

# Installation

SumDif requires a standard 2x5 pins eurorack connector. Make sure the red stripe on the ribbon cable is oriented up, matching with the white line on the board.

# Specifications

Size

2 HP

Depth

40 mm

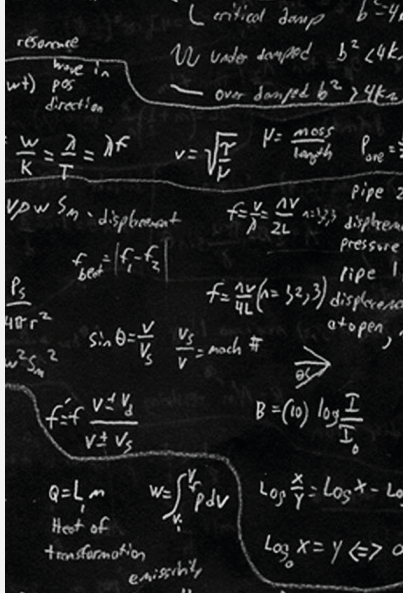
Current Draw

15 mA @ +12V

15 mA @ -12V

• [www.shakmat.com](http://www.shakmat.com)

 **Shakmat**

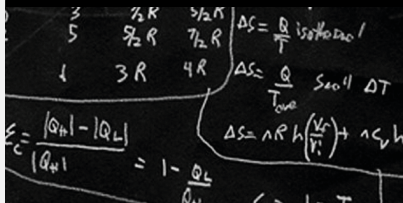


• 2HP Eurorack Module



# Shakmat SumDif

- Built & designed in Belgium
- [www.shakmat.com](http://www.shakmat.com)



# About

SumDif is a dual adder/differentiator capable of handling both CV and audio signals. If you send a 3V signal at the A input and a 1V signal at the B input, then the A+B will output 4V while A-B will output 2V.

Numerous applications, like unity mixing, buffering and inverting, can be achieved; you can also experiment with Mid/Side audio processing!

The SumDif has a precision signal path and can process V/oct signals perfectly. The two jumpers on the back of the module allow to reduce the A+B and A-B outputs gain by 6dB (when the jumper is on).

- 1 A&B inputs
- 2 A&B outputs
- 3 C&D inputs
- 4 C&D outputs

