

# Erica Synths – Bassline

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## Creative Ways to Utilize the Erica Synths Bassline in Your Eurorack Setup

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The Erica Synths Bassline is a versatile analog synth voice designed for acid, techno, and experimental basslines. Here's an analysis of its features and creative patching ideas combining it with other modules.

### Key Features Recap

- **Analog VCO** (with SAW, PULSE, SUB oscillator)
  - **VCF** (Polivoks-inspired, resonance, CV control)
  - **Envelope** (ADSR, CV controllable)
  - **Accent In/Out** (for classic acid lines)
  - **Gate, CV, Modulation & External Input/Output**
  - **Compact 14HP format**
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## Creative Combinations & Patching Ideas

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### 1. Acid Techno Basslines with Sequencers

- **Recommended module:** [Mutable Instruments – Yarns / Arturia Beatstep Pro / Intellijel Metropolis]
- **How:** Sequence pitch CV & gate, use **accent CV** from the sequencer or even Pam's New Workout. Add slide with external

slew limiter (e.g., Doepfer A-171-2 or Mutable Stages in slew mode) patched before VCO CV in.

- **Result:** Classic squelchy acid, 303-style lines—Slide and accent made easy!

## 2. Audio Rate Modulation

- **Recommended module:** Any extra oscillator (e.g., Dixie II+, STO)
- **How:** Patch a fast LFO or VCO into the **Modulation CV input** or **VCF Cutoff CV**.
- **Result:** FM (Frequency Modulation) basses, complex metallic timbres, or formant-like growls.

## 3. Waveshaping & Distortion Chains

- **Recommended module:** Wavefolder (e.g., Serge Wave Multiplier, Intellijel uFold) or distortion (e.g., Erica Synths Fusion VCA/Waveshaper).
- **How:** Route the Bassline module's output through a waveshaper and/or distortion.
- **Result:** Industrial, hard techno-bass or acid with a twist.

## 4. Dual Basslines & Cross-Modulation

- **Recommended module:** Another Bassline or a simple analog voice (Doepfer A-111-5 Mini Synth, Dreadbox Hysteria or Make Noise STO)
- **How:** Patch each to their own sequencer line, cross-modulate their VCF cutoff or use the output of one as modulation source for the other.
- **Result:** Poly-rhythmic acid lines, evolving bass textures.

## 5. External Input Processing

- **Recommended module:** Drum machine, other synth, or sampler
- **How:** Patch external audio to the **Ext In** of Bassline, use the filter and envelope to process drums, samples, or other synths.

- **Result:** Acidic breakbeats, filtered percussion, or animated sample mangling.

## 6. Generative Patches with Random CV

- **Recommended module:** Random module (e.g., Wobblebug, Turing Machine, or Marbles)
- **How:** Send random voltages to Cutoff CV, VCA Env CV, or Tune CV.
- **Result:** Evolving, unpredictable acid bass or weird techno sequences.

## 7. Clocked Rhythmical Filtering

- **Recommended module:** Pamela's New Workout, Malekko Varigate, or Euclidean sequencer.
- **How:** Use a rhythmic clock or gate pattern to modulate accent in or VCF cutoff.
- **Result:** Synchronized filter movements, "bouncing" bass patches, synced to your master clock.

## 8. Stereo Tricks & Paraphony

- **Recommended module:** Stereo panner (e.g., Make Noise PanMix), two Bassline modules
- **How:** Run two detuned Basslines, pan hard left/right, sequence each slightly differently.
- **Result:** Huge stereo bass sound, paraphonic effect.

## 9. Ring Modulation & Amplitude Modulation

- **Recommended module:** Ring modulator (Doepfer A-114, Intellijel uMod)
- **How:** Sum Bassline output and another VCO output in a ring modulator or use VCA for AM with external CV.
- **Result:** Bell-like, clangorous bass and metallic timbres.

## 10. Bass Chaining and Signal Routing

- **Recommended module:** Sequential switch (Doepfer A-151), matrix mixer (Doepfer A-138m)
  - **How:** Route the Bassline through switchable effects, or blend various signal-mult combinations.
  - **Result:** Live performance possibilities, morphing basslines.
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### Summary Table of Inputs/Outputs & Creative Patch Ideas

Bassline Input/Output	Patch Suggestion	Example Module
Tune CV / VCO FM	Pitch slides, FM	Slew Limiter, Dixie II+
VCF Cutoff CV	Rhythmic filter, random mod	Envelope Generator, Marbles, PNW
Ext In	Filter drums/other synths	Anything!
Gate In	Generative rhythm, accent triggering	Trigger sequencer, Marbles
Accent In	Dynamic acid lines	Sequencer with accent/gate out (Metropolis)
Audio Out	Chain with effects/distortion	uFold, Fusion VCA/Waveshaper, Pico DSP

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### Tips

- Patch Accent Out into Accent In for auto-accented lines.
- Self-patch VCA Env or VCF Env outs to mod inputs for feedback madness.

- Experiment with very slow modulation for evolving drones.
  - Combine with add-on CV utilities (attenuators, offset, logic modules) for complex performance control.
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**Manual:** [Erica Synths Bassline Manual \(PDF\)](#)

**Generated With Eurorack Processor:** <https://github.com/nstarke/eurorack-processor>