

GATELAB BASIC MANUAL

Version 1.0.0



INTRODUCTION

Gatelab is a creative gate sequencer, volume Modulation generator and beyond.
You can choose from a variety of randomization modes, density values, Flow or Gate mode and Built-in presets.

Gatelab is an endlessly variable Gate Sequencer available for Mac, PC and iOS devices as Standalone or AUv3 Audio Unit plugin.

DEVELOPED BY

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The Audiomodern Team

Special thanks to all beta testers!

SUPPORT

For any support related issues or suggestions please use our website:
audiomodern.com

Gatelab is available as VST / VST3 / AU / AAX / iOS / Standalone

QUICK START

To install, double-click the installer found inside the main folder and follow the instructions!

For WINDOWS users you may choose which installer to setup based on your OS version (32 bit or 64 bit)

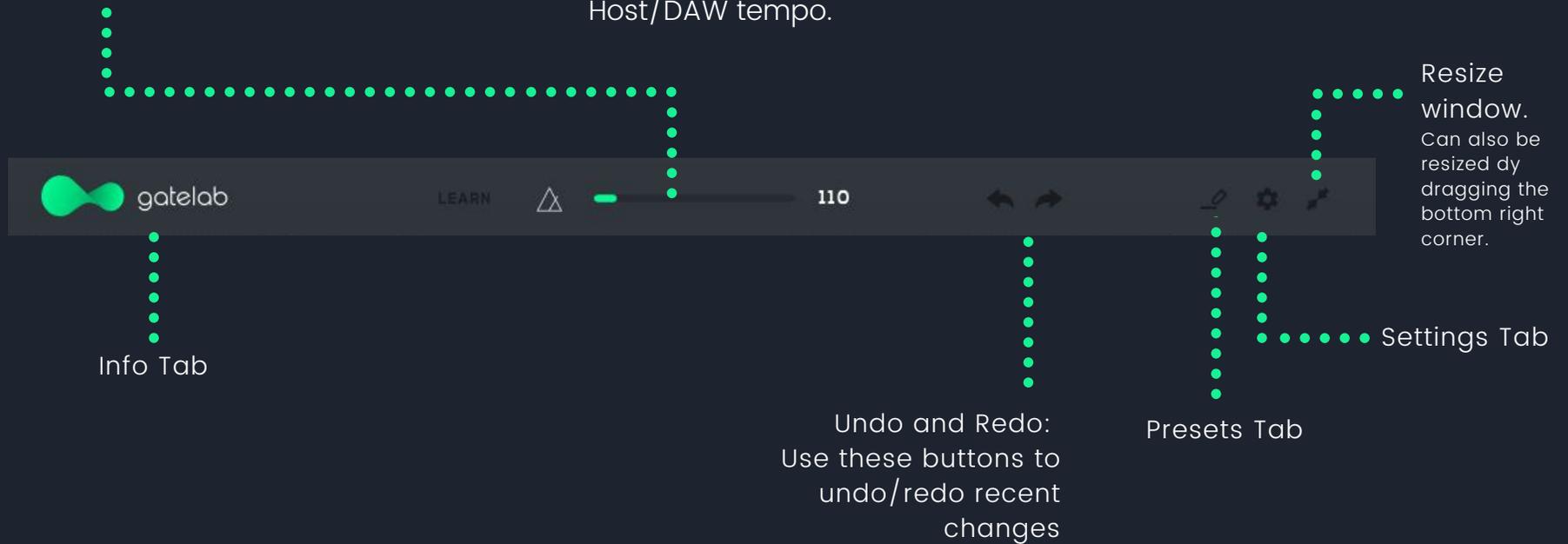
During the installation you may select the formats you want to be installed
(VST, VST3, AU, AAX or Standalone)

By completing the installation you will be able to see it in your DAW's plugin list and your Plugins folder.

TOP BAR CONTROLS

The top bar displays the current tempo in BPM (beats per minute, including a tempo adjustment slider and a find adjustment knob.

Tempo is adjustable only on the iPad version, as the VST/AU plugin will automatically Sync to your Host/DAW tempo.



MODE SELECTOR

Gatelab has two modes:

A volume modulation mode called "Flow" mode and a gate sequencer mode called "Gate" mode.

Flow mode   Gate mode 

While in Flow mode, drag up or down the sequencer's vertical sliders to draw your preferred sequence. While in "Gate" mode, click the vertical sliders to activate or deactivate them.

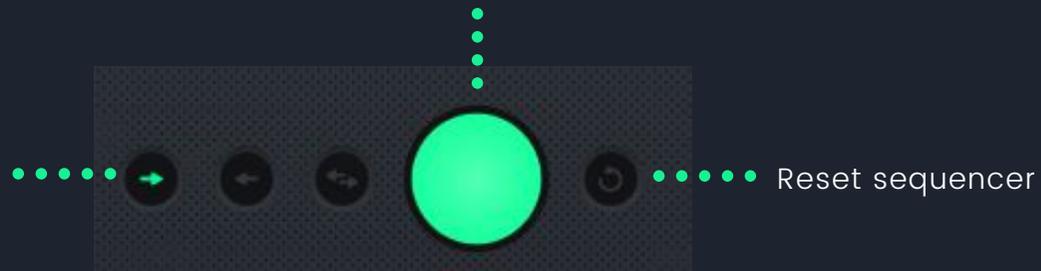
RANDOMIZATION



The three modes of randomization: Settle, normal and complex.

Generate new random filter sequences

Select the motion of the sequencer. You can choose between Forward, Backwards and Ping-Pong.



INFINITY MODE



While enabled, the infinity mode takes full control of the sequence and generates a completely new pattern each time a new pattern starts (loop) so you can just sit back and have it perform for you.

You can also select how many times the pattern shall remain the same until it re-generates a new one.

For example: if X 2 is set, then each pattern shall play two (2) times, until the mode re-generates a new pattern and so on..

Use the right and left allow buttons to increase or decrease the Infinity Mode number, or scroll up or down (drag) the Infinity Mode number to make faster changes.

BYPASS

This toggle switch allows you to bypass the effect.



Quick Bypass button:

Bypasses the effect only while you are holding down or click or tap.

It can also be used in reverse to activate the effect only while being held.

MAIN SECTION

- In the sequencer window you can draw or adjust the values of each step on your computer using your mouse, or using your finger in the iPad.



Click here to toggle between a monophonic or stereo output for the sequencer



In Stereo mode you can use the Link (L) button, which while enabled, will copy any actions you draw in the sequencer to both channels

MAIN SECTION

You can select the starting and ending point of the pattern via the range bar/selector below.
Drag the left or right edge to adjust the starting and ending points.
Shift the horizontal bar by dragging it to the left or right and double-click it to reset it.

Shift to the left

Copy

Shift to the Right

Copy

Click the "Copy" button for channel No.1 to copy the sequence to channel No.2 and vice versa.

Click the "Shifting" buttons to circularly shift the sequence to the left or right

This drop-down menu allows you to select your sequencer's quantization rhythm.



Here you can select the total length of your pattern, anywhere from 2 to 64 steps.

To prevent individual steps from being altered by the randomizer, click or tap the key icon, then select the steps you wish to freeze. You can then click the key again to continue editing your sequence.



This will release all locked steps.

DENSITY MODE

Density mode gives Gatelab the ability to split the steps and create more interesting rhythms.



By default, Density mode will be set to zero.
By setting it to another number, e.g. 2, the next sequence that will be generated, will include 2 steps that will be affected by Density.



This will randomize the Density in the sequence without randomizing the steps.



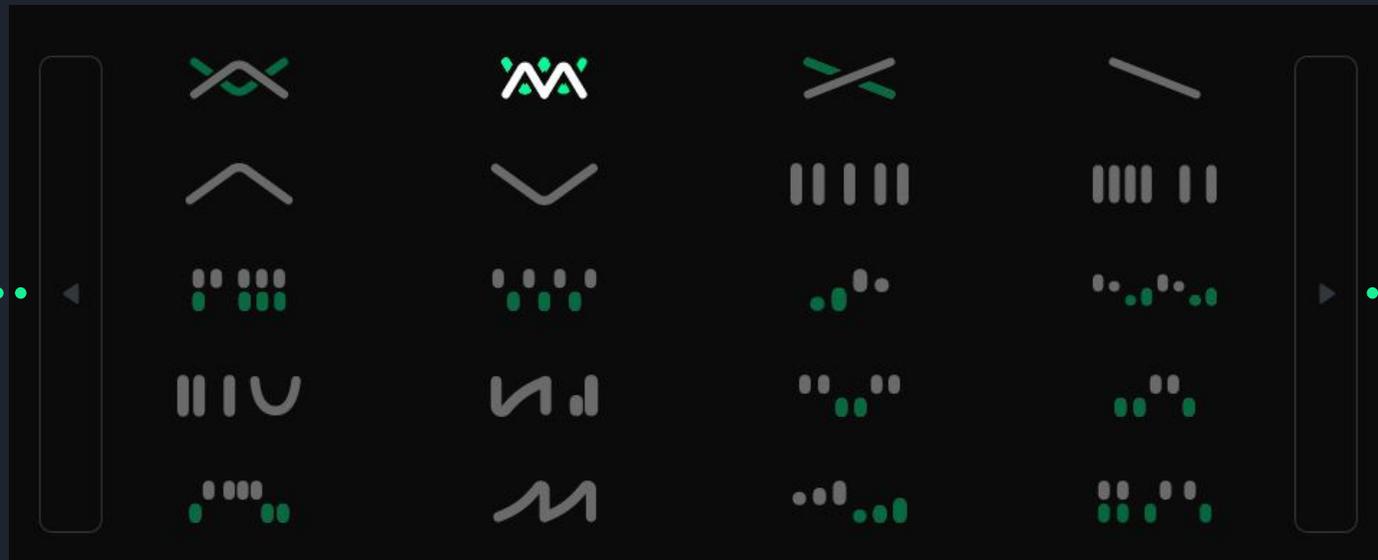
Density mode has 3 values: H, 2 and 3.
'H' stands for Half step, which splits the step in two playing only the first half.
A value of 2 splits the step in 2 pieces and a value of 3 splits the step in 3 pieces. Drag these values up or down to adjust them.

PRESETS

Gatelab come with 40 factory presets in Mono and Stereo mode.
Click the "Presets" button to enter the Presets menu



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Click any of the presets to select it. The selected preset will be highlighted.
You can also tweak any of the presets and save it as your own preset.

DISINTEGRATION MODE

By activating the Disintegration mode, the Infinity control will also be activated:



The Disintegration mode works in combination with the Infinity number. By setting the infinity number to 4, every single time the sequencer's cursor goes around, it will start disintegrating the sequence and within 4 playthroughs it will have disintegrated the pattern to an empty sequence.

The Grow mode, works exactly the same way, but in the opposite way.



Starting with an empty sequence, until the end of 4 bars, it reaches the expected number of active steps, according to the selected Randomization mode: Settle, normal or complex.

FEATHER CONTROL



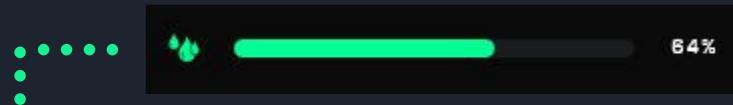
This smooths out the different steps.
By increasing this control, the smoothness will be increased between the different steps.

SHUFFLE



This allows you to get shuffled grooves within the gating.

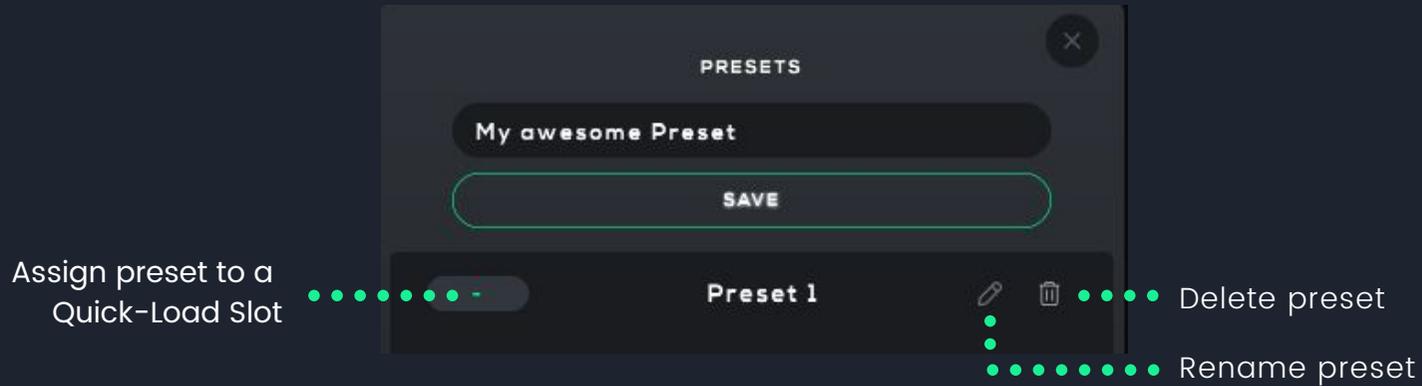
DRY & WET



Set by default at 100%, you can decrease it to make a mix between the two.

SAVING PRESETS

In Gatelab, you have two options to store/save your custom presets. The traditional method requires you to click the save (pencil) button on the top-right. Name your preset and click 'Save'.



Quick-Load Slots

The second option is what we call Quick-Load slots. Once you have a pattern that you want to save, simply by clicking to an empty slot will automatically save the current pattern to this slot number. Once a saved preset is there, it can be recalled with a press of a button instantly, rather than choosing it from the "load-presets" top-right menu.



This is extremely helpful in live/jam situations where you can load up to 16 different presets and quick-fire them with a pouch of a button. The slot/preset that is currently playing will be displayed with blue color.

MIDI Control

Gatelab can send out 2 MIDI Channels, that can control different instruments or audio effects within your project. Click the "MIDI" Button to open the MIDI Options tab



MIDI Channel No.1 and MIDI Channel No.2 correspond to the 2 MIDI Channels Gatelab has in Stereo mode. The steps of each channel, send MIDI information to another instrument, or another effect within your project.

- Set your Instrument's MIDI input to "Gatelab" in order to be able to receive the MIDI messages that Gatelab sends.

- Turn the MIDI Channel ON



- Select which message Gatelab will send out



- Set the MIDI Input of any of the parameters within your instrument or effect, to be the same as Gatelab (CC3)
- Adjust the minimum and maximum values that the messages will be sending out:



SETTINGS

On the Top-right Settings (Gear) icon you can have access to MIDI settings and also Ableton Link for the iOS version of Gatelab.

You can select/set MIDI CC Channel and set different CC s for your Controls and/or Automation settings.



AUTOMATION – MIDI LEARN

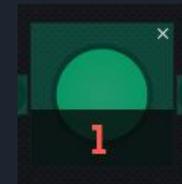
MIDI Learn allows you to remote control virtually any on-screen parameter with a MIDI controller. The basic process of pairing a physical control to a Gatelab parameter using MIDI Learn is extremely simple:

- Click the 'Learn' button on top

- The controls that can be automated are highlighted. Select a parameter to be activated for the MIDI Learn mode.



- Move a slider/knob on your MIDI Controller to associate it. You will be able to see the MIDI CC number of the associated control.



- Click 'Learn' to exit the MIDI Learn mode

GATELAB BASIC MANUAL / USER GUIDE

VST/VST3/AU/AAX/iOS