Model EU-RN02M
Wall-Mounted
Mic Output Dante Interface 0 x 2

Field-Replaceable Black Laminate Included
Black Cover Plate not Included

EU-RN02M (As Shipped)

Rear with Mounting Bracket Installed

- EU Series Dante or AES67 Network Interface for Two Audio Outputs
- Two Balanced Mic-Level Outputs on Front-Panel XLR Jacks
- Outputs Equipped with Software-Controlled Attenuator in 1 dB Steps
- Compatible with RDL Network Remote Controls

- High Resolution 24 Bit Digital to Analog Conversion
- Legendary RDL Studio Quality, Low-Noise Performance
- Module is Configured and Adjusted Using RDL CONSOLE or Other Network Control Software
- Fits 60 mm Deep European Electrical Box Using Included Adapter Plate
- Supplied With White Cover Plate and Alternate Black Front-Panel Laminate

APPLICATION: The EU-RN02M is a complete wall-mounted Dante or AES67 audio mic output network interface. It features two balanced XLR mic outputs on the front panel. The module is configured and adjusted using RDL CONSOLE or other network control software. The EU-RN02M fits a standard 60 mm deep European electrical box. The EU-RN02M is PoE powered and is supplied with a white front panel and cover plate. A field-installable black front panel laminate is included with the EU-RN02M.

Two Dante or AES67 audio channels are converted to balanced mic level feeding front-panel XLR jacks. Each output provides balanced -45 dBu for a network digital audio level of -18 dBFS. Each output is equipped with a software-controlled attenuator adjustable in 1 dB steps to a maximum attenuation of 63 dB, then OFF.

Valid PoE power and synchronization to the Dante network are indicated by a green LED visible from the front of the unit.

The EU-RN02M is a professional grade product delivering studio-quality fidelity and low noise performance, coupled through XLR jacks housed in a steel chassis finished with a reverse-printed laminate.

The EU-RN02M's superior performance specifications make it ideally suited to installations requiring network control and exceptional value in commercial networked audio systems. This full-featured product is engineered and manufactured in America with quality U.S. and imported components for continuous duty in demanding installations. Designed to outperform. Built to last.

Field-replaceable Black Laminate included. Black cover plate not included.
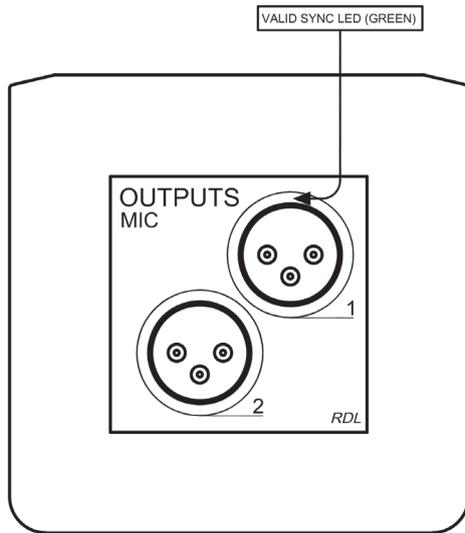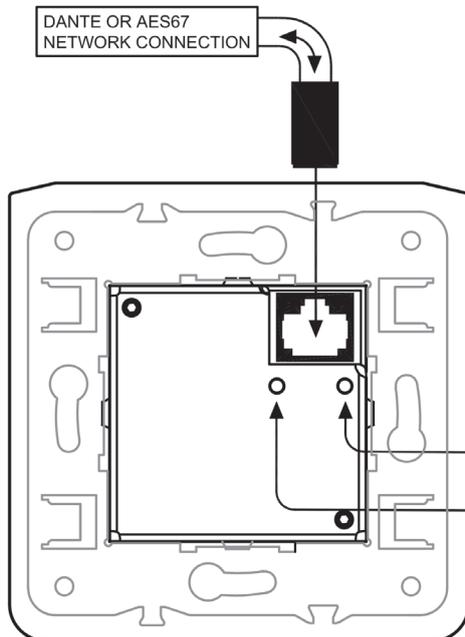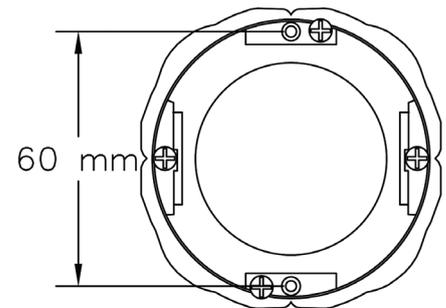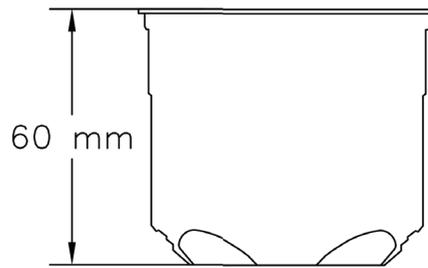
Model EU-RN02M
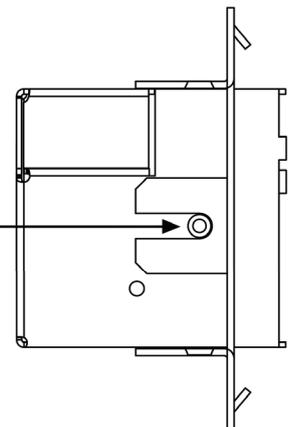**Wall-Mounted**
Mic Output Dante Interface 0 x 2

This product is not specified to provide basic insulation from network cabling not installed wholly within the same building structure or terminated on equipment earthed to a different earthing network.

VALID SYNC LED (GREEN)

OUTPUTS
MIC
1
2
RDL

The EU-RN02M requires a 60 mm deep junction box.

60 mm

60 mm

DANTE OR AES67
NETWORK CONNECTION

Data Activity LED
(Green)

100 Mbps LED (Green)
-Must be illuminated-

4 x Torx Screw
Hand tighten only; Do NOT overtighten.

Model EU-RN02M
Wall-Mounted
Mic Output Dante Interface 0 x 2

Installation/Operation

CE 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:	RJ45 with Link (Data Activity) and Speed indicators
Digital Audio Ethernet Protocol:	Dante or AES67
Transmission Rate:	100 Mbps
Sample Rates Supported:	44.1 kHz, 48 kHz (default), 88.2 kHz, 96 kHz
Bit Depth Supported:	24 bits
Audio Operating Level:	-18 dBFS = -45 dBu
Reference Level:	0 dBFS = -27 dBu
Outputs (2):	Balanced, XLR
Output Level (operating):	-45 dBu (nominal) balanced
Output Level (maximum):	-27 dBu balanced
Output Attenuator:	Software-controlled, 0 to -63 dB and OFF (analog output per received network channel)
Output Impedance:	150 Ω balanced
Frequency Response:	20 Hz to 20 kHz (± 0.5 dB)
THD+N:	< 0.1%
THD:	< 0.01% (1 kHz)
Noise:	< -80 dB (below -45 dBu); < -100 dB (below -27 dBu)
Crosstalk:	Below Noise Floor (20 Hz to 20 kHz at operating level, output to output)
Headroom above -45 dBu:	> 18 dB
Indicators (3):	Ethernet Link and Speed (2, rear panel); Sync (front panel)
Ambient Operating Environment:	0° C to 40° C
Power Requirement:	PoE Class 0, IEEE 802.3af
Specification Conditions:	Gain/Level: ± 1 dB; Output external termination > 1,000 Ohms
Dimensions:	1.77" (4.50 cm) W; 1.77" (4.50 cm) H; 1.86" (4.73 cm) D
Package Type:	Cardboard Box
Package Dimensions:	2.25 x 4.3 x 4.9 in.
Shipping Weight:	0.540 lb.
WEEE weight:	0.360 lbs.

Field-replaceable Black Laminate included. Black cover plate not included.

Safety Instructions/Consignes de sécurité/
Instrucciones de seguridad/Sicherheitshinweise:

EU Importer:
Importateur de l'UE:
Importador de la UE:
EU-Importeur:

RDL Europe B.V.
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1114 AN Amsterdam

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