



Philips Brilliance
LCD monitor with
PerfectKolor Technology

P Line
27" (68.6 cm)
Adobe RGB



272P4APJKHB

Perfect Colour

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 colour space and a billion colours 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 user-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 colour-critical work

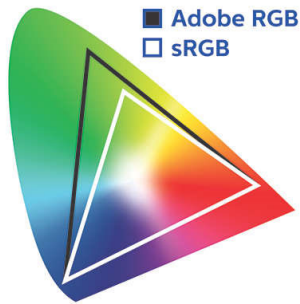
Brilliant performance with PerfectKolor

- 1.074 billion colours for smooth colour gradations and detail
- Crystal clear images with Quad HD 2560 x 1440 pixels
- Precision-ready - Factory-colour calibration with report
- IPS technology for full colours and wide viewing angles
- Less eye fatigue with Flicker-Free technology
- SmartUniformity for consistent images

PHILIPS

Highlights

PerfectKolor for exact results

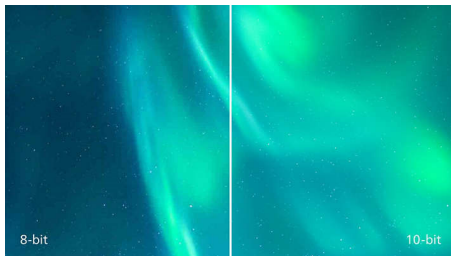


The perfect colour: You know it when you see it. These new monitors feature high-quality brilliant panels for rich, accurate colour from every angle. Know that your colour is consistent with professional industry-standard colour: 99% Adobe RGB and 100% sRGB. Out-of-the-box colour precision with factory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

Six-axis custom colour

Six-axis custom colour adjustment

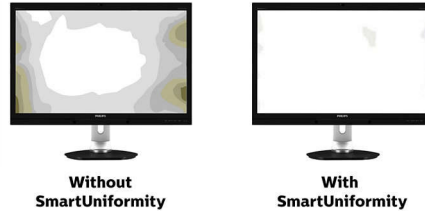
10-bit colours



The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural

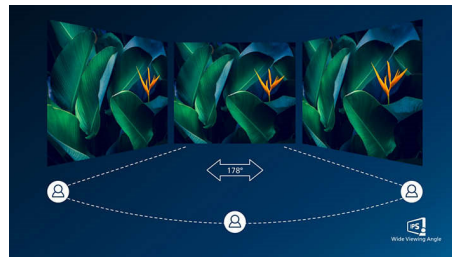
colours without gradations and colour banding.

SmartUniformity



Fluctuations in brightness and colour 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 colour metric to assess colour accuracy, this mode is calibrated to meet average luminance uniformity of more than 95%. Selecting this mode will produce uniform and accurate images.

IPS technology



IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, 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 colours, making it ideal not only for Photos, films and web browsing, but also for

professional applications that demand colour accuracy and consistent brightness at all times.

CrystalClear images



These latest Philips screens deliver CrystalClear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising high-performance panels with a high-density pixel count, enabled by high-bandwidth sources like DisplayPort, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are a 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 colours: Colour support 1.07 billion colours
- Colour gamut (typical): Adobe RGB 99%
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 5 ms (Grey to Grey)*
- 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 and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: SmartImage, Menu, Multi-view, 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 (100 x 100 mm)
- Control software: SmartControl Premium
- MultiView: PIP/PBP mode, 2 x 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: 100–240 VAC, 50–60 Hz, External
- Off mode: $\leq 0.3\text{ W}$ (typ.)
- On mode: 57.6 W (typ.)
- Standby mode: $\leq 0.5\text{ W}$ (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Packaging in mm (W x H x D): 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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



Issue date 2024-03-24

Version: 6.0.1

EAN: 87 12581 72571 6

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* Response time value equal to SmartResponse