COMPUTING - INTERFACE

RME MADIFACE XT



RME's MADIface XT is the world's first USB3 audio interface - and the world's smallest portable interface that provides access to hundreds of audio channels in such a small package. For highest usability and connectivity the XT can also be used with USB 2.0 (computer I/O limited to 70 channels). Its unique PCI Express port connects to External PCI Express cards as well as adapters to Thunderbolt, providing all the fastest interfacing technologies available for maximum channel count and lowest latency in one unit.

To bring together the most complete I/O set for live or studio usage, two digitally controlled high end mic/line preamps, two balanced line outputs and one stereo phones output are included. Full stand-alone operation with remote control over MADI plus TotalMix FX for unlimited mixing, routing and processing open an endless world of possible applications.

For the most convenient desktop operation RME's Advanced Remote Control can be connected (option).

Features

The RME MADIface XT is capable of transferring digital audio data directly into a computer, from any device equipped with a MADI interface. Analog sources can be connected to a stereo analog input, and 2 stereo analog outputs add full monitoring connectivity. Installation is simple, even for the inexperienced user, thanks to the latest Plug and Play technology. The numerous unique features and well thought-out configuration dialogs put the MADIface XT at the very top of the range of digital audio interfaces.

Front Panel

The front of the MADIface XT has 2 XLR/TRS line and microphone inputs, a stereo line/headphone output, two rotary encoders with push functionality, four menu keys, a graphical colour display, and six status LEDs.

Mic/Line Inputs. The Neutrik combo sockets of the two Mic/Line inputs provide XLR and 6.3 mm / 1/4" TRS connection. They have LEDs for Signal (SIG), Overload (Clip) and phantom power (48V).

Headphone Output. Channels 3/4 feed the headphone output, which also operates as high-quality unbalanced line output.

Display. The display main screen (Global Level Meters) shows the current state of interface mode (PCIe orange, USB 2 yellow, USB 3 blue), the sync state of MADI and AES inputs, and incoming and outgoing MIDI data.

The four keys, the two encoders 1 and 2, the high-resolution and clear colour display, and a

well thought-out menu structure enable the user to quickly change and configure the device’s settings completely without a computer. Help notes and clear markers in the display guide the user through all functions. The rotary encoder 1 and 2 set the monitoring volume of the rear and front output directly at the device.

Rear Panel

The rear panel of the MADIface XT has two balanced analog outputs, word clock I/O, MADI coaxial I/O, two MADI optical I/O, USB 3 port (compatible to USB 2), PCI Express connector, MIDI/AES I/O, the power socket and a power switch.

Balanced Line Level Outputs. 2 balanced analog outputs via XLR.

Word Clock I/O. BNC. In menu Options – Clock the input can be set to be terminated with 75 Ohms.

MADI I/O coaxial: Standard coaxial MADI ports.

MADI I/O optical: 2 x standard optical MADI ports.

Remote. Mini-DIN. Connector for the optional remote controls with Volume, Store, Dim and Recall functions.

MIDI I/O and AES/EBU I/O. D-sub connector for the included breakout cable with XLR for AES I/O and 5-pin DIN for MIDI I/O.

USB 3.0. USB socket for connection to the computer. USB bus power is not supported. Compatible to USB 2.0.

PCI Express. External PCI Express connector for Molex E-PCIe standard cables.

POWER (switch): Turns the MADIface XT on and off.

Socket for power connection. The locking type jack fits the locking type DC connector on the included power supply. After inserting the connector carefully turn it so that it locks.

The included hi-performance switch mode power supply operates in the range of 100V to 240V AC. It is short-circuit-proof, has an integrated line-filter, is fully regulated against voltage fluctuations, and suppresses mains interference.



Connectivity:
• 196 Input / 198 Output channels
• 2 x MADI I/O optical
• 1 x MADI I/O coaxial
• 2 x Analog Mic/Line Preamp Input (XLR/TRS)
• 4 x Analog Output (Main XLR + Phones)
• 1 x AES/EBU I/O via breakout cable
• 1 x MIDI I/O via breakout cable
• 3 x virtual MIDI I/O via MADI I/O

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