

# 2hp – Arp

---

- [Manual PDF](#)

---

[2hp Arp Manual PDF](#)

---

## Creative Uses for 2hp Arp in Your Eurorack System

---

The 2hp Arp is a compact, gate-driven arpeggiator module tailored for chord sequencing and melodic generation. Leveraging its flexible inputs and V/Oct output, you can integrate Arp into a wide variety of modular patches. Here are some creative ideas for using the 2hp Arp in conjunction with other modules:

### 1. Generative Melodic Sequencing

- **Combine with:** Random/Probability generators (e.g. Mutable Instruments Marbles, WMD Probability)
- **How:** Use a trigger/gate sequence from Marbles to trigger Arp. Add slow, evolving CV from an LFO or random source to Chord/Root CV ins. Let the arpeggiator generate constantly shifting chord arps for an evolving melody or pad.
- **Tip:** Use a quantizer (e.g. Doepfer A-156) before or after Arp's output to lock unexpected CV fluctuations into a musical scale.

### 2. Polyrhythmic Madness

- **Combine with:** Multiple sequencers/triggers (e.g. Intellijel Steppy, Pamela's NEW Workout)
- **How:** Advance Arp with one trigger source, but reset it with another on a different division. This lets you create evolving,

unpredictable arp patterns that phase in and out of sync with your master clock.

- **Tip:** Try gating with irregular rhythms, or even with external drum outputs for glitchy, syncopated arps.

### 3. Performance Arpeggios

- **Combine with:** Pressure or touch controllers (e.g. Make Noise Pressure Points, Intellijel Planar)
- **How:** Use pressure or X/Y pads to send live CV to the Chord or Root inputs, allowing expressive, real-time changes to the arpeggiated patterns during performance.
- **Tip:** Patch output to a mult, feeding both a lead voice and a bass oscillator (transpose down an octave) for instant, harmonically locked bass/lead duets.

### 4. Wild Modulation

- **Combine with:** Audio-rate LFO (e.g. Befaco Rampage, Maths)
- **How:** Patch a fast, audio-rate LFO to the Chord CV or Root CV input. This can “FM” the arpeggiator, creating wild, atonal, or microtonal sequences for aggressive or experimental textures.
- **Tip:** Use an attenuator to tame wild CV swings and recover musical movement.

### 5. Layered Chord Arps

- **Combine with:** Multiple oscillators/voices, mixer, and effects (e.g. Mutable Instruments Plaits, 4ms Listen Four, Make Noise Mimeophon)
- **How:** Take Arp’s output and run it through a precision adder (e.g. Doepfer A-185-2) with other pitch CVs, or use a CV splitter to send identical sequences to multiple sound sources. Process with different filters/delays for massive stereo arp textures.
- **Tip:** Modulate Mode knob with step CV from a sequencer for shifting between up/down/pendulum/random modes in sync with your musical phrases.

## 6. Chord Progression Jams

- **Combine with:** CV recorders/sequencers (e.g. Expert Sleepers Disting, Malekko Voltage Block)
- **How:** Sequence the Chord CV input with a multi-step sequencer to outline traditional or evolving chord progressions. The arpeggiator will then “jam” the chords you outline, giving moving harmonic content great for both background pads and lead lines.

## 7. Euro-Polyphonic MIDI Integration

- **Combine with:** MIDI to CV converter with chord out (e.g. Endorphin.es Shuttle Control, Polyend Poly 2)
- **How:** Use your DAW or external keyboard to send chords directly as CV to the Chord input, triggering advanced arpeggiation on those MIDI-fed harmonies. This is a great way to bridge the worlds of DAW-based composition with the richness of modular.
- **Tip:** Automate gates, modulate Mode, and send Root CV from MIDI for full expressive control.

---

Remember, experiment with clocking speeds, modulation amounts, external processing, and cross-patching with other creative utilities (S&H, logic, analog shift registers) for endless complexity and variety!

---

Generated With Eurorack Processor