



Philips  
LCD monitor with LED  
backlight

**V Line**  
20 (Viewable 19.5"/49.5 cm)

**200V4LAB2**

## Enjoy great LED pictures in vivid colours

with stereo speakers

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

### **Vivid pictures every time**

- 16:9 display for great viewing experience
- LED technology for vivid colours
- SmartContrast for rich black details

### **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

# PHILIPS

LCD monitor with LED backlight  
V Line 20 (Viewable 19.5"/49.5 cm)

200V4LAB2/01

# 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.

## 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.

## 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

Small footprint saves space

## VESA mount

VESA mount allows for flexibility

## 16:9 display

16:9 display for great viewing experience

## Energy Star

Energy Star for energy efficiency and low power consumption



Hg Free



VESA Mount



ENERGY STAR



Low Power



LED



Built-in Speaker



5ms



10,000,000:1

SmartContrast

# 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: 19.5 inch / 49.5 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.32 x 0.31 mm
- Optimum resolution: 1600 x 900 @ 60 Hz
- Brightness (max.): 200 cd/m<sup>2</sup>
- Display colours: 16.7 M
- Contrast ratio (typical): 600:1
- SmartContrast: 10,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 90° (H)/65° (V), @ C/R &gt; 10
- Effective viewing area: 432.00 (H) x 239.76 (V)
- Scanning Frequency: 30-83 kHz (H) / 56-76 Hz (V)
- sRGB

## Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP
- Built-in Audio: 2.0 W x 2
- User convenience: Auto/Down, Brightness/Back, Menu/OK, Power On/Off, Volume/Up
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Turkish, Traditional Chinese, Ukrainian
- 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

- On mode: 16 W (typ.), 19 W (max.)
- Standby mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: E

## Dimensions

- Product with stand (mm): 479 x 369 x 201 mm
- Packaging in mm (W x H x D): 567 x 372 x 124 mm
- Product without stand (mm): 479 x 299 x 48 mm

## Weight

- Product with packaging (kg): 3.83 kg
- Product with stand (kg): 2.72 kg
- Product without stand (kg): 2.39 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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: Energy Star, RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

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

## Cabinet

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

## What's in the box?

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



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