



# Getting Started

Windows, MacOS & iOS



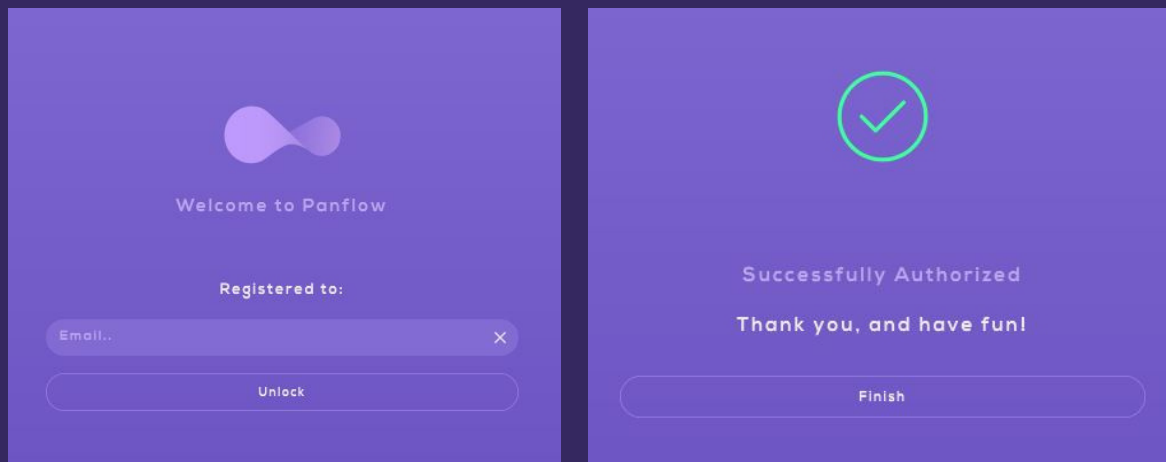
## Quick Start

Double-click the installer found inside the main Panflow folder and follow the instructions.

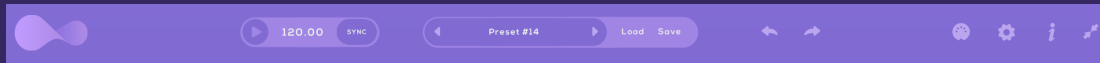
For Windows users: During the installation you may select the formats you want to be installed ( VST, VST3, AU, AAX or Standalone)

## Authorization

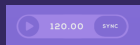
The first time you open Panflow, a window will pop-up and it will ask you for your registration email. Enter the email address you would like to register Panflow to and click "Finish":



# Top Bar Controls



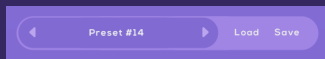
## Sync



The top bar displays the current tempo in BPM. Activate the "Sync" button (default) and Panflow will always play synchronized to your DAW.

Deactivate the "Sync" option to allow Panflow use its own clock. Adjust the BPM slider to set your preferred tempo.

## Presets Manager



Panflow's Presets Manager allows you to save and manage your custom presets.

Click the "Load" button or the currently loaded Preset name to enter the Presets Manager. Use the Right and Left arrow buttons to easily navigate through your saved Presets.

Click "Save", enter a name for your Preset to save it for later use.



## Undo & Redo buttons



## MIDI Out

Panflow can send out one MIDI Channel, which can control other instruments or audio effects within your project.



## MIDI Learn

Panflow comes with an advanced MIDI Learn system that allows you to remote control virtually any on-screen parameter with a MIDI controller.



## Settings

Click the 'Settings' button to access Panflow's MIDI settings.



## Info

This tab includes all useful information and links that could help you ease your workflow.

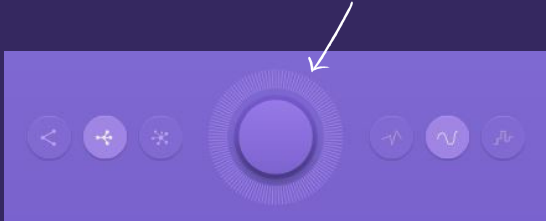


## Resize

This will resize Panflow to its actual size. You can also resize the Panflow window by dragging its bottom right corner.

# Randomization

Click the central randomization button to randomize Panflow's graph and generate a new panning curve.



Panflow provides several parameters on how the randomization works:

## Complexity Type



Simple Randomization: Select this complexity type and click the central randomization button. Panflow will generate simple panning curves.



Medium Randomization: Select this complexity type to generate panning curves with medium complexity.



Complex Randomization: Select this complexity type to generate more complex panning curves.

## Line Types



Triangle: The different points in the graph will be connected with straight lines.



Curve: The different points in the graph will be connected with curve lines.



Rectangle: The different points in the graph will be connected with stepped lines.

# Infinity mode

While enabled, the infinity mode takes full control of Panflow and generates a new graph every time a bar goes past.



You can select how many times the graph shall remain the same until Panflow generates a new one. For example: if X 2 is set, then each pattern shall play two (2) times, until the mode generates a new one and so on..

## ByPass Controls



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.

# Controls

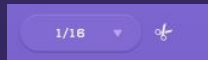
## Speed



The Speed is set to 2 by default. A Bar is the timeline that is going on on Panflow's graph.

Set Speed at a smaller value to make the timeline shorter, or a greater value to make the timeline slower.

## Grid



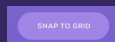
The Grid is set to 1/16 by default. Adjust the Grid to adjust the graph's divisions.

## Feather Control



This smooths out the transition between the different points on the grid.

## Snap to Grid



All points in the graph will be snapped to the grid.

## Reset



This resets the graph completely.

## Lock



This allows you to lock certain points within your graph to prevent them from being affected from any randomization.

Turn the locking mode ON and then click on the points that you want to lock.

The locked points will be highlighted (white).

You can then turn the locking mode OFF and click the randomization button. The locked notes will not be affected by the randomization.

Click the Reset button to reset all locked steps. 

## Shapes



These three buttons draw a sine shape, a square shape or a saw shape.

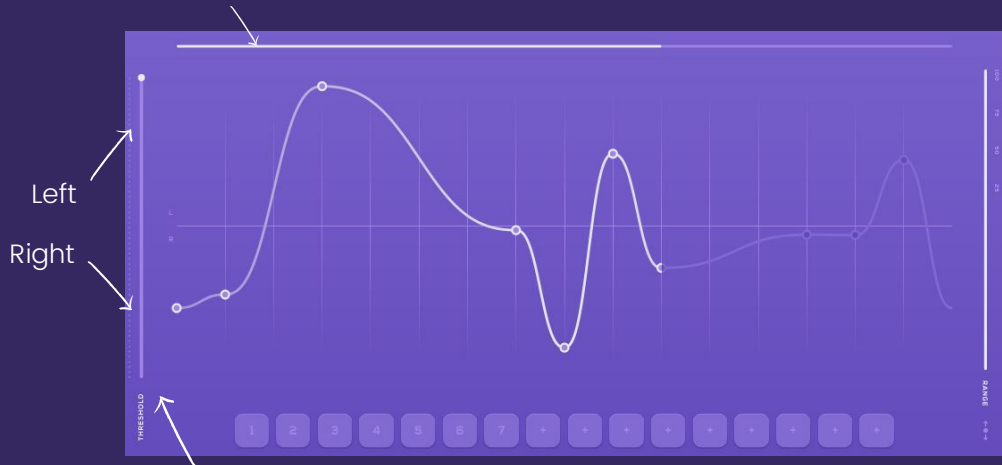
## Dry/Wet



Reduce the Dry/Wet if you want a more subtle effect.

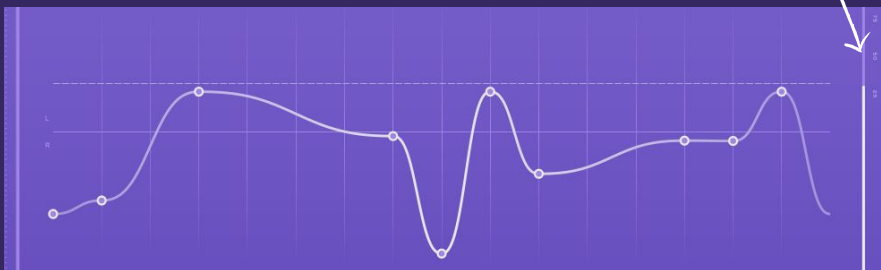
# The Graph

You can select the starting and ending point of the graph 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.

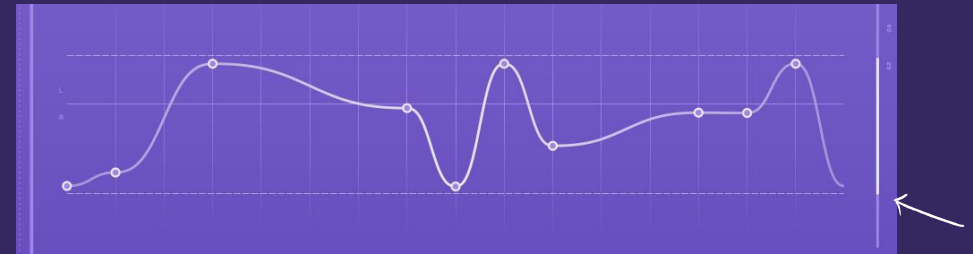


On the left hand side, we have the Threshold control.  
This will look at the incoming signal and apply the panning only if gone past.

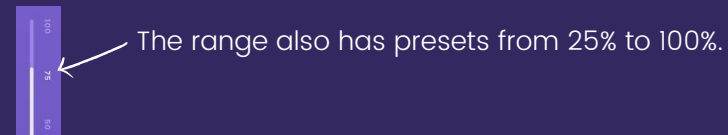
On the right hand side we have the Range control.  
This allows you to set the maximum width the plugin will pan both left and right. By default it is set to 100. Drag it from the top to limit the pan for left.



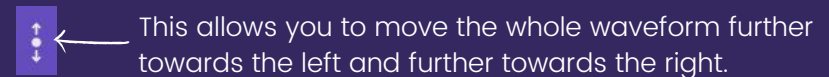
We can do the same for the right, by dragging the range from the bottom:



Drag the range from the middle to drag it up and down.



The range also has presets from 25% to 100%.



This allows you to move the whole waveform further towards the left and further towards the right.

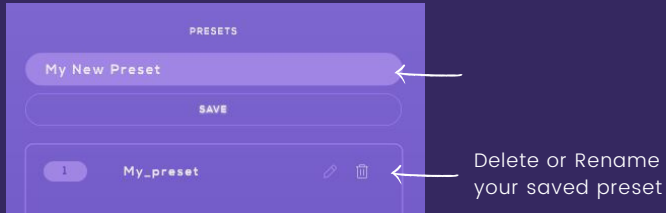
Decrease the left and right outputs and enable this toggle button. By dragging the Range bar up and down, the whole waveform will be moved towards the left and right.

If you deactivate the toggle, by dragging the range from the middle, it allows you to crop the left and right.

# Presets Manager

In Panflow, you have two options to store/save your custom presets.

The traditional method requires you to click the "Save" button on the top. 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 through the Presets Manager.



The slot/preset that is currently playing will be highlighted.



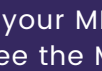
Any of the saved Presets can be assigned or disconnected from a Quick-Load Slot through the Presets Manager.



## Automation - MIDI Learn

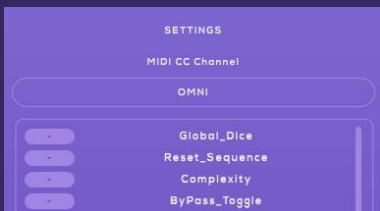
MIDI Learn allows you to remote control virtually any on-screen parameter with a MIDI controller.

The basic process of pairing a physical control to a Panflow parameter using MIDI Learn is extremely simple:

- Click the 'MIDI' 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.

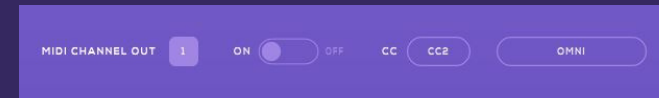
## Settings



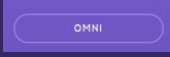
On the Top-right Settings (Gear) icon you can have access to MIDI settings and also Ableton Link for the iOS version. You can select/set MIDI CC Channel and set different CC's for your Controls and/or Automation settings.



## MIDI Out

Panflow can send out one MIDI Channel, which can control other instruments or audio effects within your project. Click the "MIDI Out" button to open the MIDI Options tab.



- Set your Instrument's MIDI input to "Panflow" in order to be able to receive the MIDI messages Panflow sends.
- Turn the MIDI Channel ON → 
- Chose the CC that you want to assign it to. → 
- Chose your preferred Channel. → 
- Automate any of your instrument's parameters to receive the MIDI messages Panflow sends.



