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.

THANK YOU FOR PURCHASING THE ERICA SYNTHS STEREO FX 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!

The STEREO FX module brings hi-fi stereo effects into the Erica Synths Drum Series. Based on our new DSP engine, the module provides a wide range of custom delay and reverb effects. CV control over various parameters and the ability to save up to 10 presets will make this module an integral part of any performance rack.
The FX are developed in collaboration with Dutch company www.112db.com, who offer some of the best sounding VST instruments.

FEATURES

Hi-Fi stereo FX module
3 delay and 3 reverb effects
Tap and clock synchronization of delay time
Delay time divisions and multiplications in sync mode
10 preset patches
CV control over delay time, feedback and preset selection

SPECS

Audio input level	-5V – +5V
Delay time	3ms – 3s
CV level (full span)	-5 – +5V
Power consumption	+123mA, -40mA
Module width	10HP
Module depth	35mm

LEDs

Normally, the 10 LEDs indicate delay tap behavior for the left and right channels, but they also represent 10 preset slots

TIME

This knob controls the delay TIME or reverb SIZE. The TIME CV is added to the position of the knob. When a SYNC signal is applied, the TIME knob becomes a clock divider/multiplier – at 12:00 it follows the incoming clock, when turned clockwise, it multiplies the clock by 2, 3, 4, 5, 8, when turned counterclockwise, it divides clock by 2, 3, 4, 5, 8

FEEDBACK

Adjust the feedback amount! In full CW setting, the module will go into self oscillation. The Feedback CV is added to the position of the knob.

DELAY / REVERB SWITCH

Select between DELAY and REVERB FX

PATCH

This is the PATCH management and TAP TEMPO encoder

1. When in DELAY mode, you can tap in the delay time for manual sync to the BPM. In REVERB mode, tapping the encoder has no effect.

2. In order to SAVE a preset (positions of all knobs and switches), rotate the encoder to select one of 10 preset slots indicated by the LEDs on the top of the panel and then long press the encoder. Blinking LEDs will indicate that a preset is saved.

3. In order to RECALL a preset, rotate the encoder to select one of 10 preset slots indicated by the LEDs on the top of the panel and then short press the encoder. The preset will be instantly loaded.

DELAY / REVERB MODE SWITCH

Select one of 3 delay and reverb MODES. Please refer to the table of modes below.

TIME CV

This is TIME and SIZE CV attenuator

DRY / WET

Adjust the Dry/Wet setting manually

IN L / IN R

There are L and R audio inputs, the L input is normaled to the R input

TIME / SIZE CV IN

This is the TIME/SIZE CV input, it is affected by the relevant attenuator

FEEDBACK CV IN

This is the FEEDBACK CV input, it has no attenuator

SYNC IN

A clock applied to the SYNC input will synchronize the delay time to the incoming clock signal. It has no effect in reverb mode

PATCH CV IN

This is the patch CV input – with a CV applied here, the module will switch among the 10 preset patches

OUT L / OUT R

These are the L and R outputs of the module

MODES	DELAY	REVERB
1	TAPE Ping-Pong	TAPE Small
2	BBD STEREO	TAPE Big
3	DIGITAL Stereo	Big &Dirty BBD