Apple ColorSync Displays

Apple's ColorSync Displays feature advanced color calibration for outstanding image quality and color consistency, both right out of the box and over time. Combining top-of-the-line Sony Trinitron CRT technology with innovative Apple software technologies and ergonomic design features, they're ideal viewing solutions for even the most demanding business and publishing professionals—and they offer an unparalleled return on investment.

Available in two sizes—17 and 20 inches (16.1- and 19-inch diagonal viewable image sizes)—the Apple ColorSync Displays give you precise, powerful control over virtually every viewing parameter. Taking advantage of Apple's unique hardware/software integration, these "intelligent" products replace the frequently difficult-to-reach (and always imprecise) mechanical dials used by most other displays with intuitive on-screen controls that take the guesswork out of making even the most minute adjustment. The ColorSync Displays also exhibit Apple's user-centered approach through an ergonomic design that features a tilt-and-swivel base (as well as state-of-the-art antireflective screen coating) for optimal viewing comfort.

Unparalleled color accuracy, impressive image quality, and outstanding ease of use are important, but the greatest value these advanced displays provide is their ability to streamline workflow and increase productivity. They do this through two key Apple technologies: ColorSync system-level software enables extraordinarily accurate screen-to-print color matching—so accurate that you can actually proof color on-screen and then move straight to print. Apple DigitalColor technology saves you time and money by ensuring accurate color calibration over time, as well as allowing adjustments to compensate for the effects of ambient lighting and CRT phosphor aging.

Simply put, with their combination of consistent color accuracy and affordability, Apple ColorSync Displays can improve not only the way you view your work, but also the way you *do* your work—as well as what you see when you look at the bottom line.

Features

Advanced color calibration
- Incorporates advanced Apple DigitalColor technologies:
— Internal calibration technology to keep colors accurate and consistent over time
— Adjustment for white-point accuracy to accommodate varying viewing environments
- Uses Apple's ColorSync technology to provide extremely accurate on-screen color representation and color matching across a range of devices

Outstanding image quality and flexibility
- Features Sony Trinitron CRT technology for clear, sharp pictures and vivid color
- Features multiple-scan electronics that enable a high level of viewing flexibility
- Takes advantage of Apple's unique hardware/software integration to provide intuitive, software-based control over all screen geometry

Ergonomic design
- Reduces eyestrain through its antireflective screen coating
- Offers a tilt-and-swivel base for maximum viewing comfort and ease of use
- Makes connecting a keyboard and mouse easy through its integrated Apple Desktop Bus (ADB) ports
- Complies with the strict TCO 95 environmental standards

Compatibility
- Supports easy connection to both Mac OS– and Windows-based computers

Apple ColorSync Displays

Technical Specifications

Picture tube

- 17- or 20-inch (diagonal) Sony Trinitron CRT (16.1- or 19-inch diagonal viewable image size)
- 0.26-mm aperture grille pitch

Resolutions and screen refresh rates*

- 640 by 480 pixels at up to 75 Hz
- 800 by 600 pixels at up to 75 Hz
- 832 by 624 pixels at up to 75 Hz
- 1,024 by 768 pixels at up to 75 Hz
- 1,152 by 870 pixels at up to 75 Hz
- 1,280 by 1,024 pixels at up to 75 Hz
- 1,600 by 1,200 pixels at up to 75 Hz (20-inch model only)

Scanning rates

- 17-inch model: 30 kHz to 80 kHz (horizontal); 40 Hz to 120 Hz (vertical)
- 20-inch model: 30 kHz to 94 kHz (horizontal); 48 Hz 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
- Gamma curve
- Completely variable white-point selection: 4,100K to 9,300K

Screen treatment

- Antistatic, antireflective coating

Connectors

- 15-pin DSub connector for Macintosh systems
- 15-pin DSub VGA mini-adapter for PCs

Electrical requirements

- Line voltage: 90 to 264 V AC
- Frequency: 47 to 63 Hz, single phase
- Power: 125W (maximum) when operating; less than 60W in standby mode; less than 5W when computer is in energy-saver mode

Agency approvals

- MPR 2
- CE Mark
- EPA Energy Star compliant
- IEC 950
- UL1950
- CSA 950
- EN60950
- NUTEK
- TCO 95
- 17-inch model: CISPR 22 Class B (EN5008211)—complies with European EMC directive; VCCI Class 2
- 20-inch model: FCC Part 15 Class A; DOC Class 1

Environmental requirements

- Temperature: 50° to 104° F (10° to 40° C)
- Humidity: 10% to 80%, noncondensing
- Altitude: 0 to 10,000 feet (0 to 3,048 m)

System requirements

- Works with Macintosh and other Mac OS–based systems with 68040 or later processors running Mac OS 7.5 or later*
- Works with Windows 95– and Windows NT–based systems

Size and weight

17-inch model:
- Height: 16.8 inches (42.7 cm)
- Width: 16.2 inches (41.1 cm)
- Depth: 17.6 inches (44.7 cm)
- Weight: 49.0 lb. (23.0 kg)

20-inch model:
- Height: 18.7 inches (47.5 cm)
- Width: 19.1 inches (48.5 cm)
- Depth: 20.2 inches (51.5 cm)
- Weight: 67.4 lb. (30.6 kg)

Not all models and configurations are capable of driving the monitor to the highest resolution it supports.

Ordering Information

Apple ColorSync Displays

Order No. M6159LL/A
17-inch (16.1-inch diagonal viewable image size)

Order No. M6162LL/A
20-inch (19-inch diagonal viewable image size)

All Apple ColorSync Displays include the following:
- Apple Display software
- PC video adapter
- Integrated, attached video and ADB cable
- Power jumper cable
- Ambient light wand
- User's manual
- Limited warranty

For more information

For more information about these products, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit www.apple.com or call 1-800-538-9696.

ColorSync