



Philips  
LCD widescreen monitor

**19" wide**  
WSXGA+

**190EW8FB1**



# Best value for money widescreen LCD monitor

Enjoy more in an easy-to-use, affordable package with this big wide, high resolution 1680x1050 display! Run multiple programs simultaneously while experiencing the Philips 190EW8-PLUS's fast response time and one-touch auto adjustment.

### Outstanding front of screen performance

- Big, wide screen: IM, write mail, watch videos on one screen
- 5ms fast response time
- WSXGA+, wide format 1680x1050 resolution for sharper display
- sRGB ensures color matching between display and printouts

### Great convenience

- Empowered for Windows Vista
- One-touch brightness and contrast controls
- Embedded power supply eliminates external power adaptors
- Auto adjustment for perfect picture display with one touch

### Green design

- For your safety: Aerospace composite fire retardant case
- Lead-free design safeguards our environment
- Power consumption below the industry average

**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- **LCD panel type:** 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- **Panel Size:** 18.95"/ 48.1 cm
- **Effective viewing area:** 408.2 x 255.2 mm
- **Pixel pitch:** 0.243 x 0.243 mm
- **Brightness:** 300 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 1000:1
- **Display colors:** 16.7 M
- **Viewing angle:** 170° (H) / 160° (V), @ C/R > 10
- **Response time (typical):** 5 ms
- **Recommended Resolution:** 1680 x 1050 @ 60 Hz
- **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

### Convenience

- **Convenience Enhancements:** On-screen Display
- **Monitor Controls:** Auto, Brightness (Left), Contrast (Right), Menu (OK), Power On/Off, Source Select
- **OSD Languages:** English, French, German, Spanish, Simplified Chinese, Traditional Chinese
- **Other convenience:** Kensington lock compatible
- **Plug & Play Compatibility:** DDC/CI, Windows 98/ME/2000/XP/Vista
- **Regulatory Approvals:** CCC, TCO '03
- **Tilt:** -5° to 20°

### Accessories

- **Included Accessories:** AC Power Cord, VGA cable
- User Manual

### Dimensions

- **Box dimensions (W x H x D):** 538 x 457 x 159 mm
- **Box dimensions in inch (W x H x D):** 21.2 x 18.0 x 6.3 inch
- **Set dimensions (W x H x D):** 450.3 x 319 x 64.25 mm
- **Set dimensions in inch (W x H x D):** 17.7 x 12.6 x 2.5 inch
- **Set dimensions with stand (W x H x D):** 450.3 x 387.5 x 167.7 mm
- **Set dimensions with stand in inch (W x H x D):** 17.7 x 15.3 x 6.6 inch
- **MTBF:** 50,000 (excl. CCFL 40,000) hrs
- **Relative humidity:** 20% - 80%
- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -20°C to 60°C
- **Product weight (+stand):** 4.64 kg
- **Product weight (+stand) (lb):** 10.2 lb
- **Weight incl. Packaging:** 6.25 kg
- **Weight incl. Packaging (lb):** 13.8 lb

### Power

- **Complies with:** Energy Star
- **Consumption:** 37W
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - green, Stand by/sleep - Amber
- **Power supply:** Built-in, 100-240VAC, 50/60Hz

## Product highlights

### Widescreen design

A wide screen has a wider aspect ratio for displaying more entertainment or information to have more fun and get more done.

### 5ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

### WSXGA+, wide format 1680x1050

Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 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.

### Lead-free

Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

### Lower power consumption

Reduction of the electrical power required to operate a device.

### 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.

### Brightness and contrast button

Conveniently located buttons on the front bezel that provide one-touch brightness and contrast adjustments.

### 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.

