



# Tech Info Library

## Apple MPEG Media System: Specifications (3/96)

Revised: 3/4/96  
Security: Everyone

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Article Created: 26 September 1995  
Article Reviewed/Updated: 1 March 1996

TOPIC -----

This article describes the specifications for the Apple MPEG Media System.

DISCUSSION -----

### Hardware Features

- Uses PDS slot and DAV connector
- 30 fps playback up to 24 bit\*
- Display window up to 640x480 (pixel doubled)
- 16-bit CD quality audio\*
- User Installable - No external cabling or power
- NTSC/PAL support

\* Note:

The Apple MPEG Media System can playback at these audio rates and video resolutions. However, not all Macintosh computers playback at these rates and resolutions. Check the specifications of your Macintosh computer for information on audio rates and video resolutions.

### Software Features

- Apple Video Player 1.3
  - Chapter navigation
  - Capture
  - Re-sizable window
- Supported by QuickTime 2.x

### Hardware Specifications

- C-Cubed CL450 MPEG Video Decoder
  - 4 MB DRAM buffer

- NTSC video playback 30 fps
- Film playback 24 fps @ 320x240
- Plays existing MPEG data streams
- 44.1 Khz, 16-bit "CD Quality" audio
- PAL video playback 25 fps
- TI AV 110 MPEG Audio Decoder
  - 1 MB DRAM buffer

#### Configurations

- M3763LL/A Apple MPEG Starter Kit for Developers
  - Includes MPEG card and beta software
- M3763LL/B Apple MPEG Starter Kit for Developers
  - Same as above with final software
- M4242LL/A Apple MPEG Media System
  - Includes MPEG Card and education specific CD titles
- M4243LL/A Apple MPEG Media System
  - Retail package for consumer, higher-education, and business.
- M4244LL/A MPEG Multipack

Package for developers for creating custom solutions. Includes 10 MPEG cards and one software kit minutes of video to be contained on a single CD-ROM disc.

#### Hardware Requirements

- Macintosh or Power Macintosh computers with an LC-PDS slot AND a Video In Slot. This includes the Macintosh 630 series of computers, the Power Macintosh 5200 and 6200 series, and the Macintosh LC 580.
- The Apple MPEG Media System also requires the Apple Video System or the Apple TV/Video System.

#### Note:

The Apple MPEG Media System does not work in the Macintosh 630 DOS Compatible computer or the Performa 640 DOS Compatible because the MPEG card fits into the LC PDS slot, which is already occupied in the DOS Compatible computers. The Apple MPEG Media System also does not work in Macintosh 630 series computers, which have a PowerPC upgrade card installed. The PowerPC Upgrade card in these computers blocks the PDS slot, which the Apple MPEG Media System requires.

#### Article Change History:

- 01 Mar 1996 - Added note about video resolution and audio rates.
- 12 Dec 1995 - Added hardware requirements section.

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Tech Info Library Article Number:18647