INSTALLATION

Versions of the Mixwitch with a 16-pin connector require a 5V rail in your case, those with a 10-pin connector do not.

Ensure that there is enough power left to supply this module.

Beware of the orientation; the stripe on the ribbon cable should match a similar stripe for the –12 (minus 12 Volts) indication on your supply board connector.

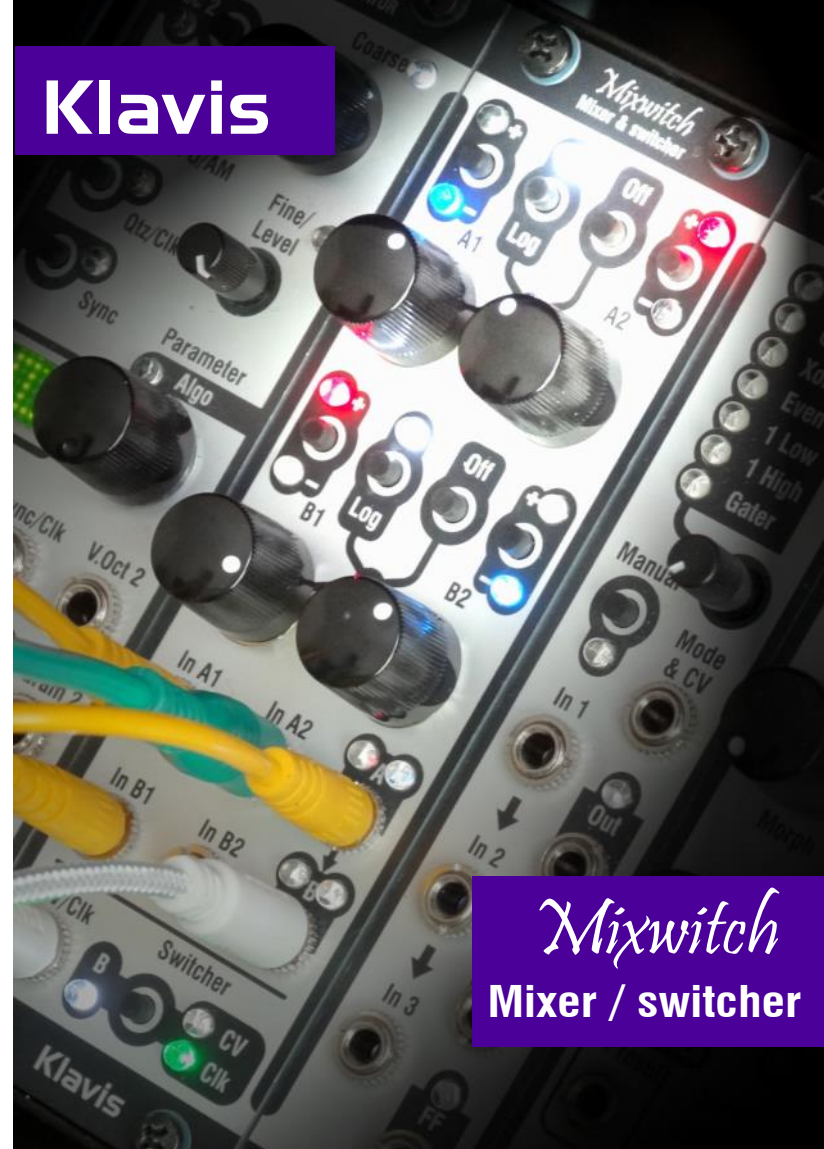| Supply rail	Current draw (16-pin)	Current draw (10-pin)
+12V	22 mA	39 mA
- 12V	26 mA	24 mA
+5V	13 mA	0 mA

READ ME FIRST

SUPPORT & ADDITIONAL INFO

The complete users manual is available on:
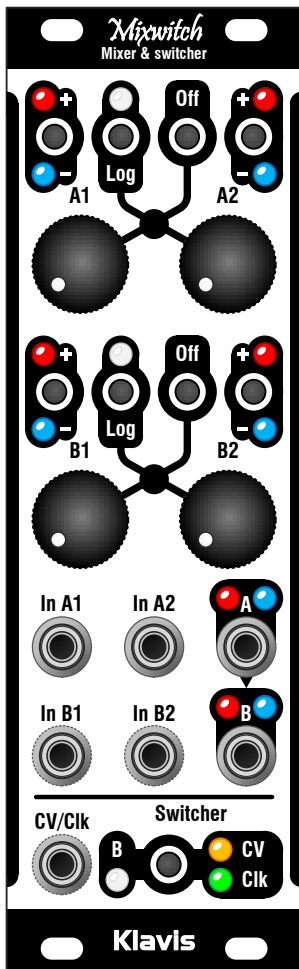www.klavis.com/support

Contact us: modular@klavis.com

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Klavis

Mixwitch
Mixer / switcher

USAGE & PANEL

The Mixwitch combines a pair of 2>1 mixers, also useable as a single 4>1 mixer.

A sequential switch can be activated to select one of four inputs or only one of the two inputs of the second mixer. Inputs are selected by a clock or a voltage.

Muting and polarity are done by click-less switching. When set to Log, a mixer sees its pots curve fit for audio purposes and its gain reduced by 6dB to avoid clipping.

All settings are memorized over power cycle.

The switcher runs at audio rate. The manual describes many applications for waveshaping, sequencing, sub-octaves generator, granular synthesis, and more.

SWITCHER MODES

Switcher mode	LEDs on			Details
	CV	Clk	B	
Off				Switcher is disabled - Mixers operate normally
CV, 4 channel	•			Selects one of four inputs or none according to a voltage. (1 volt steps) 0 to 4V = none, A1, A2, B1, B2
Clock, 4 channel		•		Clock/trigger calls each input sequentially in a loop.
Clock, 4 channel, random		blink		Clock/trigger calls four inputs randomly; never calls the same input twice in a row
CV, 2 channel (B)	•		•	Selects one of 2 inputs of mixer B or none according to a voltage. (1 volt steps) 0 to 2V = none, B1, B2 Mixer A is unaffected
Clock, 2 channel (B)		•	•	Each clock pulse alternates between input B1 and B2 Mixer A is unaffected