Philips
LCD monitor with HDMI , Audio

58 cm (23") w E-line
1920x1080 Full HD

230E1HSB

HDMI display for Full-HD entertainment

Entertain yourself like never before with Full HD 1080p performance! Combined with HDMI and Digital inputs, front firing stereo audio and sleek Glossy design, the 230E1 is ready to rock your world.

Great picture quality
- Full HD LCD display, 1920x1080p resolution
- 5ms fast response time
- SmartContrast 25000:1 for incredible rich black details
- DVI signal input for full HD performance with HDCP

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
- Easy picture format control switching in wide and 4:3 format

PHILIPS

LCD monitor with HDMI , Audio
58 cm (23") w E-line 1920x1080 Full HD

230E1HSB/27

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.

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.

SmartContrast ratio 25000:1

With SmartContrast

Without SmartContrast

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

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).

Easy picture format control

Widescreen format 4:3 format

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.

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.

Full HD 1080p
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
5ms
25,000:1 SmartContrast
Built-in Audio
energy ENERGY STAR

LCD monitor with HDMI , Audio
58 cm (23") w E-line 1920x1080 Full HD

230E1HSB/27

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Panel Size: 23 inch / 58.42 cm
- Aspect ratio: 16:9
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Brightness: 300 cd/m²
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Optimum resolution: 1920 x 1080 @ 60Hz
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, HDMI
- Sync Input: Separate Sync, Sync on Green
- HDMI features: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p (support HDCP)

Convenience
- Built-in Audio: 2W x 2
- User convenience: SmartImage, Volume, Menu, Input, Auto, Power On/Off, On-screen Display
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 7/ Vista/XP/2000/98, sRGB

Stand
- Tilt: -5/20 degree

Power
- Power LED indicator: Operation - Blue, Stand by/ sleep -blue(blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- On mode: <29.8W (EnergyStar 5.0 test method)
- Off mode: < 0.5 W

Dimensions
- Product with stand (mm): 547 x 433 x 201 mm
- Product with stand in inch: 21.33 x 16.89 x 7.84 inch
- Product without stand (mm): 351 x 547 x 68 mm
- Product without stand in inch: 13.69 x 21.33 x 2.66 inch
- Packaging in mm (WxHxD): 596 x 495 x 134 mm
- Packaging in inch (WxHxD): 20.26 x 19.3 x 5.23 inch

Weight
- Product with stand (kg): 5.6 kg
- Product with stand (lb): 12.32 lb
- Product without stand (kg): 5.2 kg
- Product without stand (lb): 11.44 lb
- Product with packaging (kg): 7.3 kg
- Product with packaging (lb): 16.1 lb

Operating conditions
- Temperature range (operation): 0 - 40 °C
- Temperature range (storage): -20 - 60 °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, UL/ cUL

Cabinet
- Color: Black
- Finish: Glossy

Issue date 2017-07-28
Version: 5.0.5
12 NC: 8670 000 54986
UPC: 6 09585 17500 6

© 2017 Koninklijke Philips N.V.
All Rights reserved.
Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com