



Shakmat Lancer's Lash

● 8HP Eurorack Module

● Built & designed in E.U.

● www.shakmat.com



Introduction

The Lancer's Lash is a dedicated snare drum synthesizer built to cover everything from tight classic hits to completely off-the-map percussion. Compact and focused, it explores several approaches to snare synthesis, giving you a wide palette of strikes, from clean and punchy to fractured and experimental.

Multiple models sit at the core of the module, ranging from analog-style synthesis to physical modeling, granular textures, and FM percussion. Each engine brings its own character, letting you dial anything from familiar drum machine snaps to strange metallic bursts and evolving hybrid snares.

To keep patterns alive, Lancer's Lash includes an onboard randomizer for subtle variations or more adventurous rhythmic outcomes. Velocity sensitivity adds expressive dynamics, while 256 preset slots keep your favorite strikes ready to fire again via CV or Select Bus.



This quick start guide only describes the basic features and functionalities of the Lancer's Lash. For the complete user manual, please check our website at www.shakmat.com/support

Trig button

This button allows manual triggering and shows the activity of the audio output.

Main parameters

These four potentiometers control the main parameters of the snare engines: **DECAY**, **TIMBRE**, **COLOR** & **PITCH**.

Menu screen and navigation

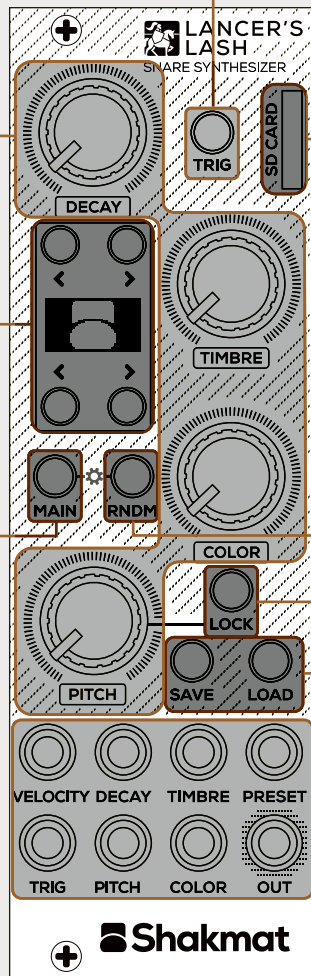
The menu screen is divided into two parts: the page title on top and the current setting on the bottom.

To browse through the pages, use the left and right buttons above the screen.

To edit the setting, use the left and right buttons under the screen.

Main button

This menu button provides access to the synthesis model and several parameters, including output level, FX and velocity amounts.



Micro SD Card reader

The micro SD Card slot is used for firmware updates and preset management. The Lancer's Lash does not rely on the SD Card for functioning.

Randomizer

This button opens the Randomizer menu and lets you assign randomization to any parameter of the module, each with an independent depth. You can clear all depths by holding the Randomizer button for two seconds.

Lock button

This button locks the pitch and makes the potentiometer work as an octave switcher.

Memory

With the help of the menu screen and navigation, the **SAVE** and **LOAD** buttons allow you to recall and save up to 256 internal presets organised in 16 banks of 16 presets.

Inputs & output

DECAY, **TIMBRE**, **COLOR** and **PITCH** parameters each have their dedicated CV input. **TRIG** input triggers the snare sound, **VELOCITY** acts on the sound volume while the **PRESET** input addresses the 16 presets of the active bank. **OUT** is the audio output.

Models

The Lancer's Lash offers several models which can be selected in the main menu. Each model uses its own synthesis engine such as virtual analog, FM, physical modeling or granular synthesis.

FX, level & velocity

Those three parameters are also edited in the main menu. Each model has its own FX which is an insert process usually adding different types of distortion and dynamic shaping. The FX Amount can be set from 0 to 5.

Level sets the output amplitude, from Mute to +6 dB. 0 dB provides a 10V peak-to-peak signal.

The velocity input is sampled at each trigger: 0V gives the minimum level set on the Velocity page, while 5V gives full level. Note the velocity input is normalised to 5V.

And more...

Select Bus: The modules support the Select Bus protocol, which enables digital communication through the ribbon power cable. Lancer's Lash operates as a receiver, allowing presets to be loaded and saved from a Select Bus transmitter module such as the Harlequin's Context.

Global Options menu: The Lancer's Lash includes a Global Options menu where you can adjust settings such as potentiometer recall mode, screen saver time,...

SD Card: Refer to the user manual for detailed information about the SD Card file structure and procedures for firmware updates and preset management.

Specifications

Size

8 HP

Trigger input

0 to 5V

CV inputs

-5 to +5V

Depth

29 mm

Velocity input

0 to 5V

Pitch input

-3 to +7V

Current Draw

60 mA @ +12V

5 mA @ -12V

Audio output

16-bit / 48 kHz