



LCD monitor with Ambiglow

- Gioco
- 27" (68.6 cm)
- Ambiglow display

278C4QHSN/01

Brilliant Ambiglow display

for immersive entertainment

Intensify your viewing experience with this iconic Philips Gioco display with Ambiglow. By creating an image-matching halo of light on the rear wall, the innovative Ambiglow visually enlarges the screen, giving you truly immersive entertainment

Benefits

Brilliant Ambiglow performance

- Ambiglow intensifies entertainment with a halo of light
- Smart Bias 6500K lighting ensures optimum viewing experience
- AH-IPS display for brilliant images with vivid colours
- Adjust ambience to your liking and reduce eye fatigue

Easy to experience

- HDMI ensures universal digital connectivity
- SmartImage: Optimised user-friendly display experience

- SmartKolor for rich vibrant images
- SmartTxt for an optimised reading experience

Iconic design reflects your lifestyle

- Minimalistic looks with Ultra-Narrow Bezel
- Iconic design with diamond-faceted back
- Superb dark bronze glossy finish

PHILIPS

Features

Ambiglow



Ambiglow adds a new dimension to your viewing experience. The innovative Ambiglow technology enlarges the screen by creating a halo of light on the surrounding wall from the rear of the monitor. Its fast processor analyses the incoming image content and continuously adapts the colour and brightness of the emitted light to match the image. User-friendly options allow you to adjust the ambience to your liking and also help reduce eye fatigue. Especially suitable for watching movies or sport or playing 2D or 3D games, Philips Ambiglow offers you a unique and immersive viewing experience.

Smart Bias light

Smart Bias lighting mode enables you to enjoy optimum image quality with viewing comfort. In a dark room, your eyes dilate and constrict with the constantly changing images, which may lead to Computer Vision Syndrome. Smart Bias light creates a soft halo of static 6500k white light on the surrounding wall around the monitor. Especially suitable for people who spend extended periods of time looking at their display, it not only helps reduce eye strain and fatigue, but also eliminates reflections and glare from room lighting, enhancing perceived contrast ratio and picture details and preserving correct colour perception.

AH-IPS technology



This latest Philips display uses advanced AH-IPS panels, resulting in superior colour reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent colour even at 178-degree wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding colour accuracy and consistent brightness at all times, such as photo retouching, graphics applications and web browsing.

Ultra-Narrow Bezel

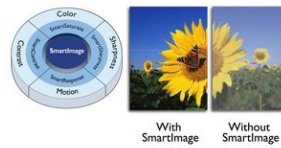
Utilising the latest technology panels, the new Philips displays are designed with a minimalistic approach by limiting the outer bezel thickness to about 2.5 mm. Combined with an in-panel black matrix strip of around 9 mm, the overall bezel dimensions are reduced significantly, minimising distractions and maximising viewing size. Especially suited to multi-display or tiling setups like gaming, graphics design and professional applications, the Ultra-narrow bezel display gives you the feeling of using one large display.

HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be 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).

SmartImage



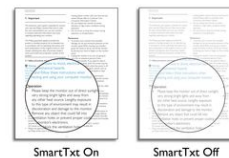
SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour 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!

SmartKolor



SmartKolor is a sophisticated colour extension technology that is able to enhance the visual colour range of the display. By boosting the RGB gain level of the display, you can achieve rich, vibrant images to experience outstanding photos and videos.

SmartTxt



SmartTxt is a sophisticated algorithm that enhances reading of text-based applications such as PDF documents and eBooks, which usually requires more focus and concentration. The SmartTxt feature increases the contrast and boundary sharpness of text content for better readability. Optimisation for reading is achieved by adjusting the display's grey level scale along with white balance, brightness and contrast.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Ambiglow

Ambiglow features	Auto (on) Variable brightness control, Smart Bias Light
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Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	External 100-240 VAC, 50-60 Hz

Picture/Display

LCD panel type	IPS LCD
Backlight type	W-LED system
Panel Size	27 inch/68.6 cm
Effective viewing area	597.89 (H) x 336.31 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
SmartResponse (typical)	5 ms (Grey to Grey)
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.311 x 0.311 mm
Viewing angle	178° (H)/178° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colours	16.7 M
Scanning Frequency sRGB	30 - 83 kHz (H)/56 -75 Hz (V) Yes

Connectivity

Signal Input	VGA (Analogue) HDMI x 3
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	HDMI audio out

Convenience

User convenience	Ambiglow SmartImage Menu Power On/Off Input
OSD Languages	English French German Italian Portuguese Russian Simplified Chinese Spanish
Other convenience	Kensington lock
Plug and Play	DDC/CI
Compatibility	Mac OS X sRGB Windows 8/7/Vista

Stand

Tilt	-5/20 degree
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Power

On mode	28.2 W (typ.) (EnergyStar 5.0 test method)
Standby mode	0.4 W
Off mode	0.3 W

Dimensions

Product with stand (mm)	623 x 471 x 197 mm
Product without stand (mm)	623 x 376 x 44 mm
Packaging in mm (W x H x D)	668 x 527 x 100 mm

Weight

Product with stand (kg)	5.44 kg
Product without stand (kg)	5.00 kg
Product with packaging (kg)	8.84 kg

Operating conditions

Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20–80% %
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	EPEAT Silver RoHS EnergyStar 5.0 Lead-free Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST SASO SEMKO TCO 5.2 TUV/ISO9241-307 UL/cUL WEEE
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Cabinet

Front bezel	Dark Bronze
Rear cover	Dark Bronze
Foot	Dark Bronze
Finish	Glossy

* Avoid looking directly at the Ambiglow LEDs as they are very bright and may cause temporary blurred vision.



data subject to change
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