



Philips  
LCD monitor

19"  
SXGA

190V7FB



## Value for your money

The compact 190V7 pumps up productivity with big screen performance, VGA or DVI signal input option, and great convenience while business-friendly features like lower power consumption deliver the best total cost of ownership.

### Best total cost of ownership solution

- Empowered for Windows Vista
- Power consumption below the industry average
- TCO'03 guarantees the highest safety and ergonomic standards
- Environmentally responsible Energy Star partner

### Outstanding front of screen performance

- SXGA 1280 x 1024 resolution for sharper display
- sRGB ensures color matching between display and printouts

### Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Embedded power supply eliminates external power adaptors
- Auto adjustment for perfect picture display with one touch

**PHILIPS**  
sense and simplicity

## 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:** 300 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 600:1
- **Display colors:** 16.2 M
- **Viewing angle:** 160° (H) / 160° (V), @ C/R > 5
- **Response time (typical):** 8 ms
- **White Chromaticity, 6500K:** x = 0.313 / y = 0.329
- **White Chromaticity, 9300K:** x = 0.283 / y = 0.297
- **Maximum Resolution:** 1280 x 1024 @ 75 Hz (digital input)
- **Recommended Resolution:** 1280 x 1024 @ 60 Hz (digital input)
- **Video Dot Rate:** 140 MHz
- **Horizontal Scanning Frequency:** 30 - 83 kHz
- **Vertical Scanning Frequency:** 56 - 76 Hz
- sRGB

### Connectivity

- **Signal Input:** Analog (VGA), DVI-D
- **Video Sync Input Signal:** Composite Sync, Separate Sync, Sync on Green
- **Video input impedance:** 75 ohm
- **Sync input impedance:** 2.2k ohm
- **Video input signal levels:** 0.7 Vpp

### Convenience

- **Convenience Enhancements:** On-screen Display
- **Monitor Controls:** Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Power On/Off
- **OSD Languages:** English, French, German, Italian, Simplified Chinese, Spanish
- **Other convenience:** Kensington lock compatible
- **Plug & Play Compatibility:** DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- **Regulatory Approvals:** CCC, CE Mark, EMC,

Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo

- **Tilt:** -5° to 20°
- **VESA Mount:** 100 x 100 mm

### Accessories

- **Included Accessories:** AC Power Cord, VGA cable
- **Optional accessories:** Super Ergo Base
- User Manual

### Dimensions

- **Box dimensions (W x H x D):** 490 x 174 x 451 mm
- **Box dimensions in inch (W x H x D):** 19.3 x 6.9 x 17.8 inch
- **Set dimensions (W x H x D):** 424 x 361 x 65.1 mm
- **Set dimensions in inch (W x H x D):** 16.7 x 14.2 x 2.6 inch
- **Set dimensions with stand (W x H x D):** 424 x 418 x 211 mm
- **Set dimensions with stand in inch (W x H x D):** 16.7 x 16.5 x 8.3 inch
- **MTBF:** 50,000 hrs
- **Relative Humidity:** 20% - 80%
- **Temperature range (operation):** 5°C to 40°C
- **Temperature range (storage):** -20°C to 60°C
- **Product weight (+stand):** 4.6 kg
- **Product weight (+stand) (lb):** 10.1 lb
- **Weight incl. Packaging:** 6.6 kg
- **Weight incl. Packaging (lb):** 14.6

### Power

- **Complies with:** Energy Star
- **Consumption:** 34 W (Typical)
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - green, Stand by/sleep - Amber
- **Power supply:** Built-in, 100-240VAC, 50/60Hz

## Product 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.

### Lower power consumption

Reduction of the electrical power required to operate a device.

### TCO '03 compliance

A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).

### Energy Star partner

A manufacturer in compliance with power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

### SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

### sRGB ready

sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

### Dual input

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

### 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.

### One-touch auto adjustment

The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.



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