

# Option Board MADI I/O, BNC

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## Standards

- Relevant specifications comply with AES10-2008 and AES11-2009

## Audio

- 24-bit, transparent forwarding of PCM and compressed audio
- Sample rate = 44.1, 48, 88.2, 96kHz (88.2, 96kHz short framing) BNC

**Important** - Not all sample rates are supported by the host system, please refer to the respective information.

## BNC Input

- 65/56 channels @ 44.1 and 48kHz; 32/28 @ 88.2 and 96kHz
- Impedance = 75Ohm
- Input level = 0.15 ... 0.8Vpp @ 75Ohm
- Cable length maximum = 150m using Belden 1694A cable

## BNC Output

- 64/65 channels @ 44.1 and 48kHz; 32/28 @ 88.2 and 96kHz
- Impedance = 75Ohm
- Output voltage = 0.6Vpp (typical) @75Ohm

## General Features

- Input cable equalizer for extended range and robustness
- Reference-grade Wordclock recover, master-sync capable
- Dedicated routing for non-processed channels; all channels (max 64) can be routed to/from the device or looped through
- AES3 channel status management, non-audio detection