

SPLIT.CONVERTER

4 PORT MADI SPLITTER & CONVERTER



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DirectOut
TECHNOLOGIES

SPLIT.CONVERTER

is a combined format converter and signal splitter for MADi (AES10). It allows for instantaneous conversion of optical MADi signals into coaxial signals and vice versa. Using the straightforward source selector on the front panel, each MADi output port can be fed by any input port.

All ports are fully independent from each other allowing the SPLIT.CONVERTER to route and convert up to four asynchronous MADi streams simultaneously.

- Two I/O configurations are available:
- 2 x coaxial (BNC) & 2 x optical SC*
 - 4 x optical SC*

* multi-mode or single-mode

Bit transparent

The routing is bit transparent and works without delay. All common sample rates (up to 192 kHz) and MADi formats (48k/96k frame, 56/64 channels) are supported. This means that even proprietary adaptations of MADi will pass through the unit in their native state.

TECHNICAL DETAILS

MADI Ports (I/O):	2 x SC-Socket multi-mode & 2 x coaxial BNC, 75 Ω or 4 x SC-Socket multi-mode
Power Supply:	2 x 84 V to 264 V AC / 47 Hz to 63 Hz / safety class 1
Dimensions:	Width 19" (483 mm) Height 1 RU (44.5 mm) Depth 10" (254 mm)
Weight:	about 3 kg

Applications

- Switching converter units between control rooms
- Redundancy splitter/switch for recording or live sound applications
- Splitter for live sound application (FoH, monitoring, recording)

Safe operation

Thanks to two phase-redundant power supplies with separate IEC inlets and AC power switches on the rear panel the device offers the highest reliability.



SPLIT.CONVERTER optical

with four optical SC modules is available on demand. Additionally a possible mixed assembly of single mode / multi mode SC modules allows for single mode / multi mode conversion ('MuSiCo').



Port Configurations:

