

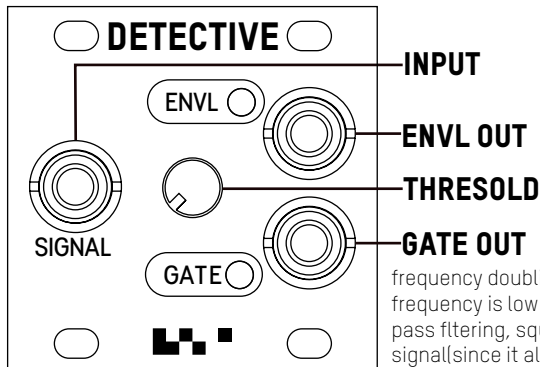
# DETECTIVE

## User Manual

1U Intellijel Format

Width>>> 8HP Height>>> 1U Depth>>> 23mm Weight>>> 25grams Current Draw>>> -12V: 2mA +12V: 56mA

DETECTIVE is a simple Envelope Follower can be used to follow the overall shape of an input waveform and translate the changes in its amplitude to a DC voltage. You can use as a CV signal, or frequency doubling (if the input frequency is low enough), low-pass filtering, squaring an input signal(since it also gives out a gate-signal), etc...



Try using it with any type of signal! The module outputs both an Envelope output and a Gate output whenever the level of the input signal is high enough. The input signal level can be adjusted with a dedicated attenuator (labeled Thresold). Insert an audio signal and extract a corresponding CV from it. Additionally you get a gate output. Try using it with any type of signal!

**INPUT>>>** AC-coupled inputs for audio/CV-signals. (Input Impedance: 100k $\Omega$ )

**THRESHOLD>>>** Input attenuator, set the sensitivity of the envelope follower.

**ENVELOPE OUTPUT >>>** Outputs an envelope of the input signal.(Output Impedance: 1k $\Omega$ )

**GATE OUTPUT >>>** Gives out a gate signal whenever the input signal level is higher than -1V.

Gate out level: -1.5 to 8.5 V