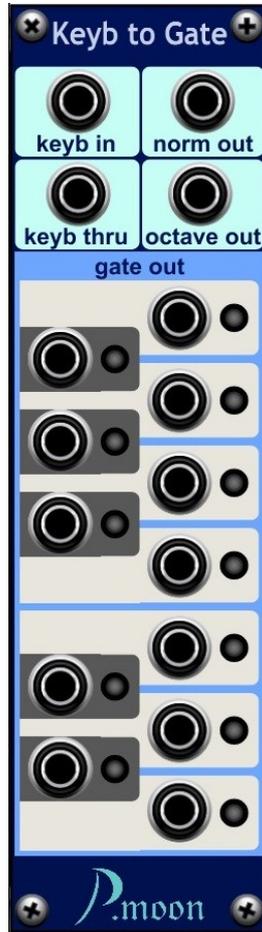


Keyb to Gate

Version 2022-02-23



Provides a GATE signal for actual tone according to KEYB pitch voltage and also some other signals.



Input **keyb in**, pitch voltage (from -10 to +10 volts).



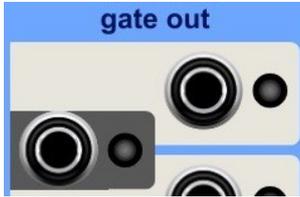
keyb thru outputs voltage that is equal to



Delivers normalized pitch voltage (from 0 to +1 volts).
Example: **keyb in** = 3.768 → **norm out** = 0.768



Output voltage is equal to octave of 
Example: **keyb in** = -2.241 → octave out = -2.000



ON (+5 V) for the tone, that is actual represented by **keyb in** voltage, else OFF (0 V). LEDs signalize active output.

For hardware modules a pitch **CV** from 0 to +10 v is commonly used. Because **Voltage Modular**[®] defines it's **CV** from -5 to +5, negative pitch values are needed for bass tones. Therefore **P.moon Keyb to Gate** allows CV values from -10 to +10 volts.