

2hp — Arp

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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!

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