



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, 1920x1080p resolution
- 16:9 display for best widescreen gaming and video
- SmartContrast 20000000:1 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 in wide and 4:3 format

**PHILIPS**  
sense and simplicity

# Highlights

## Full HD 1920x1080p LCD display

This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

## HDMI Ready



A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

## 16:9 widescreen aspect ratio

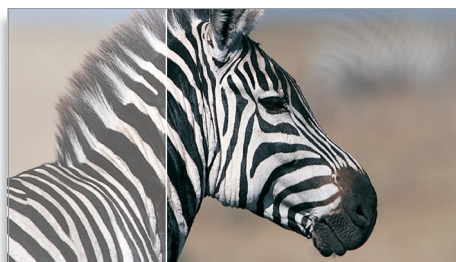
An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means

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 analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

## SmartContrast ratio 20000000:1



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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

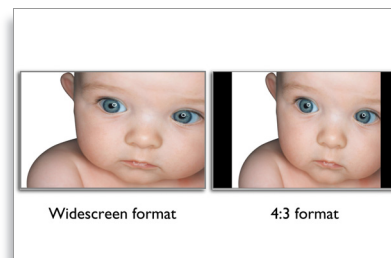
## SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, 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



Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.



# 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/m<sup>2</sup>
- 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 colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analog ), DVI-D (digital, HDCP), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio output: HDMI audio out (3.5 mm jack)x1

## 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 (100x100mm), Kensington lock
- Plug & 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 (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Dimensions

- Product with stand (mm): 570 x 437 x 225 mm
- Product without stand (mm): 570 x 353 x 62 mm
- Packaging in mm (WxHxD): 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

- Color: Black / Black
- Finish: Glossy



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