

# The Eurorack Noise Swash

A chaotic random noise-maker and cv source, generating its own sounds or working as an audio processor... A source of insanity...

Some common uses:

- Triggered noisy oscillation blasts (run a trigger/gate into Mood or Swash CV)
- Creating harmonic-rich audio to be filtered and sequenced later
- As a source of random, but repeating CV patterns (use Mood as an output)
- Making rhythmic percussive loops more interesting. The Noise Swash tends to fill-in odd noises between the beats.
- Distorting simple waveshapes into morphing complex shapes

Low:

Decreases voltage supply to parts of the circuit, causing feedback to happen more eagerly

Pre:

Enables asymmetrical diode clipping in the input gain stage. LED indicates activity

Post:

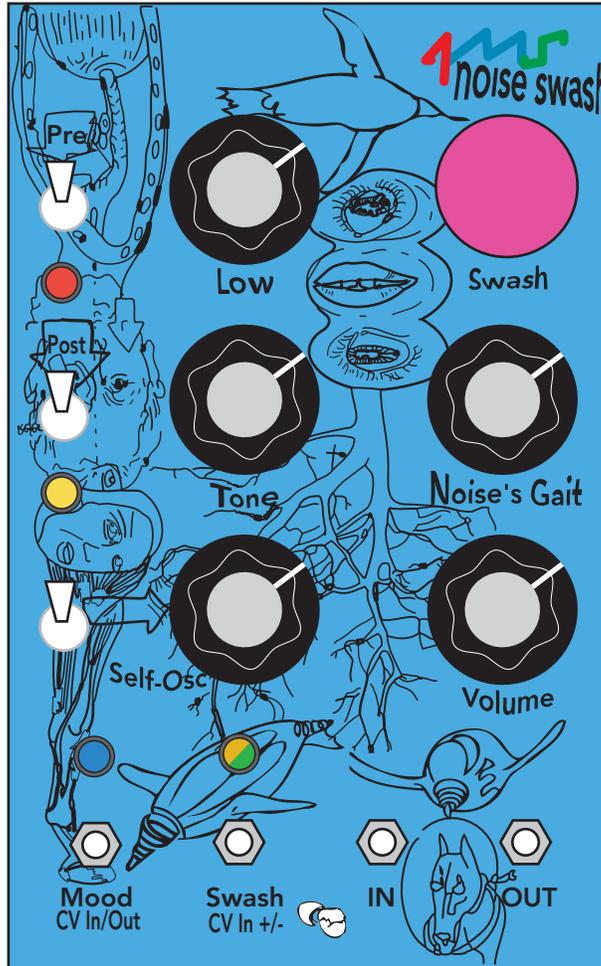
Enables asymmetrical diode clipping in the output gain stage. LED indicates activity

Self-Osc:

Connects output jack to input jack through the potentiometer. Switch opens/closes feedback loop.

Mood:

Bi-directional CV jack. Inputting a 0-15V signal modulates biasing near the swash and EQ stages. During intense oscillation phenomenon, this jack outputs random CV fluctuations.



Swash:

10-turn pot for precisely finding weird attractors in the chaos.

Noise's Gait:

Works in tandem with Swash to find sweet spots... Typically more active when mostly CCW

Tone:

Blends between a HP and LP filter after the swash stage

Swash CV input (-15V to +15V):

Positive voltage (LED orange) controls a vactrol that bridges two points between the Tone and Noise's Gait pots. Negative voltage (LED green) controls a second vactrol that modulates the ten-turn Swash pot (if the Swash pot is all the way counter-clockwise, no CV modulation is possible)

In Jack:

Audio input injects a signal into Noise Swash's signal loop.

Out Jack/Volume:

Unpredictable continuously morphing audio oscillation output

*Hint: you can hear the unaffected input signal by setting Self-Osc up and CW, and Volume down...*