Philips Brilliance
LCD monitor

58 cm (23") w C-line

Full HD

Brilliance

230C1HSB

Ultimate HDMI LCD for Full-HD multimedia enjoyment

Experience brilliant performance with this stylishly glossy and stunning Full HD 1080p display! Immerse yourself in the multimedia experience with superb features like HDMI input, powerful front stereo audio, USB port and 2ms response time.

Best picture quality
- Full HD LCD display, 1920x1080p resolution
- SmartResponse of 2ms
- SmartContrast 30000:1 for incredible rich black details
- SmartImage: Optimized user friendly display experience
- TrueVision: Laboratory quality display performance

Designed for elegance
- Chic dual-tone and high gloss design enhance your home 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
- USB port to enhance multimedia experience

PHILIPS

sense and simplicity

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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.

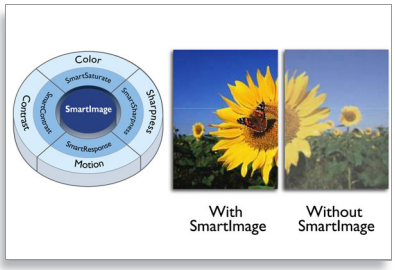
SmartResponse - 2ms

SmartResponse is a exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies which require faster response times in order to produce judder, time-lag and ghost image free images

SmartContrast ratio 30000:1

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

SmartImage

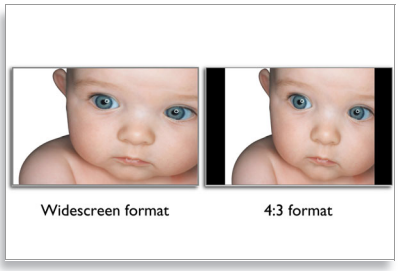


SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

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.

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.

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
Smart Response
30,000:1 SmartContrast
Built-in Audio
CERTIFIED FOR Windows Vista®

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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
- Brightness: 300 cd/m²
- SmartContrast: 30000:1
- Contrast ratio (typical): 1000:1
- SmartResponse: 2 ms (Gray to Gray)
- Response time (typical): 5 ms
- Optimum resolution: 1920 x 1080 @ 60Hz
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, HDMI
- USB: USB 2.0 x 1
- 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
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, sRGB

Stand
- Tilt: -5/20 degree

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

Dimensions
- Product with stand (mm): 547 x 433 x 201 mm
- Product without stand (mm): 433 x 547 x 20 mm
- Packaging in mm (WxHxD): 134 x 495 x 596 mm

Weight
- Product with stand (kg): 5.6 kg
- Product without stand (kg): 5.2 kg
- Product with packaging (kg): 7.3 kg

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, Energy Star

Compliance and standards
- Regulatory Approvals: CE Mark, FCC, Class B, TCO '06, UL/cUL

Cabinet
- Color: Black
- Finish: Glossy

Issue date 2011-06-07

Version: 3.0.6

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EAN: 87 12581 47665 6

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