



# Tech Info Library

## Apple TV/FM Radio System: Tech Specifications (12/96)

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Security: Everyone

Apple TV/FM Radio System: Tech Specifications (12/96)

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TOPIC -----

This article contains a list of the technical specifications for the Apple TV/FM Radio System.

DISCUSSION -----

Technical Specifictions  
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TV Tuner  
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- Up to 181 channels
- F connector, permits connection of:
  - Antenna feedline (the indoor antenna provided for the FM tuner can also pick up strong TV signals)
  - Standard or HRC (harmonically related carrier) cable TV feedline

Apple Video Player software  
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- Variable window size
  - Smallest (about 1/16 of screen)
  - Normal (about 1/4 of screen)
  - Largest (as much of screen as possible)
  - Any user-defined size between the smallest and largest options
- Up to 125 channel presets
  - Pop-up menu lets you assign a description (such as station name, network affiliation, or type of programming) to each channel
  - Each description can have as many as 15 characters
- Auto Tune function automatically adds all clearly received channels

to the channel list (channels can also be added and deleted manually)

- Push-button controls for video source selection
  - TV tuner
  - Composite video
  - S-video
- Sliding controls for video adjustment
  - Brightness
  - Sharpness
  - Contrast
  - Color
- Push-button controls for video standard selection
  - NTSC
  - PAL
  - SECAM
- Up/down buttons for channel selection
- Push-button controls for audio mode selection
  - Stereo
  - Mono
  - SAP (second audio program channel for descriptive video or foreign language translations)
- Sliding controls for audio adjustment
  - Volume
  - Balance
  - Treble response
  - Base response
- One-click operation for capturing still frames or video clips
- Optional movie compression
- Closed captioning/video text
  - CC 1
  - CC 2
  - Text 1
  - Text 2
- Reminders function lets you store up to 25 program reminders; on-screen alert box appears at the program start time. You can also request a notification prior to the beginning of the program. (You do not need to be running Apple Video Player for the alert box to appear.)
- Optional lockout (with password protection) on any channel
- "Hot key" capability instantly makes Apple Video Player the active program on your system

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- Frequency range:
    - U.S.: 88.1 to 107.9 MHz
    - Europe: 88.1 to 107.9 MHz
    - Japan: 76.0 to 90.0 MHz
  - F connector, permits connection of:
    - Indoor antenna provided with system
    - Standard cable TV connector (for cable systems that offer FM stations)

#### Apple FM Radio Player Software

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- Six preset buttons for instant access to your favorite stations
- User-selectable button labels:
  - Number (1 through 6)
  - Frequency
  - Station name
  - Description, such as type of programming (maximum 4-6 characters, depending on character width)
- Pop-up station selection menu
  - Holds any number of stations
  - Can be labeled with frequency, station name, and description (maximum 31 characters)
- Auto Add function that finds clear stations and adds them to pop-up menu
- Manual tuning functions
  - Seek up/down
  - Step up/down
- Sliding volume control
- Menu options for:
  - Signal range (Local, DX)
  - Signal strength (All Stations, All Except Weakest, Strong, Strongest Only)
  - Audio mode (Stereo, Mono)
- One-click recording
  - Adjustable compression ratio/sampling rate
  - Record time indicator

#### Remote Control

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- Infrared link with Macintosh system
- FM radio controls
  - Channel up/down (cycles among all preset stations)
  - Audio volume up/down
  - Audio mute
- TV controls

- Channel up/down (cycles among all preset stations)
  - Audio volume up/down
  - Audio mute
  - TV window size, switches between current and largest size (or previous size, if current size is the largest)
  - TV/Macintosh (launches or quits out of the Apple Video Player application)
- CD-ROM controls
    - Audio volume up/down
    - Audio mute
    - Play/pause
    - Stop/eject
    - Previous track
    - Next track
- Macintosh controls
    - Power on/off
    - TV/Macintosh

#### System Requirements

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- Any Apple Macintosh computer with a video-in slot and a port for an internal TV tuner card (refer to the technical specifications for your Macintosh system)\*
- Apple video-in card (included with Macintosh systems or can be purchased separately with the Apple Video System)
- TV antenna or cable TV feedline (with F connector)

\* Macintosh 5200 and 5300 series computers may require the purchase of a new back panel (Apple part number 922-2190) replacing the original back panel (Apple part number 922-1397). Contact your Apple reseller for details.

#### Ordering Information

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#### Apple TV/FM Radio System

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Order No. M4586LL/A

- Apple TV and FM Radio Tuner card
- Apple Video Player software
- Apple FM Radio Player software
- Infrared remote control
- FM antenna (twin-lead dipole with F connector; can also be used for limited TV reception)
- Apple TV/FM Radio System User's Manual
- Apple TV/FM Radio System Installation Manual (Europe only; for other regions, installation information is provided in the user's

manual)

#### Related Products

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#### Apple Video System

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Order No. M2894LL/D

#### Apple Presentation System

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Order No. M2895LL/A

#### Apple MPEG Media System

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Order No. M4243LL/A

#### NOTE:

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

#### Article Change History:

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02 Dec 1996 - Corrected part number for back panel.

08 Aug 1996 - Corrected part number for video system.

09 Jul 1996 - Changed article status.

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