SONIX WP-ADA2

2X INPUT & 2X OUTPUT ANALOGUE XLR TO DANTE® CONVERTER

The 2x Input & 2x Output Analogue XLR to Dante® Converter is a high-performance audio endpoint designed to bridge conventional analog audio hardware into Dante® IP digital networks. Housed in a robust metal chassis with an aluminum front panel, this unit is engineered as a standard 2-GANG EU/UK wall plate, making it ideal for both permanent AV architectural installations and demanding live/rental environments.

SONIX WP-ADA2

Helvia-SoniX-WP-ADA2-3QtrR-Rear.jpg



Helvia-SoniX-WP-ADA2-Front.jpg



Helvia-SoniX-WP-ADA2-3QtrR-Main.jpg

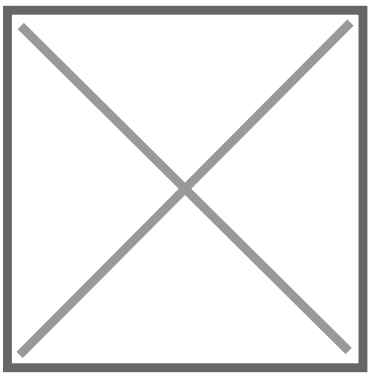
Phantom Power Dante™ Digital Audio

Via Enzo Ferrari 10
62017 Porto Recanati (MC), Italy
info@frenexport.it

SONIX WP-ADA2

2X INPUT & 2X OUTPUT ANALOGUE XLR TO DANTE® CONVERTER

HIGHLIGHTS



EVERYTHING AT YOUR FINGERTIPS

It features two balanced/unbalanced XLR analog inputs with 5-level **sensitivity adjustment** and selectable **+48V phantom power**, alongside two balanced/unbalanced XLR analog outputs with 5-level gain control. Built on the **Dante® Ultimo 2x2 solution**, it delivers crystal-clear 24-bit audio sampling up to 96kHz, configurable latency down to 1ms, and full **AES67 interoperability**. For maximum installation flexibility, the unit supports both Power over Ethernet (**PoE** Class 1 802.3af) and local 12VDC terminal block powering. Each unit comes complete with a heavy-duty plastic wall back box for clean, secure surface or flush-mount installation.

Via Enzo Ferrari 10
62017 Porto Recanati (MC), Italy
info@frenexport.it

SONIX WP-ADA2

2X INPUT & 2X OUTPUT ANALOGUE XLR TO DANTE® CONVERTER

PRODUCT DETAILS

KEY FEATURES

- Bidirectional Dante® Audio Bridging: 2x analog inputs and 2x analog outputs (Dante® in and Dante® out) over a single network connection.
- Versatile XLR Connectivity: Balanced and unbalanced Female XLR inputs and Male XLR outputs for direct connection to microphones, mixers, and audio processors.
- Mic Phantom Power (+48V): Dedicated front-panel push buttons with backlit LED indicators for independent +48V phantom power on each input channel.
- Precise Gain & Sensitivity Control: 5-level rotary knobs for input sensitivity (+24dBu to -28dBv) and output gain (+18dBu to -10dBv) adjustment.
- Professional Audio Quality: Supports uncompressed 24-bit digital audio sampling at 44.1kHz, 48kHz, 88.2kHz, and 96kHz with ultra-low THD+N (< 0.015%).
- Configurable Network Latency: Adjustable Dante® device latency options (1ms, 2ms, or 5ms) via Dante® Controller.
- AES67 & Network Standard Support: Fully compatible with AES67 RTP audio transport for enhanced network interoperability.
- Flexible Powering Options: Operates via PoE (Class 1 IEEE 802.3af) or local 12VDC/500mA terminal block power supply.
- Included Mounting Hardware: Comes supplied with a custom 2-GANG plastic wall back box for hassle-free surface or in-wall mounting.
- Rugged 2-GANG Form Factor: Built with a durable aluminum front panel and iron chassis designed to fit standard EU/UK wall cutouts.

SPECIFICATIONS

Network Bandwidth	100M
Control Method	Dante® Controller
Audio Latency	Configurable Dante® device latency (1, 2 or 5ms configurable using Dante® Controller)

Via Enzo Ferrari 10
62017 Porto Recanati (MC), Italy
info@frenexport.it

SONIX WP-ADA2

2X INPUT & 2X OUTPUT ANALOGUE XLR TO DANTE® CONVERTER

Dante® Audio Formats	DANTE [Digital audio in/out, PCM 2CH 44.1K–96KHz 16/24Bit]
Analog LINE Input	LINE In [analogue audio, Balanced/unbalanced connection, Max input level 24dBu]
Analog MIC Input	MIC In [analogue audio, Balanced/unbalanced connection, Max input level 50mVRMS, +48V phantom power]
Analog Output	LINE Out [analogue audio, Balanced/unbalanced connection, Max output level 18dBu]
Output Impedance	300 Ohm
Maximum Output Level	18dBu
Frequency Response	20Hz to 20kHz (-/+0.5dB)
Dynamic Range	> 90dB@0dBu, 1kHz A-weighted
Audio S/N Ratio	> 90dB@0dBu, 1kHz A-weighted
Audio THD+N	< 0.015% at +4dBu, 1kHz
Transmission Distance	100m / 328ft (CAT6/6A/7)
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Rear Connectors	1x DANTE [RJ45 connector, PoE], 1x DC/12V [2pin-3.5mm phoenix connector]
Front Connectors	2x Audio In [3-pin XLR Female], 2x Audio Out [3-pin XLR Male]
Front Controls	2x MIC Phantom Power 48V buttons with backlit LED, 2x Audio IN sensitivity knobs (5-level
Front Status LEDs	1x Power LED (Green), 1x ID LED (Green)
Housing	Aluminum panel + Iron chassis
Color	White panel + Silver chassis
Wall Plate Dimensions (W x H x D)	136 mm x 75 mm x 40.7 mm (5.35 in x 2.95 in x 1.60 in)
Faceplate Dimensions (W x H x D)	146 mm x 85 mm x 5 mm (5.75 in x 3.35 in x 0.20 in)
Included Plastic Wall Box Dimensions (W x H x D)	138 mm x 83 mm x 56 mm (5.43 in x 3.27 in x 2.20 in), Mounting Hole Spacing

Via Enzo Ferrari 10
62017 Porto Recanati (MC), Italy
info@frenexport.it