

Model SF-XMN4 Microphone to Network Interface

- Dante Network Interface for Four Audio Mic Inputs
- Each XLR Input Provides Switch-Selectable Mic Gain: 40 dB, 48 dB or 62 dB
- 48 V Mic Phantom (P48) on each input
- Four XLR Front-Panel Inputs
- Converts Four Standard XLR Mic Sources to Dante Network Channels
- Special Software Not Required for Module Setup
- High Resolution 24 Bit Analog to Digital Conversion
- LED Indicator for Valid Power and Network Sync
- Operation from PoE Power (Class 0, IEEE 802.3af)
- Equipped for SysFlex™ Rack Mounting or Surface Mounting



The SysFlex series is a family of A/V modules providing complex interface solutions at the click of a connector. SysFlex modules provide connectorized interface between data networks and analog and digital audio devices, networked and conventional amplifiers and other application-specific solutions. In RDL's tradition of versatility, SysFlex modules can be used right where they are needed: Rack-mounted, Surface-mounted, or unmounted. They are light-weight, compact and easy to install with simple, straightforward switch settings and LED indicators. Modules quickly snap into the SysFlex rack mount and each is firmly secured with a single screw. The racking system segregates network and power wiring from the audio and digital audio connectors. For connectorized network audio endpoints and A/V system components that provide unparalleled performance and advanced features without giving up simplicity and ease of installation, SysFlex is the industry's best value.

APPLICATION: The SF-XMN4 is an interface that converts four XLR microphone inputs to Dante network audio channels. Special software is not required to configure the SF-XMN4. Each XLR input is equipped with a switch to set the gain for dynamic or condenser microphones. A dual-LED VU meter displays the level for each input to facilitate selection of the ideal gain range. The SF-XMN4 is a professional grade product with discrete mic preamplifiers for studio quality fidelity and low noise performance.

The SF-XMN4 is PoE powered. Valid PoE power and synchronization to the Dante network is indicated by a green LED visible from the front of the unit.

The SF-XMN4 is constructed in a durable, professional all-metal enclosure suitable for free-standing, surface-mounted or rack-mounted operation. This full-featured SYSFLEX product is engineered and manufactured in the U.S.A for continuous duty in demanding installations. The versatility of SYSFLEX products adds enormous flexibility in the design and installation of professional A/V systems.

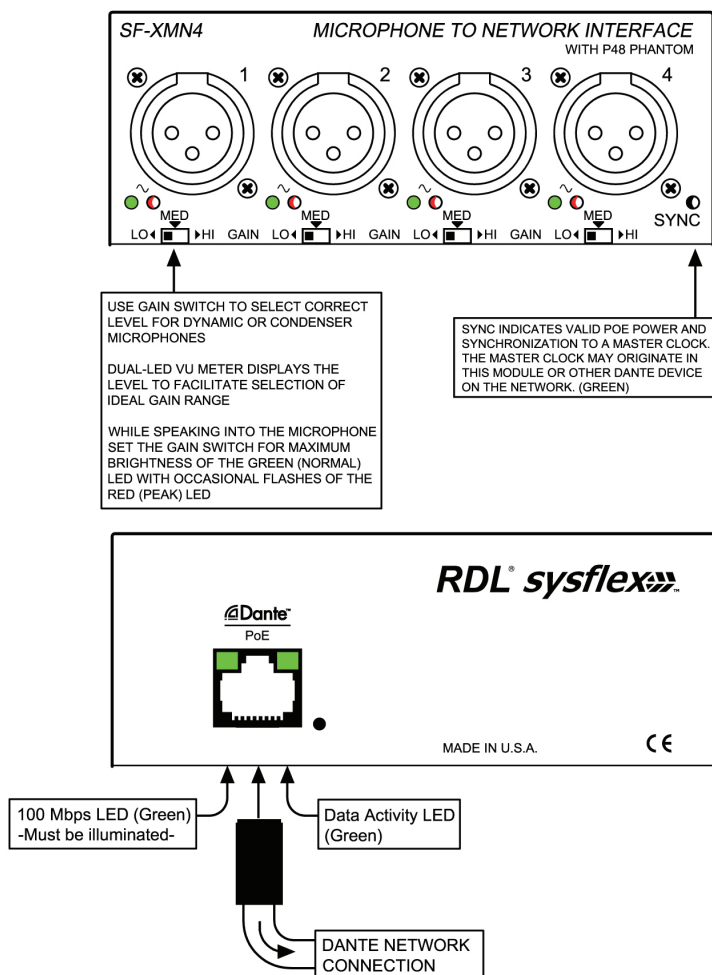
Model SF-XMN4

Microphone to Network Interface

Installation/Operation



Declaration of Conformity available from rdlnet.com.
Sole EMC specifications provided on product package.
Specifications are subject to change without notice.



TYPICAL PERFORMANCE

Network Connector:
Digital Audio Ethernet Protocol:
Transmission Rate:
Sample Rates Supported:
Bit Depth Supported:
Audio Operating Level:
Reference Level:

RJ45 with Link and Speed indicators
Dante
100 Mbps
44.1 kHz, 48 kHz (default), 88.2 kHz, 96 kHz
24 bits
-20 dBFS = +4 dBu
0 dBFS = +24 dBu

THD+N:

CMRR:
Crosstalk:

Indicators (11):

Ambient Operating Environment:
Power Requirement:
Specification Conditions:

Dimensions:

Package Type:
Package Dimensions:
Shipping Weight:
WEEE weight:
Tariff code:

< 0.1% (20 Hz to 20 kHz, +4 dBu/-20 dBFS);
0.015% at 1 kHz (typ)
> 65 dB (50 Hz to 120 Hz)
Below Noise Floor
(20 Hz to 20 kHz at operating level,
any input to any input, max. mic gain)
Ethernet Link and Speed (2, rear panel);
Sync (front panel);
dual-LED VU meter (8 LED, front panel)
0° C to 50° C
PoE Class 0, IEEE 802.3af
Gain/Level: ± 1 dB; Source termination: 150 Ω;
A to D values measured in digital domain
4.23" (10.74 cm) W; 1.68" (4.27 cm) H;
5.77" (14.66 cm) D
Cardboard Box
7 x 4.375 x 2.25 in.
1.445 lbs.
1.23 lbs.
8517.18.0050

Inputs (4):
Gain:

Input Level (for +4 dBu/-20 dBFS):
Input Level (maximum):
Input Impedance:
Phantom Power:
Standard for Phantom:
Frequency Response:
Equivalent Input Noise:
Noise below -20 dBFS (20 to 20 kHz):

XLR (female)
Mic: 40 dB (LO), 48 dB (MED), 62 dB (HI);
front-panel selectable
Mic: -36 dBu (LO), -44 dBu (MED), -58 dBu (HI)
Mic: -16 dBu (LO), -24 dBu (MED), -38 dBu (HI)
> 2.5 kΩ
P48, 48 Vdc
IEC 61938: 2013
20 Hz to 20 kHz (± 0.5 dB)
-130 dBu (62 dB gain); -132 dBu A-Weighted
Mic: < -72 dB (LO), < -72 dB (MED), < -68 dB (HI)

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