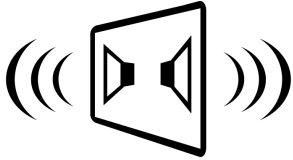# PHILIPS

LCD monitor with LED backlight

V Line

20 (19.5"/49.5 cm diag.)

200V4LAB2

Built-in Speakers

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

Experience multimedia
- Powerful sound with 2 x 2 watts RMS speakers

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

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

Specifications

Picture/Display
LCD panel type: TFT-LCD
Backlight type: W-LED system
Panel Size: 19.5 inch / 49.5 cm
Effective viewing area: 432.00 (H) x 239.76 (V)
Aspect ratio: 16:9
Optimum resolution: 1600 x 900 @ 60 Hz
Response time (typical): 5 ms
Brightness (max.): 200 cd/m²
SmartContrast: 10,000,000:1
Contrast ratio (typical): 600:1
Pixel pitch: 0.32 x 0.31 mm
Viewing angle: 90º (H)/65º (V), @ C/R > 10
Display colours: 16.7 M
Scanning Frequency: 30-83 kHz (H) / 56-76 Hz (V)
sRGB

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

Convenience
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)
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP

Stand
Tilt: -5/20 degree

Power
On mode: 16 W (typ.), 19 W (max.)
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): 479 x 369 x 201 mm
Product without stand (mm): 479 x 299 x 48 mm
Packaging in mm (W x H x D): 567 x 372 x 124 mm

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

Operating conditions
Temperature range (operation): 0℃ to 40℃ ℃
Temperature range (storage): -20℃ to 60℃ ℃
Relative humidity: 20%–80% %
Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF: 30,000 hour(s)

Sustainability
Environmental and energy: EPEAT Silver, Energy Star, RoHS, Lead-free, Mercury Free
Recyclable packaging material: 100 %

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

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

What's in the box?
Monitor with stand
Cables: VGA, Audio, Power
User Documentation

LED
Built-in Speaker
10,000,000:1 SmartContrast
5ms
Low Power
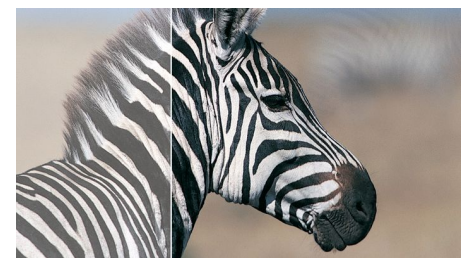Hg Free

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.

PHILIPS