

2hp — Arp

• [Manual PDF](#)

[Download the 2hp Arp Manual \(PDF\)](#)

2hp Arp Cheat Sheet

Gate-Driven Arpeggiator Module (2HP, Depth: 45mm)

Inputs & Outputs Reference

Jack	Function	Voltage Range
TRIG	Advances the arpeggio when > 0.4V	Gate/Trigger
RESET	Restarts the arpeggio at the root note when > 0.4V	Gate/Trigger
ROOT CV IN	CV input for the Root knob (selects chord root)	0 to +5V
CHORD CV IN	CV input for the Chord knob (selects chord type)	0 to +5V
OUT	V/Oct arpeggio output	0 to +5V

Controls

Control (Knob)	Function	Notes
ROOT	Sets the initial pitch offset (chord's root note)	Manual or voltage controlled
CHORD	Selects which chord is arpeggiated; LEDs indicate active chord	Manual or voltage controlled
MODE	Selects arpeggio playback mode	8 modes (see below)

Chord Types and LED Indications

Type	M/m LED	7TH LED	* LED
Major	●		
Major 7	●	●	
Dominant 7		●	
Minor			●
Minor 7		●	●
Diminished	● (Off)		● (Off)
Half Diminished 7		●	● (Off)
Full Diminished 7			Blinking
Augmented		●	Blinking

Type	M/m LED	7TH LED	* LED
Augmented 7	●	●	Blinking
Sus 4			Blinking
Sus 4 Maj 7		●	Blinking
Sus 4 Min 7	●	●	Blinking

Arpeggio Modes (Mode Knob)

- Ascending (1 octave)
- Ascending (2 octaves)
- Descending (1 octave)
- Descending (2 octaves)
- Pendulum (1 octave)
- Pendulum (2 octaves)
- Random (1 octave)
- Random (2 octaves)

Power Consumption

- +12V: 40mA
- -12V: 3mA
- +5V: 0mA

Installation Tips

- 2HP wide; align the red stripe on the power cable with the white line on the module's PCB.
- Connect either row of 5 pins (if using a 10-pin cable) but always check alignment.

- Mount securely before powering on your rack.
-

Quick Workflow

1. Patch your clock or gate to the TRIG input.
 2. Select chord root (ROOT knob or ROOT CV IN) and chord type (CHORD knob or CHORD CV IN).
 3. Choose arpeggio mode and range using the MODE knob.
 4. Patch OUT to your VCO or voice.
 5. *(Optional)* Use RESET to jump the arpeggio back to the root.
-

Generated With [Eurorack Processor](#)