

# Installation

Kinks requires a  
**-12V / + 12V power supply**  
**(2x5 pin connector).**

The ribbon cable connector must be aligned so that the red stripe of the ribbon cable (-12V) is on the same side of the module's power header as the "Red stripe" marking on the board. The module draws **25mA** from both the **+12V** and **-12V** supply rails.

Kinks happily accepts both audio and CV signals.

## Online manual and help

The full manual can be found online at:  
[mutable-instruments.net/modules/kinks/manual](https://mutable-instruments.net/modules/kinks/manual)

For help and discussions, head to:  
[mutable-instruments.net/forum](https://mutable-instruments.net/forum)



Please refer to the online manual for detailed information regarding compliance with EMC directives

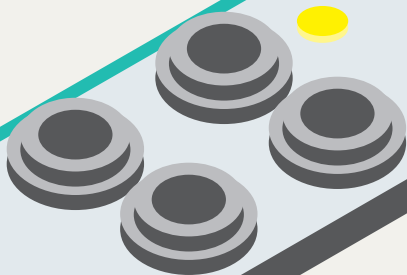


**Mutable** Instruments

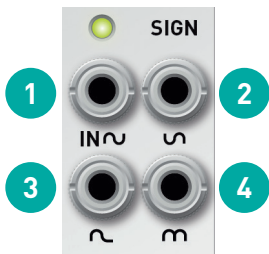


# Kinks

Mingling and mangling

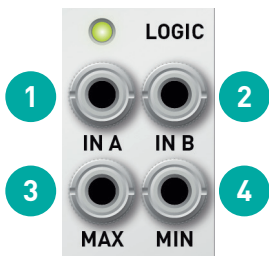


## Rectifier and inverter



1. Signal input.
2. Inverted output.
3. Half-wave rectified output. The negative half of the signal is clipped to 0V.
4. Full-wave rectified output. The negative half of the signal is inverted.

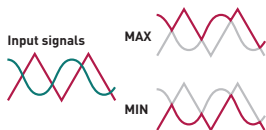
## Analog logic



- 1, 2. Signal inputs.
3. Analog OR (maximum, peaks) output.

4. Analog AND (minimum, troughs) output.

Try this with envelopes or LFOs, or to create new wave-shapes from VCO outputs.



## Sample&hold and white noise



1. Signal input, normalized to the white noise generator.
2. Trigger input. Requires a signal with sharp rising edges (clock/gate/trigger generator, square LFO or VCO).
3. Noise generator output.
4. Sample and hold output.