

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 efficiency
- Fast response time capable of handling fast moving pictures
- Dual Input accepts both analog VGA and digital DVI signals
- Easy plug and play DVI ensures true digital experience
- SXGA 1280 x 1024 resolution for sharper display
- sRGB ensures color matching between display and printouts

Maximum comfort for maximum productivity

- Audio speakers built into a display device without clutter
- Stand-alone audio makes net conferences most efficient
- Screen height adjustable for ideal viewing angle
- Screen pivot for portrait and landscape options
- Screen tilt and swivel adjustment for ideal viewing angle

Lower total cost of ownership

- SmartManage manages display devices remotely
- Lower power consumption than industry average
- Kensington anti-theft lock secures monitor against theft

Great convenience

- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display



19 inch LCD Monitor

Commercial 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 (nits) 300
- Contrast Ratio 700:1
- Display Colors 16 M
- Viewing Angle (C/R > 10°)
 - Horizontal : 170°
 - Vertical : 170°
- Response Time 16 ms
- White Chromaticity, 6500° K $x = 0.313$ / $y = 0.329$
- White Chromaticity, 9300° K $x = 0.283$ / $y = 0.297$
- Maximum Resolution 1280 x 1024 @ 75Hz
- Recommended 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 Yes

Connectivity

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

Convenience

- Built-in Audio 2W RMS x 2 Stereo Speakers
- Convenience Enhancements 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 Features 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'99, TÜVIGS, TÜV-Ergo
- Swivel +/- 65°
- Tilt -5° to 25°
- VESA Mount 100 mm x 100 mm

Accessories

- User Manual Yes
- Pivot & Portait User Pack Yes
- Included Accessories AC Power Cord, Audio Cable, DVI-D Cable, VGA Cable

Dimensions

- Depth (with base) 210 mm
- Height (with base) 432 mm
- Width (with base) 425 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 42.5 W (Typical)
- Off Mode <1 W
- Power LED Indicator Operation, Blue; Stand by/Sleep, Amber
- Power Supply Built-in

Product 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

The wide viewing angle provides the clearest display from any angle.

Fast response time

The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and therefore result in fewer visible image artifacts.

Dual Input

Connectors to accommodate input of both analog VGA and digital DVI signals.

In-box DVI cable

A DVI cable is shipped with product.

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.

sRGB ready

Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Built-in Speakers

Audio speakers built into a display device.

Stand-alone audio

Advanced built-in firmware makes audio output available even when there is no video input.

Adjustable height

The ability to set your monitor to the most pleasurable viewing height. Height adjustment makes computer work more comfortable and reduces fatigue or eyestrain, even when you spend long hours working on the computer. It makes you more productive.

Screen pivot

Enables use of a monitor in both landscape and portrait orientations. In order to have a better view of the image displayed on screen you can change orientation effortlessly by simply holding the monitor and pivoting it to portrait or landscape mode.

Screen tilt and swivel

Movement of a screen to attain the ideal viewing angle.

SmartManage

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.

Kensington anti-theft lock

A security device that fixes the monitor in place to prevent theft.

Embedded power supply

A power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes

A unified industry standard for mounting IT equipment set by the Video Electronics Standards Association.

Trademarks owned by Royal Philips Electronics
2004 © Royal Philips Electronics - All rights reserved
As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.
Microsoft and Windows are registered trademarks of Microsoft Corporation.
All data subject to change without notice
Release date: June 2004
www.philips.com

