



Philips  
LCD monitor with HDMI,  
Audio, SmartTouch

61 cm (24") w E-line  
1920x1080 Full HD

244E1SB

## Big HDMI display for Full HD entertainment

Entertain yourself with 16:9 Full HD 1080p performance! Combined with HDMI and DVI inputs, invisible stereo audio and attractive Glossy finish, the 244E1 is ready to entertain you

### Great picture quality

- Full HD LCD display, 1920x1080p resolution
- 16:9 display for best widescreen gaming and video
- 5ms fast response time
- SmartContrast 25000:1 for incredible rich black details

### Design that complements any interior

- Glossy finish to enhance your decor

### Experience true multimedia

- HDMI-ready for top quality, multimedia experience
- Built in stereo audio for multimedia experience

### Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Easy picture format control switching in wide and 4:3 format
- Stylish SmartTouch controls

# PHILIPS

# Highlights

## Full HD 1920x1080p 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 color gamut and the sharpest pictures around.

## 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.

## Built-in stereo audio

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.

## SmartContrast ratio 25000:1



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.

## 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).

## Dual input



Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

## Glossy finish

An attractive, elegantly finished glossy finish that fits in with and complements your decor.

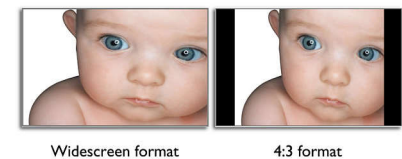
## SmartTouch controls



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.

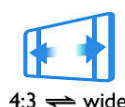
## Easy picture format control



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.

## 5ms on/off response time

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.



# Specifications

## Connectivity

- Signal Input: VGA (Analog ), DVI-D, HDMI
- Sync Input: Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 23.6 inch / 59.95 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Pixel pitch: 0.272 x 0.272 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.7 M
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB
- Built-in Audio: 2 W x 2
- User convenience: Input, Volume, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: VESA mount (100x100mm), Kensington lock

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: < 0.5 W
- On mode: < 30.9W (EnergyStar 5.0 test method)
- Power LED indicator: Operation - White, Standby/sleep-white (blinking)

## Dimensions

- Product with stand (mm): 400 x 561 x 210 mm
- Packaging in mm (WxHxD): 404 x 620 x 168 mm
- Product without stand (mm): 336 x 561 x 68 mm

## Weight

- Product with packaging (kg): 7.2 kg
- Product with stand (kg): 5.4 kg
- Product without stand (kg): 5.0 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, UL/cUL

## Cabinet

- Color: Black
- Finish: Glossy



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