

TrigTrap

Version 2021-12-14, edit 2021-12-27



P.moon TrigTrap indicates trigger pulses.

Every time a CV **trig in** signal exceeds a **threshold** voltage or falls below that threshold, a "trap" catches this state and a +5 volts gate signal will be output. User gets an optical information with the highlighted label. These labels are editable.

A rising or falling **ramp** may be selected.

There is an **all** trap, which gets activated when one of the other eight traps recognizes a trigger pulse.

All these nine pulse traps can be reset by both **CV reset in** or reset button. CV reset operates dynamically with a rising ramp at 2.5 volts.

(trig in) any CV voltage;
(res in) any CV voltage;
Resets a channel trap or the **all** trap, when it's value exceeds 2.5 volts.

[res button] Resets a channel trap or the "all" trap.

(gate out) Outputs a +5.0 volts gate signal as long as trap is loaded.



A trigger pulse is recognized, when a rising voltage exceeds treshold value.

A trigger pulse is recognized, when a voltage falls below the treshold value.



Threshold value may be set from -10 to +10 volts.
Default value is 1.0 volts.