PHILIPS

Stylish, feature-packed display for computer entertainment

Stylish design and a host of smart features like SmartResponse and SmartImage elevate your viewing pleasure to new heights: be it gaming or Internet, the 220C1 is your best computer entertainment choice.

Best picture quality
- SmartResponse of 2 ms
- SmartContrast 30000:1 for incredible rich black details
- SmartImage: Optimised user-friendly display experience

Designed for elegance
- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

Environmentally friendly green design
- TCO 5.0 guarantees the highest safety and ergonomic standard
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meet international standards

Great convenience
- Dual input accepts both analogue VGA and digital DVI signals
- USB port for convenient peripheral connections
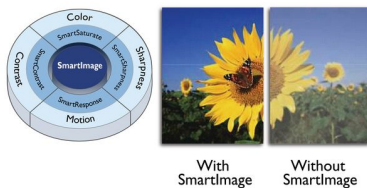- Hassle-free display performance tuning with SmartControl II

Highlights

SmartContrast ratio 30000:1

With SmartContrast · Without SmartContrast

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight–boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

SmartImage

With SmartImage · Without 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!

TCO 5.0 compliance

The new TCO 5.0 standard not only guarantees excellent picture quality and ergonomics, but also the lowest energy consumption and minimal usage of environmentally hazardous substances. Stringent controls on Electrical and Magnetic Field Emissions are applied so that you can work safely. Plastics variety is limited and is coded for easy identification during the recycling process, ensuring products have minimal climate and environmental impact during their lifecycle. Levels of chemicals that can affect users are also kept to a minimum. More about TCO certifications @http://www.tcodevelopment.com/

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

USB 2.0 port

The USB port allows the user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices that use USB connection. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered on independently, as they have higher power requirements than the monitor USB port can provide.

SmartControl II

SmartControl II is monitor–based software with an easy-to-use on–screen graphic interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock and phase, position, RGB, white point and – on models with onboard speakers – volume adjustments.

SmartResponse 2 ms · 30,000:1 SmartContrast · SmartImage™ · ENERGY STAR · TCO CERTIFIED · USB Connectivity

Specifications

Picture/Display

LCD panel type: TFT-LCD
Panel Size: 22 inch/55.9 cm
Aspect ratio: 16:10
Pixel pitch: 0.282 x 0.282 mm
Brightness: 250 cd/m²
SmartContrast: 30000:1
SmartResponse: 2 ms (Grey to Grey)
Optimum resolution: 1680 x 1050 @ 60 Hz
Viewing angle: 176º (H)/170º (V), @ C/R > 5
Picture enhancement: SmartImage
Display colours: 16.7 M
Scanning Frequency: 30 – 83 kHz (H)/56 –75 Hz (V)
sRGB

Connectivity

Signal Input: VGA (Analogue), DVI-D
USB: USB 2.0 x 1
Sync Input: Separate Sync, Sync on Green

Convenience

User convenience: SmartImage, Brightness, Menu, Input, Auto, Auto picture, Power On/Off
OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
Other convenience: Kensington lock
Plug and Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

Stand

Tilt: –5/+20 degree

Power

ECO mode: < 19 W
On mode: 21.33 W (EnergyStar 5.0 test method)
Standby mode: <0.8 W
Off mode: <0.5 W
Power LED indicator: Operation – White, Standby/sleep–white (flashing)
Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions

Product with stand (mm): 425 x 508 x 201 mm
Product without stand (mm): 344 x 508 x 69 mm
Packaging in mm (W x H x D): 482 x 562 x 130 mm

Weight

Product with stand (kg): 4.4 kg
Product without stand (kg): 3.9 kg
Product with packaging (kg): 6.2 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, EnergyStar 5.0

Compliance and standards

Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, UL/cUL

Cabinet

Colour: Black
Finish: Glossy

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