

The analog input card provides four channels of mic/line input with +48 volts phantom power, 54 dB of gain and 24 dB of trim. The inputs are electronically balanced and provided on plug-in barrier strip connectors. Control of each input includes gain with metering, trim, mute and signal inversion.

## Features:

- Mic/line input card. Up to 4 cards per frame.
- +48 volts phantom power.
- 54 dB of mic pre-amp gain.
- Extended dynamic range of 115 dB.
- Field swappable by certified technicians.



## Electrical Specifications

<b>Number of Inputs</b>	Four (4) switchable balanced mic or line level.	<b>CMRR</b>	> 76 dB @ 1 kHz, unity gain.
<b>Connectors</b>	3.81 mm terminal blocks.	<b>Input Impedance</b>	8k Ohms balanced, 4k Ohms unbalanced.
<b>Nominal Input Level</b>	+4 dBu with 20 dB of headroom.	<b>Phantom Power (per input)</b>	+48 VDC @ 10 mA maximum.
<b>Maximum Input Level</b>	+23 dBu	<b>Dynamic Range</b>	> 115 dB, A-weighted.
<b>Mic Pre-amp Gain</b>	0, 11.8, 24, 44 or 54 dB switchable with $\pm 24$ dB trim.	<b>THD + Noise</b>	< -94 dB, unweighted; 1 kHz @ +22 dBu with 0 dB gain.
<b>Mic Pre-Amp EIN</b>	< -127dB with 150 Ohm source impedance.	<b>Latency</b>	0.28 mS

## Mechanical Specifications

Items	Specifications	Remarks
<b>Shipping Weight</b>	1 lbs. (0.45 kg)	
<b>Certifications or Compliance</b>	EN 55103-1, EN 55103-2, FCC Part 15, RoHS.	

## Architect and Engineer Specifications: Symetrix 4 Channel Analog Input Card.

The device shall provide four analog mic/line inputs to an Edge or Radius AEC frame that are adjustable from line to mic level with coarse gain, fine trim and phantom power. Up to four of these devices may be installed in a single Edge frame for up to sixteen channels of local input and up to one of these devices may be installed in a single Radius AEC frame for up to four channels of local input. Levels, phantom powers, signal inversions and mutes shall be controllable via software. Audio inputs shall be accessed via rear panel 3.81 mm terminal block connectors.

Audio conversion shall be 24-bit, 48 kHz. The dynamic range shall not be lower than 115 dB, A-weighted with a maximum input level of +23 dBu.

The device shall comply with CE and FCC Part 15 emissions limits. The device shall be RoHS compliant. The mounting plate shall be constructed of cold rolled steel, and mount into a Radius AEC or Edge frame I/O card slot. The device shall be a Symetrix 4 Channel Analog Input Card.

