

2hp ADSR

4-stage envelope generator

Tech Specs

Width: 2HP

Depth: 45mm

Power Consumption:

+12V=24mA, -12V=7mA, +5V=0mA

Range Toggle

Selects the length range of the envelope.

Fast (toggle down): 0.54ms to 20s

Slow (toggle up): 5ms to 2min

Decay Knob

Controls the decay stage length.

Short=fully left

Long=fully right

Release Knob

Controls the release stage length.

Short/Immediate Stop: fully left

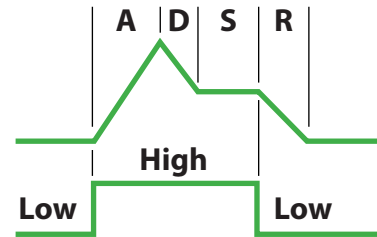
Long/Long Tail: fully right

Output

Outputs a copy of Input 1's signal.

Range: 0V to +10V

Gate/ADSR Relation



Gate Input

Triggers the envelope event. The Sustain stage is held while the gate signal is HIGH. Increase the gate length for longer sustains! Threshold: 2.5V

Attack Knob

Controls the attack stage length.

Short/Sharp: fully left

Long/Swell: fully right

Sustain Knob

Controls the sustain stage length. Sustain stage is only active when the gate input is HIGH.

Short: fully left

Long: fully right

Out LED

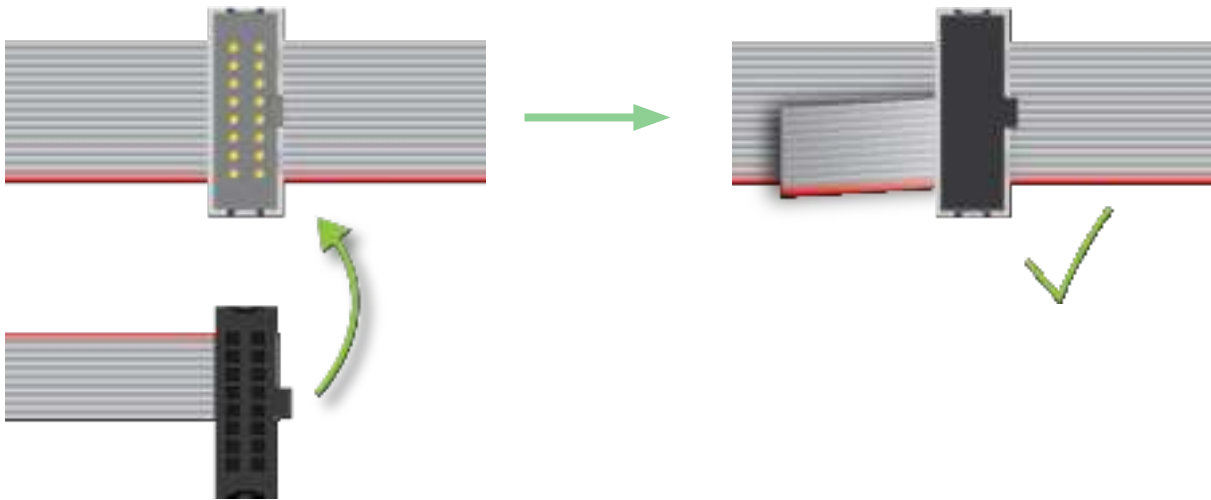
Indicates the envelope's amplitude.



Discover more at twohp.com/modules/adsr

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!

