Shakmat
Aeolus Mixer

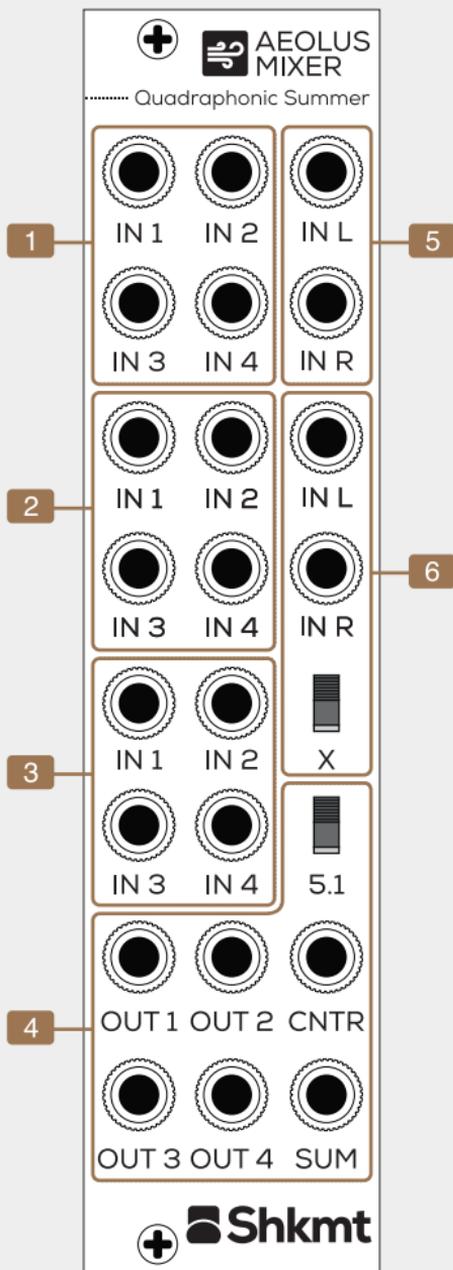● 6HP Eurorack Module   ● Built & designed in E.U.   ● www.shakmat.com

Basics

The Aeolus Mixer is a quadraphonic unity mixer letting you merge quadraphonic, stereo and mono signals. Thanks to its additional outputs, the module can easily fit 5.1 setups.

1. Quadraphonic inputs 01
2. Quadraphonic inputs 02
3. Quadraphonic inputs 03
4. Outputs & 5.1 option
5. Stereo inputs 01
6. Stereo inputs 02 with crossing option

Installation

The Aeolus Mixer requires a standard 2x5 pin eurorack power cable. Make sure the red stripe on the cable matches the -12V side of the Aeolus Mixer power header.

AEOLUS MIXER
Quadraphonic Summer

1 IN 1 IN 2 IN 3 IN 4

5 IN L IN R

2 IN 1 IN 2 IN 3 IN 4

6 IN L IN R

X

3 IN 1 IN 2 IN 3 IN 4

5.1

4 OUT 1 OUT 2 CNTR OUT 3 OUT 4 SUM

Shkmt

Inputs

The Aeolus Mixer has three quadraphonic `[1,2 & 3]` and two stereo input `[5 & 6]` sections. Each section has normalised inputs, so that IN 1 goes to IN 2, 3 & 4 and IN 2 goes to IN 4. The stereo sections also have normalised inputs as L goes to R. This means that the quadraphonic sections can easily handle stereo signals and that all the sections are also mono compatible.

The second stereo section `[6]` has a cross switch. When engaged, the first output goes to the first and fourth outputs (instead of the third) and the second output goes to the second and third outputs (instead of the fourth).

Outputs

The Aeolus Mixer has four main outputs plus two additional center & sum outputs `[4]`. Center is the mix of the front channels (1 & 2) and Sum is the mix of the four channels. Both are helpful to adapt the Aeolus Mixer to 5.1 setups. The 5.1 switch compensates the gain of output 1 and 2 to keep the total front volume equal to the rear volume.

Gain reduction

At the back of the module, four headers allow you to reduce the output gain by 6 dB for each of the four outputs.

Specifications

Size		Current Draw
6 HP		25 mA @ +12V
Depth		25 mA @ -12V
40 mm		

Shakmat