PHILIPS

LCD monitor with
Pivot base, USB, Audio

Brilliance

56 cm (22") w P-line

Format 16:10

220P1ES

Professional ergonomic display boosts productivity

With advanced ergonomics and enhanced features like SmartImage, Smart Ergo Base, Front Stereo Audio and a USB port, the 220P1 business display boosts your productivity

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

Outstanding display performance
· SmartImage: Optimised user-friendly display experience
· Hassle-free display performance tuning with SmartControl II
· TrueVision: Laboratory quality display performance

Ergonomic design
· 130 mm height adjustment for ideal sitting position
· 90-degree screen rotation and smart cable management
· Tilt and swivel adjustment for the ideal viewing angle

Great convenience
· Built in stereo audio for multimedia experience
· USB port to enhance multimedia experience

Highlights

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.

USB port for multimedia

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Since it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. A port located on a monitor directly in the user's line of sight provides easy, high-speed connectivity for USB devices at a convenient location. (USB 2.0 support is dependent on your PC's USB configuration; when connected to a PC that supports USB 2.0, your monitor is USB 2.0 compatible)

130 mm 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 90 degrees, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.
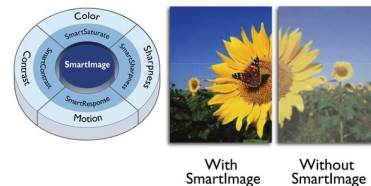
Screen tilt and swivel

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

ScreenRotate

ScreenRotate makes it possible to use a monitor in either the landscape or portrait mode; to change orientation for a better view of a selected document or image, the monitor is rotated to the desired orientation.

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!

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.

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.

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

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: 25000:1
Response time (typical): 5 ms
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 (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, Audio, Brightness, Menu, Auto, Power On/Off
OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese
Other convenience: VESA mount (100 x 100 mm), Kensington lock
Plug and Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

Stand
Height adjustment: 130 mm
Pivot: 90
Swivel: –65/+65 degree
Tilt: –5/20 degree

Power
ECO mode: <17.5 W
On mode: 21.38 W (EnergyStar 5.0 test method)
Standby mode: <0.5 W
Off mode: < 0.5 W
Power LED indicator: Operation – White, Standby mode – White (flashing)
Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions
Product with stand (mm): 589 x 502 x 220 mm
Product without stand (mm): 346 x 502 x 58 mm
Packaging in mm (W x H x D): 410 x 658 x 272 mm

Weight
Product with stand (kg): 6.47 kg
Product without stand (kg): 4.15 kg
Product with packaging (kg): 7.58 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: BSMI, CE Mark, FCC, Class B, GOST, SEMKO, TCO 5.0, TUV/GS, TUV Ergo, UL/cUL

Cabinet
Colour: Silver/Black
Finish: Texture

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