

Erica Synths – Drum Sequencer

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Creative Sound Design with Erica Synths Drum Sequencer

The Erica Synths Drum Sequencer is powerful for both rhythmic and melodic sequencing in a modular environment, thanks to its deep modulation, randomization, and sequencing options. Here's how you can leverage its features to create the types of sounds you requested:

1. Distorted Percussive Sounds

Key strategies: - **Microtiming (uTM):**

Use the Step Events Mode to shift triggers ahead or behind the grid for flams, humanized grooves, or overlapping hits—a great way to drive analog distortion circuits differently each time.

- **Retriggering (RTRG):**

Employ step retrigger mode to fire off multiple triggers per step, creating rolls or stuttering hats/snares. Send these to modules with built-in distortion or into wave folders/waveshapers.

- **Accents:**

Assign accents to certain steps to push external VCA or distortion input levels, creating "clipped" hits.

- **Shuffle & Swing:**

Apply maximum shuffle to some parts for an off-kilter, pushed groove—unpredictable hits into distortion!

- **Randomization:**

In CV/Gate Track Randomization Mode, set high randomization probabilities for steps/gate length so your percussion is always evolving with unexpected accents and timings.

Patch tip:

Sequence your drums through distortion, send an LFO out of the Drum Sequencer's LFO outputs modulating the drive or filter frequency of your distortion.

2. Crazy Basslines (Dubstep, Drum & Bass Style)

Key strategies: - CV/Gate Track:

Program your basslines directly using the melodic track. Use the Note Edit and CV/Gate Randomization to introduce slides, ties, or randomization for unpredictable patterns.

- **Note Slides & Ties:**

In Note Edit, add slides between adjacent steps to get gliding, wobble-style transitions; tie gates for legato effects.

- **Gate Length:**

Set varying lengths (even up to 'tie') for staccato or drawn-out notes, shaping the bass groove.

- **Scales & Octaves:**

Switch quickly between scales for modal twisting, or transpose by octaves with COPY/PASTE for heavy sub drops.

- **Step Probability (PRO):**

Use probability settings so notes 'flicker' in and out, keeping interest in repeated patterns.

- **LFO Modulation:**

Use the on-board LFOs to modulate the cutoff/resonance of an external filter tracking your bass or as FM into a VCO for growl/wobble.

Patch tip:

Use LFO1 to modulate the filter cutoff on your bass voice, clock-sync the LFO so the movement hits right on the beat or off for syncopation.

3. Haunting Atmospheric Pads

Key strategies: - CV/Gate Track with Long Gates:

Sequence slow-moving melodies with long gate times or use 'tie' for droning sustained notes.

- **LFO as Slow CV Modulator:**

Assign one of the LFOs to a slow sine/triangle, use this to modulate the pitch, timbre, or reverb amount on your pad voice for a drifting feel.

- **Randomization for Evolving Textures:**

High random probability on note and octave parameters in the CV randomizer yields ever-changing harmonies.

- **Mute Arming & Pattern Chaining:**

Chain patterns or use mute arming to bring voices in and out for gradual texture changes.

- **Ping-Pong/RANDOM Directions:**

Use non-linear step progression for evolving, non-repetitive pads.

Patch tip:

Use the Drum Sequencer's LFO outputs to modulate the mix of an external reverb or granular module, or send random gates to trigger atmospheric sounds sporadically.

General Modulation Techniques with the Drum Sequencer

- **Dedicated LFO Outputs:**

Clock-divided or audio-rate LFOs can modulate ANY device in your rack (filter cutoff, VCO FM, waveshaper depth, panning, effects mix, etc.)

- **Dynamic Pattern Modulation:**

Use CV/Gate randomization *live* for controlled chaos — re-randomize between sections.

- **Midi & Clock Insertions:**

Integrate with other eurorack sequencers or DAWs for cross-modulation of patterns or LFOs.

- **Probability-based Drumming:**

For generative percussion, employ a combo of step probability and ratcheting.

Further Automation & Processing Resource

- [Generated With Eurorack Processor](#)

Dive into the Drum Sequencer's manual for more deep-dives, and don't be afraid to layer these ideas for even wilder results!