Luna Edge Flat

Part of the Luna Edge Series
by S-Track | SAS

Luna Edge Flat

2-Channel Dante™ Analog I/O Wall Panel

Product Overview

The Luna Edge Flat is a compact, flush-mounted Dante™ audio interface designed for seamless analog input and output connectivity within networked AV environments. Engineered for reliability, ease of use, and elegant in-wall installation, it bridges traditional audio equipment and Dante networks with studio-grade performance and intuitive functionality.

Ideal for conference rooms, classrooms, public address systems, and decentralized audio environments, the Luna Edge Flat brings professional-grade Dante integration to the wall — without compromising on audio quality or control.

Key Features

- Built-in Dante Module - Converts balanced analog audio to Dante™ digital signal for seamless network integration and distribution.

- 2-Channel Analog I/O
  Equipped with dual 3-pin XLR connectors for both inputs and outputs, supporting balanced mic and line-level audio.

- Phantom Power & Gain Control
  Selectable +48V phantom power and input gain adjustment per channel, enabling direct connection of condenser microphones.

- POE Powered
  Supports 802.3af/at Power over Ethernet (PoE) — no local power supply required.

- Status Indicators & Control Interface
  Panel-mounted signal indicators, clipping LEDs, phantom status indicators, and rotary control with push-button navigation.

- Simple Dante Routing
  Easily configured via Dante Controller for integration with any Dante-compatible audio system.

- Flushmount Form Factor
  Clean, compact in-wall design ideal for visible AV installations where space and aesthetics matter.

Specifications

Luna Edge Flat

Input interfaces	2×3-pin XLR female connectors; 1×RJ45 connector for transmitting 2 channels of Dante network audio
Output interfaces	1×RJ45 connector for transmitting 2 channels of Dante network audio; 2×3-pin XLR male connectors
Phantom Power	DC 48V
Input Impedance (Balanced)	20kΩ
Output Impedance (Balanced)	100Ω
Common Mode Rejection	60dB @50 Hz
Dynamic Range	> 100dB
Frequency Response	30Hz～20kHz, ±0.5dB
Noise Floor	-90dBu
Signal-to-Noise Ratio	> 100dB
THD+N	≤0.005%@1kHz, +4dBu
Channel Isolation	> 100dB @1kHz
Maximum Output Level	20dBu
Maximum Input Level	18dBu
Sampling Rate	48kHz
Bit Depth	24-bit
Network Transmission	Dante IP/AES67/RTP Audio
Dante Device Latency	1、2 or 5ms (Dante Controller Configuration)

Specifications

Luna Edge Flat

Power Supply	802.3af、802.3at Standard POE switch
Power Consumption	5W
Operating Temperature and Humidity	0℃～40℃, 10%～90%RH, No condensation
Product Dimensions (L×W×H)	120mm×117mm×57mm
Weight	0.63kg
Package Dimensions (L×W×H)	145mm×145mm×80mm
Package Weight	0.73kg