LCD monitor

• V Line
• 24 (23.6" / 59.9 cm diag.)

243V5LHAB5/89

Great LED images in vivid colors

with stereo speakers

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

Benefits

Vivid pictures every time
• LED technology for vivid colors
• 16:9 Full HD display for crisp detailed images
• SmartContrast for rich black details

Experience multimedia
• Built-in stereo speakers for multimedia
• HDMI-ready for Full HD entertainment

Great choice
• Mercury Free eco-friendly display
• Compact design saves space
• VESA mount allows for flexibility

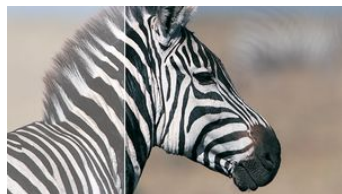**PHILIPS**

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.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

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.

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.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, 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 affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

Specifications

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Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	23.6 inch / 59.9 cm
Effective viewing area	521.28 (H) x 293.22 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	1 ms (Gray to Gray)*
Pixel Density	93 PPI
Brightness	250 cd/m²
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.272 x 0.272 mm
Viewing angle	170° (H) / 160° (V) @ C/R > 10
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -76 Hz (V)
sRGB	Yes

Connectivity

Signal Input	VGA (Analog)
	DVI-D (digital, HDCP)
	HDMI (digital, HDCP)
Sync Input	Separate Sync
	Sync on Green
Audio (In/Out)	PC audio-in
	Headphone out

Convenience

Built-in Audio	2.0W x 2
User convenience	Power On/Off
	Menu/OK
	Brightness/Back
	Volume/Up
	Auto/Down
OSD Languages	Brazil Portuguese
	Czech
	Dutch
	English
	Finnish
	French
	German
	Greek
	Hungarian
	Italian
	Japanese
	Korean
	Polish
	Portuguese
	Russian
	Spanish
	Simplified Chinese
	Swedish
	Turkish
	Traditional Chinese
	Ukranian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree

data subject to change
2019, April 12

Power

On mode	15.7 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	560 x 424 x 219 mm
Product without stand (mm)	560 x 348 x 53 mm
Packaging in mm (WxHxD)	608 x 419 x 121 mm

Weight

Product with stand (kg)	3.41 kg
Product without stand (kg)	3.02 kg
Product with packaging (kg)	4.69 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 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

MTBF	50,000 (Excluded backlight) hour(s)

Sustainability

Environmental and energy	EnergyStar 7.0 EPEAT Silver RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B TCO certified cETLus TUV/ISO9241-307 BSMI PSB RCM UKRAINIAN EPA KC KCC CECP WEEE

Cabinet

Color	Black
Finish	Hairline (front bezel) / Texture (rear cover)

* Response time value equal to SmartResponse

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