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. 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 Black MIDI-CV

is compact, highly accurate and easy to use duophonic MIDI interface. It emulates classical monophonic and duophonic synth behaviour, as well as can be configured for use in two independent MIDI channels. Bonus features – MIDI clock output and analogue glide circuit on both channels.

FEATURES:

Two CV and Gate outputs
MIDI clock output (4ppq – sequencer friendly)
Configurable MOD output – modulation wheel or velocity
Analogue glide on both MIDI channels
One or two MIDI channel configuration
One or two voice switch

SPECS:

CV range 0–8V
Max CV deviation 0.001V; 1cent
Gate and Clock level 5V
Glide time ....0 – 2"
Power consumption ....+40mA, -9mA
Module width 6HP
Module depth 30mm

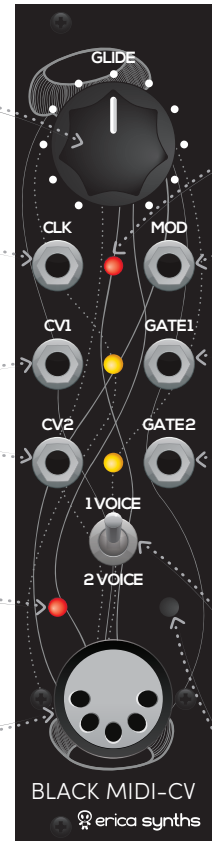|	
Setting MIDI channel	Connect MIDI keyboard to the module! Push PROGRAMM button for "4". MIDI LED will start to blink slowly. Select midi channel by pushing a key on the keyboard. C of any octave corresponds to MIDI channel 1, C# – channel 2, D – channel 3, etc. Channels 1-12 can be assigned to send midi messages to the module. For two MIDI channel configuration push and hold two keys simultaneously. CV1/Gate1 will be assigned to the lowest midi channel, CV2/Gate2 – to highest. Push the PROGRAMM button to advance to MOD output configuration.
MOD output configuration	In MOD output configuration mode MIDI LED starts to blink faster. If you wish to assign a modulation wheel to MOD output, simply rotate it on the midi controller. If you wish to assign key velocity to the MOD output, push any key on the keyboard. Push PROGRAMM button to confirm, and the module will exit configuration mode.
1V/OCT calibration (optional)	Black MIDI-CV modules come precisely calibrated, but you may wish to adjust calibration to your modular system specifics. To do so, connect midi keyboard to the module, set VOICE switch to 1 Voice mode and connect CV1 output to a calibrated VCO 1V/oct input and a chromatic tuner to the output of the VCO. Disconnect MIDI-CV module from the PSU. Then push and hold PROGRAMM button and connect the module to PSU busboard! MIDI LED will start to blink, which means the module is in calibration mode. Play C3 on the keyboard, and tune the VCO so that tuner reads C3! Play C4 on the keyboard and check the reading on the tuner. If it reads something higher than C4, play B3 on the keyboard repeatedly until the tuner reads C4. If it reads something lower than C4, play C#4 repeatedly until the tuner reads C4. Play C5 on the keyboard and check the tuner. If it reads something higher than C5, play repeatedly B4 until the tuner reads C5, etc. Continue until you have perfect tuning along all octaves. Push the PROGRAMM button to start calibration of the second CV output. The procedure is exactly same. Once calibration is completed, push PROGRAMM Button to exit calibration mode.

Use this knob to set the glide time on the output CV! It affects both channels simultaneously

This is clock rate LED

This is 4ppq Clock output – ready to control your sequencers. In two MIDI channel mode make sure, only one MIDI device has MIDI clock activated

This is Modulation CV output. You can configure it for modulation wheel CV output or key velocity. Refer to the table below!

These are CV outputs. In one voice mode CV2 duplicates CV1, in two voice mode CV2 is highest note priority; CV1 – lowest note priority

This is Gate output of the first channel

This is Gate output of the second channel. Classic mono- duophonic synths had just only one gate, therefore in single MIDI channel mode it duplicates Gate1, but in two MIDI channel mode, it works independently

This in MIDI activity and configuration indictor LED

In one MIDI channel mode you can select between one voice mode (highest note priority) or two voice mode (lowest and highest note priority)

This is MIDI input

Push PROGRAMM button promptly to send MIDI panic message. Push and hold the button and you will enter configuration mode. Please, refer to the table below on configuration settings

GLIDE
CLK
MOD
CV1
GATE1
CV2
GATE2
1 VOICE
2 VOICE
BLACK MIDI-CV
erica synths

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 Baiba Stelle.
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 **www.ericasynths.lv**