

Unique and Innovative MIDI applications are a hallmark of JLC Cooper Electronics. New products for audio/video interfacing and control allow you to streamline the way you work and enhance the way your existing products function together.

MMC/9PIN+ MIDI Machine Control to 9-Pin Converter

MMC/9PIN+ is an innovative device integrating the world of MIDI to the world of professional video. It allows computer-based sequencers, audio mixing consoles and digital editing systems to control 422/P2 compatible video tape recorders (VTRs) and disk based recorders. Audio editors, film and video composers can control both a VTR and workstation at the same time.

MMC/9PIN+ translates MMC transport functions, locate points, shuttle and track arming messages into corresponding RS-422 (Sony 9 Pin/P-2) commands. BVU-800/900 emulation is supported. By referencing 9-Pin sync with video, it outputs SMPTE and MTC without wasting an audio track.



MMC/9PIN Features

- Converts MMC Transport Functions, Autolocates, Track Arming and Shuttle Commands to 9-Pin (Sony BVU-800/900 Emulation)
- Allows remote control of VTRs from any PC
- Size - 8.5" x 4.7" x 1.75" Weight - 3 lbs.

9PIN/MMC 9-Pin to MIDI Machine Control Converter

JLCooper's new 9Pin/MMC connects popular hard disk recorders including Tascam MX-2424, Mackie HDR24/96, Roland VS Series, Fostex and most computer-based audio editing systems to a standard video edit controller or switcher, for automated audio-follows-video control.

9Pin/MMC Interface interprets standard RS-422/P2 protocol messages and converts them to corresponding MIDI Machine Control (MMC) messages. This allows most hard disk audio recorders and computer based editing systems to be controlled by video editing systems that were originally intended to control professional Video Tape Recorders and DDRs.

Supported functions include play, stop, fast forward, rewind, record, locates, track arming, time code frame rate, program change, track record, set locate in/out points, pre-roll, post-roll and more.



9PIN/MMC Features

- Interfaces Hard Disk Recorders like Tascam, Mackie, Roland, Fostex and Computers-based Systems with most Video Edit Controllers
- Supports GVG, ESAM2, MIDI, MMC Protocols
- Size - 8.5" x 4.7" x 1.75" Weight - 3 lbs.

DAFV² Digital Audio Follows Video Interface

DAFV² connects popular digital audio mixers including the Sony DMX-R100 Ramsa WR-DA7, Tascam TM-D8000, Yamaha 02R and Mackie D8B to a video edit controller or switcher, for automated audio-follows-video applications.

DAFV² adds the essential interface which is missing from most popular digital audio mixers, the ability to respond to ESAM and Grass Valley GVG protocols.

Commands from the edit controller are converted to allow your mixer to automatically perform audio transitions, cuts and dissolves in perfect sync with video. Start and Stop Transition, Set Rate, Set Program and Preset Crosspoint and Set Fader Level Commands are supported.

Your edit controller's EDL (Edit Decision List) lets you specify the in and out points and the type of edit. The DAFV² automatically detects commands from the edit controller, determines which protocol is being sent and configures itself to receive either GVG or ESAM2 protocols.



DAFV Features

- Interfaces Digital Mixers like Sony DMX-R100, Ramsa WR-DA7, Yamaha 02R, 03D, 01V and Mackie D8B with Video Edit Controllers
- Supports GVG and ESAM2 Protocols
- Size - 8.5" x 4.7" x 1.75" Weight - 3 lbs.