

# Snare



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## Description

Snare goes from short blips to 909 hits and everywhere in between. More than just a typical snare sound, this module is a powerful sound design tool that encourages exploration. 1V/Octave tracking allows percussive melodies with atypical timbres, while snap dials in the texture of the metaphorical membrane. Hit the back beat with Snare.

- Classic to esoteric snare sounds and blips
- 1V/Octave tracking
- CV over all parameters

## Installation

To install, locate 2HP of space in your Eurorack case 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.

## Specifications

- Size: 2HP
- Depth 42mm
- Current Consumption:
  - +12V: 75mA
  - -12V: 3mA

# Diagram



# Functional Overview

## 1. Trig

Accepts gate input signals to trigger the drum sound.

## 2. Snap

Sets the tone and character of the snare drum.

When set to the middle, the sound source for the drum is a clean sine wave, and the pitch modulation index is set to its minimum.

When moved to the right, noise is added to the signal, and the pitch modulation index is moved to its maximum.

When moved to the left, noise is not added, and the pitch modulation index is moved to its maximum, creating a "snares-off" type sound.

CV is added to the pot position. The CV input range is -5V to 5V.

## 3. Decay

This control sets the amount of time that it takes the audio to decay completely to silence.

This control is scaled between 10ms and 1.5 seconds.

CV is added to the pot position. CV input range is -5V and 5V.

## 4. V/Oct

1V/Octave input for controlling the frequency of the drum.

This adds to the position of the Pitch knob. Input range is -1.5V to +5.5V.

## **5. Pitch**

Knob for controlling the frequency of the drum.

## **6. Out**

Output of the drum sound.

10Vpp signal.