Env

Multimode Envelope

Env

LIN/EXP

TRIGGER
INPUT

ATTACK

DECAY

CV

GATE OUT

ENV OUT

2hp

Description

Env is a multimode envelope capable of producing shapes that are short and snappy, or long and smooth. Linear and exponential shapes are accessible. In addition to the envelope output, a gate signal is produced at the end of each attack stage. This can be used for clocking anything in your system ranging from sequencers to drums. High quality and feature packed, Env is a great addition to any system.

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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.
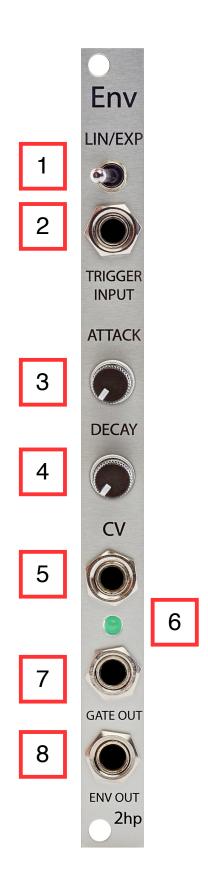The power cable should be connected to the Env with the red band facing the bottom of the module.

Specifications

Format: 2 HP Eurorack module

Depth: 34mm (Skiff Friendly)

Max Current: +12V = 43mA
-12V = 16mA

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General Functions Overview

1. LIN/EXP:
Toggle that switches between linear and exponential envelope shapes

If the *LIN/EXP* toggle is in the left position, envelopes are linear

If the *LIN/EXP* toggle is in the right position, envelopes are exponential

2. TRIGGER INPUT:
Trigger/gate input to start or retrigger the envelope

If the envelope is mid cycle, the envelope's phase will be set to 0

Threshold: 2.5V

3. ATTACK:
Sets the time for the attack stage of the envelope

4. DECAY:
Sets the time for the decay stage of the envelope

5. CV:
Control voltage input for the decay stage of the envelope

Range: 0V – 8V

Control voltage is added to the knob position

6. LED:
LED that illuminates when a gate signal is emitted from the *GATE OUT*

7. GATE OUT:
Output that generates a gate signal at the end of every attack stage

8. ENV OUT:
Output for linear and exponential envelopes

Shortest linear envelope = 48 ms
Longest linear envelope = 13.2 s

Shortest exponential envelope = 20 ms
Longest exponential envelope = 1.24 s