

Philips LCD monitor with LED backlight

V Line 21.5" (54.6 cm)

226V4LAB

# Enjoy great LED pictures in vivid colours

# with stereo speakers

Enjoy vivid LED pictures with this attractive, glossy design display. Equipped with stereo speakers and SmartControl Lite, it's a great choice!

#### Vivid pictures every time

- Easy display performance tuning with SmartControl Lite
- LED technology for vivid colours
- SmartContrast for rich black details
- 16:9 Full HD display for the best viewing experience

## Modern design

- · Attractive glossy design
- Small footprint saves space
- VESA mount allows for flexibility

### **Experience multimedia**

• Powerful sound with 2 x 2 watts RMS speakers

## Greener every day

- Mercury Free eco-friendly display
- · Low power consumption saves energy bills
- Energy Star for energy efficiency and low power consumption



# 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.

#### **Built-in stereo speakers**

Now you can enjoy all your multimedia and social applications with stereo sound. These built-in speakers not only sound great, but also help you to get rid of external wire clutter and save valuable desktop space.

#### **SmartControl Lite**

SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune most parameters of the monitor like Colour, Brightness, screen calibration, Multimedia, ID management etc. with the mouse.

#### **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.

#### 16:9 Full HD



The Full HD screen has the widescreen resolution of  $1920 \times 1080p$ . This is the highest resolution of HD sources for the best possible

picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Bluray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

#### **Mercury Free**

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

#### Low power consumption

Low power consumption saves energy bills

# Attractive glossy design

Attractive glossy design

# Small footprint saves space

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#### **VESA** mount

VESA mount allows for flexibility

#### **Energy Star**

Energy Star for energy efficiency and low power consumption





















# Specifications

#### Connectivity

- Signal Input: VGA (Analogue), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- · Audio (In/Out): PC audio-in

## Picture/Display

- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 10,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Effective viewing area: 476.64 (H) x 268.11 (V)
- Scanning Frequency: 30-83 kHz (H)/56-75 Hz (V)
- sRGB

#### **Convenience**

- Plug and Play Compatibility: DDC/Cl, Mac OS X, sRGB, Windows 7, Windows XP
- Built-in Audio: 2.0W x 2
- User convenience: Auto/Down, Brightness/Back, Menu/OK, Power On/Off, Volume/Up
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Spanish, Simplified Chinese, Turkish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

#### **Stand**

• Tilt: -5/20 degree

#### Power

• Power supply: Built-in, 100-240 VAC, 50-60 Hz

- Off mode: 0.5 W (typ.)
- On mode: 21.05 W (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation White, Standby mode - White (flashing)

#### **Dimensions**

- Product with stand (mm):  $514 \times 388 \times 213$  mm
- Packaging in mm (W x H x D): 567 x 396 x 124 mm
- Product without stand (mm): 514 x 320 x 48 mm

### Weight

- Product with packaging (kg): 4.55 kg
- Product with stand (kg): 3.34 kg
- Product without stand (kg): 3.00 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: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

#### Compliance and standards

 Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO Certified, TUV/ISO9241-307, UL/cUL, WEEE

#### **Cabinet**

- · Colour: Black
- Finish: Glossy (front bezel)/Textured (rear cover)

## What's in the box?

- Cables: VGA, Power
- Monitor with stand
- User Documentation



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