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CREDITS



Serum 2

Serum 2 plug-in for Microsoft Windows and Apple macOS A synthesizer instrument plug-in for VST3, Audio Unit, and AAX hosts

Version 2.0 Manual Version: 1.0.0 March 17, 2025

Serum 2 Development Team

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VST Plugin technology by Steinberg

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The following producers, artists, and sound designers contributed to Serum.

Serum 2 Factory Multisamples

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Serum 2 Factory Wavetables and Samples

Splice Steve Duda

Virtual Riot Edward "shreddward" Braillif

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Drumsound & Bassline Smith

Serum 2 Factory Presets

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Databroth Skope Electric Himalaya Splice

ERB N DUB Steve Duda
Genji Siriasi SynthHacker
Gigantor Tunecraft

J. Scott G. / Libra Rising Van Derand







Use to blend and balance sound sources and busses

OCT 0

SERUM 2

MACROS

OSC A

Expanded FX

Choose from 13 effects and 3 splitter modules across multiple busses

FX

▼ F1

WAVETABLE

Default Shapes

Ф 180° Ф RAND 100

ENV 1

ENV 2

MATRIX

OSC B

ENV 3

Q

GLOBAL

Alu Slap

ENV 4

SAMPLE.

Improved Matrix

▼ M

osc c

GRANULAR

▼ 🖒 UNISON 1 💠

LF0 4

Short Plucked Elec Bass

LF03

Advanced mod management

▼ LS 57 LE 62

ENVELOPE

Three Primary Oscillators

Choose from Wavetable, Sample, Multisample, Granular, and Spectral modes

▼ M ○ NOISE

STEREO 0

○ LF0 6

LF05

FILTER 1 M

MG Ladder

VOICING

SCALED

CURVE

FILTER 2 M

Enhanced Presets Browser

New factory content accessible in a feature-rich browser



Filters

Dual modules, new virtual analog filters, with series or parallel routing

options

Macros

Envelopes

Four envelopes with BPM and invert legato

Eight macros, with each as a potential destination

Clip

Flexible clip sequencer

Arpeggiator

Sophisticated arpeggiator module

Enhanced Keyboard

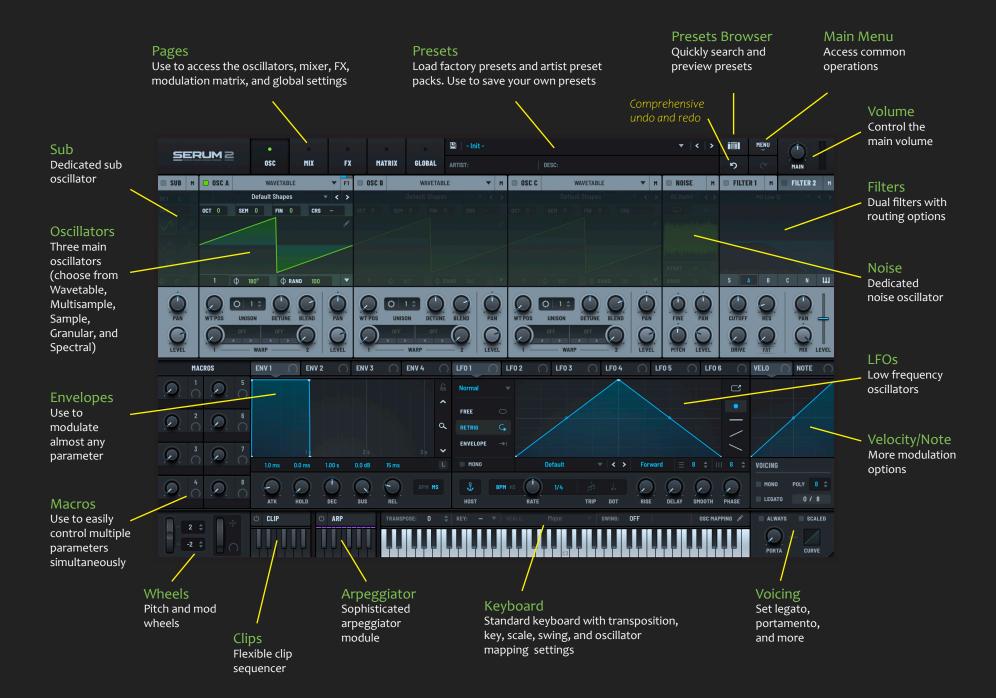
Standard keyboard with transposition, key, scale, swing, and oscillator mapping settings

LFOs

Up to 10 LFOs with enhanced drawing tools and editor, independent grid, presets, and more



ENHANCED USER INTERFACE



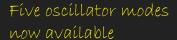


EXPANDED OSCILLATORS











Wavetable

As with the original Serum, wavetable oscillators remain at the heart of sound generation in Serum 2











Multisample

Multisample instruments use an array of samples—recordings of an actual instrument—played across a range of pitches, intensities, and articulations



Sample

A versatile and intuitive sampler, designed for creatively manipulating and playing back audio samples



Granular

An easy-to-use granular synthesis mode that manipulates audio samples by breaking them down into tiny segments called grains, and then recombining them in various ways to create new textures and sounds

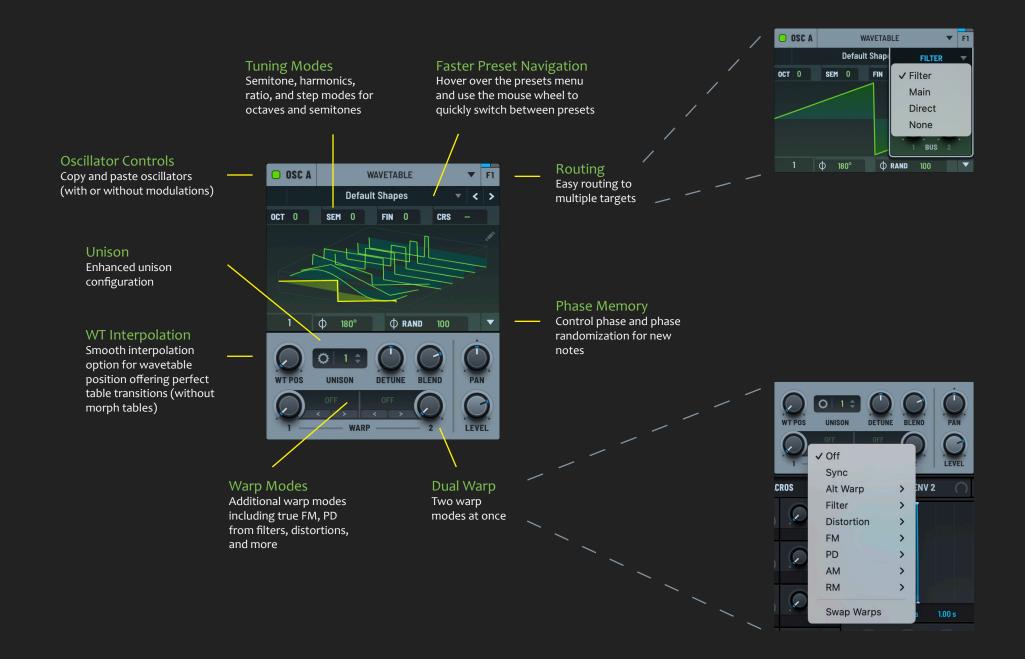


Spectral

A spectral synthesis mode that manipulates sound by analyzing and resynthesizing the frequency spectrum, creating new sounds with independent control over time and pitch

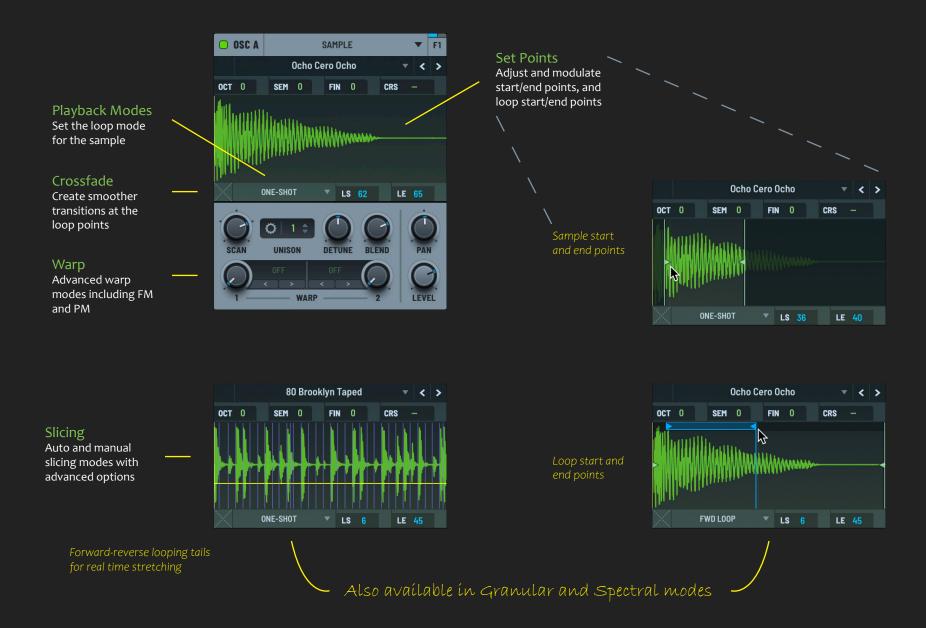








SAMPLE MODE HIGHLIGHTS





More New Oscillator Highlights

Multisample

Instruments with support for loading SFZ files

Envelope

Customize the envelope

Timbre Shifting

Adjust and modulate the timbre

Warp

Access advanced warping options



Spectral

Manipulates the frequency spectrum of a sound

Scan Rate

Set the speed and direction of the sample playback

Warp

Access Serum's warping options



Granular

Play audio samples with up to 256 grains

Window Amount

Control grain amplitude window

Warp

Access all warping capabilities

Parameters

Complete granular control



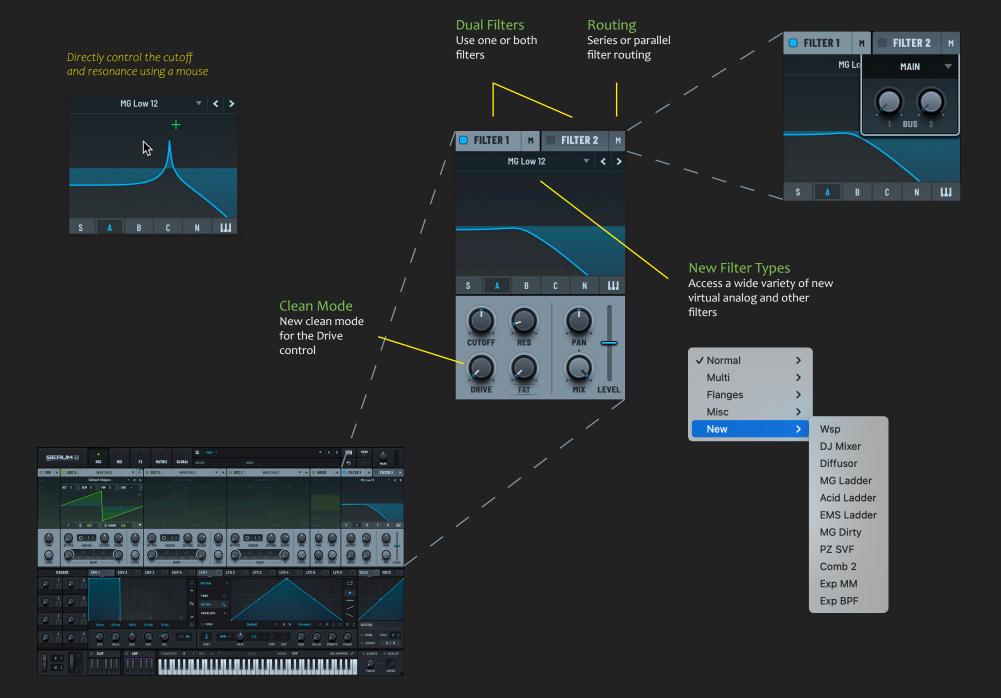
Hi/Low Freqs

Set the sample high and low frequencies

Access many Sample mode features including start/end points, looping, and slicing



DUAL EXPANDED FILTERS





IMPROVED SERUM FX









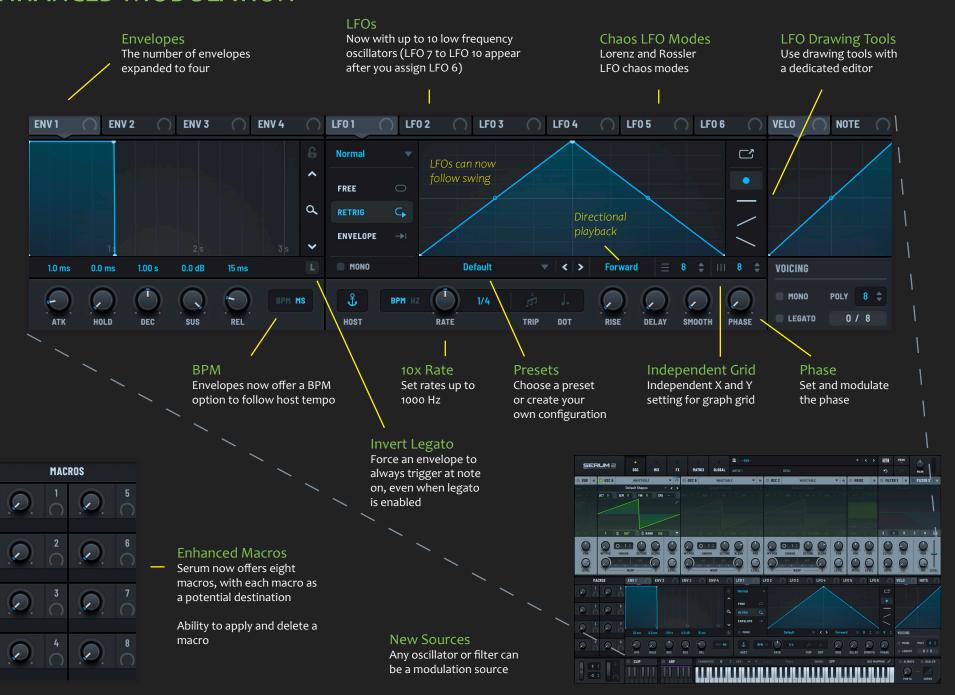


NEW SIGNAL SPLITTER MODULES



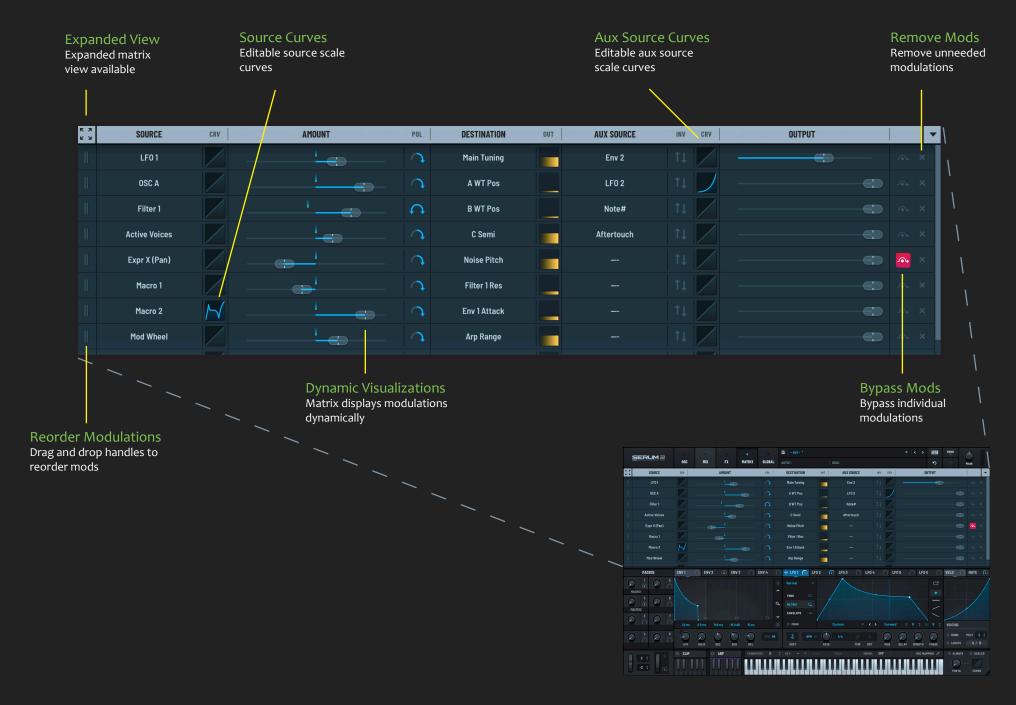


ENHANCED MODULATION



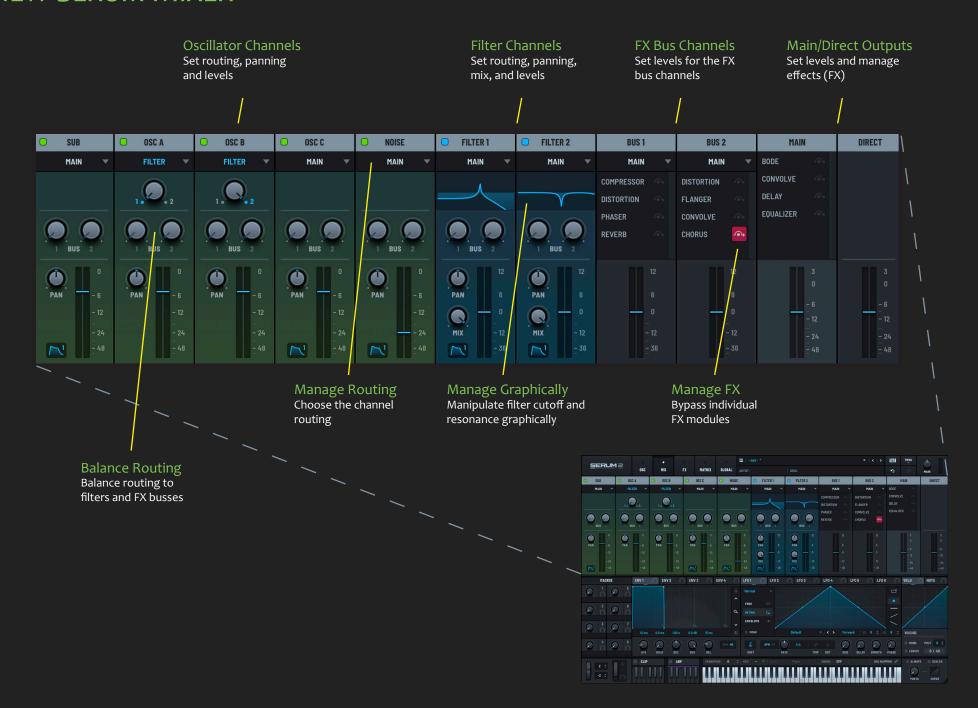


ENHANCED MODULATION MATRIX



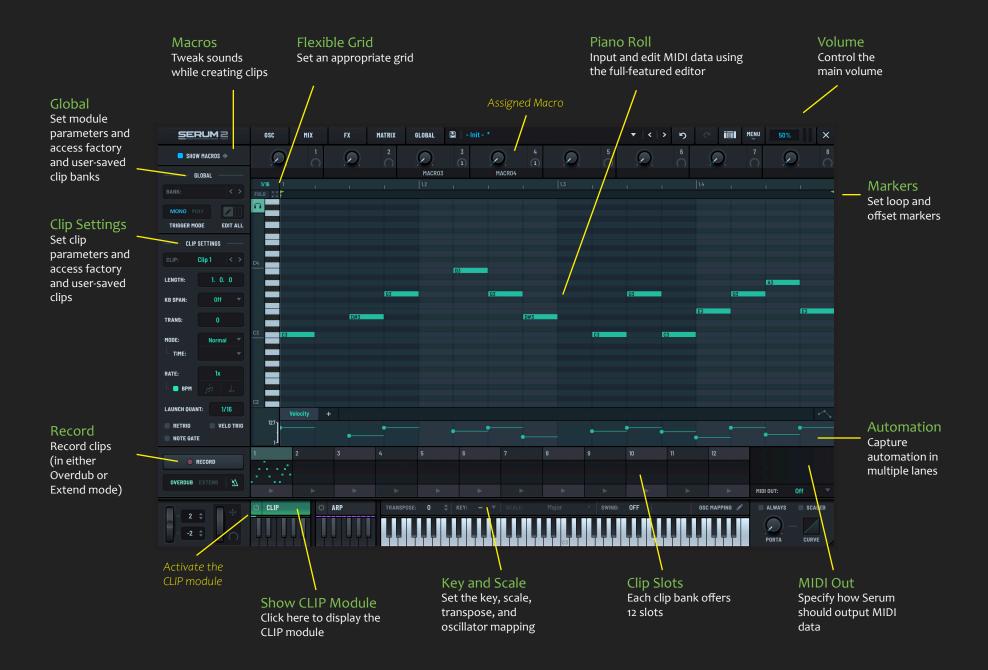


NEW SERUM MIXER



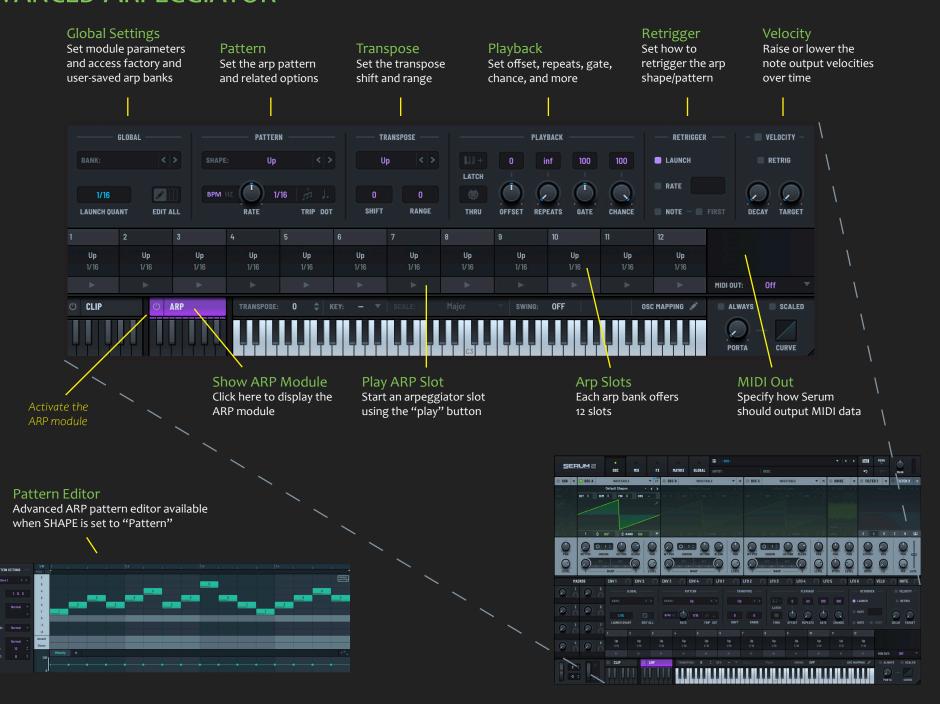


NEW CLIP SEQUENCER



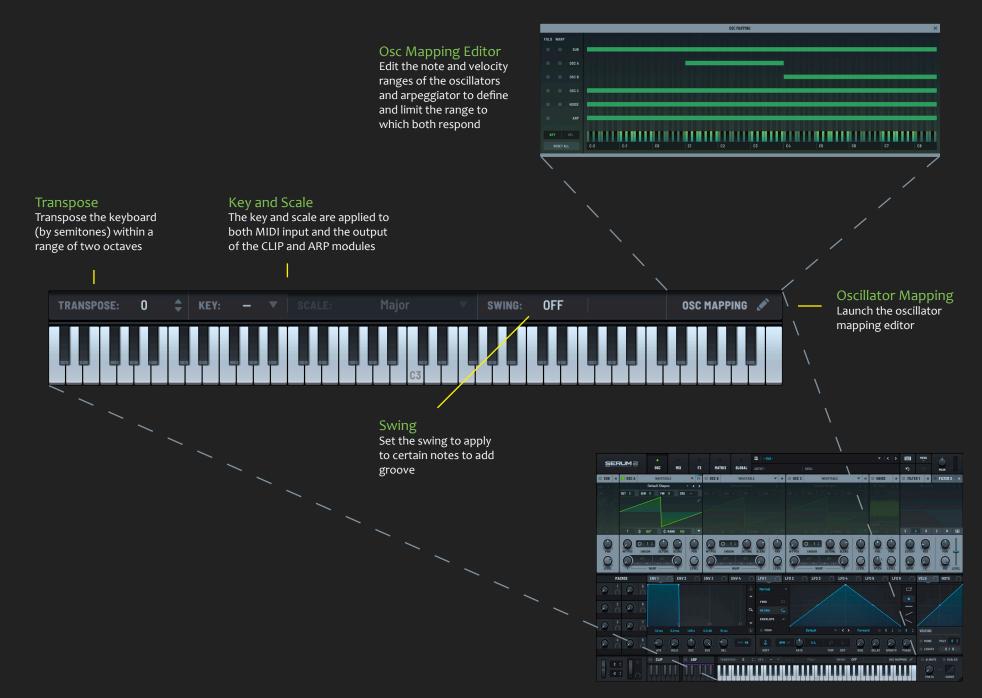


ADVANCED ARPEGGIATOR











IMPROVED PRESETS BROWSER

