Philips Brilliance
LCD monitor

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.

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

Lower total cost of ownership
- Power consumption below the industry average
- SmartManage compatibility enables LAN-based asset management

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

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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

VGA connector   DVI connector

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

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

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
- Brightness: 300 cd/m²
- Display colors: 16 M
- Contrast ratio (typical): 700:1
- Response time (typical): 16 ms
- Viewing angle: @ C/R > 10
- Viewing angle (horizontal): 170 degree
- Viewing angle (vertical): 170 degree
- Picture enhancement: LightFrame ™
- Horizontal Scanning Frequency: 30 - 82 kHz
- Maximum Resolution: 1280 x 1024 @ 75Hz
- Effective viewing area: 376.3 x 301.1 mm
- Factory Preset Modes: 15 modes
- Refresh Rate (V): 56 - 76 Hz
- sRGB
- User definable modes: 14 modes
- 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
- 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
- Regulatory approvals: CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, EMC, TCO '03, TCO '99, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Swivel: +/- 65°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

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

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

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