Philips
LCD monitor with
SmartTouch

23" (58.4 cm) E-line

Full HD

232E2SB

Great gaming experience on your big display

This big, elegant, 232E2 Full HD display with stylish SmartTouch controls, SmartContrast and SmartImage Lite is ready to engage you in the gaming world

Great picture quality
- Full HD LCD display, 1920x1080p resolution
- 16:9 display for best widescreen gaming and video
- SmartContrast 500,000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience

Design that complements any interior
- Sleek, elegant design complements your home decor
- Glossy finish to enhance your decor
- Stylish SmartTouch controls

Environmentally friendly green design
- Eco-friendly materials that meets international standards
- Lead-free design safeguards our environment

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

PHILIPS

sense and simplicity

Highlights

Sleek, elegant design

A sleek, elegant design look that complements home furnishings in any room.
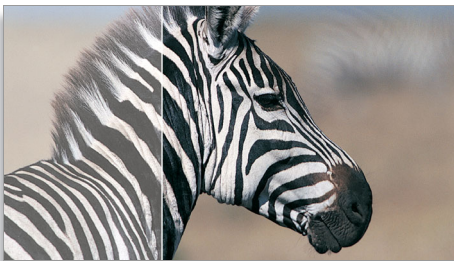
Full HD 1920x1080p LCD display

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.

SmartContrast ratio 500000:1

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.
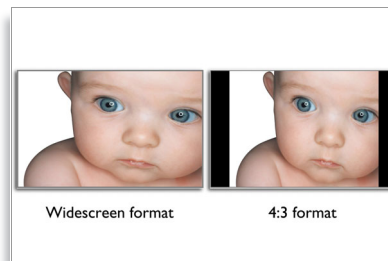
SmartTouch controls

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.

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.

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.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ http://www.asimpleswitch.com/global/ to learn more.

Lead-free

Lead-free display products are designed and produced in compliance with strict European Community directives on Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Full HD 1080p   500,000:1 SmartContrast   SmartImage Lite   SmartTouch   5ms   4:3 ⇌ wide   Lead Free!   Compatible with Windows 7

Specifications

Picture/Display
• LCD panel type: TFT-LCD
• Panel Size: 23 inch / 58.4 cm
• Aspect ratio: 16:9
• Optimum resolution: 1920 x 1080 @ 60Hz
• Response time (typical): 5 ms
• Brightness: 300 cd/m²
• SmartContrast: 500,000:1
• Pixel pitch: 0.265 x 0.265 mm
• 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)
• Sync Input: Separate Sync, Sync on Green

Convenience
• User convenience: SmartImage lite, Input, Power On/Off, 4:3 / Wide, Menu
• OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, 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 degree

Power
• On mode: 32 W (EnergyStar 5.0 test method)
• Standby mode: 0.5W
• 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): 566 x 435 x 225 mm
• Product with stand in inch: 22.28 x 17.13 x 8.86 inch
• Product without stand (mm): 566 x 360 x 62 mm
• Product without stand in inch: 22.83 x 14.17 x 2.44 inch
• Packaging in mm (WxHxD): 612 x 495 x 151 mm
• Packaging in inch (WxHxD): 24.09 x 19.49 x 5.94 inch

Weight
• Product with stand (kg): 4.57 kg
• Product with stand (lb): 10.05 lb
• Product without stand (kg): 4.19 kg
• Product without stand (lb): 9.22 lb
• Product with packaging (kg): 6.50 kg
• Product with packaging (lb): 14.30 lb

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: RoHS, EPEAT Silver, EnergyStar 5.0
• Recyclable packaging material: 100 %

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

Cabinet
• Color: Black/Black
• Finish: Glossy

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