

PREMIUM LINE



MADiface USB

128-Channel MADI USB interface
for mobile computers

RME

MADIface USB



MADI portability at its best!

The MADIface USB is a compact device that provides MADI I/O via USB 2.0 while supporting the format's full 64 channels.

Its sturdy and bus-powered design makes it as easy to use and reliable in your application.

The MADIface USB is therefore both MADI portability at its best as and a perfect desktop solution to connect MADI equipment to any Mac and PC.

The optical and coaxial input offer RME's Seamless Redundancy operation, switching between the two inputs in real-time, if one of the signals fails. The optical and coaxial MADI outputs operate simultaneously. The user can switch between a simple mirrored output mode, or use all two inputs and two outputs separately with TotalMix, a low latency 48bit internal mixer and routing matrix. In this extended mode, 128 input signals can be routed and mixed to 128 output channels, but the record/-playback functionality to / from the computer stays at 64 channels.

SteadyClock as well as RME's well known MADI compatibility ensure hassle-free operation with other devices.

MIDI over MADI technology may be used to remote-control other MADI devices. DIGICheck, a free of charge included complete audio analyzing suite, supports the user under Mac OS X and Windows.

In stand-alone mode the unit automatically operates as repeater, effectively doubling the maximum cable length of 100 m coaxial and 2,000 m optical. As the inputs switch automatically, and both outputs carry the same signal, it also works as active (jitter reducing) optical to coaxial or vice versa converter.

TotalMix. The MADIface USB includes a powerful digital real-time mixer, TotalMix FX, which is based on RME's unique, sample-rate independent TotalMix technology.

It allows for practically unlimited mixing and routing operations, with all inputs and playback channels simultaneously to any hardware outputs. The MADIface does not have a DSP, so there are no effects (e.g. equalizer) available.

Stand-alone. The MADIface USB can be powered by any USB power adapter or USB battery, like those for mobile phones and MP3 players. Without a computer host, the device enters a pre-configured operation mode which is part of its firmware, which can not be modified by the user.

In this mode the MADIface USB works as active repeater and format converter. The device is in slave mode, using the sample rate found at the input. AutoSelect is active, so either input can be used. The current input data is transmitted to the output unchanged. The optical and coaxial outputs carry the same data. The output format follows the input, so when a 56 channel count is found at the input, the outputs will have the same amount of channels.

I/O Connectivity

- 64 input channels / 64 output channels
- 1 x MADI I/O (optical and coaxial)
- TotalMix
- No external power supply required
- Stand-alone mode (repeater/format converter)
- Seamless redundancy operation

Worldwide Distribution

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