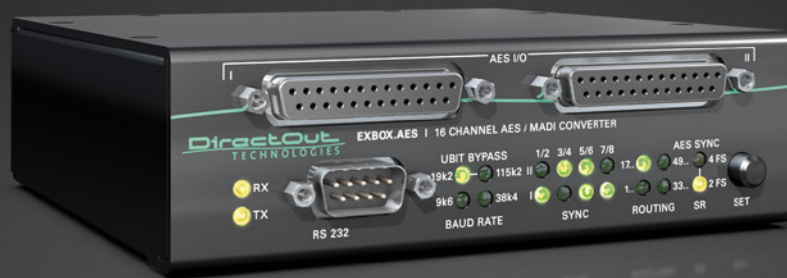


EXBOX.AES

16 CHANNEL AES / MADI CONVERTER



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DirectOut
TECHNOLOGIES

EXBOX.AES

is an AES/MADI converter with eight AES I/Os capable of converting up to 16 audio channels from AES to MADI and vice-versa.

At the same time serial data (RS-232) can be embedded into or de-embedded from the MADI signal.

All settings such as the signal routing, baud rate and the scaling factor are accessible on the front panel of the device.

EXBOX.AES extends MADI environments by offering straightforward AES conversion and simplifies serial data communication with remote devices using the MADI line.

Cascading / Signal Routing

The signal routing is adjustable in blocks of 16 channels. Cascading of four devices enables conversion of all 64 audio channels of a MADI signal.

Bit transparent

The embedder can be deactivated to embed user bits from the AES inputs (OFF) or bypassed to preserve the incoming user bits (UBit Bypass).

RS-232 compliance

The serial data is embedded in MADI user bits 1- 9 and the process is compatible with the embedder used by Studer/Soundcraft.

Clocking

Intelligent automatic clocking speeds up the setup and enhances reliability.

TECHNICAL DETAILS

MADI Ports (I/O):	2 x SC-Socket multi/single-mode or 1 x SC-Socket multi/single-mode 1 x coaxial BNC, 75 Ω
Digital (I/O):	2 x DSUB-25 8 x AES3, balanced, AES59 compliant
Sample Rates: MADI Formats (I/O):	44.1, 48, 88.2, 96, 176.4, 192 kHz 48k Frame, 96k Frame, 56/64 channel, S/MUX
RS-232: USB:	DSUB-9 male Mini USB 2.0 for firmware updates
Power Supply:	2 x Hirose DC input (7- 24 V)
Dimensions:	Width 140 mm Height 42 mm Depth 140 mm
Weight:	about 0.8 kg

Service

The device can be updated with a new or customised firmware via the integral USB port.

Safe, reliable operation

Two robust Hirose sockets are available to plug in up to two external power supply units or battery packs for safe operating conditions with redundancy.

EXBOX.AES - a handy and powerful AES front end for MADI systems.



Port Configurations:

