

NOH



OLIVE - User Manual

V1.0

Specs-

The NOH Modular Olive is a quad performance switch, with push buttons being either latching or momentary. It has the following specs:

- Height- 3U
- Width- 4HP
- Depth- 27mm
- Power- +12V (10mA) // -12V (10mA)

Description-

There are four inputs passing through a SPST switch to their four respective outputs. The inputs are each normalled to 5V when nothing is plugged in, and each switch is controlled via respective push buttons. The push buttons can act as momentary or latching depending on the switch next to it. An LED lights up to indicate the connection between the input and the output of that channel.

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.

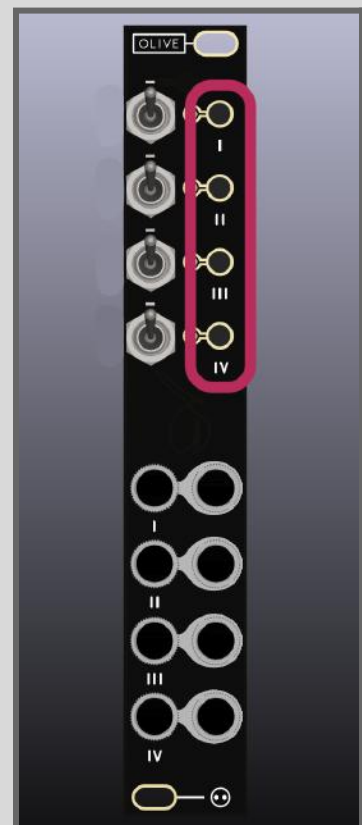
INPUTS AND OUTPUTS -

- The four inputs are normalled to 5V if nothing is plugged into them.
- The output is not a buffered copy of the input, it is the input passed through a switch.
- **PATCH TIP:** with nothing plugged in, the module acts as a gate generator, however passing CV or audio through the inputs makes the module thrive as a performative controller.



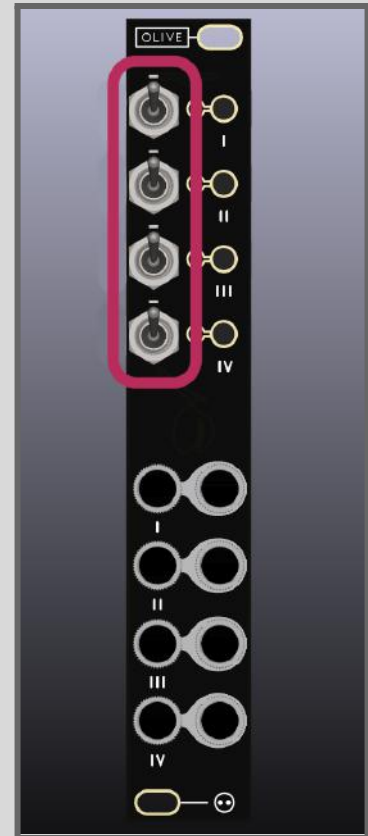
PUSH BUTTONS -

- The push buttons each have a number which correlates to the IO pair they control (i.e. 'I' through 'IV'). They are responsible for muting a channel or letting the input through.
- **PATCH TIP:** the module has easily readable indications so that the user can rotate the module if having the controls at the bottom is more desirable.



MOMENTARY/LATCHING -

- Each switch controls the behaviour of the push button it sits next to. In the 'up' position the push button is latching, meaning that a button press will let the input through and it will stay through until the next press. The 'down' position is momentary, meaning that the signal is only let through when the push button is pressed, and muted otherwise.
- **PATCH TIP:** by letting the signal through in 'latching' mode, toggling between modes essentially makes this switch the controller.



LED INDICATION -

- The indications light up when their respective input is connected to the output.
- The indication is not a reflection of the signal being passed through, but rather simply indicates whether there is a connection.

