

Erica Synths – LXR Eurorack

- [Manual PDF](#)
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Erica Synths x Sonic Potions LXR Eurorack Module Cheat Sheet

Manual PDF:

[Erica Synths LXR Eurorack Manual PDF \(official\)](#)

Module Overview

The **Erica Synths x Sonic Potions LXR Eurorack Module** is a 6-voice digital drum synthesizer with deep sound shaping, modulation, and performance capabilities. Each voice is highly programmable and can simulate classic analog drum sounds or venture deep into digital territory.

Panel Reference – Jacks, Knobs, Buttons

Input & Output Jacks

Audio Outputs (2nd Row, L→R):

- **OUT 1 – 4 (4 jacks):** Assignable, DC-coupled, 10Vpp, Output Impedance: 100 Ω
- **Stereo out possible as two pairs, or as 4 mono outputs**
- **FX Bus:** Assign voices to FX-processed output

Trigger Inputs (Top Row, L→R):

- **DRUM1 – DRUM3, SNARE, CLP/CYM, CL HH, OP HH:** 7x 3.5mm jacks, 5V trigger

Accent Inputs:

- **ACC1 – ACC6:** 6x 3.5mm jacks, 5V for velocity/accent per-voice

CV Inputs:

- **CV1 – CV5:** 5x 3.5mm jacks, assignable to almost any parameter via the mod matrix
 - **Voltage Range:** -5V to +5V
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Controls:

Knobs & Encoder:

- **4 Endless Pots** below screen: Adjust highlighted parameter values
- **Encoder:** Navigate menus, push to enter/exit parameter detail edit

Buttons:

- **MENU BUTTONS (Labeled EDIT, PERFORM, MOD, FX, DATA, etc.):** Select module operating mode
 - **7 SELECT Buttons:** Switch between parameter menu sections or select voices (when holding DRUM button)
 - **DRUM Button:** Hold + SELECT to change the active voice
 - **SHIFT Button:** For secondary functions (e.g. SHIFT + FX for FX, SHIFT + SAVE/LOAD for global settings)
 - **SAVE/LOAD:** Load or save kits
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Modes & Menu Navigation

EDIT Mode:

- Edit parameters for each voice
- DRUM + SELECT = choose active voice
- SELECT alone = change to a menu section (OSC, AEG, MOD, FM, CLICK, FIL, MIX)

PERFORMANCE Mode:

- Jam mode (no editing), trigger sounds or morph between kits

MODULATION Menu:

- Assign 3 slots per voice:
 - Sources: 5 CVs, 6 LFOs, 6 Accent inputs
 - Destinations: Any voice parameter, 1V/Oct support for tonal play (src: "v/o", amt: 100%)

LFOs:

- 6 LFOs, classic shapes (sin/tri/saw/sqr/rnd/xup/xdn)
- Assign via MOD menu, retrigger available

FX Mode:

- 1 global FX at a time: Drive (distortion), Ringmod, Compressor, Delay
- Route voices to FX via MIX page

Quick Reference: Parameter Pages

Menu Page	Key Parameters	Description
OSC	coa, fin, wav, pwm	Oscillator freq/waveform

Menu Page	Key Parameters	Description
AEG	att, dec, slp, rpt (clap)	Amplitude envelope (attack, decay, shape)
MOD	dec, slp, mod, vol	Extra envelopes, accent to volume
FM	amt, frq, wav, mod	FM Osc, mode, ratio
CLICK	wav, vol, frq	Transient generator, snappy/offset/sample
FIL	frq, res, typ, drv	Filter (freq, type: LP, HP, BP, etc.)
MIX	vol, pan, sr, drv, out	Volume, panning, FX/output routing

Saving & Loading Kits

- **Load:** Press SAVE/LOAD, use encoder to select, press encoder to confirm
 - **Save:** SHIFT + SAVE/LOAD, select slot, confirm and name/edit
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Global Settings

- **SHIFT + SAVE/LOAD:** Access settings (when both are pressed).
 - **Screensaver:** On/Off
 - **CV Routing:** Global/per-kit
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Firmware Update

- Copy latest `.img` file to SD root, power up holding encoder, follow prompts on display
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Electrical/Mechanical Specs

- **Audio Output:** 10Vpp, 100 Ω unbalanced
 - **CV Inputs:** -5V to +5V
 - **Power Draw:** +12V (88mA typical, 160mA peak), -12V (10mA typ, 12mA peak)
 - **Triggers/Accent:** 5V
 - **Physical:** 28HP wide, 35mm deep
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Tips

- Use performance mode to morph between sounds live.
 - Modulate any parameter (including 1V/Oct pitch) with CV.
 - Use envelopes, filter types, repeat, transients, FX for deep drum shaping.
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Links

- [Official Manual PDF](#)
 - [Generated With Eurorack Processor](#)
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Happy patching!