Erica Synths mki x es.EDU DIY VCA



The mki x es. EDU VCA is simple, yet efficient dual VCA for your eurorack system. It has DC coupled inputs, so you can use the VCA both for audio and CV signals. Inputs of the second VCA are normalled to the first one, which allows to split audio signal to both VCA or control both VCAs with a single CV. A 60 page build manual explains electronics behind the module and provides step-by step build instructions.

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Erica Synths and Moritz Klein have developed series of educational DIY kits under the brand name mki x es. EDU with one specific goal in mind: to teach people with little-to-no prior experience how to design analog synthesizer circuits from scratch. What you'll find in the box is not simply meant to be soldered together and then disappear in your rack. Instead, they want to take you through the circuit design process step by step, explaining every choice we've made and how it impacts the finished module.

In total, they have developed 9 kits to build a fully featured modular mono-synth: a sequencer, a VCO, a wavefolder, a noise/S&H module, a mixer, a VCF, an Envelope generator, a dual VCA and an output stereo mixer with a headphone amplifier. Additionally, an affordable eurorack case with a DIY PSU will also be available. While these kits are easy to build, they did not compromise on design and functionality. They will launch one kit every 4-6 weeks. Each kit comes with an extensive user manual (40+ pages) that will dive deep into not only the electronics behind each circuit, but also the fundamental principles of sound synthesis.

They hope that the mki x es. EDU project will inspire future engineers and will contribute to the ever growing diversity of electronic music technology.

www.ericasynths.lv

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