

BLACK VC DADSR ENVELOPE GENERATOR

THANK YOU FOR PURCHASING THIS ERICA SYNTHS BLACK SERIES MODULE!

The Erica Black Series includes high-end modules with unique functionality and superior build quality. Only the best, highest quality components are used, all inputs and outputs are protected against undesired overvoltage. When designing the Black Series, we placed an emphasis on usability with the goal of providing an enjoyable user experience. Big knobs are assigned to functions that make differences in sound. The Erica Black Series consists of a range of modules that are needed to put together an entire synth. Enjoy!

The Erica Synths Black DADSR (Delay-Attack-Decay-Sustain-Release) is a fully analogue envelope generator that gives you extended control over events in your modular synth. It's a looping exponential envelope generator that has voltage control over each stage of the envelope. An independent Gate Delay section adds extra functionality to design advanced soundscapes, like delayed modulation effects, wave morphing, etc.

FEATURES:

- Re-triggerable exponential DADSR envelope generator
- CV control over each stage
- Gate delay with manually controlled delay time
- CV attenuators
- Looping function
- Manual gate button

SPECS:

Attack time (with max CV)	0...2,5" (4,4")
Decay time (with max CV)	0...5" (12")
Sustain level	0...10V
Release time (with max CV)	0...4,5" (10")
Gate delay time	0,7"
CV level (full sweep)	-5V - +5V
Panel width	10HP
Module depth	30mm
Power consumption	42mA@+12V, 58mA@-12V

SAFETY INSTRUCTIONS

Please follow the instructions for use of the 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. This 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. If you have transported module in extreme low temperatures, leave it in room temperature for an hour before plugging it in.



Transport the instrument 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.



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.

ATTACK
Set the attack time of the envelope

SUSTAIN
Set the sustain level of the envelope

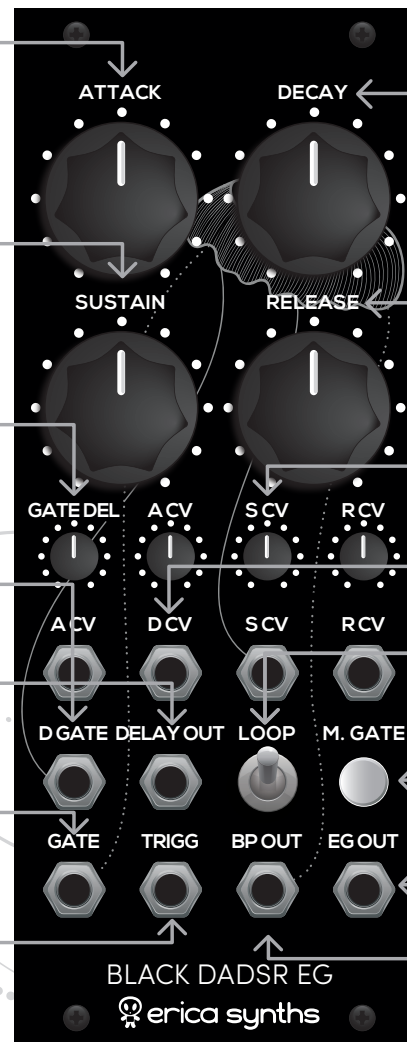
GATE DEL
Set the gate delay time

D GATE
If you wish to use gate delay functionality, patch the gate signal here

DELAY OUT
This is the gate delay output. The gate delay section can be used independently to control other modules in your modular setup

GATE
Patch the gate signal here to start the envelope. If nothing is patched here, the gate input is normalised to the gate DELAY OUT

TRIGG
You can retrigger the envelope at any stage by applying trigger signal here. The trigger alone initiates an AD envelope instead of ADSR



DECAY
Set the decay time of the envelope

RELEASE
Set the release time of the envelope

CV ATTENUATORS
These are CV attenuators for attack, sustain and release stages

CV INPUTS
These are CV inputs to alter time/level for each stage of the envelope

LOOP
This is a LOOP switch. When it's ON, the envelope generator outputs a signal for which the rise time is defined by the Attack setting and the fall time is defined by the Release knob setting

M. GATE
This is the manual gate button. A built in LED gives a visual reference of the output voltage

EG OUT
This is the envelope generator output

BP OUT
This is the bipolar output – the CV here is centered against 0V and this output serves as an LFO

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You will find Erica Synths terms of warranty at www.ericasynths.lv
Items for return, exchange and/or warranty repair have to be registered at SUPPORT on www.ericasynths.lv and send back to us according to instructions in the support page.