

MADI Converter

6-fold MADI Optical-BNC/BNC-Optical converter



Connectivity

- 6 x MADI I/O (optical and coaxial)
- 1 x MIDI Input (5-pin DIN)
- 3 x MIDI THRU

RME's MADI Converter converts MADI digital audio streams from optical format to coaxial and from coaxial to optical. The compact 1U device provides 6 bi-directional converters, operating fully independently. Any input signal will pass through absolutely unaltered. The MADI converter is the perfect companion to RME's MADI Bridge. Its six coaxial inputs and outputs can be converted to optical, which is advantageous in live and installed setups, and for longer cable lengths.

The MADI converter operates with any MADI format, be it 56-channel, 64-channel, and with any sample rate, even out-of-spec rates, and transfers embedded control data unchanged. Special equalization and highly sensitive input stages allow distances of up to 100 m with coaxial cables. Up to 2000 m can be covered with optical cables. The MADI Converter uses adapted termination and a special equalizing, to reach higher cable lengths despite its simpler design. The MADI Converter can even serve as cable buffer for the limited outputs of some manufacturers (90 meter coaxial instead of 30 meter). Real world tests with MADI devices of various manufacturers confirmed the outstanding performance of the MADI Converter.

The MADI Converter is easy to operate. All 12 inputs are equipped with status LEDs on the front panel. Additionally, a built in MIDI distributor allows copying the MIDI input signal to three MIDI outputs. Several devices can be controlled without an external MIDI distributor.

MADI Bridge and MADI Converter are perfectly designed for each other. In case the Bridge is placed above the Converter, the coaxial BNC inputs and outputs of the two devices will be right next to each other vertically, and can be connected with short patch cables. In this combination, the MADI Bridge effectively offers eight optical I/Os. Thanks to interchanged inputs and outputs, the cabling is done without crossing and cluttering, maintaining perfect overview.

The MADI Converter supports all MADI standards and is the ideal companion to RME's MADI Bridge.

The specially developed internal high performance switching power supply allows operation of the MADI Converter with voltages ranging from 100 to 240 Volts AC. It is short-circuit-proof, has an integrated line filter, is fully regulated against voltage fluctuations, and suppresses mains interference.

Specifications

- Sync: Not required
- Varipitch: Yes
- Samplerate: Any sample rate
- Power Supply: Internal switching power supply, 100 V - 240 V AC, 15 Watts
- Dimensions: (WxHxD) 483 x 44 x 200 mm

MADI Bridge



MADI Converter