

**THANK YOU FOR PURCHASING THIS ERICA SYNTHS BLACK SERIES**

**MODULE!** These are high-end modules with unique functionality. Only the highest quality components are used and all inputs and outputs are protected against undesired overvoltage. When designing the Black Series, we did not economise on the module width, we put design and usability first. Big knobs are assigned to functions that make difference in sound. The Erica Black series are a range of modules that together make an entire synthesizer. Enjoy!

The Erica Black HADSR Envelope generator is feature-rich yet easily operated five stage envelope generator. Use it with Black CV Expander to add more versatility.

**SPECS:**

Output signal amplitude.....0 - +10V  
 Hold time..... 0 - 2"  
 Attack time.....0 - 2"  
 Decay time.....0 - 2"  
 Sustain level.....0 - +10V  
 Release time.....0 - 5"  
 Power consumption..... +25mA, -15mA  
 Module width.....10HP  
 Module depth.....25mm

Select EG operation mode.

OFF is for normal, gated envelopes, AD loop is industry standard, but Erica Synths Black EG has unique full ADSR envelope loop, where SUSTAIN time («gate on» time) is set by HOLD knob

Use this knob to set the HOLD time. Note that HOLD can be before ATTACK (similar to Gate delay) or after ATTACK to musically highlight attack stage

Select between HADSR and AHDSR envelope modes

Select linear or logarithmic envelope shape

Patch GATE signal here

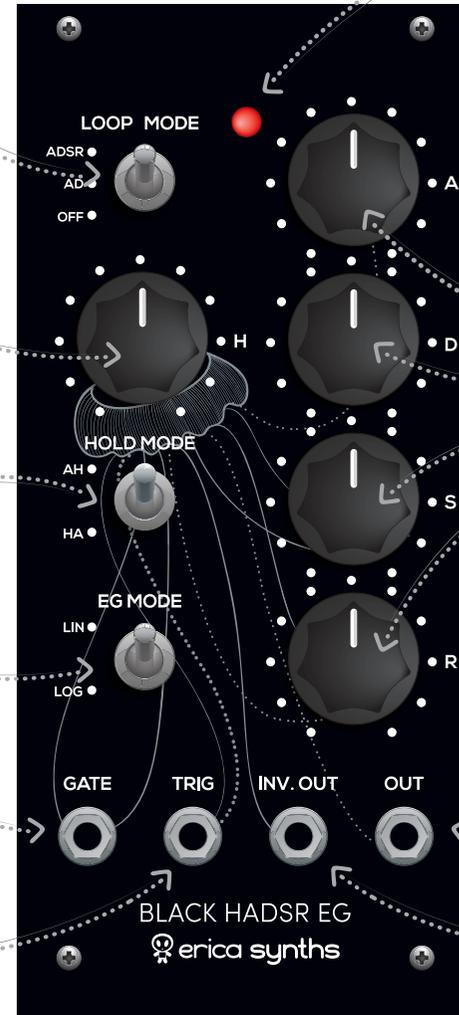
If you wish to retrigger the envelope at any stage, patch TRIGGER signal here. If no cable is patched in TRIGGER jack, envelope is shaped by GATE signal only

LED indicates envelope status

Knobs set ATTACK, DECAY, SUSTAIN and RELEASE levels. For more versatility use the Erica Black CV Expander to affect each stage level by control voltage. Before connecting CV Expander connector on Black Envelope generator module and make sure the red stripe on ribbon cable matches black dots next to the connectors both on CV Expander and Envelope generator

Get your 0 - +10V envelope here!

Inverted output follows direct output and provides inverted, 0 - -10V envelope. Use it to duck audio signals or control VCFs



## 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 [www.ericasynths.lv](http://www.ericasynths.lv).

Items for return, exchange and/or warranty repair have to be sent to: Erica Synths Andrejostas Str. 4a, room T8-C, Riga, Latvia, LV-1045

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 Ieva Andrupe.

Copying, distribution or any commercial use in any way is prohibited and needs the written permission by Erica Synths.

Specifications are subject to change without notice.

In case of any questions, feel free to contact us through [www.ericasynths.lv](http://www.ericasynths.lv) or via e-mail [info@ericasynths.lv](mailto:info@ericasynths.lv).

CHECK THE DEMOS OF OTHER ERICA SYNTHS MODULES ON [WWW.ERICASYNTHS.LV](http://WWW.ERICASYNTHS.LV)

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