

LACIE 321

The color rendering tool for the graphics professional



A perfect match for

- On-screen pre-press proofing
- Digital Photographers
- Photography retouching
- Scanning
- Graphic design

The Complete Color Solution

Benefits

- Superior color purity
- Expansive color range
- Smooth grayscale and gradients
- Deep dynamic range
- Fine pitch
- Full-sized A3 viewing area
- Premium viewing conditions
- Versatile workspace

Features

- SA-Superfine TFT panel
- Broad color gamut at 72% NTSC
- 10-bit gamma correction with curve control
- 500:1 contrast ratio
- 1600x1200 resolution
- Large 21.3" diagonal
- Viewing angles of 176°
- Versatile workspace
- 90° pivot, height- swivel- and tilt-adjustable

Image is everything

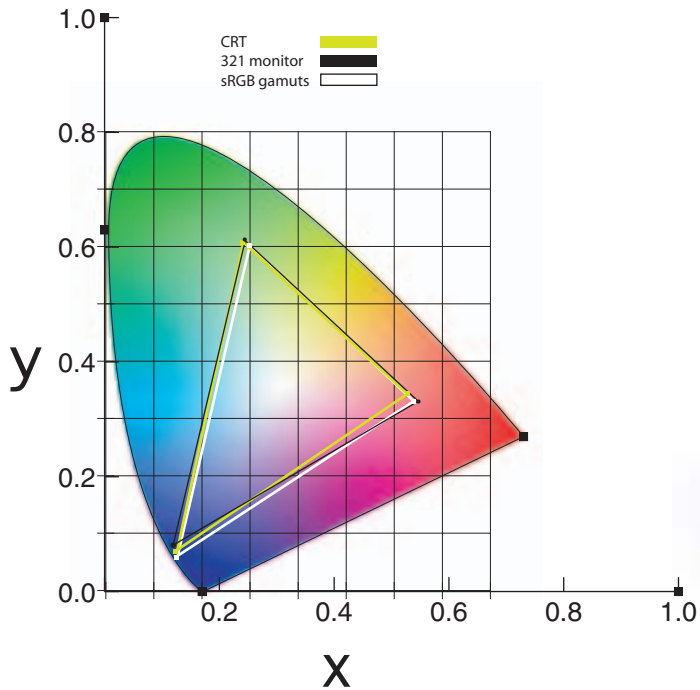
The 21.3" LaCie 321 LCD Monitor inaugurates a new level of color quality for graphics, photography and print professionals. Thanks to the unprecedented CRT-grade gamut of its advanced SA-Superfine TFT panel and its embedded 10-bit gamma correction mechanism, it can display pure, vibrant colors and smooth gradients. This reliable partner for all color-critical tasks is wooing visual content creators toward the LCD revolution.



Unprecedented Color Rendering

Expansive color range

The LaCie 321 Monitor utilizes a SA-Superfine TFT panel, the most advanced LCD technology available today, in conjunction with high-end backlighting. As a result, it offers the benefit of a CRT-grade color gamut in a flat screen monitor. The broad gamut of colors displayed by the LaCie 321 is a wide 72% of the NTSC (National Television System Committee) video standards gamut and 100% of the EBU (European Broadcasting Union) gamut.





Exceptional color purity and contrast

In addition to its broad color gamut, the LaCie 321 Monitor's panel presents pure, vibrant colors across the entire range. In a side-by-side comparison with other TFTs, this panel exhibits superior color clarity, which can be appreciated in pure white, pitch black, and saturated color areas. With a strong contrast ratio of 500:1 and a brightness of 250 cd/m², it offers graphic artists the advantage of a larger dynamic range to use. The expansive viewing angles (176° in all directions) prevent grayscale inversion or any loss of contrast from the widest range of vantage points.

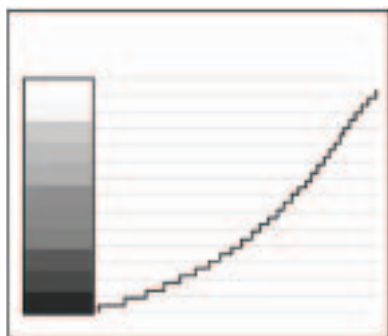
Smooth color gradients

With 10-bit gamma correction, the LaCie 321 Monitor provides the finest caliber of gamma control, expressly engineered for serious digital imaging professionals.

Whereas traditional 8-bit gamma allows for only 256 tonal options, 10-bit gamma expands the tonal range to 1024, smoothing color gradation and vastly improving image precision and accuracy. Consistent gradient tones are produced by internally converting each 8-bit RGB color channel to 10 bits automatically, thus preventing banding. By either preset or custom settings from 0.5 – 4.0, gamma can be adjusted in increments of 0.1 for maximum flexibility. This allows for smooth transitions in color gradients present in areas such as skin tones or shaded black-and-white images.

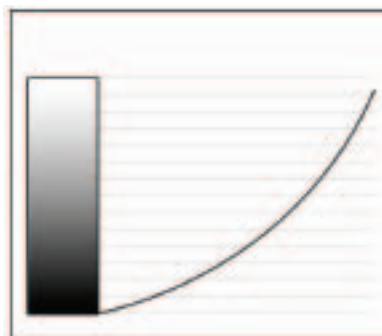


8 BIT GAMMA



Banding

321 - 10 BIT GAMMA



Smooth Gradations



The Ideal Workspace



Generous screen with fine resolution

The LaCie 321 Monitor offers a large 21.3" diagonal on which a double-paged spread or full A3 page can be displayed in exact 1:1 ratio. This allows professionals to view a document on their monitor in the same format as it will be printed, thus avoiding repeated, time-consuming document rescaling. Its superb 1600x1200 resolution ensures that even the most minute details can be displayed, so that what is seen on the monitor is what will appear in print.

Premium viewing conditions

Contrast and color remain the same on the LaCie 321 Monitor from any viewing angle up to 176° in all directions. Whether sitting or standing, and whether to the right or left of the display, the colors retain their integrity. In practice, this means that several professionals can simultaneously work on the same monitor and share an identical view of its colors. For the most demanding color-related tasks, such as photo retouching and on-screen proofing, the LaCie monitor hood ensures that external lighting conditions and surrounding light sources do not interfere with the document's intrinsic colors.

Fully adjustable slim monitor

The position of the LaCie 321 Monitor can be ergonomically adjusted to suit all work environments. It can be height-adjusted, tilted and swiveled to match the professional's desired settings. Landscape mode can quickly be changed a full 90° to portrait mode viewing. Its narrow bezel and minimal footprint conform to the most demanding desktop environments with ease. The LaCie 321 can also be combined with other LaCie monitors and support solutions to create multi-monitor workspaces.



LaCie's commitment to color

Through a combination of cutting-edge technological engineering and a rich history of unique design aesthetics, LaCie continues as a firm leader in the color display industry. Established in the United States, Europe and Japan, LaCie is a leading worldwide producer of PC and Macintosh compatible peripherals, including a new generation of color LCD monitors. By providing top-of-the-line tools for multimedia innovation, LaCie anticipates the needs of creative professionals such as graphic designers, photographers and filmmakers, who require genuine, practical solutions for accurate color management.



Specifications

Model	LaCie 321 Monitor
SKU	108368
Technology	SA-Superfine TFT Panel
Viewable Area	21.3"/54 cm
Luminance	250 cd/m ²
Contrast Ratio	500:1
Dot Pitch	0.27 mm
Max Resolution	1600x1200 (UXGA)
Form Factor	4:3
Response Time	20 ms
Viewing Angle	176° vertical, 176° horizontal
Pivot	90°
Tilt	30°
Swivel	90°
VESA 100 Compliant	Yes
Connections	1 VGA, 1 DVI-D, 1 DVI-I
Communications	DDC2B, DDC2Bi, DDC/CI, EDID
Color	72% NTSC, 100% EBU, sRGB
Cabinet Color	LaCie Blue
Operation	52W (1W in power-saving mode)
Warranty	3 years

Box contents

Monitor, Hood, VGA and DVI Video cables, Power cables, Utilities CD



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