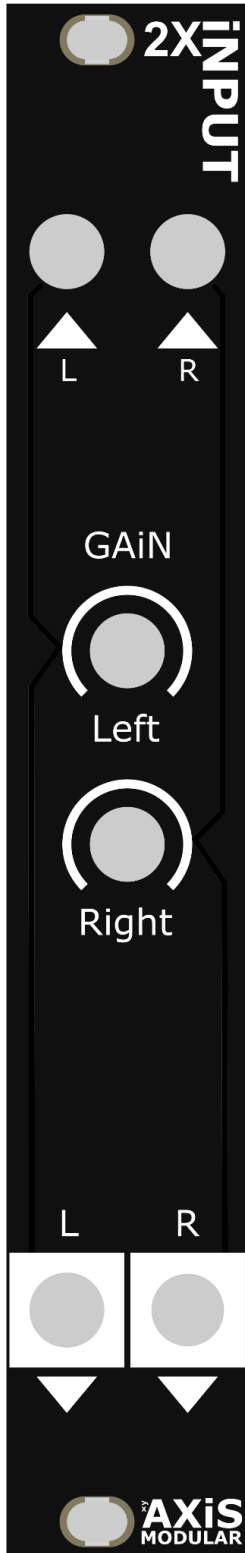


AXiS MODULAR iNPUT OPERATION MANUAL



< **iNPUTS** plug either a single stereo source or 2 separate mono line/guitar/mic level source in here.

Note: If nothing is plugged into the right input the left channel is also sent to the right channel allowing you to send a copy of the audio out on the right channel.

< **LEFT GAIN** Adjust left gain/level here.

< **RiGHT GAIN** Adjust right gain/level here.

< **OUTPUTS** Audio outputs at euro level.

About the ideas behind the module

The 2XiNPUT module can be used as either a 2 x mono or 1 x stereo line level or guitar/mic amplifier for your eurorack system.

Operation is quite simple, take any line/guitar level instrument and the input gets amplified up to eurorack volume levels.

It runs through 2 stages of amplification, the first stage is 3x and the second stage is then amplified a further 26x.

I developed the module after getting frustrated with not having a more direct way of just plugging my Korg Volca Beats (and other line level) straight into my eurorack case without having to resort to some form of external amplification. The circuit used is based on Tom Whitwells Mikrophonie (thanks Tom) with a few adjustments. Its 2 channel, AC Coupled and output levels aren't as hot but still very useful if you want to plug a contact microphone in (or two (think stereo marbles in a box)).

'Why not just make a single stereo input with one potentiometer to adjust both left and right channels at the same time?' I hear you ask. Well, I wanted to have flexibility.

Through testing with my outboard gear I have run a selection of synths and little boxes and can now benefit from having a quick and easy way of getting nice audio into and integrating it with my system. iPads, Bass Station II, Mininova, Korg NTS-1, Casio CZ-101 and guitars all sound great using the 2XiNPUT. Hint: Works great with my SPLiT module ;)

You can even overdrive the signals from your eurorack too adding warmth and distortion if desired.

TECH SPECS

Width: 4HP

Module Depth: 32mm including power cable.

Power consumption: +12v 7mA / -12v 7mA

High quality parts sourced from UK suppliers excluding PCB's.

Panel and PCB: Lead Free

Packaging recyclable where possible.