



# Envelope

This is a simple but powerful multi-mode envelope generator. It has 4 modes: a traditional ADSR, a simple AR with tunable curves, and two looping modes.

## LEDs

LEDs show which phase the envelope is currently in. The illuminated colors correspond to which knob(s) are controlling the behavior of the envelope at any given moment.

## Mode Select

Cycle through four modes. LEDs will briefly indicate which mode is selected.

## CV Inputs

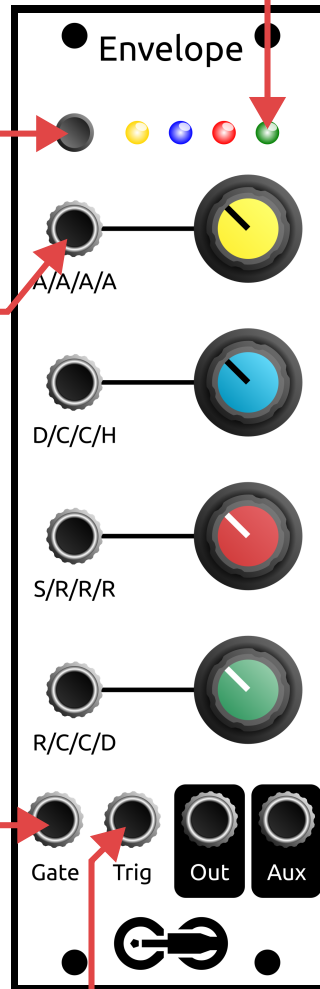
Four control knobs with CV inputs [0-5V]. Labels indicate which parameter each input controls in each of the four modes.

## Gate

The main way to trigger the envelope. The rising edge jumps to the attack phase, the falling edge goes to decay. In loop modes, prevents looping.

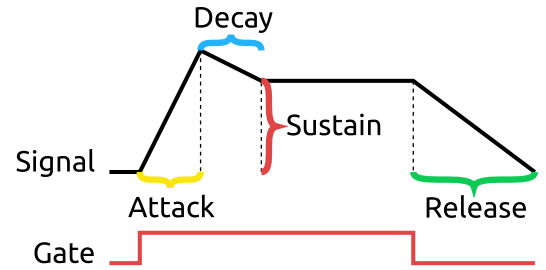
## Trigger

In ADSR mode, the Trig input pings the envelope by soft-returning to the attack stage. In ACRC mode, Trig triggers a full cycle of the envelope. In looping modes, Trig hard-syncs the loop.



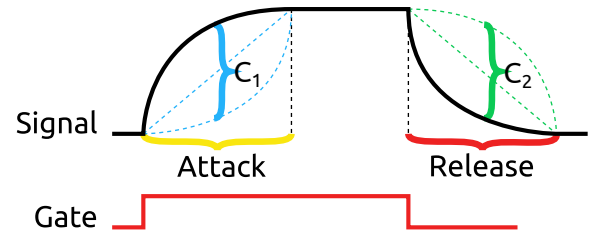
## ADSR Mode

This is the most traditional envelope mode. The four CV inputs control attack, decay, sustain, and release, respectively.



## ACRC Mode

Only attack and release are controllable. But, the curve (C) of each can be adjusted from exponential to linear to logarithmic.



## ACRC Loop Mode

Exactly the same as ACRC mode except the attack and release stages loop right into each other with no delay between them.

## AHRD Loop Mode

Attack and release are both linear in this looping mode, but there is adjustable delay (or hold) between each of them.

