



Description

The InX2 CobraNet Audio Input Interface is a cost effective two input, mic/line level wall box or DIN Rail mountable device. The InX2 features switchable mic/line gain, Switchable +12 V phantom power, and clipping indicators for each channel. The InX2 is designed to fit into most dual gang junction boxes or DIN Rail 3 (35mm) applications. It is PoE enabled, so all connectivity (both power and audio data) to the InX2 is provided by a single CAT-5 cable. The InX2 is the ideal solution for inserting background music or program audio into the system.

Features

- Two balanced female XLR/TRS combo input connectors
- Mounts in a standard dual gang junction box or DIN Rail 3
- Input gain selection for line and mic, switchable per channel
- 12VDC Phantom Power, switchable per channel
- Bicolor LED indicators for signal present and clipping
- Powered by a standard PoE network switch
- Inputs can be used for background music or local program audio source

Specifications

Electrical

Input Type	Balanced and RF Filtered
Input Impedance (Mic).....	2kΩ
Input Impedance (Line)	120kΩ
Mic Gain	+30dBu
EIN (Mic Mode).....	-109dBu
Frequency Response (Mic Gain).....	50Hz – 20kHz, ±1dB
Frequency Response (Line Gain).....	20Hz – 20kHz, ±1dB
Maximum Input Level.....	+8dBu
THD	<0.05%, 1kHz, 3dB below clipping
Phantom Power.....	+12VDC
Device Power	Class 2 802.3af PoE PD Compliant
PoE Power Consumption.....	4W

Indicators

Signal Present (Yellow LED)	-6dB below clipping
Clip (Red LED)	clipping

Connectors

Inputs (2)	non-latched female XLR/TRS Combo connector
Network	RJ45

Mechanical

Height.....	2.75" (7.0 cm)
Width.....	3.60" (9.2 cm)
Depth.....	1.88" (4.8 cm)
Recommended Minimum Mounting Depth.....	2.50" (6.4 cm)
Mounting	Standard 2-gang low-voltage mounting bracket or box

Environmental

Operating Temperature Range	+32 °F – +104 °F (0 °C – +40 °C)
Storage Temperature Range	-4 °F – +158 °F (-20 °C – +70 °C)