

BASS DRUM

Manual



MOSAIC

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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

Bring the boom with the Mosaic Bass Drum. Bass Drum is a dedicated kick voice, and an essential piece of any percussive section. With v/oct tracking, Bass Drum can play the role of both rhythm and melody, rounding out the low end of your patch. With control over character and dampening, your kicks can shake the house, or sit in the pocket.

- Synthesized kick drum voice
- 1V/Oct tracking over pitch
- Knob/CV control over timbres and decay

Tech Specs

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

Installation

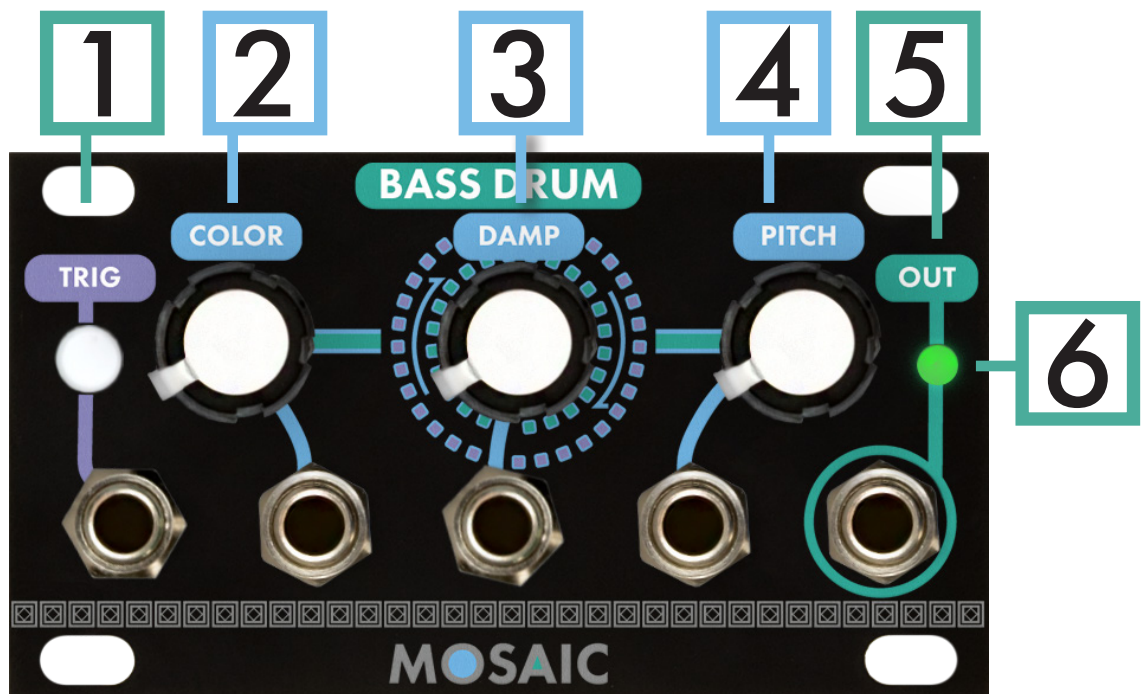
To install, locate space in your Eurorack case for your 1U module, and confirm the positive 12 volts and negative 12 volts sides of the power distribution lines. Plug the connector into the power distribution board of your case, keeping in mind that the red band corresponds to negative 12 volts. In most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

Bass Drum is a complete percussion synth voice. What does this mean? It means the module does not require external modulation to achieve a full drum sound. The synthesis based DSP algorithms provide a powerful alternative to sample based drum sounds.

Diagram



DETAILS

1. Trigger Input

Triggers the drum voice either via gate signal at the TRIG input jack or pressing the TRIG button. Holding the Trig button for 1s will change Bass Drum to Destruction Mode. Proceed with caution.

Threshold: 2.5V

2. Color

Adjusts the timbre of Bass Drum. When the knob is fully left, transient are at a minimum and the drum has a muted quality. As the knob turns fully left, transients are introduced, and a huge saturation boost appears at the maximum position.

Range: 0V - 5V

3. Damp

Controls the drum 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 frequency of the drum voice. Tracks 1V/oct.

Range: 0V - 5V

5. Output

Output Jack for audio signal.

Range: 10Vpp

6. Output LED

Visual indicator of the sound source.