



ETERNAL

barber-pole flanger

AU + VST plugin for Mac

INTRODUCTION

Eternal is a barber-pole flanger. Unlike a traditional flanger which has its tone repeatedly go up and down, a barber-pole flanger goes upwards or downwards in a seemingly endless fashion. To accomplish this unique effect, **Eternal** employs a thoroughly calibrated low-frequency oscillator with six output signals which modulate and crossfade three flangers – and they do this in a very special way. Since these oscillators have a “through-zero phase” design, **Eternal** can go from downwards to upwards motion and back completely seamlessly. With two distinct timbres available thanks to positive or negative feedback, this plugin produces a wide variety of delicious spectrum sweeps – plus unusual chorus, pitch shift, and stereo widening effects.

SOUND ENGINE

- Triple-layer flanger engine with positive or negative feedback
- Multi-output, through-zero modulation generator with variable stereo phase offset
- Low-cut filter to ensure stable operation even at the most extreme settings
- Lag filters on all continuous parameters for smooth, click-free adjustment
- Supports mono > mono, mono > stereo, and stereo > stereo channel configurations

GRAPHIC INTERFACE

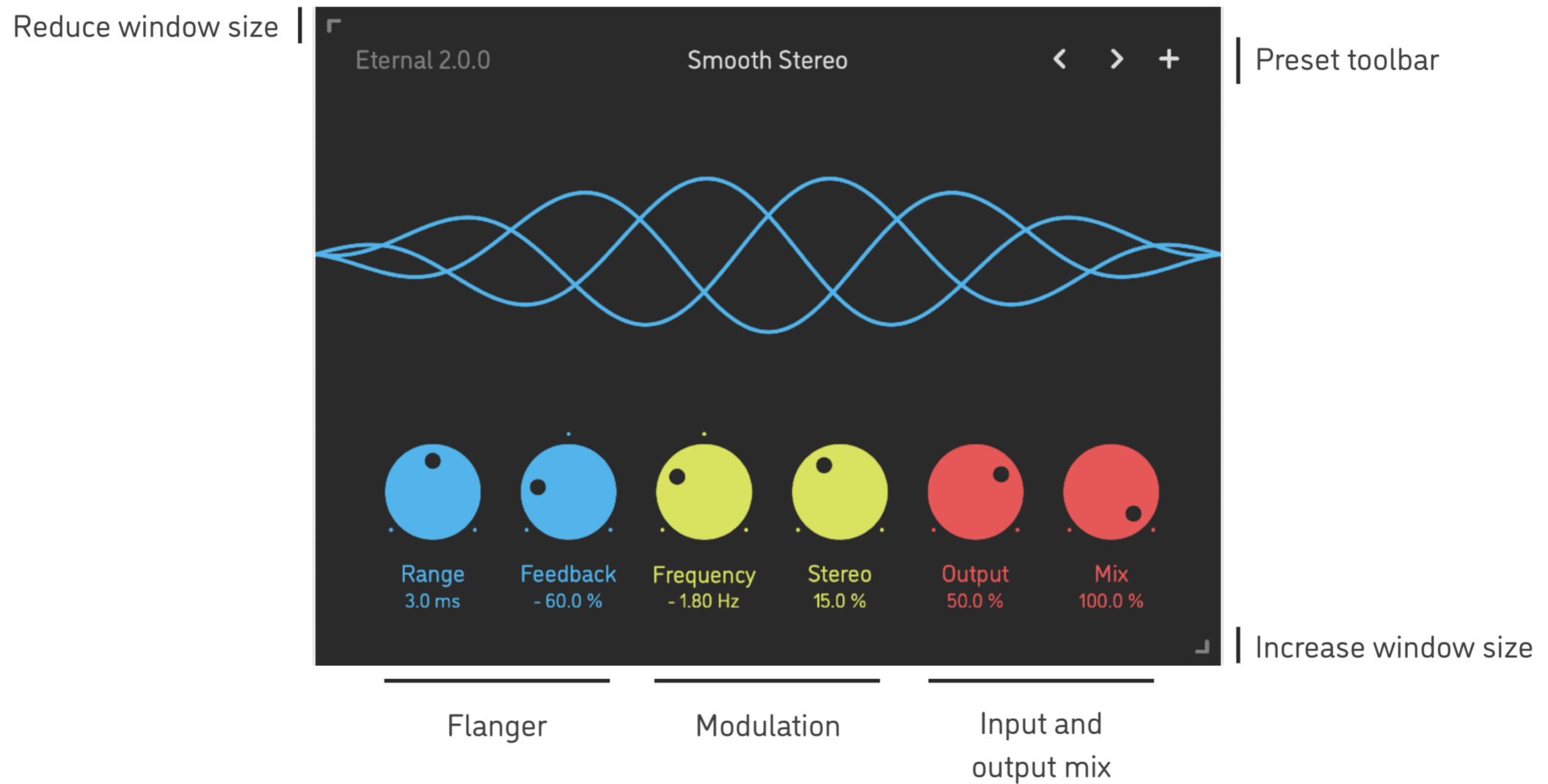
- Color-coded graphic elements
- Consistent name, mapping, value, and unit implemented for all parameters in both graphic user interface and host control/automation
- Built-in preset management functions
- Supports window size scaling up to 200%

SYSTEM REQUIREMENTS

- Mac computer running macOS 10.9 or later, with either Intel or Apple processor
- Host application with support for AU or VST3 effect plugins in 64-bit format

INTERFACE

Eternal features a fully vector-based interface, with color-coded elements for effective visual grouping. The interface allows you to change its size in 20% increments. The last adjusted size scale is also stored in a preference file (shared between all plugin formats) and is recalled next time **Eternal** is loaded.



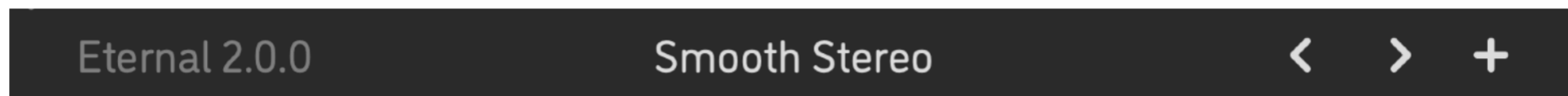
Use *option-click* or *double-click* on any knob to reset it to its default value. Use *shift-drag* to increase the parameter adjustment resolution 10 times. To completely initialize the plugin settings, you can also load the *Default* preset, which is included in both *Factory* and *User* banks.

PARAMETERS

Range	0 .. 6 ms	Flanger engine's base time range
Feedback	-100 .. +100 %	Polarity and amount of output signal being fed back into the flanger's input
Frequency	-20 .. +20 Hz	Modulation generator frequency
Stereo	0 .. 100 %	Modulation generator phase offset between left and right channels
Output	0 .. 100 %	Wet output signal level of the flanger engine
Mix	0 .. 100 %	Balance between dry input and wet output

PRESETS

Eternal features simple built-in functions for saving and loading presets, as well as quickly switching between presets located within the same bank. All these functions are accessed via the top toolbar.



Click on the preset name to show the open file dialog with the list of presets in the currently selected bank (you can navigate between different banks as well as to any custom location)

Option-click

Show open file dialog with the list of preset banks

Command-click

Reveal the currently selected preset file in Finder

Use the < and > buttons to switch back and forth between the presets in the currently selected bank

Click the + button to show the file save dialog

IMPORTANT NOTE: due to the limitations of the user interface font, you can only use latin letters when naming your presets

The preset files are located in */Library/Audio/Presets/Sinevibes/Eternal v2*. By default, **Eternal** includes two banks: *Factory* and *User*. However, you can freely create additional banks – simply by adding subfolders.



SINEVIBES

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