Apple ColorSync AV Display
(also known as AppleVision 750AV)

This Apple ColorSync AV Display is an exceptional 17-inch (16.1-inch diagonal viewable image size) audio-visual display designed for business profes-sionals, desktop publishers, and multimedia authors. It has built-in software and hardware to handle the most demanding graphics work. And it unites Sony Triniton CRT technology with built-in stereo speakers and microphone.

The Apple ColorSync AV Display delivers plug-and-play compatibility with DOS and Windows software–based computers as well as with Macintosh and Power Macintosh systems.

This display's advanced Apple DigitalColor features include internal calibration technology that allows it to consistently produce breathtaking colors and outstanding image quality. And it features automatic screen-to-print color matching using Apple ColorSync 2.0 technology.

And because sound is so important today, the ColorSync AV Display has built-in, high-quality stereo speakers that rival the sound of bookshelf speakers. The built in microphone is engineered for close-up recording, voice annotation, speech recognition, and speakerphone use.

Its multiple-scan capability allows you to view text or graphics at an impressive 1,280 by 1,024 pixels for detailed work in multimedia, desktop publishing, and business productivity applications.

So if you're looking for a large, high-quality display, we invite you to look closely at the Apple ColorSync AV Displays.

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Order No. M5239LL/A

- AppleVision 750AV Display with built-in stereo speakers
- AppleVision software
- PC video adapter
- Integrated, attached video and Apple Desktop Bus (ADB) cable
- Integrated audio input/output cable
- Power jumper cable
- Ambient light wand
- User's guide
- Limited warranty

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

Technical Specifications

Picture tube
- 17-in. (diagonal) Sony Trinitron CRT
- 16.1-in. (diagonal viewable image size)
- 0.25-mm aperture grille pitch

Display formats/Refresh rates*
- 640 x 480 pixels at 60, 67, or 75 Hz
- 800 x 600 pixels at 56, 60, or 75 Hz
- 832 x 624 pixels at 75 Hz
- 1,024 x 768 pixels at 60, 70, or 75 Hz
- 1,152 x 870 pixels at 75 Hz
- 1,280 x 1,024 pixels at 75 Hz

Scanning rates
- 30 kHz to 82 kHz (horizontal)
- 40 Hz to 120 Hz (vertical)

Apple DigitalColor technology
- Internal calibration to original factory measurements
- Adjustment for ambient lighting
- Adjustment for CRT phosphor aging

Multimedia features
- Integrated high-quality stereo speakers
- Directional microphone
- Stereo headphone connector

Screen treatment
- Anti-static, anti-reflective coating

Digital software and hardware controls
- Power on/off
- Brightness
- Contrast
- Horizontal size and position
- Vertical size and position
- Convergence
- Rotation
- Pincushion
- Keystone
- Parallelogram
- Gamma curve
- Completely variable white-point selection: 4,100˚K to 9,300˚K
- Bass control
- Treble control
- Volume control
- Microphone mute
- Speaker mute

Audio
- Watts: 2.5 volts RMS, each channel
- Frequency response: 80 Hz to 17 kHz
- Speaker output > 90 (dB) SPL at 1 KHz at 0.5 m
- Headphones: 600 ohm >0.5 volts RMS

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

Degauss circuitry
- Automatic at power up

Electrical requirements
- Line voltage: 90 to 132 V AC and 198 to 264 V AC
- Frequency: 47 to 63 Hz, single phase
- Power: 125 W (maximum) when operating; less than 60 W in standby mode; or 0 W when CPU is in energy-saver mode

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

Size and weight
- Height: 19.1 in. (48.5 cm)
- Width: 16.1 in. (41.0 cm)
- Depth: 19.1 in. (48.5 cm)
- Monitor weight: 60.0 lb. (27.7 kg)

Agency approvals
- FCC Part 15 Class B
- CISPR 22 Class B (EN5008211)—complies with European EMC directive
- DOC Class B
- MPR 2
- VCCI Class 2
- CE Mark
- EPA Energy Star compliant
- IEC 950
- UL 1950
- CSA 950
- EN60950
- NUTEK
- TCO 92

System requirements
- Works with Power Macintosh, Macintosh Performa, and Macintosh Quadra computers with 68040 or later microprocessors running Mac OS version 7.1 or later*

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

ColorSync 2.0