



CCS2EX-S Serial & CCS2EX-M MIDI USB Expansion Board



The CCS2EX-S and CCS2EX-M USB expansion boards bring additional connectivity options to the CCS-2 Computer Control Switch.

The CCS2EX-S allows a range of USB-Serial adapters to be connected between the CCS-2 and any equipment with an RS232/422 control port. Custom serial messages can be pre-programmed into the CCS-2 using the Preset Manager software and sent via GPI triggers along with standard MIDI and relay events.

The CCS2EX-M allows the CCS-2 to act as a class-compliant USB MIDI host for connecting MIDI equipment fitted only with a USB interface.



With the CCS-2 now increasingly being used in playback systems that contain not only audio but also video content, the need to create seamless switch over between Main and Backup computer sources for both audio and video is crucial.

Should a switch over between Main and Backup computers be necessary then not only will the CCS-2 handle all the KVM duties as normal, with other connected Nemesis units able to handle audio switching in various formats, but once fitted with a CCS2EX-S board it can also control any associated serial-enabled video equipment (such as a TV-One 1T-C2 750 Scaler) and allow video sources to switch simultaneously and seamlessly.

The new CCS2EX-M option board adds USB MIDI for devices that don't include traditional-style 5-pin DIN connectors (e.g. Korg Nano range, Launchpad, some modern mixing desks with USB-MIDI only). This makes it perfect for use during production periods, 'creative theatre', or 'hot-key pads' used on a production for instant sound FX, opening up a whole new area of use for the Nemesis CCS-2.

** These expansion boards can be fitted by competent engineers into existing CCS-2's running firmware version 1.4 onwards, which also allows for users to upgrade their own firmware using the Nemesis Firmware Updater, visit www.nemesis-audio.com for more details. Any CCS-2's running earlier firmware must be returned to the factory for upgrade.



The **Nemesis** range of show control hardware was created to address a specific gap in the market for powerful, reliable and flexible show control and audio playback solutions. Designed specifically for the challenging theatre and live entertainment environments, and manufactured to the highest British engineering standards, the **Nemesis** design objective is to provide a fully specified and highly resilient set of control and redundancy hardware, enabling engineers to achieve seamlessly integrated performances.

With **Nemesis** behind the scenes, the show will go on without unwanted interruptions and with ultimate control. www.nemesis-audio.com

