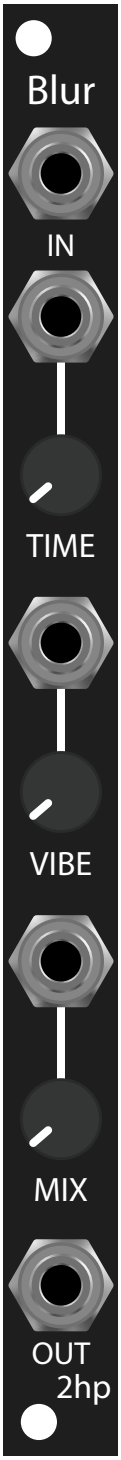
2hp Blur

Spectral Processor

Tech Specs

Width: 2HP
Depth: 46mm
Power Consumption:
+12V=85mA, -12V=7mA,
+5V=0mA



Audio Input

Range: 10Vpp

Time CV Input

Range: -5V to +5V

Time

Controls the amount of spectral time stretching applied to the blurred signal.

When Time is fully to the left, Time shortens and results in a quick playback. When Time is fully to the right, audio is stretched out x16 the original playback speed. You can match original playback speed at the knob center position.

Mix CV Input

Range: -5V to +5V

Mix

Blends between the dry and wet signal. Dry is to the left, and wet is to the right

Vibe CV Input

Range: -5V to +5V

Vibe

Controls the frequency spread of the incoming signal.

When Vibe is fully to the left, the timbre closely matches the incoming signal. As the knob turns to the right, the spectral signal washes out into a reverb-esque pad.

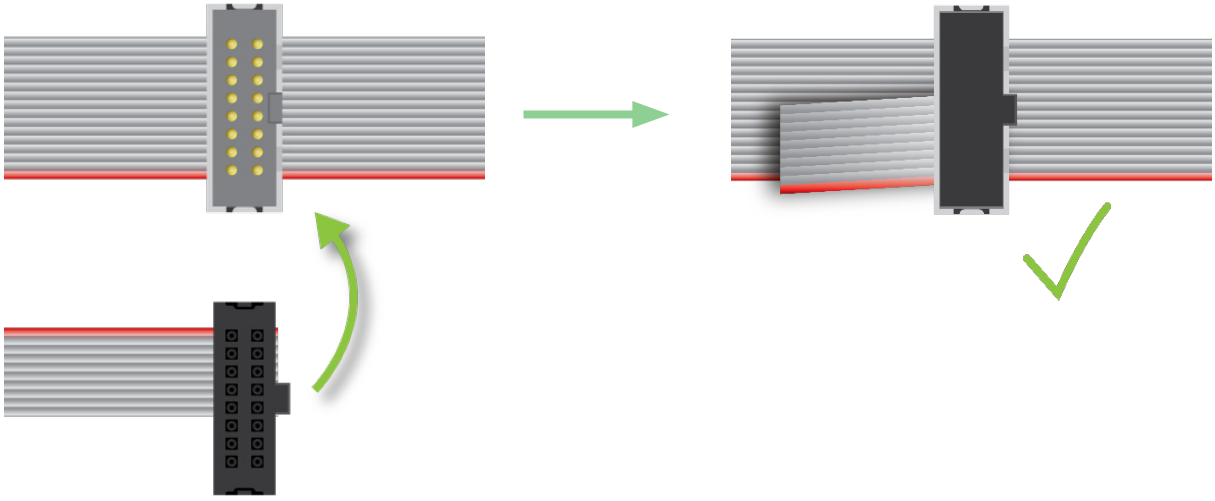
Audio Output

Range: 10Vpp

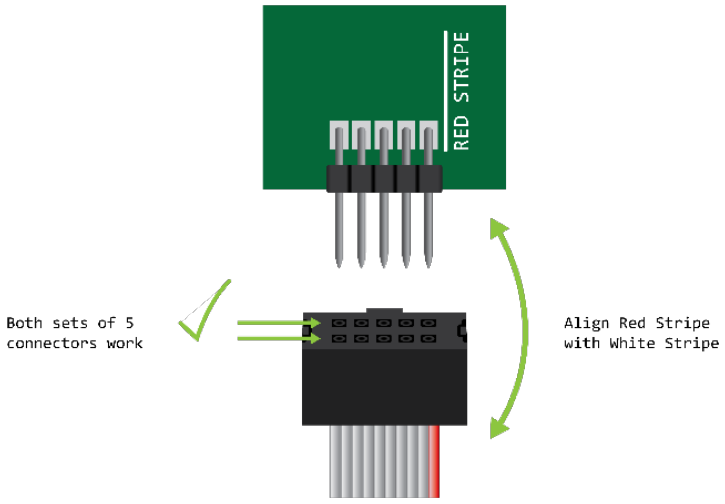
Discover more at https://www.twohp.com/modules/blur

Module Installation

- To install your 2hp module, locate a space with the appropriate HP in your rack for installation.
- Next, connect the module's power cable to your power supply. The cables on this end are keyed, though you should make sure to align the red stripes on both connectors to ensure safe and proper connection. Our illustration uses a flying bus cable, though the same action applies for busboards/alternate power solutions. See the figure below for reference:



- Next, make sure your module's power cable is properly connected to your module. For 2hp modules, confirm that your cable's red stripe aligns with the white marker line on the module's PCB, just above the power header. You may notice that even though there is only 1 row of 5 pins on your 2hp module, but 2 rows on the power cable. You can use either row of 5 pin connectors on the cable with your module, so long as the red stripe is properly aligned. See figure below for reference:



Module Pairings

Blur is an incredible sound design effect that places perfectly in any part of the signal path. Here are a few recommendations to elevate your spectral experience!

Pluck

Pluck is a great candidate for grabbing sharp transients and intriguing harmonics and blur-ring them into a wash of sonic ambience!

Verb

Want to make your spectral time stretch even bigger? Throw a Verb on it!

And since Verb is a stereo effect, it makes all the more sense to place 2 Blurs before it (or after!).

Swarm

Massive hyper-saws and pulse-wave oscillators are the perfect playground for Blur to smear. Synth pads are about to get a whole lot more lush.

Pitch

Pitch shift your blurred spectral signal! It's a no brainer to turn any audio source into a v/oct tracking bed of sound.