TASCAM®

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

EuroBlock Model **MM-2D-E**

XLR Model **MM-2D-X**

Dante With AES67

Dante Compact Processor series

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

Built-in DSP 2 Mic/Line input / 2 Line output Dante converter

to respond to various needs of contractor market and professional audio scene.

Dante 4x4
Compatible with Dante Domain Manager, and Dante AES67 Mode

MIC/LINE In x2
Supports +48V Phantom power

LINE Out x2

24-bit 96 kHz

PoE
Power over Ethernet

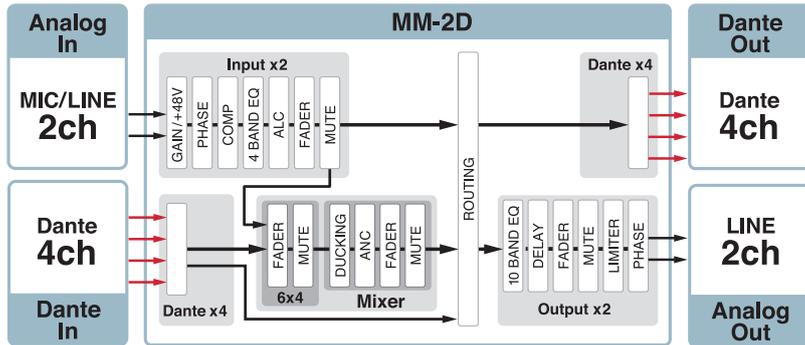### Remote Mic Gain Control

on-Board DSP

6 IN/4 OUT
Matrix Mixer

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

The MM-2D is a compact converter that converts 2-channel Mic/Line input/output signals into Dante signals. With half the size of a standard 1U rack, the MM-2D 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 models from the TASCAM Dante Compact Processor Series. MM-2D supports up to 96kHz/24bit and uses XLR connectors for analog Mic/Line input/output. Available with EuroBlock connectors (MM-2D-E) and XLR connectors (MM-2D-X).

Specifications

Audio performance (MIC IN → DANTE OUT / DANTE IN → LINE OUT)

Mic Amp EIN*:	–125dB or less *Input referred noise
Frequency response: (±0.5dB)	20Hz to 20kHz (Fs=44.1kHz/48kHz)
	20Hz to 40kHz (Fs=88.2kHz/96kHz)
THD (THD+N):	0.005% or less
Signal-to-Noise ration:	105dBu or higher
Cross talk:	105dBu or higher
Dynamic range:	105dBu or higher
Operating power:	PoE Class0
	Optional AC Adapter (PS-S1220E)
Power consumption:	6W
Dimensions (WxHxD):	214 x 44.45 x 136.1 mm (inc. protrusions)
	253 x 44.45 x 136.1 mm (with bracket)
Weight:	878g
Operating temperature:	0 to 40°C / 32 to 104°F

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

Series Lineup
● MM-4D/IN-E (MIC/LINE 4 IN、Dante 4x4、Euro Block)
● MM-4D/IN-X (MIC/LINE 4 IN、Dante 4x4、XLR)
● ML-4D/OUT-E (LINE 4 Out、Dante 4x4、Euro Block)
● ML-4D/OUT-X (LINE 4 Out、Dante 4x4、XLR)
● AE-4D (AES/EBU 4 IN、Dante 4x4)

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-2D has two natural-sounding, high grade TASCAM Mic pre-amps 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 dBu.

Compressor, 4 parametric EQ, auto level, and more effects included
They can be finely adjusted depending on the Mic/Line equipment used.

Compressor   4 Parametric EQ

Built-in 6 in / 4 out matrix mixer

Using the built-in matrix mixer, users can mix up to 6 input sources (2-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.

10 band EQ and a variety of output effects included
10 band EQ, bypass filter, low pass filter, delay, and limiter effects included. They can be finely adjusted depending on the powered speakers, or to the environment in which the unit is used.

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

Input/output routing

Flexible routing allows users to choose the output zone of 2 Mic/Line inputs, 4 Dante inputs, or the built-in matrix mixer as 2 line output and/or 4 Dante output. The MM-2D can also be used as a simple Mic/Line input unit by bypassing the matrix mixer.

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