High performance AMVA display

for super high contrast, vivid images

Experience super high contrast images on this AMVA LED display. With a big size, wide-viewing angle and bright, vivid pictures it is ready to entertain you.

Great picture quality
- SmartContrast 20000000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience
- 16:9 Full HD resolution for gaming and video
- AMVA LED for wide-view super-high contrast, vivid images

Design that complements any interior
- Glossy finish to enhance your decor
- Modern Touch controls

Experience true multimedia
- Built in stereo audio for multimedia experience
- HDMI-ready for Full HD entertainment

Great convenience
- Easy picture format control switching in wide and 4:3 format
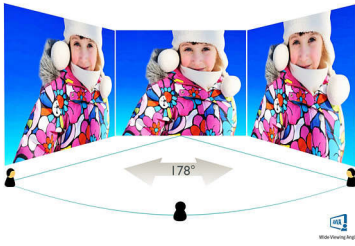- Easy display performance tuning with SmartControl Lite

PHILIPS

Highlights

AMVA LED display

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode

Full HD LCD display 1920x1080

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and 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).
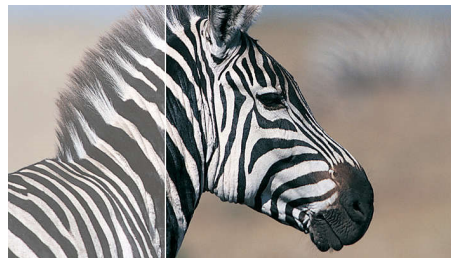
Built-in stereo audio

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.

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.

SmartContrast ratio 20000000:1

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.
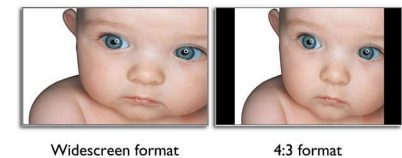
SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

Touch controls

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch,Touch control gives the monitor a modern feel.

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.

Glossy finish

An attractive, elegantly finished glossy finish that fits in with and complements your decor.

Wide Viewing Angle | HIGH DEFINITION MULTIMEDIA INTERFACE | Built-in Audio | SmartImage Lite | 20,000,000:1 SmartContrast | SmartControl lite | Touch control | 4:3 ⇌ wide | Built-in Speaker | Full HD 1080p

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Headphone out, PC audio-in

Picture/Display
- Panel Size: 27 inch / 68.6 cm
- Aspect ratio: 16:9
- LCD panel type: AMVA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 300 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 5000:1
- SmartContrast: 20,000,000:1
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Effective viewing area: 597.6(H) x 336.2(V) mm
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB
- SmartResponse (typical): 6 ms (Gray to Gray)

Convenience
- Built-in Speakers: 2Wx2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7
- User convenience: Menu, Power On/Off, Input, SmartImage lite, Volume
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock, VESA mount (100x100mm)

Stand
- Tilt: -5/20 degree

Power
- Power supply: 100-240VAC, 50/60Hz, Built-in
- Off mode: <0.3 W
- On mode: 25.5 W (EnergyStar 5.0 test method)
- Standby mode: <0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 642 x 440 x 227 mm
- Packaging in mm (WxHxD): 700 x 525 x 138 mm
- Product without stand (mm): 642 x 391 x 64 mm

Weight
- Product with packaging (kg): 8.82 kg
- Product with stand (kg): 8.2 kg
- Product without stand (kg): 6.5 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: EnergyStar 5.0, EPEAT Silver, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO 5.2, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet
- Color: Black
- Finish: Texture

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