



Philips Brilliance  
LCD monitor

48 cm (19")  
SXGA

190P5EB

## 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

# 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



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/m<sup>2</sup>
- 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 '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



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