

the best productivity solution

Superior performance for tough jobs: With superior ergonomics and excellent, clear display plus SmartManage for remote, LAN-based monitor management and low power consumption, the Philips190B5 delivers a big-screen productivity edge.

Outstanding front of screen performance

- 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
- 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
- Screen height adjustable for ideal viewing angle
- 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



PHILIPS

19 inch LCD Monitor

Commercial Specifications

Picture/ Display

- LCD Panel Type1280 x 1024 pixels, Anti-glare Polarizer, RGB Vertical Stripe
- Panel Size19"/ 48cm
- Effective Viewing Area376.3 x 301.1 mm
- Pixel Pitch0.294 x 0.294 mm
- Brightness (nits)250
- Contrast Ratio500:1
- Display Colors16 M
- Viewing Angle (C/R > 10)- Horizontal : 176°
- Vertical : 176°
- Response Time25 ms
- White Chromaticity, 6500° K $x = 0.313$ / $y = 0.329$
- White Chromaticity, 9300° K $x = 0.283$ / $y = 0.297$
- Maximum Resolution1280 x 1024 @ 75Hz
- Recommended Resolution1280 x 1024 @ 60Hz
- Factory Preset Modes15 modes
- User Definable Modes14 modes
- Horizontal Scanning Frequency30 - 82 KHz
- Refresh Rate (V)56 - 76 Hz
- sRGBYes

Connectivity

- Signal InputAnalog (VGA), DVI-D, PC Audio in
- I/O interface on padHeadphone Jack

Convenience

- Built-in Audio2W RMS x 2 (32 PMPO) speakers
- Convenience EnhancementsOn-screen Display SmartManage
- Monitor ControlsAuto, Brightness control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD LanguagesEnglish, French, German, Italian, Simplified Chinese, Spanish
- Other Convenience FeaturesKensington Lock
- Plug & Play CompatibilityDDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory ApprovalsCE Mark, E2000, EMC, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO'99, TÜVIGS, TÜV-Ergo
- Swivel+/- 175°
- Tilt-5° to 30°
- VESA Mount100 mm x 100 mm

Accessories

- User ManualYes
- Included AccessoriesAC Power Cord, Audio Cable, Protective Film, VGA Cable

Dimensions

- Depth (with base)235 mm
- Height (with base)410 mm
- Width (with base)425 mm
- Height Adjustment Range40 mm
- MTBF50,000 hrs
- Relative Humidity20 % - 80 %
- Temperature Range (Operation)+5°C to +35°C
- Temperature Range (Storage)-20°C to +60°C
- Weight7.8 kg

Power

- Complies WithE2000, Energy Star, NUTEK
- Consumption40 W (Typical)
- Off Mode1 W
- Power LED IndicatorOperation, Green; Stand by/Sleep, Amber
- Power SupplyBuilt-in

Product Highlights

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.

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.

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 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.



design award
winner
2004



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