

Zlob – Triple Cap Chaos

- [Manual PDF](#)
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[Triple Cap Chaos Manual \(Webpage\)](#)

Creative Ways to Use the Zlob Modular Triple Cap Chaos in Your Eurorack System

The **Triple Cap Chaos** (C^3 Chaos) is a unique 2hp analog chaos oscillator, pseudo-ring modulator, harmonics generator, and audio mangler. Unlike traditional modules, its chaotic attractors and audio focus make it fantastic for experimental, noisy, and unpredictable sound design. Here are creative ideas for using it in your rig:

1. Chaotic Audio Source

- **Patch the X or Y Output Directly to Your Mixer or VCA**
- The X output: windier, sinusoidal and noisy.
- The Y output: harsh, squared, aggressive.
- **Control Suggestions:** Use attenuators or a VCA to shape dynamics, or send it through a low-pass filter to tame highs.
- **Pair With:** Mutable Instruments Ripples (filter), Make Noise Optomix (low-pass gate).

2. Ring Mod & Harmonic Mangling

- **Feed an Audio Oscillator or Drum Loop Into the “IN” Jack**

- Use a VCO, drum module (e.g., Erica Pico Drums), or even a recorded loop.
- The result is ring-mod-esque, adding harmonics or bit-crush quality (especially on Y).
- **Pro Tip:** Modulate the "Emanate" knob with a slow LFO for rhythmic chaos shifts.
- **Pair With:** ALM Busy Circuits MCO (VCO), Make Noise Maths (CV/LFO).

3. Experimental Modulation Source

- **CV Outputs as Modulation**
- The X and Y outs are audio-rate, but with chaos at core—send them to modulate FM, filter cutoff, wavefolder, etc.
- You'll induce wild, evolving modulations.
- **Pair With:** Intellijel μFold (wavefolder), Mutable Instruments Plaits (FM input).

4. Noise/Random Audio for Percussion

- **Patch Y to a VCA Triggered by an Envelope**
- Produces percussive, noisy, metallic hits.
- **Shape the Sound:** Use a high-pass or bandpass filter to focus on specific frequency bands.
- **Pair With:** Tiptop Audio ENV (envelope), WMD/SSF MMF (multi-mode filter).

5. Voltage-Controlled Chaos

- **CV Input Modulation**
- Patch a slowly moving LFO, random voltage, or even a sequencer to the CV input to sweep the chaos characteristics (Width knob acts as attenuator).
- **Try with:** Mutable Instruments Tides (cycling random LFO), Xaoc Batumi (quad LFO), or Make Noise Rene (CV sequencer).

6. Feedback Loop Experiments

- **Feed Output Back Into Input (Directly or Through Another Effect)**
- Patch X or Y output back to IN (possibly via a delay, distortion, or VCA).
- Careful gain staging recommended—feedback produces unpredictable, self-generating noise structures.
- **Pair With:** Happy Nerding FX Aid (effect processor), or Befaco A*B+C (attenuverter for feedback control).

7. Stereo or Dual-Channel Chaos

- **Use Both X & Y Outputs in Parallel**
- Send X and Y to the left and right channels of a stereo mixer for wild, evolving stereo textures.
- Optionally, modulate each channel differently with filters or effects.

8. CV-Influenced Harmonic Textures

- **Mix Oscillator and Chaotic Outputs**
 - Crossfade (via mixer or CV crossfader) a typical oscillator with the Triple Cap Chaos for evolving, harmonic and inharmonic tones.
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Bonus Module Recommendations

- **LFO/Random:** Mutable Instruments Marbles, Doepfer A-145-4.
 - **Envelope/Follower:** Maths or ALM Pip Slope.
 - **Distortion:** Erica Synths Fusion VCF or Befaco Crush Delay.
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More Resources

- [Triple Cap Chaos Manual/Buy Page](#)

- 13 Patches for Triple Cap Chaos by J.Soliday ([Direct Link](#))
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