

EXBOX.SG

SOUNDGRID / MADI CONVERTER



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DirectOut
TECHNOLOGIES

EXBOX.SG

is a SoundGrid / MADI converter linking Waves' audio networking technology SoundGrid and MADI (AES10).

Equipped with three MADI ports and four network ports it offers low latency conversion of 128 audio channels between SoundGrid and MADI.

The handy size of the popular EXBOX series (1/3 of 19"), combined with the rock-solid housing and redundant power supplies, makes the EXBOX.SG a perfect connectivity tool for mixing in OB vans or live sound environments, for recording sessions as well as studio applications integrating numerous Waves and third party plugins.

Audio Streaming

Interfacing with up to 128 audio channels at 48 kHz or 64 audio channels at 96 kHz is supported.

All-Round Functionality

EXBOX.SG offers highest flexibility as it provides three MADI ports of different interface types:

- optical SC (single-mode or multi-mode)
- coaxial (BNC)
- SFP

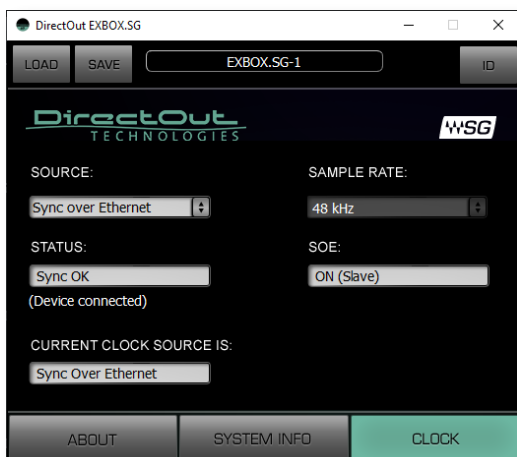
The Small Form Factor Pluggable cage can be fitted with any SFP module suitable for the particular application.

TECHNICAL DETAILS

MADI Ports (I/O):	1 x SC-Socket multi/single-mode 1 x coaxial BNC, 75 Ω * 1 x SFP (empty cage without module) **
Network:	3 x RJ45 (1 Gbit/s) 1 x RJ45 (1 Gbit/s, PoE)
Sample Rates:	44.1, 48, 88.2, 96 kHz (+/- 12,5%)
MADI Formats (I/O):	48k Frame, 96k Frame, 56/57/64 channel, S/MUX
Network-Layer:	2
Number of Channels (I/O):	128 (@1 FS), 64 (@2 FS)
Network Standards:	SoundGrid
Power Supply:	2 x Hirose DC input (7- 24 V) 1 x RJ45, Power over Ethernet
Dimensions:	Width 140 mm Height 42 mm Depth 140 mm
Weight:	about 0.8 kg

* BNC input is switchable to word clock input

** optional accessory: SFP modules (LC single-mode or multi-mode)



Remote control

EXBOX.SG is managed by a SoundGrid device control panel (SoundGrid version 12 and higher) and globcon control.

Built-in Switch

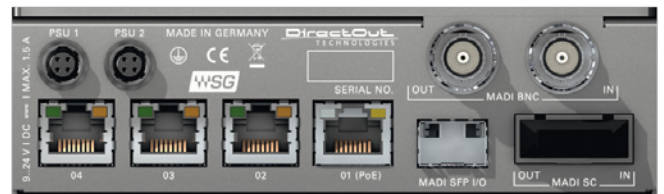
Four network ports can be used to connect directly to redundant recording systems and plugin servers without the need of an additional switch.

Safe operation

The device can be powered by up to two external power-supplies with lockable plugs as well as PoE (Power over Ethernet).

Rack-Ready

Each EXBOX can be mounted into a standard 19"-rack by using the optional kit BOXMOUNT.XL. Up to three devices may fit side-by-side within 1 RU.



Remote Methods:

