

### InBox X2 Overview

The InBox X2 CobraNet Audio Input Interface is a cost effective two input, mic/line level wall box. The X2 features switchable mic/line gain, switchable +12V phantom power, and clipping indicators for each channel. The X2 is designed to fit into a standard dual gang junction box and is PoE enabled, so all connectivity (both power and audio data) to the X2 is provided by a single CAT-5 cable.

### Applications

Convenient, wall mounted mic/line input drops for:

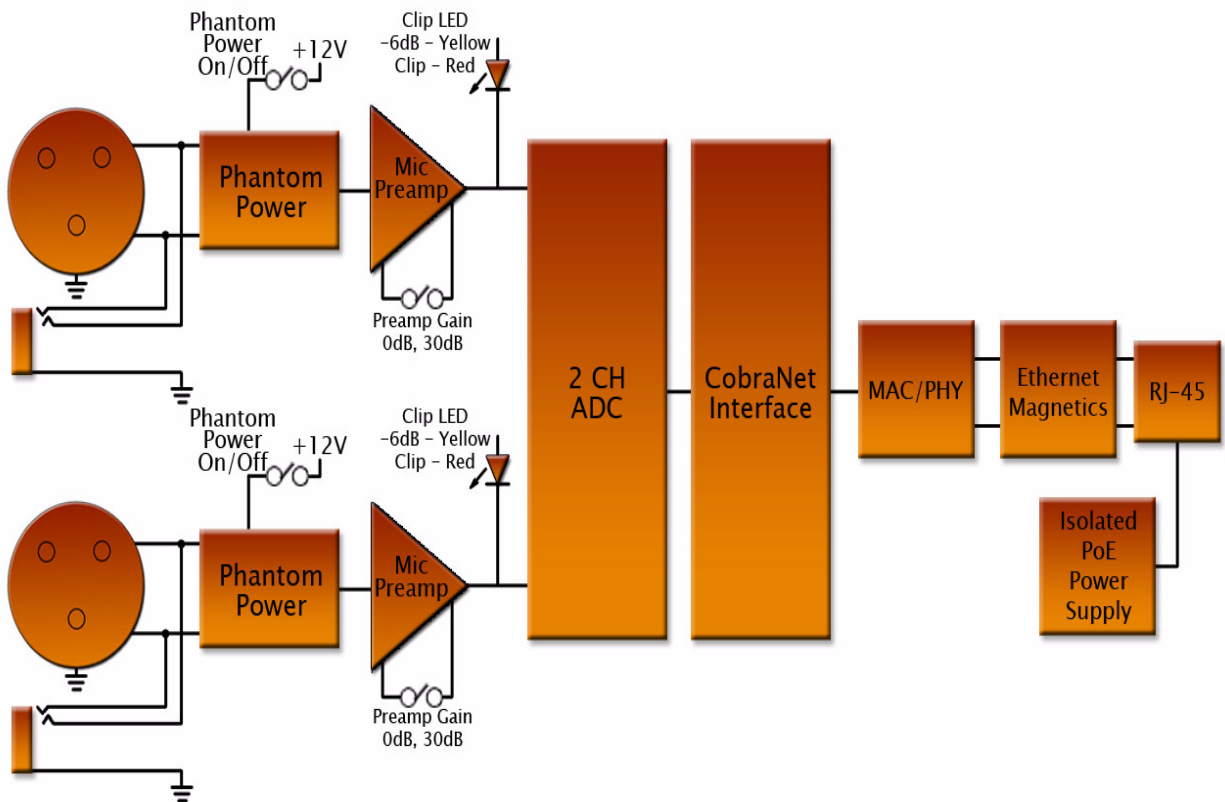
- Hotel ballrooms
- Conference/meeting centers
- Conference rooms
- Sports facilities
- Convention centers

### Features

- Two balanced female XLR/TRS combo input connectors
- Mounts in a standard dual gang junction box
- Input gain selection for line (0dB) and mic (+30dB), switchable per channel
- +12V Phantom Power, switchable per channel
- Bicolor (yellow/red) clipping indicators for -6dB below full scale and clipping per channel
- PoE powered from a standard PoE network switch
- Enclosure size is 2.75"H x 3.5"W x 1.875"D



### InBox X2 Block Diagram



#### Specifications in Brief:

<b>Mic/Line Input Type:</b>	Balanced and RF Filtered
<b>Phantom Power:</b>	+12V, switchable
<b>Maximum Input Level:</b>	+8dBu without clipping
<b>Input Impedance:</b>	2kΩ in Mic mode, 120KΩ in Line mode
<b>Mic Gain:</b>	+30dB
<b>EIN (Mic mode):</b>	-109dBu
<b>Freq. Response (Mic gain):</b>	50Hz-20kHz, +/-1dB
<b>Freq. Response (Line gain):</b>	20Hz-20kHz, +/-1dB
<b>System THD:</b>	<0.05%, 1kHz, 3dB below input clipping
<b>Inputs:</b>	2 non-latched female XLR/TRS Combo connectors
<b>Clip LEDs:</b>	Yellow @ -6dB below clipping, Red @ clipping
<b>Power Consumption:</b>	4W
<b>PoE Class:</b>	Class 2 802.3af PoE PD Compliant
<b>Dimensions:</b>	3.5" W x 2.75" H x 1.875" D

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