

BLACK QUAD VCA2

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 Quad VCA2 is a versatile four channel voltage controlled amplifier and mixer module for use in complex modular systems. Each channel has linear/logarithmic response selector and signal level indicator LED. All outputs are sequentially mixed and CV inputs are normalled to each other, so you can use the module in various configurations. If no CV is applied, the Black Quad VCA2 performs as a signal mixer, and the 4th channel is DC coupled for controlling CV sources, as well.

FEATURES:

- 4 independent VCAs
- Selectable lin/log response for each channel
- Manual CV bias and signal level adjustment
- Sequential output mixing
- Signal level indicator LEDs

SPECS:

CV level	-10V - +10V
Attenuation level:	
CV = 0V (max attenuation)	-80dB
CV = +10V	+3dB
Response	lin/log
Power consumption	64mA @ +12, 62mA @ -12V
Module width	10HP
Module depth	35mm

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.



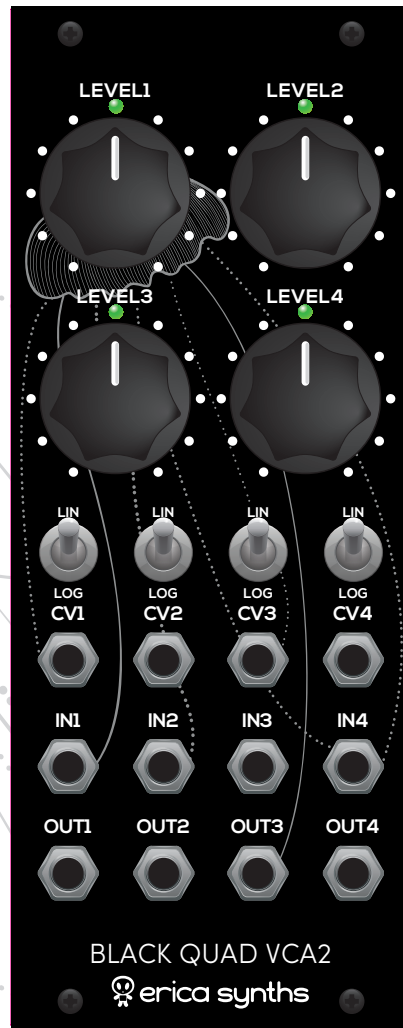
Transport the instrument carefully, never let it drop or fall over. Warranty does not apply to modules with visual damages.



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.



LEDs

Give visual feedback on the audio signal level on each channel

LEVEL 1, 2, 3, 4

Select input level! Upper setting passes the audio at gain 1, middle setting – gain 0,5, bottom setting turns audio input off.

LIN / LOG

Select between linear or logarithmic response. Please note, that in LOG mode also the level potentiometer will have different response, therefore, when selecting between modes, you may need to readjust potentiometer settings

CV1, 2, 3, 4

Apply CV signals from EG, LFO or any modulator here! CV inputs are normalled in series, meaning, if CV is applied to CV1 only, it will be copied to other inputs. If you want to use some inputs without any CV, insert the patchcable in the CV to terminate the internal normalling

IN1, 2, 3, 4

Patch your audio signals here.

OUT1, 2, 3, 4

These are VCA outputs. Interesting thing is that outputs are automatically mixed to the next output to the right, if nothing is plugged in the relevant output. Meaning, if you wish to have all outputs mixed together, you patch the cable in OUT4 only. If you plug a patch cables in OUT2 and OUT4, you get independent sums of VCA1+VCA2 and VCA3+VCA4. If you have patch cables in all 4 outputs, you have 4 independent VCAs.

User manual by Girts Ozolins@Erica Synths.

Design by Ineta Briede@Black8.

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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.