

SNARE DRUM

Manual



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

Snap into the groove with the Mosaic Snare Drum. A combination of classic synthesis techniques combine to deliver sharp, penetrating snares, and long noise filled decays. Onboard saturation and shaping make it easy to cut through any patch.

- Dedicated snare voice
- 1v/Oct tracking
- Hit and Decay control

Tech Specs

- Width: 14HP
- 28mm
- Front Panel: Ships in Intellijel format. Pulp Logic replacement panels available [here](#).
- Current Consumption: +12V = 83mA, -12V = 2mA

Installation

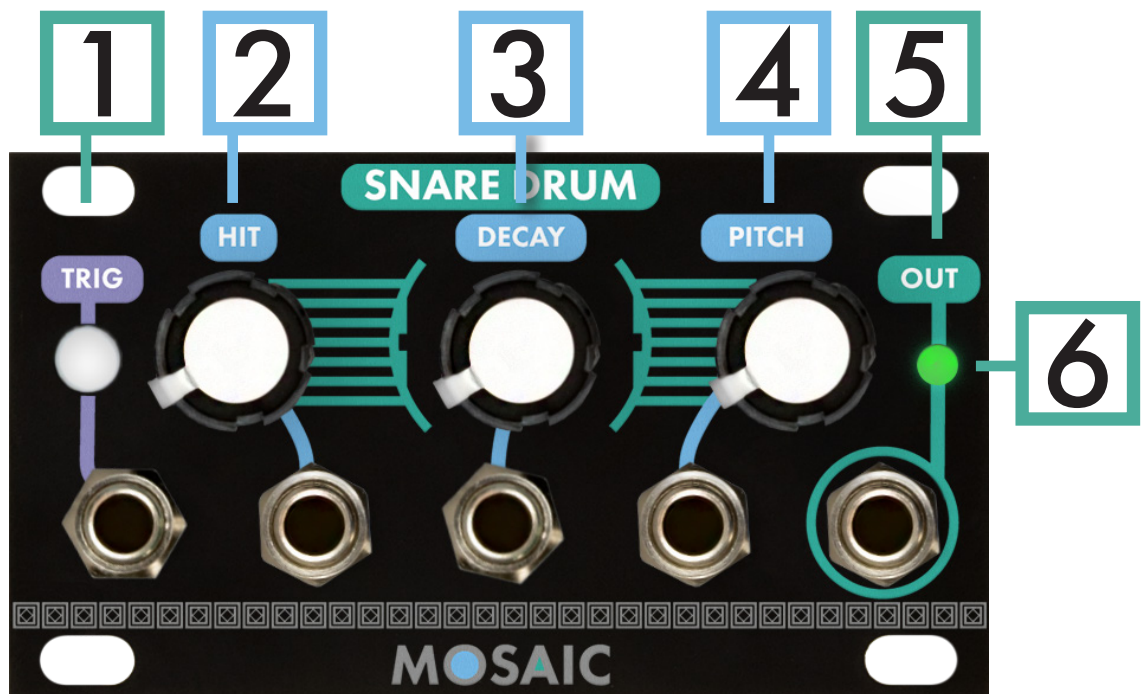
To install, locate space in your Eurorack case for your 1U module, and confirm the positive 12 volts and negative 12 volts sides of the power distribution lines. Plug the connector into the power distribution board of your case, keeping in mind that the red band corresponds to negative 12 volts. In most 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

Snare Drum is a complete percussion synth voice. What does this mean? It means the module does not require external modulation to achieve a full snare sound. The synthesis based DSP algorithms provide a powerful alternative to sample based drum sounds. Just trigger the sound via the TRIG button or Gate Jack, and let the algorithms do the rest!

Diagram



DETAILS

1. Trigger Input

Triggers the snare voice either via gate signal at the TRIG input jack or pressing the TRIG button.

Threshold: 2.5V

2. Hit

Adjusts the timbre/sound quality of Snare Drum. When the knob is fully left, the snare is mostly white noise with minimal resonance. When the knob is fully right, resonance and saturation are introduced to give the snare more punch.

Range: 0V - 5V

3. Decay

Controls the Hi-Hat decay. Decay is at its shortest when the knob is fully left, and at its longest when the knob is fully right.

Range: 0V - 5V

4. Pitch

Adjusts the resonance frequency of the snare drum. Does not track 1V/oct.

Range: 0V - 5V

5. Output

Output Jack for audio signal.

Range: 10Vpp

6. Output LED

Visual indicator of the sound source.