

S+H



Description

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

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

Format: 2 HP Eurorack module

Depth: 46mm (Skiff Friendly)

Max Current: +12V = 5mA
-12V = 5mA



General Functions Overview

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