

THANK YOU FOR CHOOSING 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!

Erica Black Dual Envelope/LFO generator is compact and advanced modulation source for your modular system. We managed to put two full ADSR envelope generators, you can adjust one by one or two simultaneous AD/ASR envelope generators and unique, not seen before functionality LFO in just 10HP! This saves a lot of rack space, you can use for sound generation modules!

FEATURES:

- 2xADSR envelope or 2xASR envelope
- 2xLFO
- Draw your own LFO shape!
- Gate and Trigger inputs
- Direct and Inverter outputs
- Long/Short EG switch
- LFO key follow function
- Each step activity indication LEDs

SPECS:

- EG output signal amplitude.....0 - +10V
- LFO output signal amplitude.....-5V - +5V
- LFO rate.....0,2Hz - 30Hz
- Max Attack time.....0,125"(S), 2"(L)
- Max Decay time.....0,125"(S), 1"(L)
- Sustain level.....0 - +10V
- Max Release time.....0,350"(S), 5"(L)
- Power consumption.....
-35mA@+12V,16mA@-12V
- Module width.....10HP
- Module depth.....25mm

This knob sets Attack time in ADSR and ASR mode and a rising edge of LFO waveshape.

This knob sets Sustain level in ADSR mode or Attack of the second EG in 2xAD mode and pulse width in LFO mode.

Select between the first and the second full ADSR EG or LFO.

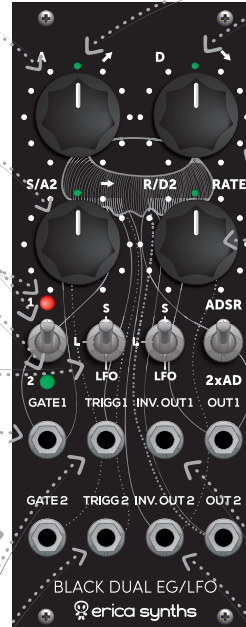
LEDs indicate the status of each output.

Select Short (S), Long (L) modes of EG or LFO mode.

Patch Gate1 signal here! In 2xAD mode the Gate will start ASR envelope. In LFO mode, LFO will be active only when the gate is present. If you want a free running LFO, remove a patch cable form Gate1 jack.

Patch Gate2 signal here! If nothing is connected in Gate2, it automatically copies Gate1, so you can start 2 envelopes simultaneously.

If you wish to retrigger the envelope in any stage, patch Trigger signal here! If no cable is patched in Trigger jack, envelope is shaped by Gate signal only.



Small LEDs indicate initial status of knobs when switching between the first and second ADSR EG or LFO. When you have adjusted the first and the second EG/LFO settings and then switch back to the first one, LED will flash for 0,5" when you have turned the relevant knob to the initial position of EG one, and only then motion of the knob will take the effect on the EG/LFO setting. When switching between EG/LFO1 and EG/LFO2 you will see some LEDs permanently on. These indicate parameters that haven't been changed.

When LFO is in action, LEDs indicate the status of each LFO step.

This knob sets Decay time in ADSR or Decay/Release in ASR mode and a falling edge of LFO waveshape.

This knob sets Release time in ADSR mode or Decay/Release of the second EG in 2xAD mode and LFO rate.

Switch between two full ADSR envelopes or LFOs and two AD (when triggered) or ASR (when Gated) envelopes available simultaneously. If you select LFO mode in 2xAD setting you'll have two looping 0 to -10V looping envelopes.

Get your 0 - +10V envelope or -5V - +5V LFO output here!

Inverted outputs follow direct output and provide inverted, 0 - -10V envelope or inverted LFO waveshape.

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.

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

DISPOSAL

This device complies to the EU guidelines and is manufactured RoHS conforming without use of lead, 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 via e-mail info@ericasynths.lv

Check out other Erica Synths modules & devices at <http://www.ericasynths.lv>