EG

EG

TRIG

ATTACK

DECAY

LINEAR

EXPO

AMP

OUT

2hp

Description

EG is a full featured two-stage envelope generator. In addition to a colossal range from 3ms to 11 minutes per stage, EG features the ability to switch between linear and exponential curves on the fly, a built-in attenuator, and CV over attack and decay. Boasting more features than modules five times its size, EG can fill any envelope-sized gap in your system.

Full featured two stage envelope generator
Wide range from 3ms to 11 minutes per stage
CV over attack and decay
Linear and exponential shapes
Attenuator on output

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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 EG with the red band facing the front of the module.

Specifications

Format: 2 HP Eurorack module

Depth: 45mm (Skiff Friendly)

Max Current: +12V = 26mA
                       -12V = 7mA

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General Functions Overview

1. TRIG:
Trigger input

An envelope will emit from OUT when a trigger or gate signal is received by the TRIG input

Threshold: 2.5V

2. ATTACK CV:
Control voltage input for ATTACK

Range: 0V – 5V

3. ATTACK:
Sets the attack time of the envelope

If the knob is far left, the attack time will be as fast as possible
If the knob is far right, the attack time will be as slow as possible

4. DECAY CV:
Control voltage input for DECAY

Range: 0V – 5V

5. DECAY:
Sets the decay time of the envelope

If the knob is far left, the decay time will be as fast as possible
If the knob is far right, the decay time will be as slow as possible

6. RESPONSE TOGGLE:
Toggle that will switch between two response curves

If the toggle is up, the response curve will bet set to linear
If the toggle is down, the response curve will be set to exponential

7. AMP:
Amplitude control for the envelope emitted from OUT

If the knob is far left, the envelope will be fully attenuated (0V)
If the knob is far right, the envelope will be full scale (10V)

8. ENVELOPE LED:
LED indication of the envelope emitted from OUT

9. OUT:
Envelope output

Each stage of the envelope can range in length from 3ms to 11 min

Range: 0V – 10V