



Apple Studio Display with ColorSync Technology



Features

Exceptional display quality

- 21-inch (19.8-inch viewable image size) Sony Trinitron CRT
- Aperture grille technology for vivid colors and sharp text
- Vertically flat screen for reduced glare

Stunning design

- Elegant translucent case that matches Apple's new Power Mac G4 computers
- Storage space under the display for your keyboard
- Four-port USB hub for connecting peripherals

Built-in color calibration

- Uses industry-standard ColorSync color management technology
- Ensures consistent, accurate color over the lifetime of the monitor
- Saves production time by creating accurate output with fewer trials

Easy access to powerful software controls

- Single-button access to the familiar Macintosh Monitors & Sound control panel
- Intuitive control over all screen adjustments

Color is indispensable to today's computer applications, whether you're producing magazines, creating business presentations, or designing multimedia materials.

The Apple Studio Display with ColorSync technology is an uncompromising monitor that provides accurate color for every situation. It combines lifetime color calibration with outstanding visual performance and a stunning appearance—all at a competitive price.

The first thing you'll notice about this Apple Studio Display is its striking appearance. Its elegant translucent enclosure and sleek design complement Apple's new Power Mac G4 systems and are also highly functional. The display includes a four-port Universal Serial Bus (USB) hub, and its unique stand has room underneath to store your keyboard.

The Apple Studio Display with ColorSync technology uses a 21-inch (19.8-inch viewable image size) Trinitron CRT to deliver vivid colors and sharp text. The cylindrical design of this CRT creates a vertically flat screen that minimizes glare. The end result is a monitor that's a pleasure to view and to work with.

But the most important feature of the Apple Studio Display with ColorSync technology is its superior color accuracy—and its ability to maintain that accuracy over its lifetime. Using a patented internal measurement system, the monitor adjusts its electron beam as time passes to maintain the precise calibrations made at the factory. It can also compensate for changes in the ambient light. And because it stores its own ColorSync profiles, it can exchange accurate color information with the other devices in your production process, creating color consistency that directly translates into fewer trial-and-error stages when you output color documents.

The Apple Studio Display makes it easy to meet your specific needs and to compensate for changes in environmental conditions. A button on the display brings up the familiar Macintosh Monitors & Sound control panel on your computer, giving you powerful yet intuitive software control over all screen adjustments.

With its large screen, crisp Trinitron performance, ready-to-use USB ports, built-in color calibration, and elegant design, the Apple Studio Display with ColorSync technology is the complete monitor for demanding applications.



Specification Sheet

Apple Studio Display with ColorSync Technology



Technical Specifications

Picture tube

- 21-inch (diagonal) Trinitron CRT
- 19.8-inch (diagonal) viewable image size
- Variable, superfine 0.25- to 0.27-mm aperture grille pitch

Resolutions and refresh rates

- 640 by 480 pixels at up to 85 Hz
- 800 by 600 pixels at up to 85 Hz
- 832 by 624 pixels at up to 75 Hz
- 1,024 by 768 pixels at up to 85 Hz
- 1,152 by 870 pixels at up to 75 Hz
- 1,280 by 1,024 pixels at up to 85 Hz
- 1,600 by 1,200 pixels at up to 85 Hz

Scanning rates

- 31 to 107 kHz (horizontal)
- 48 to 120 Hz (vertical)

User controls (hardware and software)

- Power on/off
- Brightness
- Contrast
- Horizontal size and centering
- Vertical size and centering
- Convergence
- Rotation
- Pincushion
- Keystone
- Parallelogram
- Bow
- Geometry corner correction
- Separate four-corner beam landing correction
- Overscan
- Degauss

Color controls

- Internal calibration system
- Gamma curve adjustment
- Completely variable white-point selection (4,100K to 9,300K)
- Designed for optimal reproduction of PANTONE colors

Screen treatment

- High-contrast, antireflective, antistatic coating

Connectors and cables

- 15-pin mini D-Sub VGA connector
- Four-port USB hub

Electrical requirements

- Line voltage: 90V to 264V AC
- Frequency: 47 to 63 Hz, single phase
- Power: 180W (maximum) when operating; less than 30W in standby mode; less than 5W when computer is in energy-saver mode

Agency approvals

- MPR II
- CE Mark
- EPA ENERGY STAR compliant
- IEC 950
- UL1950
- CSA 950
- EN60950
- NUTEK
- TCO 99
- FCC Part 15 Class B; DOC Class B

Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: 32° to 140° F (0° to 60° C)
- Operating humidity: 20% to 95% noncondensing
- Storage humidity: 5% to 95% noncondensing
- Operating altitude: 0 to 10,000 feet (0 to 3,048 m)

Size and weight

- Height: 22.4 inches (56.9 cm)
- Width: 22.6 inches (57.4 cm)
- Depth: 21.7 inches (55.0 cm)
- Weight: 77 pounds (35 kg)

System requirements

- A 1999-model Power Macintosh G3 computer or a Power Mac G4 computer with built-in USB
- Mac OS 8.5 or later



Nothing works and looks better with a new Power Mac G4 computer than an Apple Studio Display with ColorSync technology (sold separately).

Ordering Information

Apple Studio Display with ColorSync technology Order No. M6204LL/B

- Apple Displays software
- Power cord
- Ambient light tool
- User's setup guide

For More Information

For more information about this product, or to find out where to buy Apple products, visit www.apple.com/products on the World Wide Web or call 800-538-9696. To purchase this product from the Apple Store, go to www.apple.com/store.

Apple stands behind its products with world-class service and support. Offering quality parts, extended hardware service options, phone support, and support via the Internet, we provide you with support choices that meet your needs. For more information, visit www.apple.com/support.

Apple Computer, Inc.

1 Infinite Loop
Cupertino, CA 95014
408-996-1010
www.apple.com

© 1999 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, ColorSync, Mac, Macintosh, and Power Macintosh are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. The Apple Store and Power Mac are trademarks of Apple Computer, Inc. ENERGY STAR is a U.S. registered mark. PANTONE is a registered trademark of Pantone, Inc. Trinitron is a trademark of Sony Corporation, registered in the U.S. and other countries. Other product and company names mentioned herein may be trademarks of their respective companies. Product specifications are subject to change without notice.
August 1999 L04180A