4-Channel Mic/Line Input Dante Converter with built-in DSP Mixer

EuroBlock Model MM-4D/IN-E
XLR Model MM-4D/IN-X

Building on the Dante Compact Processor series

Providing versatility, flexibility and expandability by combining multiple DCP units.

Built-in DSP 4 Mic/Line input Dante converter
to respond to various needs of contractor market and professional audio scene.

Dante 4x4
MIC/LINE In x 4

Compatible with Dante Domain Manager,
and Dante AES67 Mode

Supports +48V Phantom power

24-bit 96kHz
PoE
Remote Mic Gain Control
on-Board DSP
8 IN/4 OUT Matrix Mixer

Power over Ethernet
Compact 1U half-rack size processor series for Dante system

The MM-4D/IN is compact converter that converts 4-channel Mic/Line input signals into Dante signals. With half the size of a standard 1U rack, the MM-4D/IN is suitable for different Dante systems as an analog output unit. The built-in DSP mixer enables small scale systems to fully perform with a variety of input/output units from the TASCAM Dante Compact Processor Series. MM-4D/IN supports up to 96kHz/24bit and uses Euroblock connectors for analog Mic/Line input/output. Available with EuroBlock connector model (MM-4D/IN-E) and XLR connector model (MM-4D/IN-X).

Phantom power and remote gain control compatible Mic pre-amps

The installed Mic pre-amps support phantom power (+48V) and the input gain can be remote controlled via TASCAM DCP CONNECT software, via Dante or other external controllers.

TASCAM studio quality Mic pre-amps installed

The MM-4D/IN has two natural-sounding, high grade TASCAM mic preamps made with all the knowledge and experience cultivated through the years in the making of pro audio equipment. Input range covers from –74 dBu to +26 dBu, with equivalent input noise achieving less than -125 dB, and signal-to-noise ratio over 105 dB.

Compressor, 4 parametric EQ, auto level, and more effects included

They can be finely adjusted depending on the Mic/Line equipment used.

Built-in 8 in / 4 out matrix mixer

Using the built-in matrix mixer, users can mix up to 8 different sources (4-channel Mic/Line inputs with 4-channel Dante inputs) and configure the settings on each of the four output zones. The matrix mixer is also equipped with a ducking function and an ambient noise compensator function, which detects the level of environmental sounds and automatically adjusts the input level of the source.

Input/output routing

Flexible routing allows users to choose the output zone of 4 Mic/Line inputs or the built-in matrix mixer output zone as 4 Dante output. The MM-4D/IN can also be used as a simple Mic/Line input unit by bypassing the matrix mixer.

Related Software

- TASCAM DCP CONNECT: Control software for system integrators/managers that handle the configuration and settings of an entire system, supports Windows, macOS, Android, and iOS. (Free download)
- TASCAM EZ CONNECT: Control software for end-users supports Windows, macOS, Android, and iOS. (Free downloads)

Other features

- Supports Dante Domain Manager, and AES67 Mode
- Mic Pre-amps supporting +48V Phantom Power and Remote Gain Control
- High quality and high performance Mic Pre-amps
- 50 Scene presets triggered by SNTP-based Timer events
- Supports PoE
- Remote control via control software
- Installable according to usage/environment

Specifications

Audio performance (MIC IN → DANTE OUT)

<table>
<thead>
<tr>
<th>Mic Amp EIN</th>
<th>-125dB or less</th>
</tr>
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<tbody>
<tr>
<td>Frequency response</td>
<td>20Hz to 20kHz (Fs=44.1kHz/48kHz)</td>
</tr>
<tr>
<td>THD (THD±HI)</td>
<td>0.003% or less</td>
</tr>
<tr>
<td>Signal-to-Noise ratio</td>
<td>108dBu or higher</td>
</tr>
<tr>
<td>Cross talk</td>
<td>100dBu or higher</td>
</tr>
<tr>
<td>Dynamic range</td>
<td>108dBu or higher</td>
</tr>
<tr>
<td>Operating power</td>
<td>PoE Class0</td>
</tr>
<tr>
<td>Power consumption</td>
<td>7.5W</td>
</tr>
<tr>
<td>Dimensions (W×HxD)</td>
<td>214 × 44.45 x 136.1mm (inc. protrusions)</td>
</tr>
<tr>
<td>Weight</td>
<td>885g</td>
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<tr>
<td>Operating temperature</td>
<td>0 to 40°C / 32 to 104°F</td>
</tr>
</tbody>
</table>

Option

- PS-1220E (AC Adapter)
- AK-RS1 ( Rack Shelf)