Erica Synths Black 3109 VCF/VCA



The Erica Synths Black 3109 VCF/VCA is a lowpass filter and voltage-controlled amplifier combo built around the AS3109 VCF integrated circuit, a contemporary version of the IR3109 chip, found on vintage Roland synths such as the Jupiter series, Juno series and the SH-101.

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The 3109 VCF/VCA is our attempt to recreate the iconic sound of these synths, but we also aim to improve upon it. Filters based on IR3109 had several drawbacks, including a volume drop when the resonance is increased so we added a volume drop compensation as well as a built-in VCA for more versatility in compact setups. Additionally, 1V/oct tuning is implemented so you can use this module for perfect VCF keyboard tracking and also as a VCO.

Features

- 24dB/oct lowpass VCF
- Volume drop compensation
- Built-in VCA
- Cutofflevel attenuverter
- 1V/oct tracking

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