



Philips
LCD monitor with
LightFrame™

48 cm (19")
SXGA

190P5ES

the best productivity solution

When the job demands outstanding performance: The Philips 190P5 delivers for business with superior ergonomics and the ultimate in clear, reliable display plus SmartManage for remote, LAN-based monitor management and low power consumption.

Outstanding front of screen performance

- LightFrame™ delivers best-ever sharpness and brightness
- Wide viewing angle for extra freedom
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- Easy plug-and-play DVI for a true digital experience

Maximum comfort for maximum productivity

- Built-in speakers for audio without desktop clutter
- Stand-alone audio for efficient net conferencing
- Adjustable screen height for the ideal viewing angle
- 90 degree screen rotation and smart cable management
- Tilt and swivel adjustment for an ideal viewing angle

Lower total cost of ownership

- SmartManage compatibility enables LAN-based asset management
- Power consumption below the industry average

PHILIPS

Highlights

LightFrame™

An intelligent and revolutionary technology for enhancing monitor's brightness, sharpness, contrast, and color. Images enhanced by LightFrame™ are lively, realistic, clear, attractive and colorful.

Wide viewing angle

A wide viewing angle provides the clearest display with little reflection from virtually any angle.

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.

Dual input

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

In-box DVI cable

A DVI cable is shipped with the product to provide high quality digital display.

Built-in speakers

A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Stand-Alone audio function

Built-in advanced firmware that delivers audio output even if there is no video input.

Adjustable height

Adjustable height is the ability of a monitor to travel up or down on its base and lock into position when the desired height is reached, delivering a comfortable, individualized viewing angle that is just right for the user's height, weight, body-type and posture, alleviating possible eyestrain or fatigue that can come from long hours working on a computer.

ScreenRotate

ScreenRotate makes it possible to use a monitor in either the landscape and portrait mode; to change orientation for a better view of a selected document or image, the monitor is rotated to the desired orientation.

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.

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.

Lower power consumption

Reduction of the electrical power required to operate a device.



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/m²
- Contrast ratio (typical): 700:1
- Display colors: 16 M
- Viewing angle: @ C/R > 10
- Viewing angle (H / V): 170 / 170 degree
- Response time (typical): 16 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75Hz
- Optimum resolution: 1280 x 1024 @ 60Hz
- Factory Preset Modes: 15 modes
- User definable modes: 14 modes
- Horizontal Scanning Frequency: 30 - 82 kHz
- Refresh Rate (V): 56 - 76 Hz
- Picture enhancement: LightFrame™
- sRGB

Connectivity

- Signal Input: VGA (Analog), DVI-D, PC Audio in
- I/O interface on pad: Headphone jack

Convenience

- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/Right, LightFrame, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD Languages: English, French, German, Italian,

- Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, EMC, TCO '03, TCO '99, TÜV/GS, TÜV Ergo
- Swivel: +/- 65°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Accessories

- Included accessories: AC Power Cord, Audio Cable, DVI-D cable, VGA cable
- Pivot & Portrait User Pack
- User Manual

Dimensions

- Dimensions (with base) (W x H x D): 425 x 432 x 210 mm
- Height adjustment range: 130 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 8.53 kg

Power

- Complies with: E2000, Energy Star, NUTEK
- Consumption (On mode): 42.5W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - Blue, Stand by/sleep - Amber
- Power supply: Built-in



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