

# Erica Synths – Bassline

---

• [Manual PDF](#)

---

[Erica Synths Bassline Module Manual \(PDF\)](#)

---

## Erica Synths Bassline – Quick Reference Cheat Sheet

---

### What Is It?

---

The Erica Synths Bassline is a full analog synth voice in a Eurorack module, best for acid basslines and fat synth parts. It includes a VCO, transistor-based suboscillator, VCF, and envelopes.

---

### Front Panel Controls

---

**Knobs:**

Knob	Function	Range/Notes
TUNE	Set VCO initial tune	Manual only
SUBOSC LVL	Level of transistor-based suboscillator	Manual only
DETUNE	Detune the main oscillator vs. suboscillator	Manual only
CUTOFF	VCF Cutoff frequency	

Knob	Function	Range/Notes
		Manual only, CV input
RESONANCE	VCF Resonance	Feedback, acid tones
F ENV	Filter envelope amount	Manual only
VCA ENV	VCA envelope amount	Envelope strength
VCO CV	Manual offset of VCO pitch	Manual only

#### Buttons:

Button	Function
ACCENT	Triggers the Accent circuit
SLIDE	Activates Portamento/Slide
OUT	Main audio output
MAIN OUT	Same as OUT (duplication)

---

## Inputs and Outputs

Jack	Type	Description	Voltage Range
VCO CV	Input (CV)	Controls VCO pitch (1V/oct)	0V to +10V
GATE	Input	Gate/Trigger for envelope and VCA	0V = off, 2V+ = on

Jack	Type	Description	Voltage Range
ACCENT	Input	Boosts envelope intensity for punch	0V = no accent, 5V+
SLIDE	Input	Initiates slide/portamento	0V = off, 5V+ = on
OUT	Output	Main audio output	-5V to +5V
MAIN OUT	Output	Duplicate main output	-5V to +5V
VCF ENV	Input (CV)	VCF Envelope CV input	0V to +10V

---

## Usage Workflow

1. **Pitch control:** Send VCO CV (1V/oct) and use TUNE for fine adjustment.
  2. **Suboscillator amount:** Adjust SUBOSC LVL for punch and body.
  3. **Detuning:** Adjust DETUNE for richer analog texture.
  4. **Gate/Accent/Slide:** Use GATE to trigger notes, ACCENT for punchier envelopes, and SLIDE for acid slides.
  5. **VCF shaping:** Use CUTOFF and RESONANCE for filtering, F ENV to control how much envelope affects cutoff, VCF ENV for external modulation.
  6. **VCA envelope:** Set how "snappy" or sustained the volume is with VCA ENV.
  7. **Patch outputs:** OUT and MAIN OUT both output the final signal.
- 

## Voltage Reference

- **VCO CV:** 1V/oct (typically 0–10V)
- **Gate/Accent/Slide:** 0V (off), 2V+/5V+ (on)

- **VCF ENV:** 0–10V
- 

## Special Features

---

- Analog transistor suboscillator with detune
  - Full analog OTA-based VCF for classic acid tones
  - Accent and Slide for TB-303 style patterns
- 

**More info & detailed manual:**

[Erica Synths Bassline - Official Manual PDF](#)

---

[Generated With Eurorack Processor](#)