

satisfies display requirements of demanding users

Look to the Philips 150B5 to save space and money: Great, reliable display, productivity enhancing ergonomics plus SmartManage for remote, LAN-based monitor management and low power consumption make the Philips 150B5 the right business.

Outstanding front of screen performance

- Zero Bright Dot™ eliminates LCD bright dot defects
- XGA 1024x768 resolution for sharper display
- Dual Input accepts both analog VGA and digital DVI signals
- 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
- Cable management for a tidy work space

Best total cost of ownership solution

- SmartManage manages display devices remotely
- Lower power consumption than industry average

Great convenience

- Embedded power supply eliminates external power adaptors



PHILIPS

15 inch LCD Monitor

Commercial Specifications

Picture/ Display

• LCD Panel Type	1024 x 768 pixels, Anti-glare Polarizer, RGB Vertical Stripe
• Panel Size	15" / 38 cm
• Effective Viewing Area	304.1 x 228.1 mm
• Pixel Pitch	0.297 x 0.297 mm
• Brightness (nits)	250
• Contrast Ratio	400:1
• Display Colors	16 M
• Viewing Angle (C/R > 5)	- Horizontal : 160° - Vertical : 140°
• 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	1024 x 768 @ 75Hz
• Recommended Resolution	1024 x 768 @ 60Hz
• Factory Preset Modes	14 modes
• User Definable Modes	16 modes
• Horizontal Scanning Frequency	30 - 61 KHz
• Refresh Rate (V)	56 - 76 Hz
• sRGB	Yes

Connectivity

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

Convenience

• Built-in Audio	1.5 W RMS x 2 Stereo Speakers
• Convenience Enhancements	On-screen Display, SmartManage
• Monitor Controls	Auto, Brightness control, Left/Right, 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, EMC, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO'03, TÜVIGS, TÜV-Ergo
• Swivel	+/- 125°
• Tilt	-5° to 25°
• VESA Mount	100 mm x 100 mm

Accessories

• User Manual	Yes
• Included Accessories	AC Power Cord, Audio Cable, VGA Cable

Dimensions

• Depth (with base)	209 mm
• Height (with base)	322 mm
• Width (with base)	342 mm
• Height Adjustment Range	70 mm
• MTBF	50,000 (excl. CCFL 40,000) hrs
• Relative Humidity	20 % - 80 %
• Temperature Range (Operation)	5°C to 40°C
• Temperature Range (Storage)	-20°C to 60°C
• Weight	4.2 kg

Power

• Complies With	E2000, Energy Star, NUTEK
• Consumption	19 W (Typical)
• Off Mode	< 1 W
• Power LED Indicator	Operation, Green; Stand by/Sleep, Amber
• Power Supply	Built-in

Product Highlights

Zero Bright Dot™

Bright dots are defects in a LCD panel once thought to be an inevitable part of the manufacturing process. With Zero Bright Dot™, Philips monitors are guaranteed without dot defects.

XGA, 1024 x 768 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1024-by-768 pixel screen is capable of displaying 1024 distinct dots on each of 768 lines, or about 786 thousand pixels. XGA provides resolutions of 640 by 480 or 1024 by 768 pixels. In addition, XGA allows monitors to be non-interlaced. This ensures a better display performance and accurate color display effect.

Dual Input

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

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.

Cable management

A system for organizing cables and wires required for the operation of a display device to have a tidy work space.

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.

Embedded power supply

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



design award
winner
2004



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