

2hp VCA

Dual Channel Voltage Controlled Amplifier

Tech Specs

Width: 2HP

Depth: 45mm

Power Consumption:

+12V=21mA, -12V=26mA, +5V=0mA

Ch. 1 Input

Signal input for channel 1. DC-coupled for audio or CV. Range: 10Vpp

Ch. 1 LED

Ch. 1 Output

Signal output for channel 1. DC-coupled for audio or CV. Range: 10Vpp

Ch. 2 Input

Signal input for channel 2. DC-coupled for audio or CV. Range: 10Vpp

Ch. 2 LED

Ch. 2 Output

Signal output for channel 2. DC-coupled for audio or CV. Range: 10Vpp



Ch. 1 CV Input

Control voltage input for channel 1. Signal is at full scale when 5V, and adds 6B at 10V (Signal may clip). When patched, channel 1 knob attenuates the incoming signal. Range: $\pm 10V$

Ch. 1 Amp Knob

Controls the amplitude of channel 1's incoming signal. At fully left, the signal is attenuated to 0V. At fully right, the signal is at full scale.

Ch. 2 CV Input

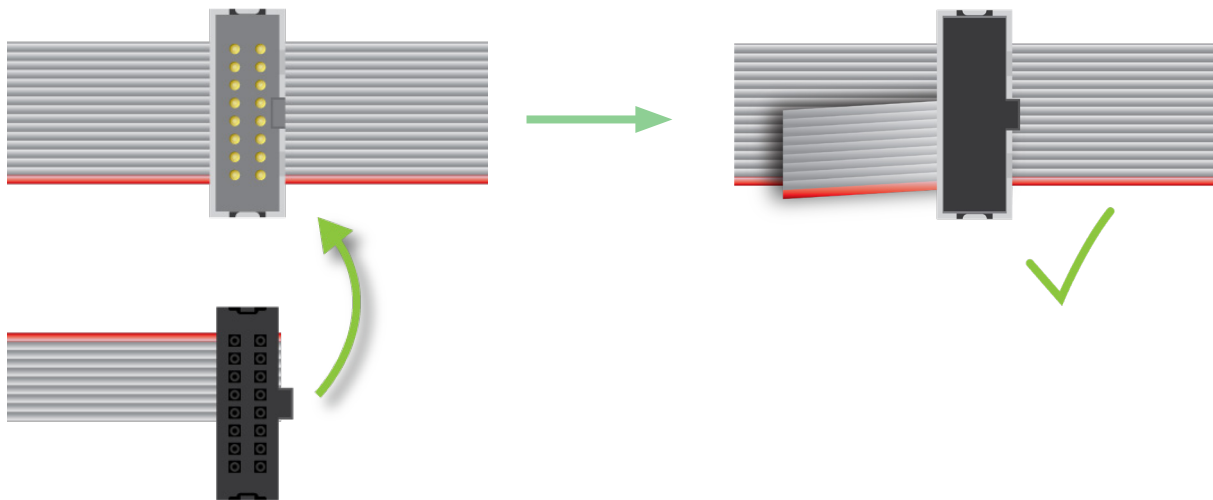
Control voltage input for channel 2. Signal is at full scale when 5V, and adds 6B at 10V (Signal may clip). When patched, channel 2 knob attenuates the incoming signal. Range: $\pm 10V$

Ch. 2 Amp Knob

Controls the amplitude of channel 2's incoming signal. At fully left, the signal is attenuated to 0V. At fully right, the signal is at full scale.

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:

- Finally, mount your module to the rails using appropriate mounting screws. Your module is now ready to be powered on and patched!

