



Philips

LCD monitor with LED backlight

- V-line
- 18.5"/47 cm

196V4LAB2/00

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!

Benefits

Vivid pictures every time

- LED technology for vivid colours
- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details

Modern design

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

Greener every day

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

Experience multimedia

- Powerful sound with 2 x 2 watts RMS speakers

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

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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.

Mercury Free

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

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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	18.5 inch/47 cm
Effective viewing area	409.8 (H) x 230.4 (V)
Aspect ratio	16:9
Optimum resolution	1366 x 768 @ 60 Hz
Response time (typical)	5 ms
Brightness	200 cd/m ²
SmartContrast Contrast ratio (typical)	10,000,000:1 600:1
Pixel pitch	0.30 x 0.30 mm
Viewing angle	90° (H)/65° (V) @ C/R > 10
Display colours	16.7 M
Scanning Frequency sRGB	30–83 kHz (H)/56–75 Hz (V) Yes

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	2.0W 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)

Plug and Play Compatibility	DDC/CI Mac OS X sRGB Windows 7 Windows XP
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Stand

Tilt	-5/20 degree
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Power

On mode	14.12 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)	443 x 349 x 201 mm
Product without stand (mm)	443 x 279 x 48 mm
Packaging in mm (W x H x D)	490 x 351 x 124 mm

Weight

Product with stand (kg)	2.98 kg
Product without stand (kg)	2.66 kg
Product with packaging (kg)	3.95 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	30,000 hour(s)

Sustainability

Environmental and energy
EnergyStar 5.0
EPEAT Silver
RoHS
Lead-free
Mercury Free
100 %

Recyclable packaging material

Compliance and standards

Regulatory Approvals
BSMI
CE Mark
FCC Class B
GOST

PSB
SASO
SEMKO
TUV/ISO9241-307
UL/cUL
WEEE

Cabinet

Colour
Finish

Black
Glossy (front bezel)/Textured (rear cover)



data subject to change
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