

Philips V-line 243V5LHAB(243V5LHAB/00)

Philips V-line 243V5LHAB - LED monitor - 23.6" - 1920 x 1080 Full HD (1080p) - 250 cd/m<sup>2</sup> - 1000:1 - 1 ms - HDMI ,DVI-D,VGA - speakers - textured black,black hairline



Enjoy vivid LED pictures on this Philips display. Equipped with HDMI and stereo speakers,it's a great choice!

## Key Selling Points

- LED technology for vivid colors
- SmartContrast for rich black details
- 16:9 Full HD display for best viewing experience
- Easy display performance tuning with SmartControl Lite
- Built-in stereo speakers for multimedia
- HDMI-ready for Full HD entertainment
- Compact design saves space
- Mercury free eco-friendly display
- VESA mount allows for flexibility

## Product Features

### 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 LCD backlight,resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

### Built-in stereo speakers

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.

### SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying,automatically adjusting colors 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 x 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 like Blu-ray 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 colors.

### HDMI ready

A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input,high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes,DVD players and A/V receivers and video cameras.

### Mercury free

Philips monitors with LED backlighting are free of mercury content,one of the most toxic natural substances which affect humans and animals. This allows for an eco-friendly display through out its life-cycle from manufacturing to disposal.

## Main Specifications

|                             |  |
|-----------------------------|--|
| Product Description         | Philips V-line 243V5LHAB - LED monitor - Full HD (1080p) - 23.6" |
| Device Type                 | LED-backlit LCD monitor - 23.6"                                  |
| Energy Class                | Class B  |
| Energy Consumption per Year | 40 kWh   |
| Power Consumption (On mode) | 27 W   |
| Aspect Ratio                | 16:9   |
| Native Resolution           | Full HD (1080p) 1920 x 1080 at 60 Hz                             |

|                                 |   |
|---------------------------------|---|
| Pixel Pitch                     | 0.272 mm  |
| Brightness                      | 250 cd/m <sup>2</sup>   |
| Contrast Ratio                  | 1000:1 / 10000000:1 (dynamic)   |
| Response Time                   | 5 ms (typical); 1 ms (grey-to-grey)   |
| Colour Support                  | 16.7 million colours  |
| Input Connectors                | HDMI, DVI-D, VGA  |
| Speakers                        | Integrated  |
| Display Position Adjustments    | Tilt  |
| Colour                          | Textured black, black hairline  |
| Dimensions (WxDxH) - with stand | 55.1 cm x 22 cm x 42 cm   |
| Weight                          | 3.66 kg   |
| Environmental Standards         | ENERGY STAR Qualified   |
| Compliant Standards             | Plug and Play, FCC Class B certified, BSMI, GOST, SASO, SEMKO, PSB, DDC/CI, RoHS, Lead-Free, ISO 9241-307, WEEE, TCO Certified Edge |
| Manufacturer Warranty           | 2-year warranty   |

## Extended Specification

### General

|                             |   |
|-----------------------------|---|
| Display Type                | LED-backlit LCD monitor / TFT active matrix |
| Energy Class                | Class B                                     |
| Energy Consumption per Year | 40 kWh                                      |
| Power Consumption (On mode) | 27 W  |
| Diagonal Size               | 23.6"                                       |
| Aspect Ratio                | 16:9  |
| Native Resolution           | Full HD (1080p) 1920 x 1080 at 60 Hz        |
| Pixel Pitch                 | 0.272 mm                                    |
| Brightness                  | 250 cd/m <sup>2</sup>                       |
| Contrast Ratio              | 1000:1 / 10000000:1 (dynamic)               |
| Colour Support              | 16.7 million colours                        |
| Response Time               | 5 ms (typical); 1 ms (grey-to-grey)         |
| Vertical Refresh Rate       | 56 - 75 Hz                                  |
| Horizontal Refresh Rate     | 30 - 83 kHz                                 |
| Horizontal Viewing Angle    | 170   |
| Vertical Viewing Angle      | 160   |
| Backlight Technology        | WLED  |

|                        |   |
|------------------------|---|
| Controls & Adjustments | Volume, brightness  |
| OSD Languages          | Hungarian, Czech, Chinese (traditional), Chinese (simplified), Ukrainian, Brazilian Portuguese, English, German, French, Italian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch |
| Features               | Sync on Green, sRGB colour management, HDCP, SmartContrast  |
| Colour                 | Textured black, black hairline  |
| Dimensions (WxDxH)     | 55.1 cm x 22 cm x 42 cm - with stand  |
| Weight                 | 3.66 kg   |

#### Audio

|                        |                                |
|------------------------|--------------------------------|
| Type                   | Speakers - stereo - integrated |
| Output Power / Channel | 2 Watt                         |

#### Connectivity

|            |   |
|------------|---|
| Interfaces | VGA<br>HDMI<br>DVI - D<br>Audio line-in<br>Headphones |
|------------|---|

#### Mechanical

|                              |              |
|------------------------------|--------------|
| Display Position Adjustments | Tilt         |
| Tilt Angle                   | -5/+20       |
| VESA Mounting Interface      | 100 x 100 mm |

#### Miscellaneous

|                     |   |
|---------------------|---|
| Features            | Security lock slot (cable lock sold separately)   |
| MTBF                | 30,000 hour(s)  |
| Compliant Standards | Plug and Play, FCC Class B certified, BSMI, GOST, SASO, SEMKO, PSB, DDC/CI, RoHS, Lead-Free, ISO 9001 |

#### Power

|                               |                         |
|-------------------------------|-------------------------|
| Power Supply                  | Internal                |
| Voltage Required              | AC 120/230 V (50/60 Hz) |
| Power Consumption Operational | 19.18 Watt              |
| Power Consumption Stand by    | 0.5 Watt                |
| On / Off Switch               | No                      |

#### Software / System Requirements

## What's in the box

Philips V-line 243V5LHAB  
Software

\*Tech Data is not responsible for errors in the documentation of products.