

NOH



LAVENDER - User Manual

V1.0

Specs-

The NOH Modular Lavender is a 5-channel stereo mixer with versatile inputs and a stereo VU metre with tunable gain. It has the following specs:

- Height- 3U
- Width- 8HP
- Depth- 27mm
- Power- +12V (55mA) // -12V (55mA)

Description-

Lavender is a stereo mixer with versatile inputs and outputs. There are four inputs with independent left / right channels, the left one normalizing to the right for mono compatibility. The fifth input can work as a stereo input or a mono input depending on the switch. Finally, the module has a stereo voltage indicator with tunable gain.

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.**

INPUTS / OUTPUTS -

- There are 4 stereo inputs with independent left and right jacks. These are labelled “I” to “IV” and the left channel normals to the right for mono.
- The Stereo/Mono input is a stereo jack but can act as both depending on the switch.
- The mixed output is either given with independent left and right, or as a stereo output for external compatibility (headphones, synths, etc.)

NOTE - the output impedance is **1kOhms**.



STEREO / MONO SWITCH -

- One input has the benefit of being both a stereo or a mono input depending on the switch. This means that both a stereo or a mono cable can be plugged into this input.
- **PATCH TIP:** the user can chain several Central modules by plugging the ‘L/R’ output to this input, or have external stereo gear mixed in.



CONTROLS -

- Each knob controls the level of the signal it is associated with, referenced from 'I' to 'IV'.
- The output can also be volume-controlled for master fade-ins or fade-outs.



VOLTMETER AND GAIN -

- The stereo voltmeter displays the positive level of both channels with a resolution of 6 steps.
- The OUT volume control will attenuate the metre, meaning the voltmeter displays the output.
- The trimmer-head labelled "VU GAIN" can be tuned to make the voltmeter more or less sensitive, with a minimum of **1V** top and a maximum of **~11V** top.

