unauthorised 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 of fine modern sculpture with ultra modern materials and techno touches to create a monitor that makes a lifestyle statement.

## USB 2.0 port

The USB port allows the 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 that use USB connection. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass through 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. They may 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 adapter built into the body of a display device that replaces a bulky external power adapter.



# Specifications

## Picture/Display

- LCD panel type: 1280 x 1024 pixels, Anti-glare polariser, 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 colours: 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) 1 x
- Signal Input: VGA (Analogue), 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 and 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, Standby/sleep - Amber
- Power supply: Built-in, 100-240 VAC, 50/60 Hz



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