

# S+H



## **Description**

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S+H is an analog sample and hold with two independent channels. Great for generating random voltages from white noise, arpeggios from sawtooth waves, and downsampling audio signals.

- Analog sample and hold
- 2 independent channels
- Clocks fast enough to downsample audio signals
- Wide input range of  $\pm 12V$

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## **Installation**

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To install, locate 2 HP 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 S+H with the red band facing the front of the module.

## **Specifications**

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**Format:** 2 HP Eurorack module

**Depth:** 46mm (Skiff Friendly)



## General Functions Overview

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### 1. IN:

Input for signal to be sampled

Range: 12Vpp

### 2. TRIG LED:

LED indication of the voltage present at the *TRIG* input

### 3. TRIG:

Trigger input

Sampled voltage will emit from *OUT* when a trigger or gate signal is received by the *TRIG* input

Threshold: 2.5V

### 4. OUT:

Sampled voltage output

Range: 12Vpp

**Controls 1-4 are replicated on channel 2**