



Philips Brilliance
LCD monitor with LED
backlight

B Line
19" (48.3 cm)
Format 16:10

190BL1CB

Ergonomic business display enhances productivity

With features like SmartImage, Front Stereo Audio, USB port and Ergo base, the energy-efficient 190BL1 business display enhances your productivity

Sustainable Eco-friendly solution

- Eco-friendly materials that meet international standards
- EPEAT Silver ensures lower impact on environment
- Energy Star for energy efficiency and low power consumption

Outstanding display performance

- LED technology ensures natural colours
- SmartImage: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

Ergonomic design

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

Great convenience

- Built in stereo audio for multimedia experience

PHILIPS

Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

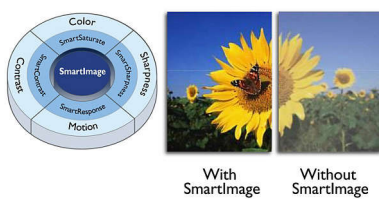
70 mm height adjustment

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 mechanism built into the base permits the monitor to swivel and tilt backwards or forwards.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

TrueVision



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

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification

ensures that you are buying a product which meets the latest power efficiency standards and which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov

Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at <http://www.asimpleswitch.com/global/> to learn more.

EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

Built-in stereo audio

A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.



Specifications

Connectivity

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

Picture/Display

- Panel Size: 19 inch/48.3 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.283 x 0.283 mm
- Optimum resolution: 1440 x 900 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 408.24 (H) x 255.15 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- Built-in Audio: 1 W x 2
- User convenience: SmartImage, Audio, Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand

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

Power

- ECO mode: 7.7 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 11.4 W (EnergyStar 5.0 test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Packaging in mm (W x H x D): 508 x 485 x 172 mm
- Product without stand (mm): 436 x 305 x 68 mm
- Product with stand (max height): 436 x 422 x 201 mm

Weight

- Product with packaging (kg): 6.18 kg
- Product with stand (kg): 4.12 kg
- Product without stand (kg): 3.04 kg

Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TCO 5.2, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet

- Colour: Black/Black
- Finish: Texture



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