

MADI Bridge

8 x 64-channel

MADI Switcher/Router



Overview

Developed as the optimal missing link between MADI devices of any manufacturer, RME's MADI Bridge is patchbay, distributor, signal buffer and input selector, all at the same time – and thus mandatory for every MADI user. Up to 16 devices can be freely connected with each other by 6 coaxial (BNC) and 2 optical in- and output pairs. Thanks to an intuitive and easy to navigate user interface, the device is easy to understand and to operate. The MADI Bridge adds to RME's MADI series as a comfortable, even MIDI controlled device management solution – as always with RME for a sensational low price!

All input signals are routed unaltered to the desired outputs. Like this, the MADI Bridge supports any format, no matter if it is 56 or 64 channels or includes special invisible control commands, any sample rates and even out-of-spec data rates or violations of the MADI protocol. Thanks to a special equalizing and highly sensitive input stages, coaxial cable lengths of 100 m can be used – even between several devices. Some application examples:

- 8 x 8 MADI matrix
- Dual MADI coaxial/optical and vice versa converter and distributor
- MADI distributor, patchbay, router

The MADI Converter is an ideal companion to RME's MADI Bridge, converting the Bridge's six coaxial inputs and outputs to optical. The optical format is advantageous in live and installed setups, and for longer cable lengths. The MADI Bridge can be placed above the MADI Converter ideally; the coaxial in- and outputs of the two devices will be right next to each other vertically, and can be connected with short patch cables easily.

Connectivity

- 6 x MADI I/O coaxial
- 2 x MADI I/O optical
- MIDI I/O for Remote

Features

- MADI Multinorm
- RME Remote
- Instant Memory



Features

Patch it! On the front panel, 8 alpha-numeric LED displays show the current signal source for every output separately. With two push buttons per channel, any signal source can be changed quickly. Besides input 1 to 8, input 0 (no input) can be chosen as well. The front panel has eight fixed output fields. This clarifies the way the MADI Bridge operates (schematic view)

Above each configuration field, an empty label area allows to attach a tape to each output, with the name of the connected device. With this, the routing stays clear and easy to understand, even when all I/Os are in use. The Lock section allows both locking the keys on the device and locking the MIDI remote. This way the device can be secured against accidental operating errors.

The device stores the last settings when being switched off and offers 9 free memories for presets. Memory 0 is pre-configured as panic button, it cancels all connection points. RMEs love for professional details can be seen here as well: a preset is pre-selected first, and then recalled with the Recall button. As soon as one of the routings is being changed, both the changed output and the preset number show a dot in the display.

The first class front panel display is being rounded off by a 64 LED matrix field. All routings are displayed here in classical matrix view, a configuration can be viewed and understood in a glance. The matrix field is especially valuable for pre-selection of the presets, because the preset's routing is displayed in the matrix before recall.

The rear of the MADI Bridge looks clear and tidy. Six coaxial BNC inputs and outputs each, two optical inputs and outputs and two DIN MIDI jacks offer superior flexibility and compatibility.

The MADI Bridge is compatible to MADI interfaces from Sony, Merging, Lawo, Euphonix, Stagetec, Jünger, Audio Service, Soundtracs, AMS and others.



Remote Control

Of course the MADI Bridge can be remote controlled via MIDI. Also all controls and LEDs on the front plate – the complete status – can be read via MIDI. Each MADI Bridge can be programmed with its own ID, providing a separated remote control of multiple devices via a single MIDI channel.

The Windows software MIDI Remote can be downloaded for free from the RME website. It can use any existing MIDI port within the system to perform remote control and status requests of all MADI Bridges via a simple mouse click.

Most appealing is the combination Hammerfall DSP MADI or Hammerfall DSPe MADI and ADI-648. They transmit MIDI directly embedded in MADI, thus allow controlling a MADI Bridge which is located far away from the computer.

Tech Specs

Input MAD: 6 x BNC, 2 x optical (SC)

Output MAD: 6 x BNC, 2 x optical (SC)

MIDI input and output: via two 5-pin DIN jacks

Sync: Not required

Sample rates: any

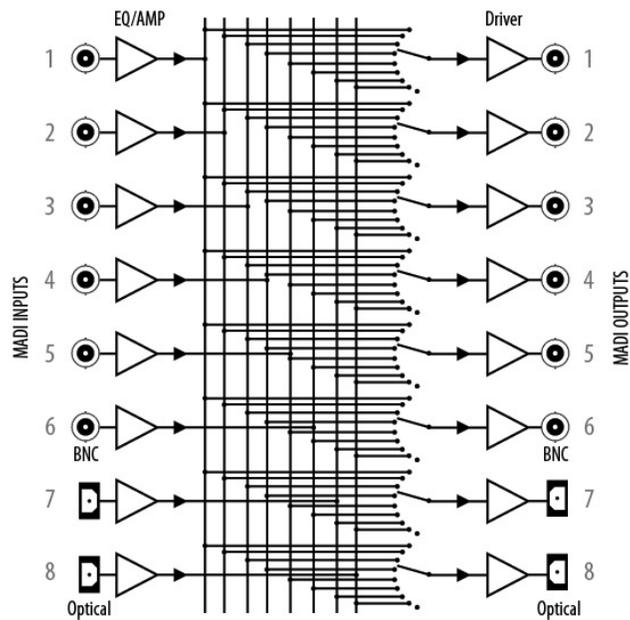
Power supply: internal switching mode ps, 100 V-240 V AC, 50-60 Hz, 15 Watts

Dimensions: 483 x 44 x 200 mm

Warranty: 2 years



Schematic view



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