COMPUTING - SWITCH OVER

NEMESIS ACS-1 AUTO SWITCH OVER



ACS-1 Auto Control Switch

The Nemesis ACS-1 Auto Switcher is a 1U rackmount unit that automatically controls any of the Nemesis range of switchover units by detecting the presence of playback signals using either a 1 kHz tone or SMPTE time code.

Designed primarily for live concerts, stage shows and theatre where backing tracks are used for orchestration, vocals and sound effects, this allows you to set up a redundant backup system which automatically switches between two sources should a failure of one of the sources occur. There are 2 modes of operation:

Comparison (switches from A to B if input signals differ)

Signal Loss (switches from A to B if signal lost on A)

The Time Code detection detects any change in forward direction timecode or frame errors. This prevents stuck buffers from frozen or crashed playback sources otherwise undetected in other systems using the simple presence of tone system.

Also included in the unit is a standard Nemesis 5 pin remote input for connection to an external remote buttons, standard Nemesis 15-pin DSUB relay GPO for connection to Nemesis or other audio changeover units, MIDI output for control of MIDI based units.



Features:

- 2 modes of operation: Comparison (switches from A to B if input signals differ) Signal Loss (switches from A to B if signal lost on A)
- Detects either 1Khz tone or valid running SMPTE
- SMPTE detection detects any change in forward direction timecode or frame errors. This prevents stuck buffers from frozen or crashed playback sources otherwise undetected by the simple presence of tone.
- MIDI output for control of MIDI based units such as RME MADI Bridge
- Large 16×24mm A B front panel buttons to select source
- Front Panel LEDs to show signal present and status
- Powercon input for 115/230VAC operation
- 2 × Balanced XLR input for audio/SMPTE from playback machines A & B
- Standard Nemesis 5 pin remote input for connection to an external remote buttons
- Standard Nemesis 5 pin XLR remote output to link to Nemesis CCS-2
- Standard Nemesis 15-pin DSUB relay GPO for connection to Nemesis

or other audio
changeover units

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