



Philips Brilliance  
LCD monitor with Ergo  
base, USB, Audio

48 cm (19") w B-line

Format 16:10

**Brilliance**

190B1CB

## Ergonomic business display enhances productivity

With features like SmartImage, Front Stereo Audio, USB port and Ergo base, the energy efficient 190B1 business display enhances your productivity

### **Sustainable Eco-friendly solution**

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets 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

# Highlights

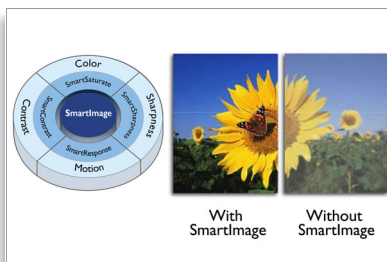
## 70mm height adjustment

The Super Ergo Base is a 'people friendly' Philips monitor base that not only tilts and swivels, but is also height adjustable and pivots to 90 degree, so that each user can adjust the monitor to their personal preference 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 and gives you optimized 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 optimizes the contrast, color 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!

## 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.

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards 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](http://www.energystar.gov)

## 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. Substantial reduction in mercury content in lamps has been achieved. We strictly adhere to RoHs standards which ensure that all hazardous material is removed. You can read more about sustainability and Philips @ <http://www.asimpleswitch.com/global/>

## EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://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. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 19 inch / 48.26 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.243 x 0.243 mm
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Optimum resolution: 1440x900 @ 60Hz
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 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: 1Wx2
- User convenience: SmartImage, Audio, Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
- Other convenience: VESA mount (100x100mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

## Stand

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

## Power

- ECO mode: <14.5W
- On mode: <18.5W (EnergyStar 5.0 test method)
- Standby mode: <0.8 W
- Off mode: < 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Dimensions

- Product with stand (mm): 421 x 436 x 201 mm
- Product without stand (mm): 305 x 436 x 68 mm
- Packaging in mm (WxHxD): 485 x 508 x 172 mm

## Weight

- Product with stand (kg): 4.5 kg
- Product without stand (kg): 3.4 kg
- Product with packaging (kg): 6.09 kg

## Operating conditions

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

## Sustainability

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

## Compliance and standards

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

## Cabinet

- Color: Black
- Finish: Texture



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