Erica Synths — Compressor

• [Manual PDF](#)

[Erica Synths Stereo Compressor Manual (PDF)](#)
(Link provided according to typical Erica Synths documentation URLs for further reading)

Erica Synths Stereo Compressor

Eurorack Module Cheat Sheet

Overview

• **Stereo THAT-chip-based compressor** for Eurorack.
• Designed for percussion, live modular mixes, basslines, and sidechain ducking.
• Features **DC-coupled sidechain** and full independent or linked stereo operation.

Specs

Parameter	Value
Audio Input Level	-5V to +5V
Threshold	-40dB to +10dB
Makeup Gain	-12dB to +12dB

Parameter	Value
Ratio	1:1 to ∞
Power Consumption	+60mA / -22mA
Width/Depth	10HP / 35mm

Inputs & Outputs

Front Panel Jacks

- **IN L / IN R**
- **Type:** Audio Input (Left/Right)
- **Range:** -5V to +5V

- **Use:** Main stereo audio input.

- **OUT L / OUT R**

- **Type:** Audio Output (Left/Right)
- **Range:** Typical eurorack audio levels

- **Use:** Main stereo output.

- **SIDE IN L / SIDE IN R**

- **Type:** CV/Audio Input (Left/Right)
- **Range:** -5V to +5V

- **Use:** External sidechain trigger/ducking per channel – patch a drum or kick for beat-based ducking.

- **SIDE OUT L / SIDE OUT R**

- **Type:** Buffered Output (Copy of IN L/IN R)
- **Range:** -5V to +5V
- **Use:** Pass-through copy of input for splitting or other processing.

Controls

- **INPUT LVL** *(Knob)*

- Adjusts input level before compression.

- **GAIN** *(Knob)*

- Sets compressor's makeup gain, from -12dB to +12dB.

- **THRESHOLD** *(Knob)*

- Sets the level at which compression kicks in (-40dB to +10dB).

- **COMP.AMT (Compression Amount / Ratio)** *(Knob)*

- Controls how much compression, from 1:1 (none) to ∞ (limiting).

- **STEREO LINK / PROCESS** *(Toggle Switch)*

- **STEREO LINK ON:** Link level detectors for both channels (consistent stereo image).

- **PROCESS:** Engages compression circuit.

- **BYPASS** *(Button)*

- Instant bypass of compression (audition unprocessed sound).

- **8-SEGMENT VU METER**

- **Visual:** Shows output level post-compression.

Panel Reference

```
flowchart LR
 A(IN L) --> F[COMPRESSOR]
 B(IN R) --> F
 C(SIDE IN L) --> F
 D(SIDE IN R) --> F
 F --> E(OUT L)
```

```
F --> G(OUT R)
F --> H(SIDE OUT L)
F --> I(SIDE OUT R)
```

Operational Tips

- Use **STEREO LINK ON** for consistent compression and stereo image (great for percussion & full mixes).
- Insert a **sidechain signal** (typically drums/kick) to duck/move melodic content (pump effect).
- If processing very different L/R signals, **stereo linking** avoids wild panning shifts due to channel-independent gain reduction.
- Tweak **THRESHOLD** and **COMP.AMT** for subtle glue or aggressive slap.

Safety/Usage

- Never expose to liquids or extreme temps.
- Only ship in original packaging for warranty!

Links

- [Erica Synths Official](#)
- [Full Warranty Info](#)

[Generated With Eurorack Processor](#)