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

For help and discussions, head to: mutable-instruments.net/forum

Please refer to the online manual for detailed information regarding compliance with EMC directives.
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).
4. Sample and hold output.