

LINE IN

Manual



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THINGS TO KNOW

What is 1U?

1U is a measurement of height in the 19" rackmount standard. Eurorack modules adhere to 3 rack units, or 3U. Mosaic tiles adhere to 1 rack unit in height, and require appropriate rails to mount in a rack or modular case.

What 1U format are Mosaic modules?

We ship our modules with [Intellijel 1U formatted front panels](#). If you use the Pulp Logic format, don't worry! You can purchase Pulp Logic replacement front panels on our [Replacement Panels page](#).

Mosaic Color Guide

Each color indicates a function across the Mosaic lineup.

Green: Audio Signals

Purple: Gate Signals

Blue: Control Voltage

OVERVIEW

Description

Sound goes in, possibilities come out.

Meet our line to modular level input converter. With the ability to input stereo audio, and a built-in gain knob to dial in your levels, Input allows you to process your desktop and pro audio gear inside the modular environment.

- Stereo Line Input (Unbalanced)
- Great for keyboards, desktop synths, audio interface outputs and more
- Attenuator for level adjustment

Tech Specs

- Width: 8HP
- 38mm
- Front Panel: Ships in Intellijel format. Pulp Logic replacement panels available [here](#).
- Current Consumption: +12V = 23mA, -12V = 21mA

Installation

To install, locate space in your Eurorack case for your 1U module, and confirm the positive 12 volts and negative 12 volts sides of the power distribution lines. Plug the connector into the power distribution board of your case, keeping in mind that the red band corresponds to negative 12 volts. In most systems, the negative 12 volt supply line is at the bottom. The power cable should be connected to the module with the red band facing the front of the module.

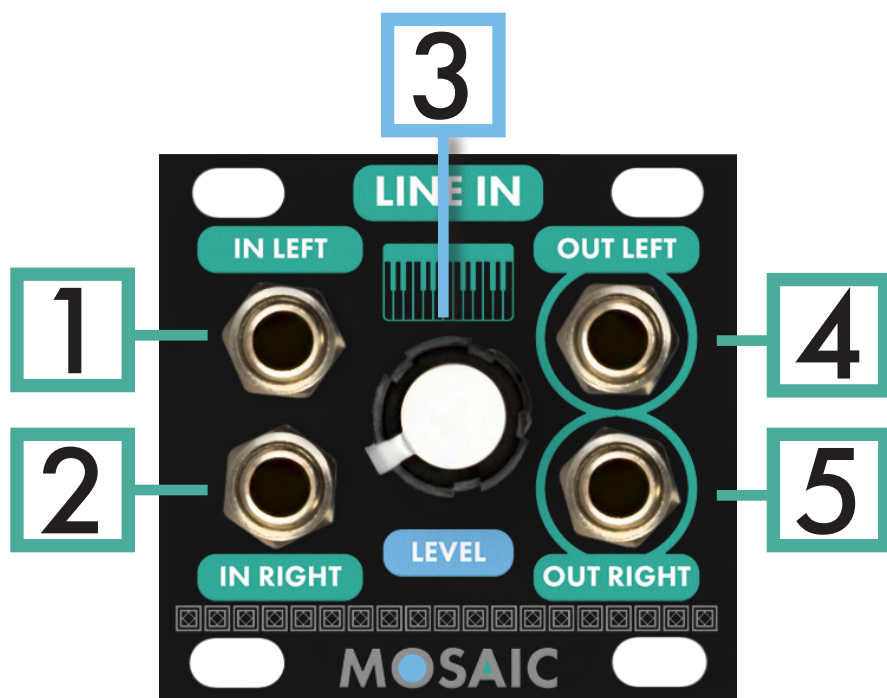
DETAILS

How It Works

Have you ever tried plugging your desktop synthesizer into your brand new modular gear, and the results were not quite what you expected? A common caveat within the electronic instrument world is the varying signal levels between them. In the case above, it is important to note that modular level signals are 10x hotter than line level signals, which can cause a host of issues and damage regardless of signal direction.

Utilities such as the Line In allow for intercompatibility between instruments of varying signal levels, allowing artists to send their line level synthesizers, samplers, and more into their modular gear. Line In thus opens up new sound design pathways for artist to explore and use in their creative endeavors!

Diagram



DETAILS

1. In Left

Line level input for the left channel. When no cable is present in the right input, the left input normals to both channels.

2. In Right

Line level input for the right channel.

3. Gain Knob

Increases the gain of the line level input to meet modular levels. When the knob is fully left, the output signal is silent. When the knob is fully right, the output signal receives +18db of gain.

Range: $-\infty$ db to +18db gain

4. Out Left

Modular level output for the left channel.

5. Signal Output

Modular level output for the right channel.