

## THANK YOU FOR PURCHASING THIS ERICA SYNTHS BLACK SERIES MODULE!

Erica Black Series include high-end, unique functionality and superior quality modules. Only the best, highest quality components are used, all inputs and outputs are protected against undesired overvoltage. When designing Black Series, we put design and usability superior. Big knobs are assigned to key functions of the module, which makes Black Series ideal for live performances. Enjoy!

**Our Erica Black Polivoks VCF** is one of the most authentic sounding emulations of the famous Russian synth, the Formanta Radio Factory Polivoks. The original Russian ICs K140UD12 are used in the sound circuit. We did several updates to adapt the VCF for contemporary modular synth demands. Independently buffered inputs, extended Cutoff knob, eliminated clicks, when switching filter modes, and output stage added to eliminate signal inversion. The result is a much punchier bass sound and very smooth controls.

### SPECS:

Input level.....up to 20Vptp  
 CV input level.....-10V - +10V  
 Filter modes.....BP(6dB/oct)/LP(12dB/oct)  
 Power consumption.....+11mA, -11mA  
 Module width.....10HP  
 Module depth.....25mm

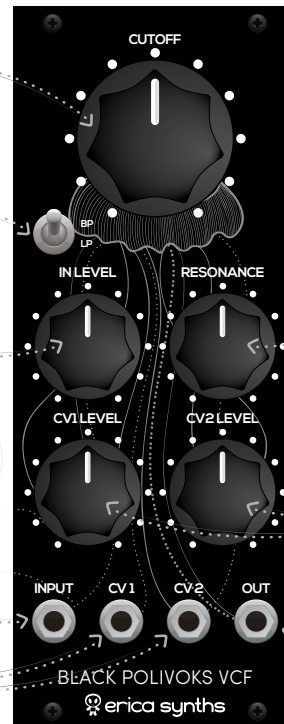
Big knob makes a difference!  
 This is the filter cutoff frequency control.

Switch between lowpass and bandpass filter modes.

Adjust input signal level here!

Input signal goes in this jack!

Apply one or two CV signals!  
 Inputs are independently buffered, so there is no interference between them.



Polivoks VCF is famous for its crazy resonance sweeps and self oscillation. Use this knob with caution!

Two knobs adjust CV signal levels.

And this is audio signal output!

## SAFETY INSTRUCTIONS

Please follow the instructions for use of this Erica Synths module below, 'cause only this will guarantee proper operation of the module and ensure warranty from Erica Synths.

Water is lethal for most of the electric devices, unless they are made waterproof. Erica Synths module is NOT intended for use in a humid or wet environment. No liquids or other conducting substances must get into the module. Should this happen, the module should be disconnected from mains power immediately, dried, examined and cleaned by a qualified technician.



Do not expose the module to temperatures above +50°C or below -20°C.



Transport the instrument with modules installed carefully, never let it drop or fall over. Warranty does not apply to modules with visual damages.



The module has to be shipped in the original packaging only. Any module shipped to us for return, exchange and/or warranty repair has to be in its original packaging. All other deliveries will be rejected and returned to you. Make sure you keep the original packaging and technical documentation.



You will find Erica Synths terms of warranty at <http://ericasynths.lv/en/terms/>

Items for return, exchange and/or warranty repair have to be sent to: Erica Synths, Andrejostas Str.12, Riga, Latvia, LV-1045

## DISPOSAL

This device complies to the EU guidelines and is manufactured RoHS conforming without use of led, mercury, cadmium and chrome. Nevertheless, this device is special waste and disposal in household waste is not recommended.

Designed and made in Latvia.  
User manual by Girts Ozolins@Erica Synths.  
Design by Baiba Stelle.  
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Specifications are subject to change without notice.  
In case of any questions feel free to contact us via e-mail [info@ericasynths.lv](mailto:info@ericasynths.lv)

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