EXBOX.MD

DANTE / MADI CONVERTER

EXBOX.MD

is an Audio-over-IP to MADI converter based on
Audinate's audio networking technology Dante.
Equipped with three MADI ports and four network
ports it offers straight-forward conversion of 64 audio
channels between MADI and Dante.

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.MD a
perfect connectivity tool for touring live shows, OB
vans as well as studio applications.

Overview
LEDs at the front panel inform about clocking, sample
rate, device state and power supply at a glance.

Audio Streaming
Up to 32 streams with a total number of 64 audio
channels are supported. The device also features the
latest Dante firmware with activated AES67 support.

All-Round Functionality
EXBOX.MD 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.

One of the three MADI ports is selected as input
automatically, all three outputs work in parallel.

Built-in Switch
Four network ports are connected to an internal
switch and give the opportunity to use Dante's
redundancy mode (Primary <> Secondary), while
more EXBOX.MDs or other Dante devices can be
connected in switched mode directly to increase the
number of channels.

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, 176.4, 192 kHz
	(+/- 12,5%)
MADI Formats (I/O):	48k Frame, 96k Frame,
	56/64 channel, S/MUX
Network-Layer:	3
Number of Streams:	32
Number of Channels (I/O):	64
Network Standards:	Dante, AES67
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

* optional accessory: SFP modules (LC single-mode or multi-mode)
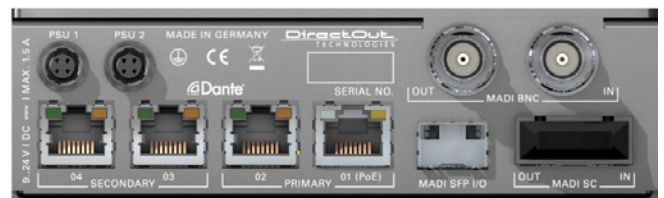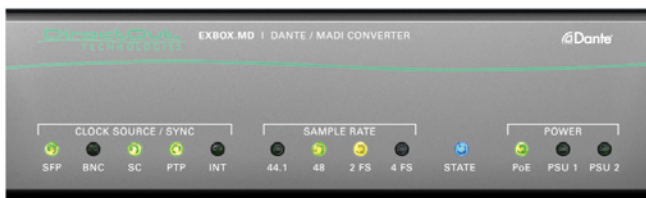
Remote control
EXBOX.MD can be controlled by Audinate's remote software
‚Dante Controller' and is ‚Dante Domain Manager' ready.

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

Rack-Ready
EXBOX.MD 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.

Port Configurations: Remote Method:

BNC   SC   SFP   Network

DirectOut
TECHNOLOGIES