

## 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. 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!

**Erica Synths Joystick Controller** is a manual command centre of your modular setup. It generates several sets of CVs and alters incoming CV signal.

### FEATURES:

- Four unipolar 0-10V CV outputs
- Two bipolar -5V - +5V CV outputs
- Two inverted -5V - +5V CV outputs
- Two CV inputs
- "Dead zone" in the joystick centre setting for 0V CV output
- Skiff friendly design

### TECHNICAL SPECIFICATIONS:

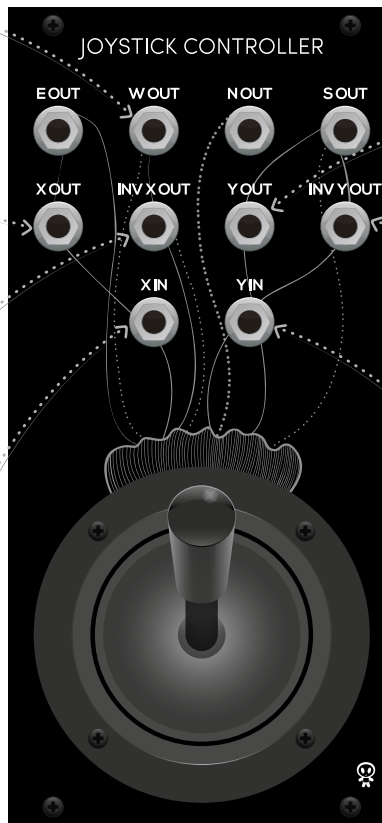
E, W, N, S CV level .....0...10V  
 X-Y CV level.....-5V...+5V  
 CV IN level .....-10V - +10V  
 Panel width.....12HP  
 Module depth .....30mm  
 Power consumption .....25mA@+12V, 25mA@-12V

These are unipolar 0 to +10V CV outputs. The centre setting of the joystick gives 0V (there's few degrees of "dead zone" around centre to ensure that you can return to 0V easily), and moving joystick any direction (N=North, etc.) increases output voltage gradually to +10V

This is bipolar -5V to +5V CV output which reacts on motion over X axis

This is inverted X CV output

This X CV Input. This means any CV applied here will be added to X setting of the joystick. Or in other words - X motion will bias incoming CV to positive or negative side. -5V or +5V is maximums bias incoming CV will clip against -5V or +5V



This is bipolar -5V to +5V CV output which reacts on motion over Y axis

This is inverted Y CV output

This is Y CV Input

## 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://ericasynts.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@ericasynts.lv](mailto:info@ericasynts.lv)

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