## Installation

Links requires a -12V/+12V power supply (2x5 pin connector). The red stripe of the ribbon cable (-12V side) must be oriented on the same side as the "Red stripe" marking on the module and on your power distribution hoard.

The module draws **15 mA** from both the **+12V** and **-12V** supply rails.

Links accepts both audio and CV signals: all its inputs and outputs are DC-coupled.

#### Online manual and help

The full manual can be found online at mutable-instruments.net/modules/links/manual

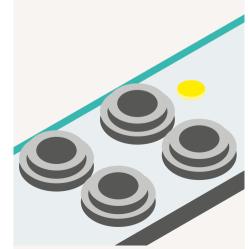
For help and discussions, head to: mutable-instruments.net/forum



Please refer to the online manual for detailed information regarding compliance with EMC directives







## 1:3 Buffered Multiple



This section is a buffered multiple. The signal patched to the **IN** input is duplicated, without any voltage drop, to each of the three **OUT** outputs.

#### 2:2 Adder / Mixer



This section acts as a precision adder/mixer and as a multiple. The two signals patched in the **IN** inputs are added, and the result is made available on each of the two **OUT** outputs.

This section uses a precision adder circuit. It is thus possible to use it to transpose a note CV: for example, patch the CV output of a sequencer to the first input, and the CV output of a keyboard to the second input. Patch the output(s) to (a) VCO(s). The sequence is now transposed by the keyboard.

# 3:1 Mixer / Averager



This section is an averager. The signals sent to each of the **IN** inputs are mixed together, with a gain of 1/3 applied to the output signal. It is particularly useful for mixing audio sources without any risk of clipping.

An **indicator LED** is present for all three sections of the module. Brightness represents signal level, and color represents signal polarity (green = positive).