



# Shakmat Tessitura Tailor

• 1U/14HP Eurorack Module

• Built & designed in Belgium

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

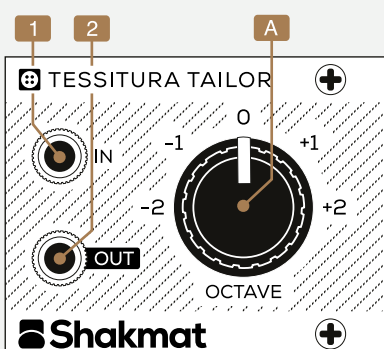
## Installation

The Tessitura Tailor requires a standard 2x5 pin eurorack power cable. Make sure the red stripe on the cable matches the -12V side of the power header. Your module is sold with an Intellijel 1U front panel but can be easily switched to Tiles/Pulp Logic format by swapping the front panel with the extra provided. To do so, pop the octave switch cap and unscrew all the nuts, replace the front panel & screw everything back on.



### Pulp Logic Power IN

You can power on your Tessitura Tailor via a 1U Tile power bus. For this, you need to solder a cable ending by a Futaba J male connector, available in every hobbyist stores. The cable has to be soldered the right way, by respecting the GND & -12V silkscreen on the PCB. If the Pulp Logic power socket is used, cover the eurorack power header with the provided blank connector to prevent shortcut.



1 CV input

A Octave control

2 CV output

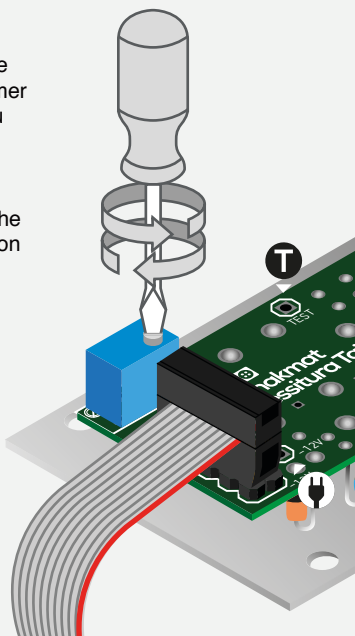
## About

The Tessitura Tailor adds or subtracts a precise voltage (from -2 to +2 volts) to the signal received in the CV input. This signal is transposed by octaves according to the rotary switch position. As the CV input is normalised to 0 volt, the module works without any input as an octave switch.

## Calibration

Every Tessitura Tailor is carefully calibrated when being produced at our lab. But with time passing, the transposition can go a little out of tune. To correct this, use a flat head screw driver and turn the trimmer's screw on the back of the module.

Using a mutlimeter, measure the test point voltage reference (marked on the back of the PCB), and adjust the trimmer to obtaine the precise value of 5V. You can also calibrate the Tessitura Tailor while sending its output to a well calibrated VCO V/Oct input. Place the switch at its middle position (0), tune the VCO, place the switch at the +2 position and adjust the trimmer until your VCO is in tune.



### Pulp Logic Power IN

To power up your module via a Pulp Logic's bus board, solder a power cable here. If the Pulp Logic power socket is used, cover the eurorack power header with the provided blank connector to prevent shortcut.

## Specifications

Size

14 HP

Depth

22 mm

Current Draw

1 mA @ +12V

1 mA @ -12V

0 mA @ +5V

Input range

-10v to 10v

Output range

-10v to 10v

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