

# GETREKT

signal squarifier



**GETREKT** is a full analogue waveshaper – an aggressive one.





## why

- To add saturation and harmonics.
- To disrupt – folding - and cut into pieces - clipping.
- To generate square waves from other control voltage signals or audio sources.
- To invert the polarity of a trigger or other kind of pulses.

## with

- Sine waves – hear them scream.
- Human voices – fracture them in pieces with clipping as a good ol’ broken tape would do.
- Complex audio sources – to control and flatten them.
- Envelopes going to a drum module – rectify or fold that decay tail.

## how

Fed an input – audio or CV – into  and take the processed output from .

The circuit is designed to invert the polarity of any given input.

*“Disrupt and Pieces are analog touch controls; they act like potentiometers and they keep the value once the finger is lifted from the surface.*

*As it takes time to turn a pot, it takes time to interact with these controls:*

*bridge with your finger the first line and the center III to decrease the value or the center and the last one III to increment. A red and a blue LEDs will light up to give visual feedback of the position of the control.*

*This is a full analogue continuous control, designed to be an expressive and interactive gateway to decrease the boundaries between the user, the environment and the music-making-devices.”*



**DISRUPT:** controls how much the output is affected by the waveshaper circuit. At maximum it will fold and create a total harmonic distortion.



**PIECES:** the pulse width of the resulting transformed wave.

Both parameters have a dedicated reactive CV input. If connected, the touch potentiometer act as an offset of the incoming signal.

## features

- Clipping and folding analog waveshaper circuit.
- Touch Controls on the amount of effect and PWM.
- Reactive CV inputs on both parameters.
- Inverts the polarity of any given input.
- Works with audio and CV sources.
- Single board design – extremely skiff friendly.
- “Whatever” power connector a.k.a. don’t mind the polarity.

## specs

- current draw ⇒ +12V 35ma, -12V 30ma
- dimensions ⇒ width 4HP, depth 18mm

Demos and build documentation at [jolin.tech/getrekt](https://jolin.tech/getrekt)