

PV270

Video Editing Monitor



Professional-Level Imaging with DCI-P3 and Rec.709 Color

Uncompromising color performance and powerful calibration tools make the PV270 ideal for video post-production workflows. The BenQ PV270 provides industry color standards support including Rec.709, DCI-P3 and Adobe RGB

Reliable Color Throughout the Workflow

The BenQ PV270's comprehensive and rigorous approach to color management helps ensure color is reproduced consistently throughout the video post-production workflow. From the rough cut phase, through the addition of effects, color correction, and compositing, to the output stage, color is rendered with pinpoint accuracy so that results match intent perfectly.

Software Calibration

Joint-developed with X-rite, the global leader in color science and technology, Palette Master is bundled software that can validate calibration settings. A user-friendly interface and a variety of adjustment parameters make it a snap to set a customized profile for any job.

Rec.709 and DCI-P3 Color Gamut

The PV270 provides 100% coverage of the Rec. 709 and 96% of the DCI-P3 standards, ensuring output for high-definition television and digital cinema matches the colors you have defined. The PV270 also provides 99% coverage of the Adobe RGB color space designed to encompass most of the colors producible for graphic art professionals.

Hardware Calibration

Hardware calibration allows you to adjust the monitor's image processing chip without changing graphics card output data. Calibration keeps images consistent with originals without being affected by graphics settings. Two monitor preset modes allow calibration results to be saved directly into the monitor.

GamutDuo

GamutDuo enables you to view video simultaneously in different color spaces side-by-side for added comparison convenience and reliability.

14-bit 3D Look Up Table & Delta E≤1.5

With the 14-bit 3D Look Up Table (LUT), monitors can display the most accurate color mixture. 14-bit 3D LUT improves RGB color blending accuracy, resulting in impeccable color and gray tone reproduction. BenQ PV270 monitor features Delta E≤1.5 in Rec. 709, DCI-P3 and Adobe RGB color spaces to ensure colors are displayed accurately in every stage of video editing workflow.

Key Features

- 27" Screen
- 2560 x 1440 QHD Resolution
- 100% Rec. 709, 96% DCI-P3 colour gamut, 99% Adobe RGB and IPS Technology
- Brightness uniformity
- Technicolor Color certified

SPECIFICATIONS

Product Color	Black
Back Light Unit	LED
LCD Size	27" Wide
Aspect Ratio	16:9
Native Resolution	2560 x 1440
Display Area	23.5" x 13.2"
Pixel Pitch (mm)	0.233
Brightness (typ.)	250 cd/m ²
Contrast (typ.)	1,000:1
Dynamic Contrast Ratio (typ.)	20M:1
Viewing Angle	178/178
Response Time	4ms (GtG)
Display Colors	1.07 Billion
Color Gamut	100% Rec.709/sRGB, 99% Adobe RGB, 96% DCI-P3
TCO	TCO 6.0
Input Connector	DVI-DLx1/ HDMI 1.4x1/ DP1.2x1/mDP1.2x1
Dimensions (WxHxD)	High: 21.7" x 25.1" x 10" (552.55 x 639 x 254.02mm) Low: 16.4" x 25.1" x 10" (417.55x639x254.02mm)
Weight	26.7 lb (12.1 kg)
Power Consumption	51.77W (Uniformity on)

SPECIAL FEATURES

Eco Sensor	Yes
Eye Protect Sensor	Yes
Touch Control Key	Yes
AC Switch	Yes
K Locker	Yes
Technicolor	Yes
Window®7, 8, 8.1, 10 Compatible	Yes
Mac compatible	Yes
HW Calibration	Yes
Brightness Uniformity	Yes
Color Temperature Sensor	Yes
Backlight Sensor	Yes
Pivot	90°
Height Adjustment (mm)	135mm

