700 Series Monitors

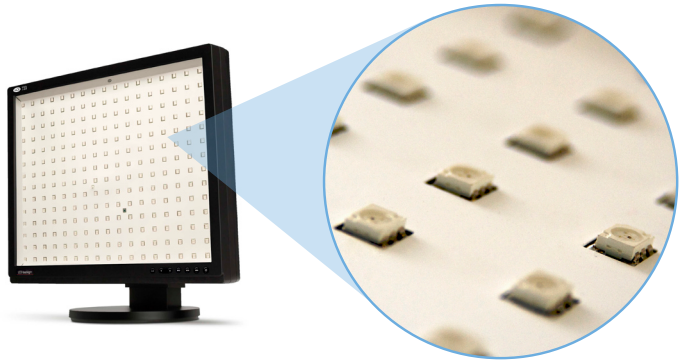
High Fidelity Color

A Perfect Match For

- Color Critical Applications
- Professional Retouching
- Soft-Proofing
- Prepress

New RGB-LED-Backlit Technology

At the heart of LaCie's 700 Series Monitors beats a ground-breaking technology: an RGB-LED-based backlight unit producing purer red, green and blue primaries, resulting in a larger range of vibrant colors previously unattainable by CCFL-based LCD monitors. In combination with the deep black, high contrast and excellent viewing angles offered by VA LCD technology, this offers a color experience that is truer to life than ever before.

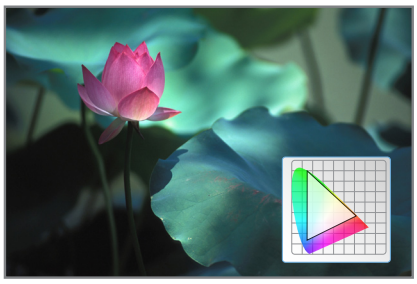


RGB-LED-backlit technology is more environmentally friendly than traditional backlights as they contain neither mercury nor halogens. They also offer a longer lifetime and even consume less power.

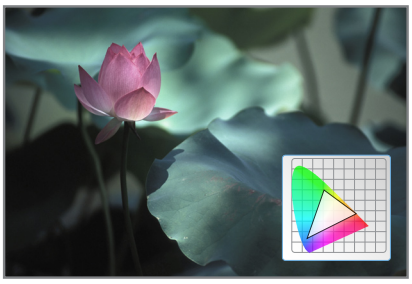
Broadest Gamut

A critical benefit of RGB-LEDs is the wide color gamut they deliver. Thanks to this, the LaCie 700 Series Monitors display up to 123% of the NTSC gamut, exceeding Adobe RGB and ISO Coated color spaces.

Colors that you could only imagine now become fully visible.



Wide Gamut: Even the most saturated colors can be displayed.

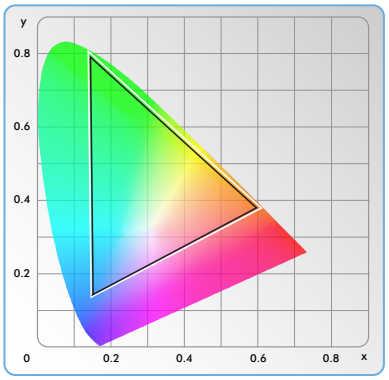


Narrow Gamut: Out-of-gamut colors need to be mapped, resulting in color loss.

Lossless Workflow

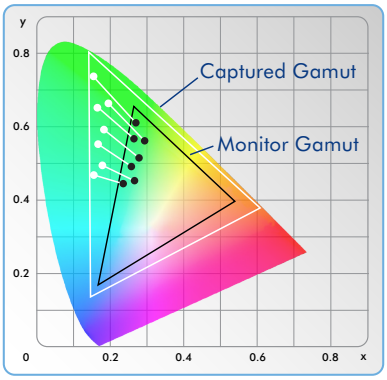
Up until now, the monitor has always been the bottleneck of the professional workflow. Because its gamut was significantly smaller than that of professional cameras and print processes, some captured colors were impossible to display. These colors needed to be either ignored or mapped to a smaller gamut. They could easily be damaged during the retouching process because the colors being retouched were not the original colors. Or worse, they could be totally lost. Another consequence of the smaller monitor gamut was the difficulty of displaying reliable softproofs.

Wide Gamut Workflow



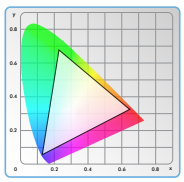
The monitor gamut and captured gamut closely fit together. Virtually no gamut mapping is needed.

Narrow Gamut Workflow

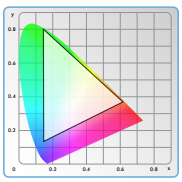


Gamut mapping is needed because the monitor's gamut is smaller than the captured gamut.

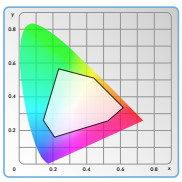
Now, with such a wide monitor gamut, almost no gamut mapping is needed. Literally all captured colors can be displayed and softproofs are closer than ever to the final printout. For the first time, the door to a lossless workflow has been opened.



Adobe RGB



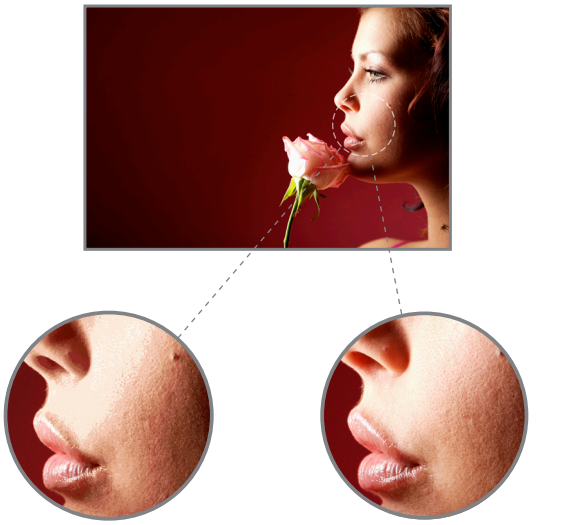
700 Series



ISO Coated

Smooth Color Gradients

Thanks to an embedded gamma correction circuitry containing 14-bit lookup tables, the LaCie 700 Series Monitors calculate color transitions that are 64 times more precise than on regular 8-bit monitors. This results in a subtle rendition of delicate gradients such as what would be needed for the skin tones found in portrait photography and other demanding graphic applications. These lookup tables can also be programmed by a LaCie blue eye colorimeter, enabling true hardware calibration of your monitor.



Banding can be caused by large steps in monitor color response curves.

14-bit gamma correction virtually eliminates banding by finely adjusting color transitions.

Backlight Stabilizer: ColorKeeper

LaCie's advanced backlight stabilizer technology—ColorKeeper is featured with the LaCie 700 Series Monitors. ColorKeeper is based on an embedded sensor, which constantly analyzes the brightness and chromaticity of the backlight and adjusts it in real time. This ensures stable colors and brightness throughout the monitor's lifetime and drastically reduces warm-up time.

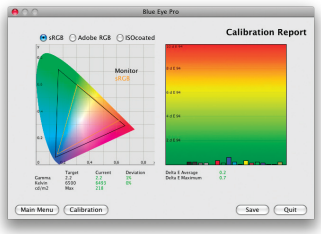
Complete Calibration Solution

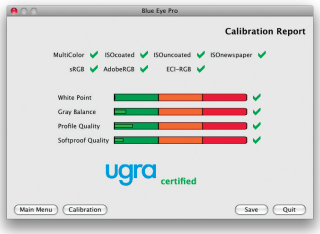
LaCie blue eye pro calibration software automatically adjusts your display's color characteristics to any White Point, Gamma and Luminance values you choose and creates an ICC Profile that provides full integration into an ICC workflow.

LaCie blue eye software offers a clear, easy-to-understand interface and performs calibration precisely and easily. The LaCie blue eye pro colorimeter also features a complete range of advanced color management tools such as Test and Report and Dynamic Profile Selection. It even supports dual monitor configurations.

LaCie blue eye – Proof Edition

The new Proof Edition of the LaCie blue eye pro calibration solution incorporates a new feature developed in collaboration with UGRA - the Swiss Centre of Competence for Media and Printing Technology that is especially relevant for soft-proofing. Embedded in the LaCie blue eye pro Test & Report menu, the UGRA Display Analysis and Certification Tool (UDACT) allows the most demanding user to perform color accuracy verifications based on the color patches of the widely accepted UGRA/FOGRA Mediawedge to ensure that a calibrated monitor is suitable for soft-proofing according to ISO 12646 requirements. The test also controls the homogeneity of the panel and gray balance precision.





Exclusive LaCie easyHood

The original LaCie easyHood reduces glare and limits the influence of surrounding ambient light thanks to its black anti-reflective material. Its retractable hook makes it easy to attach the optional LaCie blue eye colorimeter. The easyHood's sturdy, one-piece hinged design ensures a stable and easy fit on the monitor.

3 YEAR ADVANCE REPLACEMENT WARRANTY

The LaCie 700 Series Monitors come with a 3 Year Limited Warranty with Advance Replacement. LaCie offers first-rate service and support through our generous warranty policy, which includes comprehensive, complimentary web-based resources, expert in-house technical support, and worldwide repair and/or replacement coverage.

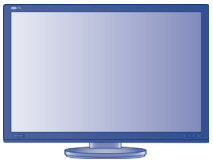
Under the Advance Replacement policy, LaCie will swap out a product without it needing to be returned first for minimal interruption of your workflow and will cover all freight costs. **See www.lacie.com/us/legal/warranty.htm for details.**

Features

- Ground-breaking RGB-LED-backlit technology
- The closest match between captured, displayed & printed colors
- Perfect for retouching, prepress & proofing
- 16:10 wide format (724 & 730 Monitors)
- 720 Monitor covers 114% of Adobe RGB gamut
- 724 & 730 Monitors cover 123% of Adobe RGB & NTSC gamut
- High resolutions:
  - LaCie 720: 1600 x 1200 UXGA
  - LaCie 724: 1920 x 1200 WUXGA
  - LaCie 730: 2560 x 1600 WQXGA

Box Content

- LaCie 700 Series LCD Monitor
- AC power cable
- Mini-D-sub 15-pin/DVI-A cable (720 & 724 Monitors only)
- DVI-D video cable
- USB cable
- CD-ROM with User Manual & monitor ICC profile
- Quick Install Guide
- LaCie easyHood & LaCie blue eye pro Proof Edition software
- LaCie blue eye colorimeter (optional)

	LaCie 720 LCD Monitor	LaCie 724 LCD Monitor	LaCie 730 LCD Monitor
			
Item Numbers:			
Monitor+hood & software	130798	130800	130802
+colorimeter	130799	130801	130803
Diagonal	20 in. / 51 cm	24 in. / 61 cm	30 in. / 75 cm
Display Area (HxV)	16x12 in. / 408x306 mm	20.4x12.75 in. / 518.4x324 mm	25.24x15.78 in. / 641.3x400.8 mm
Maximum Resolution	1600 x 1200 UXGA	1920 x 1200 @ 60Hz	2560 x 1600
Panel Technology	VA	S-PVA	S-PVA
Dot Pitch	.01 in. / .255 mm	.01 in. / .27 mm	.01 in. / .25 mm
Gamma Correction	14-bit lookup table (14-bit processing)		
Color Gamut: 1-CIE 1976	114% Adobe RGB, 116% NTSC	123% Adobe RGB, 125% NTSC	123% Adobe RGB, 125% NTSC
Color Gamut: 2-CIE 1931	109% Adobe RGB, 104% NTSC	116% Adobe RGB, 111% NTSC	116% Adobe RGB, 111% NTSC
Luminance	250 cd/m2	250 cd/m2	200 cd/m2
Contrast Ratio	600:1	1000:1	1000:1
Response Time	8ms	6ms, 16ms (black-white-black)	6ms, 12ms (black-white-black)
Maximum Colors	16.77 million		
Video Inputs	DVI-I 29pin; DVI-D 24pin	DVI-I 29pin; DVI-D 24pin	DVI-D 24pin
Power Input	AC 100-240V, 50/60Hz		
USB Port	Upstream x 1, downstream x 2	Upstream x 1, downstream x 4	Upstream x 1, downstream x 4
Power Consumption	43.5 W (1.2 W Power Save Mode)	55.6 W (0.88 W Power Save Mode)	98 W (1.25 W Power Save Mode)
Certifications	FCC, CE, VCCI, MIC, Ctick, CB/Nemko, CSA, UL, TUV, GOST, PSB, Energy Star		
Viewing Angles	H: 178° / V: 178°		
Height Adjustment	Up to 100 mm	Up to 100 mm	Up to 80 mm
Tilt/Swivel	F: 15°, B: 5°, R: 150°, L: 150°	Tilt: -3°-25°, Swivel: -175°-175°	Tilt: -3°-25°, Swivel: 0°-90°
Portrait Function	Yes	No	No
Arm Mount	VESA 100x100 mm	VESA 200x100 mm	VESA 200x100 mm
Weight	16.75 lbs. / 7.6 kg	15.4 lbs. / 7 kg	25.5 lbs. / 11.6 kg
Dimensions	17.6x15.4x8.6 in. / 448×391×220 mm	22.16x18.18x9.84 in. / 563x462x250 mm	27.1x19.7x11 in. / 690x502x280 mm
Compatibility	PC & Mac		
Warranty	3 Year Limited with Advance Replacement		

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compatible with WINDOWS® compatible with MAC OS®

LACIE