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.

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.

User manual by Girts Ozolins@Erica Synths.
Design by Ineta Briede@Black8.

THANK YOU FOR PURCHASING THE ERICA SYNTHS DJ VCF STEREO MODULE!

The Erica Drum Series includes high-end, unique functionality and superior quality modules which allow for designing an extensive, feature rich modular system for sound design and live performances in genres such as techno, industrial and DnB. Enjoy!

As its name suggests, the Erica Synths DJ VCF STEREO module provides sound treatment functionality typically found on DJ decks – it is fully open when the cutoff knob is at 12:00. When turned counter-clockwise, lowpass filtering is applied and when turned clockwise, highpass filtering is initiated. Additionally, there is an nice-sounding, adjustable resonance parameter. This provides hands-on control over the sound during performances as well as unconventional timbre modulations that are hard to achieve with conventional state variable filters. The DJ VCF STEREO features a fully-analogue design and consists of two pairs of VCFs – highpass and lowpass in series and the filter management is done via complex CV routing.

FEATURES

Fully analogue stereo DJ style VCF
Manual cutoff and resonance control
Two cutoff CV inputs, one with an attenuverter

SPECS

Audio level	10Vptp
CV level	-10V - +10V
Filter slope	24dB/oct
Power consumption	+109mA, -101mA
Module width	8HP
Module depth	35mm

DJ VCF STEREO

CUTOFF

This is the main control of the module – manual cutoff frequency adjustment with a twist – it is fully open when the cutoff knob is at 12:00, when turned counter-clockwise, lowpass filtering is applied and when turned clockwise, highpass filtering is applied

RESONANCE

Adjust the resonance level manually. On settings over 13:00, the filter will start to self-oscillate. The resonance is sensitive to the incoming audio signal– a signal of greater amplitude may reduce the impact of resonance on the resulting sound

CV LVL

This is cutoff CV1 attenuverter. Adjust the CV level to your taste! Notice that the cutoff CV works differently compared to conventional state variable filters – it sweeps the filter from closed lowpass through fully open to closed highpass

IN L / IN R

Patch your audio signals here. They are independent inputs and can be processed seperately

CV 1 IN

This is the cutoff CV1 input. It affects both channels simultaneously. The CV1 level is adjustable via the CV1 LEVEL attenuverter knob

CV 2 IN

This is cutoff CV2 input, it comes without an attenuator

OUT L / OUT R

These are the audio outputs of the module