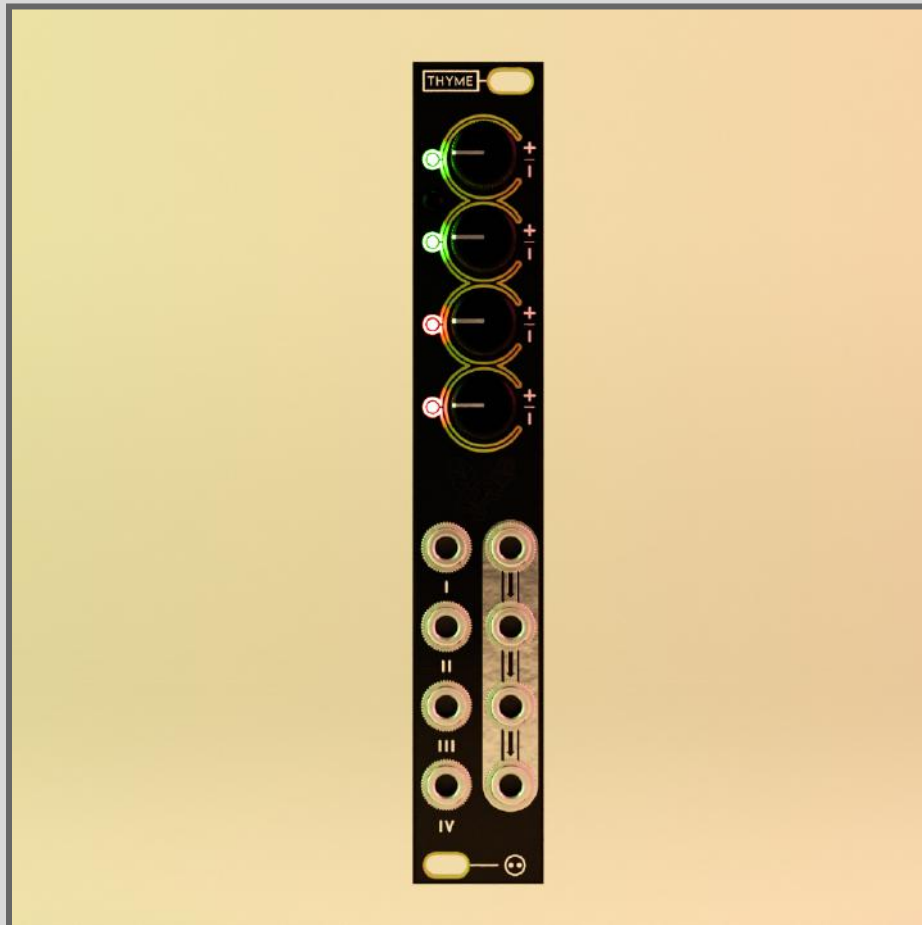


NOH



THYME - User Manual

V1.0

Specs-

The NOH Modular Thyme is a quad attenuverter that can act as a mixer, offset, and inverter all thanks to its normalled inputs and outputs. It has the following specs:

- Height- 3U
- Width- 4HP
- Depth- 27mm
- Power- +12V (35mA) // -12V (35mA)

Description-

The module has four attenuverter channels, meaning it can attenuate and/or invert four different signals. If nothing is connected to an input, the module inputs 5V automatically, and if the output is not connected, it will automatically be mixed with the output underneath. This gives the module a lot of versatility as it can act as a four-channel mixer, an offset generator, or simply one-channel attenuverters, all in 4HP.

Giving Power to the Module-

Supplying voltage to the module requires a 10-pin (5x2) ribbon cable. The cable should be connected to the header on the back of the module. **Care should be taken in matching -12V, usually associated with the red stripe on the ribbon cable, to the “-12V” or the stripe indication on the board.**

Printer Friendly Version-

To print this document on paper, the grey background might not be a good thing for a printer.

You can download and print [THIS VERSION](#) instead.

INPUTS -

- The four inputs are normalled to 5V if nothing is plugged into them.
- They are numbered respectively from 'I' to 'IV' and correspond to the controls (i.e. knobs) in the same respective order .
- **PATCH TIP:** with nothing plugged in, the module acts as an offset generator, and using the cascaded outputs, you can offset signals.



OUTPUTS -

- As indicated by the arrows on the front panel, each output will be mixed with the one underneath **if and only if** nothing is plugged in. This means that if you take the last output and no other output is plugged, you will get the mix of all four signals.
- **PATCH TIP:** input an envelope in input 1, then invert it completely. Make output 2 a +5V offset, and take this output. Plugging this into the CV of a VCA will give you a ducking effect on audio when the envelope is triggered.



CONTROLS -

- Each knob controls the level of the signal it is associated with, that is from top to bottom and respectively from 'I' to 'IV'.
- **The signal is attenuated at maximum when the knob is pointing exactly left.** Going upwards will simply attenuate, and going downwards will invert and attenuate.
- **PATCH TIP:** using your thumb and your index on each side of the knob is a good way to go around how close they are from one another.



LED INDICATION -

- The indications light up as a reflection of the respective input signal.
- The LEDs are bipolar, a red colour indicates a positive voltage while a green colour indicates a negative voltage.
- **PATCH TIP:** with nothing plugged in the input, the indication will still light up, as +5V will automatically be inputted instead.

