Philips
LED monitor with HDMI

E Line
24" (61 cm)

244EL2SB

Great entertainment on your big HDMI LED display

This Big 244EL2 HDMI Full HD multimedia LED display with stylish SmartTouch controls is ready to engage you in the gaming and movie world

Great picture quality
- Full HD LCD display, 1920 x 1080p resolution
- 16:9 display for best widescreen gaming and video
- SmartContrast 20,000,000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience

Design that complements any interior
- Stylish SmartTouch controls

Experience true multimedia
- HDMI-ready for top quality, multimedia experience

Great convenience
- Easy display performance tuning with SmartControl Lite
- Easy picture format control switching between wide and 4:3 formats

PHILIPS

Highlights

Full HD 1920 x 1080p LCD display

Enjoy crisp and crystal clear picture quality to give your audience a truly memorable visual experience. Your viewers will be treated to unsurpassed video, with an amazing colour gamut and the sharpest pictures around.

HDMI Ready

HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be 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).

16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

SmartContrast ratio 20,000,000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

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.

SmartTouch controls

SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

Easy picture format control

Widescreen format 4:3 format

Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.

LED White LED | Full HD 1080p | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE | SmartImage Lite | 20,000,000:1 SmartContrast | SmartTouch | 4:3 ⇌ wide

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244EL2SB/00

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 24 inch/61 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.276 x 0.276
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage Lite
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analogue), DVI-D (digital, HDCP), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio output: HDMI audio out (3.5 mm jack) x 1

Convenience
- User convenience: SmartImage Lite, SmartControl lite, Volume, Menu, Input, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: VESA mount (100 x 100 mm), Kensington lock
- Plug and Play Compatibility: DDC/CI, Windows 7 / Vista, Mac OS X, sRGB

Stand
- Tilt: -5/+20 degree

Power
- On mode: 22.8 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): 570 x 437 x 225 mm
- Product without stand (mm): 570 x 353 x 62 mm
- Packaging in mm (W x H x D): 626 x 500 x 171 mm

Weight
- Product with stand (kg): 4.9 kg
- Product without stand (kg): 4.5 kg
- Product with packaging (kg): 6.7 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: RoHS, EPEAT Silver, EnergyStar 5.0

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, GOST, UL/cUL, TCO 5.1

Cabinet
- Colour: Black/Black
- Finish: Glossy

Issue date 2017-08-04

Version: 3.0.1

12 NC: 8670 000 72557
EAN: 87 12581 58422 1

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