

# 2hp Arp

## Gate-driven Arpeggiator

### Tech Specs

Width: 2HP

Depth: 45mm

Power Consumption:

+12V=40mA, -12V=3mA, +5V=0mA

### Trig Input

Advances the Arpeggio.  
Threshold: 0.4V

### Root CV Input

CV input for the Root knob.  
Range: 0V to +5V

### Chord CV Input

CV input for the Chord knob.  
Range: 0V to +5V

### Chord Knob

Selects the chord to be arpeggiated,  
indicated by the LEDs.

### Mode Knob

Selects the arpeggio playback mode.

### Root Knob

Set the initial pitch offset of the  
output, i.e. the chord's root note.

### Output

V/Oct output for the arpeggio.  
Range: 0V to +5V



### Reset Input

Restarts the Arpeggio at the root note.  
Threshold: 0.4V

### Chords

Here are the available Chords and  
their LED indications:

Chord	M/m LED	7TH LED	* LED
Major	●	●	●
Major 7	●	●	●
Dominant 7	●	●	●
Minor	●	●	●
Minor 7	●	●	●
Diminished	●	●	●
Half Diminished 7	●	●	●
Full Diminished 7	●	Blinking ●	●
Augmented	●	●	Blinking ●
Augmented 7	●	●	Blinking ●
Sus 4	Blinking ●	●	●
Sus 4 Maj 7	Blinking ●	●	●
Sus 4 Min 7	Blinking ●	●	●

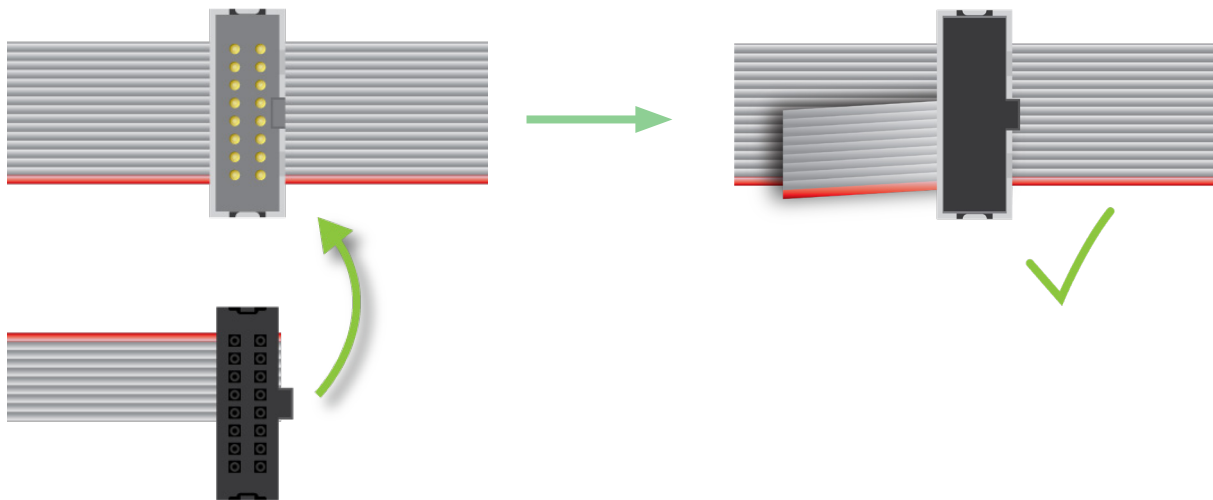
### Modes

Here are the available arpeggio  
playback modes:

- Ascending one octave
- Ascending two octaves
- Descending one octave
- Descending two octaves
- Pendulum one octave
- Pendulum two octaves
- Random one octave
- Random two octaves

# 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!

