

Philips  
LCD widescreen monitor

49 cm (19.1") wide  
WXGA+

190CW7CS



## Best value for money widescreen LCD monitor

Enjoy more with this big widescreen! Experience multiple viewing experiences on a single screen with the Philips 190CW7's fast response time and convenient dual DVI and VGA connectors - all in one easy-to-use, highly affordable package.

### Outstanding front of screen performance

- Empowered for Windows Vista
- Big, wide screen: IM, write mail, watch videos on one screen
- 5ms fast response time
- WXGA+, wide format 1440 x 900 resolution for sharper display
- sRGB ensures color matching between display and printouts

### Green design

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

### Great convenience

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

# PHILIPS

LCD widescreen monitor  
49 cm (19.1") wide WXGA+

190CW7CS/27

# 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.

## 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.

## WXGA+ 1440 x 900 resolution

WXGA+ or Wide Extended Graphics Array plus is a standard indicating a graphics monitor's ability to display up to the resolutions 1440 by 900 pixels and supports simultaneous display of more than one million colors. WXGA allows monitors to be non-interlaced for better display performance and increased color accuracy.

## 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.

## Flame retardant cabinet

PC/ABS plastic composite is the industry's best and toughest flame-retardant casing material; and is a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors that is compliant with most stringent fire safety standards.

## Lead-free

Lead-free display products are designed and produced in compliance with strict European Community directives on 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.

## Dual input

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

## 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.



# Specifications

## Picture/Display

- LCD panel type: 1440 x 900 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19.1"/ 48.1 cm
- Effective viewing area: 410.4 x 256.5 mm
- Pixel pitch: 0.285 x 0.285 mm
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 850:1
- Display colors: 16.7 M
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- Maximum Resolution: 1440 x 900 @ 75 Hz
- Optimum resolution: 1440 x 900 @ 60 Hz
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 55 - 75 Hz
- sRGB

## Connectivity

- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green

## Convenience

- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu (OK), Power On/Off
- OSD Languages: English, French, Portuguese, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC 2B, Windows 98/ME/2000/XP/Vista
- Regulatory approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, MPRII, TCO '99, TÜV/GS, TÜV Ergo
- Tilt: -5° to 20°

## Accessories

- Included accessories: AC Power Cord, VGA cable
- User Manual

## Dimensions

- Box dimensions (W x H x D): 520 x 392 x 190 mm
- Box dimensions in inch (W x H x D): 20.5 x 15.4 x 7.5 inch
- Set dimensions (W x H x D): 438.5 x 310.4 x 60.5 mm
- Set dimensions in inch (W x H x D): 17.3 x 12.2 x 2.4 inch
- Set dimensions with stand (W x H x D): 438.5 x 358 x 211 mm
- Set dimensions with stand in inch (W x H x D): 17.3 x 14.1 x 8.3 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): 5 kg
- Product weight (+stand) (lb): 11 lb
- Weight incl. Packaging: 6.7 kg
- Weight incl. Packaging (lb): 14.8 lb

## Power

- Complies with: E2000, Energy Star
- Consumption (On mode): 36W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz



Issue date 2019-05-09

Version: 4.0.13

12 NC: 8639 000 17262  
UPC: 6 09585 11844 7

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