

## THANK YOU FOR PURCHASING 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. Erica Black series consist of range of modules that are needed to put together entire synth. Enjoy!

**The Erica Black Multimode VCF** has simultaneous HP, BP and LP outputs, CV control over cutoff and resonance for serious modular patches. The core of the VCF is highly stable, custom multimode VCF chip AS3320 (produced in Riga, btw). Bonus feature – unique, adjustable germanium diode overdrive circuit on the VCF input.

### FEATURES:

Simultaneous HP, BP and LP outputs  
CV control over Cutoff and Resonance  
Self-oscillation  
Cutoff CV level attenuverter  
Adjustable germanium diode overdrive  
Skiff-friendly design.

### SPECS:

|                             |                         |
|-----------------------------|-------------------------|
| Audio output amplitude..... | 10 Vptp                 |
| CV input (full sweep).....  | 10Vptp                  |
| Panel width.....            | 10HP                    |
| Module depth.....           | 35mm                    |
| Power consumption.....      | 27mA@+12V,<br>29mA@-12V |

Adjust the cutoff frequency manually!

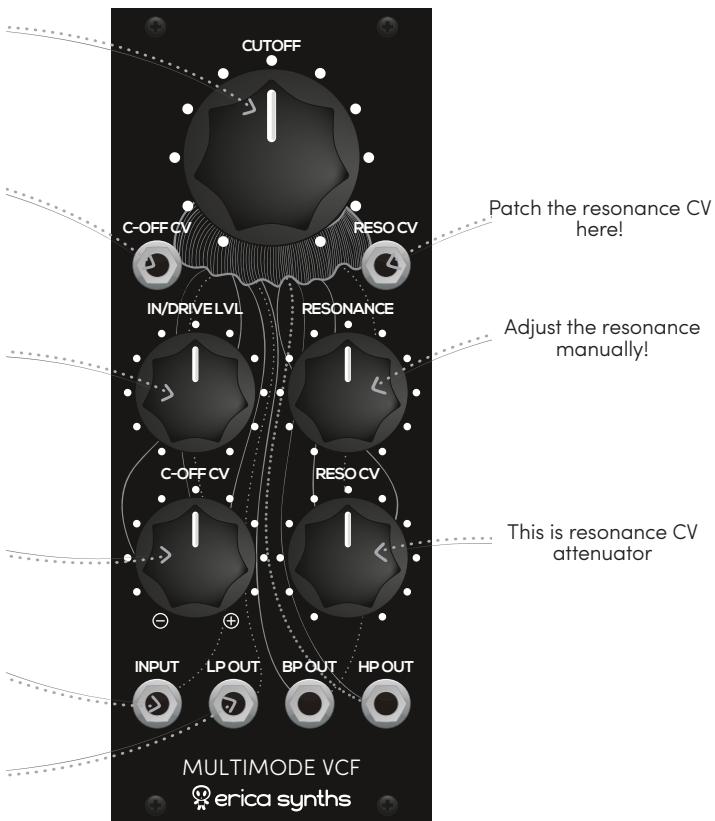
Patch the cutoff CV here!

Adjust audio input level with this knob! Until 12 o'clock it will increase the input level gradually till it reaches gain 1, over 12 o'clock it will start to apply germanium diode overdrive

This is cutoff CV attenuverter

Patch audio signal here

These are multimode VCF outputs – signals from them are available simultaneously



## 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 Edmunds Pavlovskis.

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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)

Check out other Erica Synths modules & devices at [www.ericasynths.lv](http://www.ericasynths.lv)