



Philips Brilliance
LCD widescreen monitor

24" w B-line

WUXGA

Brilliance

240B1CS

Big ergonomic business display boosts productivity

With features like SmartImage, Front Stereo Audio, USB port and Ergo base, the energy efficient 240B1 business display enhances your productivity

Sustainable Eco-friendly solution

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials meets major International standards
- EPEAT Silver ensures lower impact on environment

Outstanding display performance

- SmartImage: Optimized user friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

Ergonomic design

- 70mm height adjustment for ideal sitting position
- Tilt and swivel adjustment for an ideal viewing angle

Great convenience

- Built in stereo audio for multimedia experience
- USB port to enhance multimedia experience
- Hassle-free display performance tuning with SmartControl II

PHILIPS
sense and simplicity

LCD widescreen monitor
24" w B-line WUXGA

240B1CS/00

Highlights

Built-in stereo audio

A pair of high quality 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.

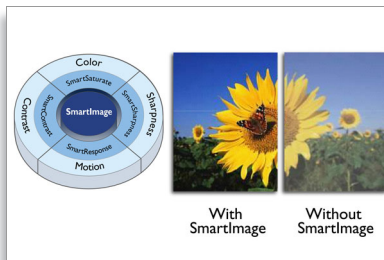
70mm height adjustment

The Compact Ergo Base is a 'people friendly' Philips monitor base that tilts, swivels and is height adjustable so each user can position the monitor for maximum viewing comfort and efficiency

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.

SmartImage



SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color

calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

TrueVision



TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

EPEAT Silver

The EPEAT (Electronic Product Environmental Assessment Tool) program helps purchasers evaluate, compare and select computer products like Monitors based on 51 environmental criteria supported by US EPA. EPEAT certification ensures reduction in use of toxic materials and hazardous waste and also ensures compliance with Energy Star. All Philips monitors are EPEAT-registered with Silver tier, ensuring protection for human health and environment, while being more energy efficient ensuring low emissions of climate changing

green house gases. You can read more about EPEAT @ <http://www.epeat.net/>

Eco-friendly materials

With sustainability as a strategic driver of its business, Philips is committed to use eco-friendly materials across its new product range. Lead-free materials are used across the range. All body plastic parts, metal chassis parts and packing material uses 100% recyclable material. 50% reduction in mercury content in lamps has been achieved. We strictly adhere to RoHS standards which ensure that all hazardous material is removed, and only environmentally friendly material is used. You can read more about sustainability and Philips @ <http://www.asimpleswitch.com/global/>

Energy Star



Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Aspect ratio: 16:10
- Panel Size: 24 inch / 61.1 cm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 5
- Pixel pitch: 0.270 x 0.270 mm
- Picture enhancement: SmartImage
- Brightness: 300 cd/m²
- SmartContrast: 25000:1
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum resolution: 1920 x 1200 @ 60Hz
- Display colors: 16.7 M
- Scanning Frequency: 24 - 94 kHz (H) / 48 - 85 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: Stereo Audio

Convenience

- Built-in Audio: 1.5 W x 2
- User convenience: SmartImage, Auto, Brightness, Menu, Power On/Off, Audio
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
- Other convenience: VESA mount (100x100mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB

Stand

- Height adjustment: 70 mm
- Swivel: -45/45 degree
- Tilt: -5/20 degree

Power

- ECO mode: <30.7W
- Power LED indicator: Operation - White, Standby mode - White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- On mode: <37W (EnergyStar 5.0 test method)
- Standby mode: <0.8W
- Off mode: < 0.5 W

Dimensions

- Product with stand (mm): 494 x 559 x 220 mm
- Product without stand (mm): 381 x 559 x 75 mm
- Packaging in mm (WxHxD): 563 x 638 x 195 mm

Weight

- Product with stand (kg): 6.8 kg
- Product without stand (kg): 5.5 kg
- Product with packaging (kg): 9.2 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature Range (storage): -20 to 60 °C
- Relative humidity: 20%-80 %
- MTBF: 50,000 hour(s)

Sustainability

- Environmental and energy: EPEAT Silver, RoHS, Energy Star
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, GOST, SEMKO, TCO 5.0, TUV/GS, TUV Ergo, UL/cUL

Cabinet

- Color: Silver / Black
- Finish: Texture



Issue date 2009-12-14

Version: 4.0.3

12 NC: 8670 000 53485
EAN: 87 12581 48730 0

© 2009 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com