

LINE OUT

Manual



MOSAIC

CONTENTS

Things To Know	1
Overview	2
Details	3

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

Take your patch down a notch with the Line Output 1 U tile. Line Output is a modular level to line level adjustment module, with knob control over your output level to get it just right. Turning your modular system into an open-ended audio pathway has never been easier.

- Modular to Line level adjustment (unbalanced)
- Perfect for sending modular to mixers, audio interface, desktop effects, and more
- Knob control over output level

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 1 U 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.

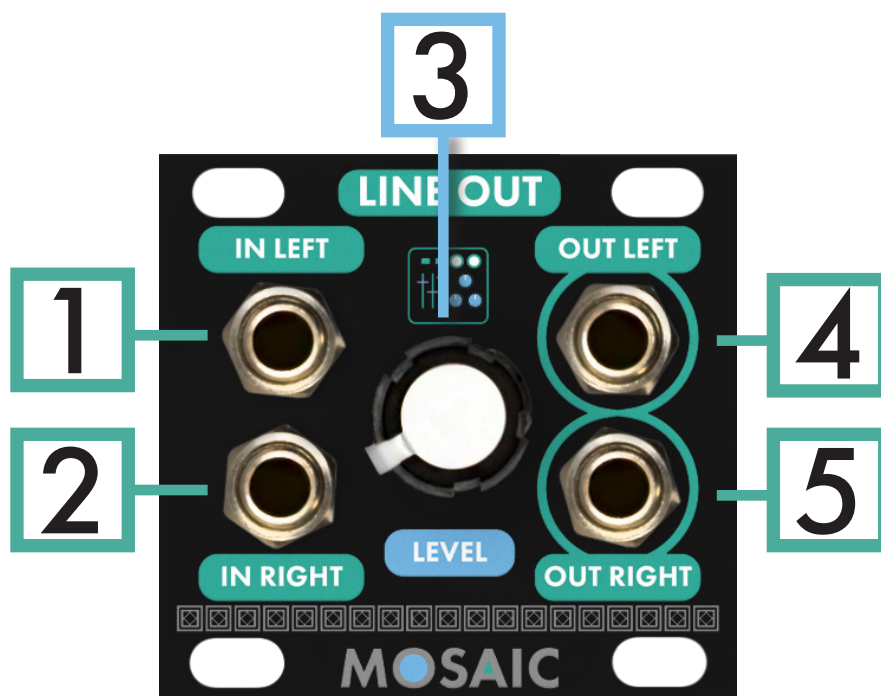
DETAILS

How It Works

Modular levels are hot. Compared to line level signals, modular levels are 10x hotter, which can cause issues and damage to your line level gear. Using an output module, however, can mitigate any possible issue of damaging your gear, while simultaneously opening up new avenues of sonic expression.

In the case of the Line Output module, the modular level signals are attenuated to match line level signals. Some output modules offer fixed attenuation, while others will have control over attenuation via a knob such as Line Output has, allowing for dynamic modulation of the signal. With proper output, you can send your patch out to a mixer, a sampler, and more with peace of mind!

Diagram



DETAILS

1. In Left

Modular 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

Modular level input for the right channel.

3. Gain Knob

Attenuates the modular level input to line level signals. When knob is fully left, the signal is fully attenuated leaving only silence. When the knob is fully right, the signal is attenuated 6db.

Range: $-\infty$ db to -6db

4. Out Left

Line level output for the left channel.

5. Signal Output

Line level output for the right channel.