



Philips Brilliance
LCD monitor

48 cm (19")
SXGA

190P7EB

Super display designed for demanding professionals

Perfect for Finance and Business users, with a full range of productivity-enhance features, SmartManage remote management, ergonomic and lead-free design, the 190P7 delivers superb display with the lowest total cost of ownership.

Maximum comfort for maximum productivity

- 90 degree screen rotation and smart cable management
- Tilt and swivel adjustment for an ideal viewing angle
- Brightness automatically adjusts to ambient light

Outstanding front of screen performance

- Fast 8-ms GtG response time: Great moving image display
- SXGA 1280 x 1024 resolution for sharper display
- Widest viewing angle up to 178 degrees

Great convenience

- Dual DVI for better support of multiple PC source input
- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections

Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- Empowered for Windows Vista

PHILIPS

Highlights

Widest viewing angle (178°)

The widest viewing angle up to 178 degree provides the clearest display from any angles.

8-ms response time (GtG)

GtG response time is the average time that it takes for a pixel to go from one arbitrary position to another, which is the average time of transition between several sets of random color levels. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of fast moving images. GtG response time is an important way to measure display quality of multimedia content like movies, videos and games; On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

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.

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.

SmartManage enabled

SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Super Ergo Base

The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

Screen tilt and swivel

Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

SmartBright

SmartBright is an exclusive Philips feature that employs a built-in sensor to automatically adjust display settings, delivering the very best viewing experience, reduced energy consumption and prolonged monitor life while eliminating bright-screen-dark-room and dark-screen-bright-room eyestrain fatigue - all

without the bother of manually adjusting display brightness as room lighting conditions change.

SmartControl

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

Dual DVI input

The ability to switch among input from multiple PC sources on a single display rather than employing a separate monitor for each PC. Dual DVI input is especially useful with professional applications. A hot-key switches display among available computer inputs without the need to change cables.

USB connectivity solution

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.



Specifications

Connectivity

- Signal Input: 2 x DVI-I
- USB: USB 2.0 x 2
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Sync input impedance: 2.2k ohm
- Video input impedance: 75 ohm
- Video input signal levels: 0.7 Vpp

Picture/Display

- Panel Size: 19"/ 48 cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.294 x 0.294 mm
- Optimum resolution: 1280 x 1024 @ 60Hz (digital input)
- Brightness: 300 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1300:1
- Response time (typical): 8 (Grey to Grey) ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Maximum Resolution: 1280 x 1024 @ 75Hz (digital input)
- Effective viewing area: 376.3 x 301.1 mm
- sRGB
- Video Dot Rate: 140 MHz
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297

Convenience

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- User convenience: On-screen Display, SmartBright, SmartManage enabled
- Pivot: 90° (counter-clockwise)
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Input, Power On/Off
- Regulatory approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible

- Swivel: +/- 45°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (On mode): 40 W (Typical)
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Complies with: Energy Star
- Consumption (Off Mode): < 1 W

Dimensions

- Box depth: 248 mm
- Set width (with stand): 429.6 mm
- Box height: 511 mm
- Set width (with stand) (inch): 16.8 inch
- Box width: 510 mm
- Set height (with stand): 414 mm
- Set height (with stand) (inch): 16.3 inch
- Set Width: 429.6 mm
- Height adjustment range: 130 mm
- Set depth (with stand): 215.3 mm
- Set Height: 347 mm
- Set Depth: 66.6 mm
- Set depth (with stand) (inch): 8.5 inch
- Set Width (inch): 16.8 inch
- Temperature range (operation): 5°C to 40°C
- Set Height (inch): 13.7 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.6 inch
- Box depth (inch): 9.8 inch
- Box height (inch): 20.1 inch
- Box width (inch): 20.1 inch
- Product weight (+stand): 8.2 kg
- Product weight (+stand) (lb): 18.1 lb
- Weight incl. Packaging: 10.0 kg
- Weight incl. Packaging (lb): 23.1
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Height adjustment range (inch): 5.1 inch

Accessories

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



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