



## Apple TV Control Module

**Think different  
about media servers.**

**Apple TV + Autonomic =** the leanest media server in the industry. Integrate music, HD movies, HDTV, music videos, audiobooks and podcasts on Crestron or AMX systems, complete with real-time metadata feedback and cover art. Take advantage of the most coveted media platform with unprecedented control.

**Converge with a higher standard.**



# Apple TV Control Module



## Control + Feedback



Control multiple Apple TV devices or iTunes servers (Mac or PC). Browse content, control transport, and receive metadata feedback with cover art.

## Ditch the Dock



Free yourself from endless iPod dock hassles and provide an elegant solution to access shared iTunes libraries.

## Zones by AirTunes



Create multi-zone systems with control of AirTunes on Apple TV, iTunes and AirPort Express.

## Pre-built Touchpanel Templates



VT-Pro and TP4 templates for various panel sizes make integration fast, easy and profitable.

## Award-Winning Technology



Industry-acclaimed Apple TV control modules put revolutionary Apple media server technology into the arsenal of custom integrators.

## Features

- Integrated high-definition media server with 7.1 audio and high definition output
- Supports music, HD movies, HDTV, music videos, audiobooks and podcasts on Apple TV and iTunes (Mac or PC)
- Browse and control AirTunes zones to create an instant wireless music network
- Automatically synchronize with iTunes libraries for hands-off collection management
- Utilize network-attached storage or shared volumes for unlimited capacity
- Low-overhead IP control protocol for minimal network/processor impact
- Pre-built modules, sample programs and touchpanel templates



## Applications



Residential



Hotel Chains



Restaurants + Bars



Digital Signage



Corporate Facilities



Theaters + Museums

## Specifications

### Apple TV Video

<b>Video Outputs</b>	Compatible with enhanced-definition or high-definition widescreen TVs capable of 1080p/1080i 60/50Hz, 720p 60/50Hz, 576p 50Hz (PAL format), or 480p 60Hz, including popular models from these manufacturers
<b>Video Formats</b>	H.264 and protected H.264 (from iTunes Store): Up to 5 Mbps, progressive main profile (CAVLC) with AAC-LC audio up to 160 Kbps (maximum resolution: 1280x720 at 24 fps, 960x540 at 30 fps) in .m4v, .mp4, and .mov file formats iTunes Store purchased video: 320x240, 640x480, 720x480 (anamorphic), or high-definition 720p MPEG-4: Up to 3 Mbps, simple profile with AAC-LC audio up to 160 Kbps (maximum resolution: 720x432 at 30 fps) in .m4v, .mp4, and .mov file formats
<b>Video Connectors</b>	HDMI and Component Video

### Apple TV Audio

<b>Supported Audio Formats</b>	AAC (16 to 320 Kbps); protected AAC (from iTunes Store); MP3 (16 to 320 Kbps); MP3 VBR, Apple Lossless; Aiff; WAV; Dolby Digital 5.1 surround sound pass-through
<b>Audio Connectors</b>	Optical audio, Analog RCA stereo audio

### Apple TV Network + Control Interface

<b>LAN</b>	(1) 8-wire RJ45 with 2 LED indicators; 10/100BaseT Ethernet port; green LED indicates link status, yellow LED indicates Ethernet activity
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### Control System Interfaces/Modules

<b>Interfaces</b>	AMX, Crestron
<b>Protocol</b>	HTTP over IP

### Module Compatible Control Targets

<b>Devices</b>	Apple TV, iTunes (Mac or PC)
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### Touchpanel Templates

<b>Vision Tools Pro-e, TP Designer 4</b>	800x600, 800x480, 640x480, 240x320
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### Analog RCA stereo audio

<b>Transport Control</b>	Play, pause, skip next, skip previous, seek, shuffle, repeat, volume up/down/direct, mute
<b>Browse Content</b>	Albums, artists, genres, composers, playlists, audiobooks, music videos, TV shows, movies, podcasts, songs
<b>AirTunes Speakers</b>	Browse available zones, activate/deactivate streaming

### Control Module Feedback

<b>Transports, Metadata</b>	Play state, album, artist, track, episode, chapter, shuffle state, repeat state, volume level, track time, track progress, mute state
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### Storage Options

<b>Apple TV Internal Storage</b>	Up to 160GB internal storage per device
<b>LAN Storage</b>	Time Capsule, network-attached storage or shared network volumes for unlimited capacity



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