



## Philips

LCD monitor with PerfectKolor Technology

- P Line
- 27" (68.6 cm)
- Adobe RGB

272P4APJKEB/27

# 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.

## Benefits

### Brilliant performance with PerfectKolor

- Pro color standards 99% AdobeRGB, 100% sRGB
- Six axis custom color adjustment
- 1.074 billion colors for smooth color gradations and detail
- SmartUniformity for consistent images
- IPS technology for full colors and wide viewing angles
- Crystalclear images with Quad HD 2560x1440 pixels
- Less eye fatigue with Flicker-free technology
- Precision-ready - Factory-color calibration with report

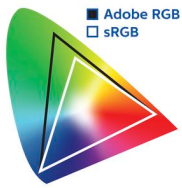
### Designed for the way you work

- SmartErgoBase enables people-friendly ergonomic adjustments
- MultiView enables active dual connect and view at same time
- Webcam with mic to connect and collaborate
- Built-in stereo speakers for multimedia
- USB 3.0 enables fast data transfers and smart phone charging
- SmartConnect with HDMI, Display port and Dual link DVI

# PHILIPS

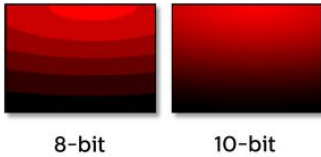
## Features

### PerfectKolor for exact results



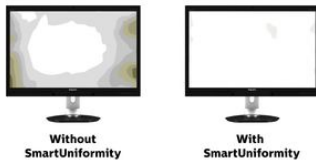
The perfect color, you know it when you see it. These new monitors feature high quality brilliant panels for rich accurate color from every angle. Know that your color is consistent with professional industry-standard color, 99% Adobe RGB and 100% sRGB. Out of the box color precision with factory color 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.

### 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 latest 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 Displayport, HDMI, Dual link DVI, 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.

### SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

### MultiView technology

With the ultra high resolution Philips MultiView display you can now experience a world of connectivity in a comfortable way whether at office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feed from your set-top box on right side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

### Webcam

Embedded webcam and microphone enables you to view and communicate with your colleagues and clients. This simple solution allows you to collaborate and share, saving precious time and travel related costs.

### Built-in stereo speakers

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.

### USB 3.0 super speed

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time saving you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard allowing you to use the large capacity storage devices. Sync-N-Go technology ensures you don't have to wait anymore for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backward compatible.

### SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like Dual link DVI, Display Port, universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. USB 3.0 option ensures that you can have super speed data transfers while

having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

## 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.

### Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	27 inch / 68.6 cm
Effective viewing area	596.7 (H) x 335.6 (V)
Aspect ratio	16:9
Optimum resolution	2560 x 1440 @ 60Hz
Response time (typical)	5 ms (Gray to Gray)*
Brightness	350 cd/m <sup>2</sup>
Contrast ratio (typical)	1000:1
SmartContrast	50,000,000 :1
Pixel pitch	0.233 x 0.233 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Picture enhancement	SmartImage
Display colors	Color support 1.07 billion colors
Color gamut	Adobe RGB 99%
Scanning Frequency sRGB	30 - 83 kHz (H) / 56 - 76 Hz (V) Yes

### Connectivity

USB	USB 3.0 x 3
Signal Input	DVI-Dual Link (digital, HDCP) DisplayPort HDMIx2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

### Convenience

Built-in Speakers	2 W x 2
Built-in webcam	2.0 megapixel camera with microphone and LED indicator
MultiView	PIP/PBP mode 2x devices
User convenience	SmartImage Menu Multiview Power On/Off User
Control software	SmartControl Premium
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)
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 8.1 / 8 / 7

### Stand

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

### Power

ECO mode	25 W (typ.)
On mode	57.6 W (typ.)
Standby mode	<0.5 W (typ.)
Off mode	<0.3 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	100-240VAC, 50-60Hz External

### Dimensions

Product with stand(max height)	639 x 580 x 273 mm
Product without stand (mm)	639 x 405 x 64 mm
Packaging in mm (WxHxD)	750 x 234 x 490 mm
Packaging in inch (WxHxD)	29.5 x 9.2 x 19.3 inch
Product with stand(max height)	25.2 x 22.8 x 10.7 inch
Product without stand in inch	25.2 x 15.9 x 2.5 inch

### Weight

Product with stand (kg)	7.5 kg
Product with packaging (kg)	10.35 kg
Product with packaging (lb)	22.77 lb
Product with stand (lb)	16.50 lb
Product without stand (kg)	5.1 kg
Product without stand (lb)	11.22 lb

### Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °C
Relative humidity	20%-80 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

### Sustainability

Environmental and energy	PowerSensor RoHS TCO edge
Recyclable packaging material	100 %
Post consumer recycled plastic	65%
Specific Substances	PVC / BFR free housing Mercury free Lead free

Compliance and standards

Regulatory Approvals BSMI  
CE Mark  
cETLus  
FCC Class B  
GOST  
SASO  
SEMKO  
TUV Ergo  
TUV/GS

WEEE  
CU-EAC

Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* Response time value equal to SmartResponse



data subject to change  
2016, May 28

Version: 5.0.1  
UPC: 609585242234

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