



Philips Brilliance
LCD monitor with
PerfectKolor Technology

P Line
27" (68.6 cm)
Adobe RGB



272P4APJKB

Perfect Color

you know it when you see it

Get the perfect results you're looking for. This professional display delivers CrystalClear Quad HD images. PerfectKolor Technology ensures factory-calibrated 99% AdobeRGB color space and a billion colors for perfect results.

Designed for the way you work

- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- SmartConnect with HDMI, Display port and Dual link DVI
- SmartErgoBase enables people-friendly ergonomic adjustments
- USB 3.0 enables fast data transfers and smart phone charging
- Webcam with mic to connect and collaborate
- Shading hood to control light for color-critical work

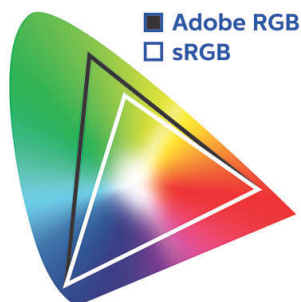
Brilliant performance with PerfectKolor

- 1.074 billion colors for smooth color gradations and detail
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Precision-ready - Factory-color calibration with report
- IPS technology for full colors and wide viewing angles
- Less eye fatigue with Flicker-free technology
- SmartUniformity for consistent images

PHILIPS

Highlights

PerfectKolor for exact results

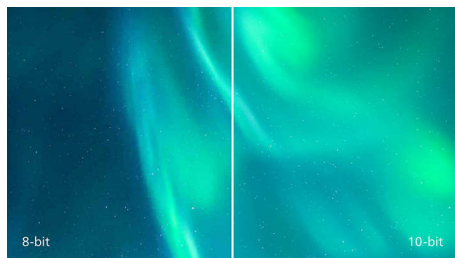


The perfect color, you know it when you see it. These new monitors feature high quality brilliant panels for rich accurate color from every angle. Know that your color is consistent with professional industry-standard color, 99% Adobe RGB and 100% sRGB. Out of the box color precision with factory color calibration and a factory calibration report give you confidence right from the start. Adjust the color to your exact standards with six axis custom color adjustment. Save time and money with Philips monitors with PerfectKolor Technology.

Six axis custom color

Six axis custom color adjustment

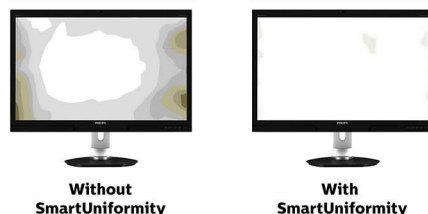
10-bit colors



The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal

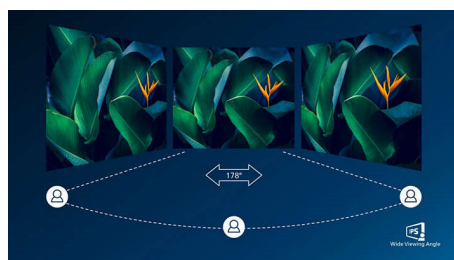
processing for re-creating smooth, natural colors without gradations and color banding.

SmartUniformity



Fluctuations in brightness and color on LCD screens are a common phenomenon. Philips SmartUniformity mode delivers accurate images in terms of brightness; which is crucial for photography, design, and printing. With a color metric to assess color accuracy, this mode is calibrated to meet average luminance uniformity is greater than 95%. Selecting this mode will produce uniform and accurate images.

IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for

professional applications which demand color accuracy and consistent brightness at all times.

Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.



Specifications

Connectivity

- Signal Input: DVI-Dual Link (digital, HDCP), DisplayPort x 1, HDMI x 2
- USB: USB 3.0 x 3
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display

- Panel Size: 27 inch / 68.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.233 x 0.233 mm
- Optimum resolution: 2560 x 1440 @ 60Hz
- Brightness: 350 cd/m²
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): Adobe RGB 99%
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000 :1
- Response time (typical): 5 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 596.7 (H) x 335.6 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Convenience

- Built-in Speakers: 2 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: SmartImage, Menu, Multiview, Power On/Off, User
- OSD Languages: English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl Premium
- MultiView: PIP/PBP mode, 2x devices
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator

Stand

- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

- ECO mode: 25 W (typ.)

- Power supply: 100-240VAC, 50-60Hz, External
- Off mode: <0.3 W (typ.)
- On mode: 57.6 W (typ.)
- Standby mode: <0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

- Packaging in mm (WxHxD): 750 x 490 x 295 mm
- Product without stand (mm): 639 x 405 x 64 mm
- Product with stand(max height): 639 x 580 x 273 mm

Weight

- Product with packaging (kg): 13.8 kg
- Product with stand (kg): 7.5 kg
- Product without stand (kg): 5.1 kg

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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: PowerSensor, RoHS, TCO Certified Edge
- Post consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, WEEE, CU-EAC

Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

Accessories

- Shading hood

What's in the box?

- Cables: DVI, HDMI, DP, Audio, USB, Power
- Monitor with stand
- User Documentation



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* Response time value equal to SmartResponse