

FOUR CHANNEL MIXER

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

Blend your signals together with Mixer, our 4 input mixing solution! With DC coupled inputs, Mixer works well with both audio and CV signals, making it the perfect option for level controls across your system.

- 4 channel mixer
- DC coupled inputs
- Works well with both audio and CV signals

Tech Specs

- Width: 14HP
- 38mm
- Front Panel: Ships in Intellijel format. Pulp Logic replacement panels available [here](#).
- Current Consumption: +12V = 41 mA, -12V = 41 mA

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.

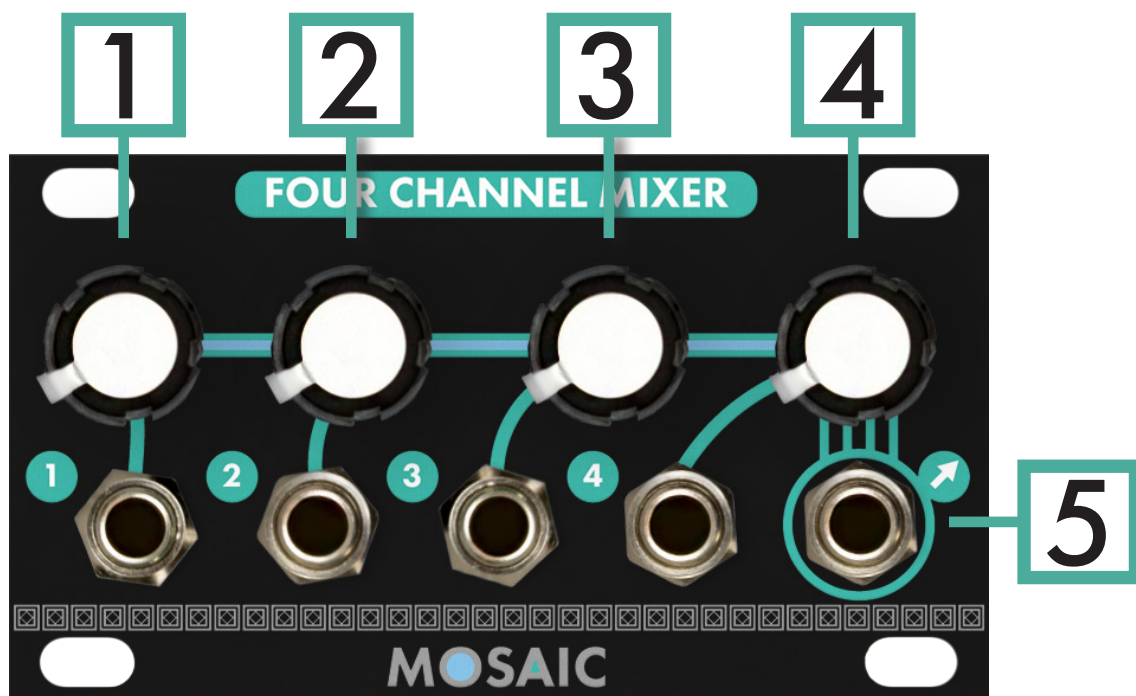
DETAILS

How It Works

Mixers are great utilities to combine and hone in signals into a single output, that can be sent to a filter, VCA, effect, and more. By controlling the individual levels of each input, a mixer can also provide space and presence where it's needed in a patch.

Some common uses for mixers are to combine oscillator waveforms for complex timbres, tightening up a percussive section, introducing and pulling back parts of your patch, or combining control voltage for unique modulation possibilities!

Diagram



DETAILS

1. Channel 1 Input

Input jack and attenuator for channel 1's signal. When the knob is fully left, the input signal is silent. When the knob is fully right, the input signal fully passes through.

Range: 10Vpp

2. Channel 2 Input

Input jack and attenuator for channel 2's signal. When the knob is fully left, the input signal is silent. When the knob is fully right, the input signal fully passes through.

Range: 10Vpp

3. Channel 3 Input

Input jack and attenuator for channel 3's signal. When the knob is fully left, the input signal is silent. When the knob is fully right, the input signal fully passes through.

Range: 10Vpp

4. Channel 4 Input

Input jack and attenuator for channel 4's signal. When the knob is fully left, the input signal is silent. When the knob is fully right, the input signal fully passes through.

Range: 10Vpp

5. Mix Output

Output for all input channels. When the knob is fully left, the input signal is silent. When the knob is fully right, the input signal fully passes through.