



Philips
LCD monitor with HDMI,
Audio, SmartTouch

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
- Ultra-modern SmartTouch controls
- 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.

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



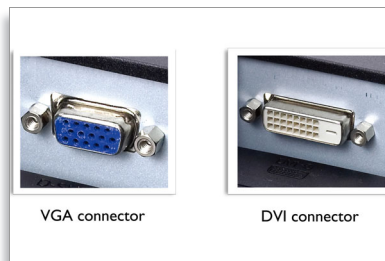
You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition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

HDMI Ready



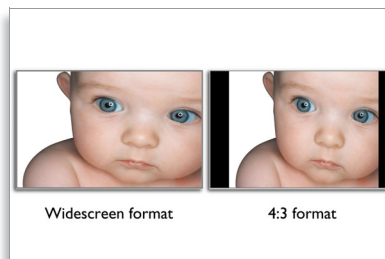
A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

Dual input



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

Easy picture format control



Philips auto 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
- Panel Size: 23.6 inch / 59.95 cm
- Aspect ratio: 16:9
- Pixel pitch: 0.272 x 0.272 mm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Brightness: 300 cd/m²
- SmartContrast: 25000:1
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity

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

Convenience

- 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
- Plug & Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB

Stand

- Tilt: -5/20 degree

Power

- Power LED indicator: Operation - Blue, Stand by/sleep -blue(blinking)
- On mode: <32W (EnergyStar 5.0 test method)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: < 0.5 W

Dimensions

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

Weight

- Product with stand (kg): 5.4 kg
- Product without stand (kg): 5.0 kg
- Product with packaging (kg): 7.2 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: 50,000 hour(s)

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



Issue date 2010-01-11

Version: 4.0.6

12 NC: 8670 000 53573
EAN: 87 12581 48790 4

© 2010 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com