InstaLooper3

User Manual

AUDIO BLAST

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1.Welcome to InstaLooper3

Thank you for buying InstaLooper3!

InstaLooper3 is not a traditional loop recorder.
This plugin effect is more considered like a glitch effect tool by our team, and we love to use it to create breaks at the end of measures and unstructure the sound, looping it fast to create roll effects.

With this plugin, you can loop real time audio to apply time and pitch changes in order to create effects on your musical creations.
It increases your workflow, because you no more need to lose hours of your time editing your sequences to create rhythm, glitch, drill, time effects.

There are 4 loop available. You can program each of them and create drill effects changing the loop size range in live looping, and you can switch the different loops in live situations to create roll effects.

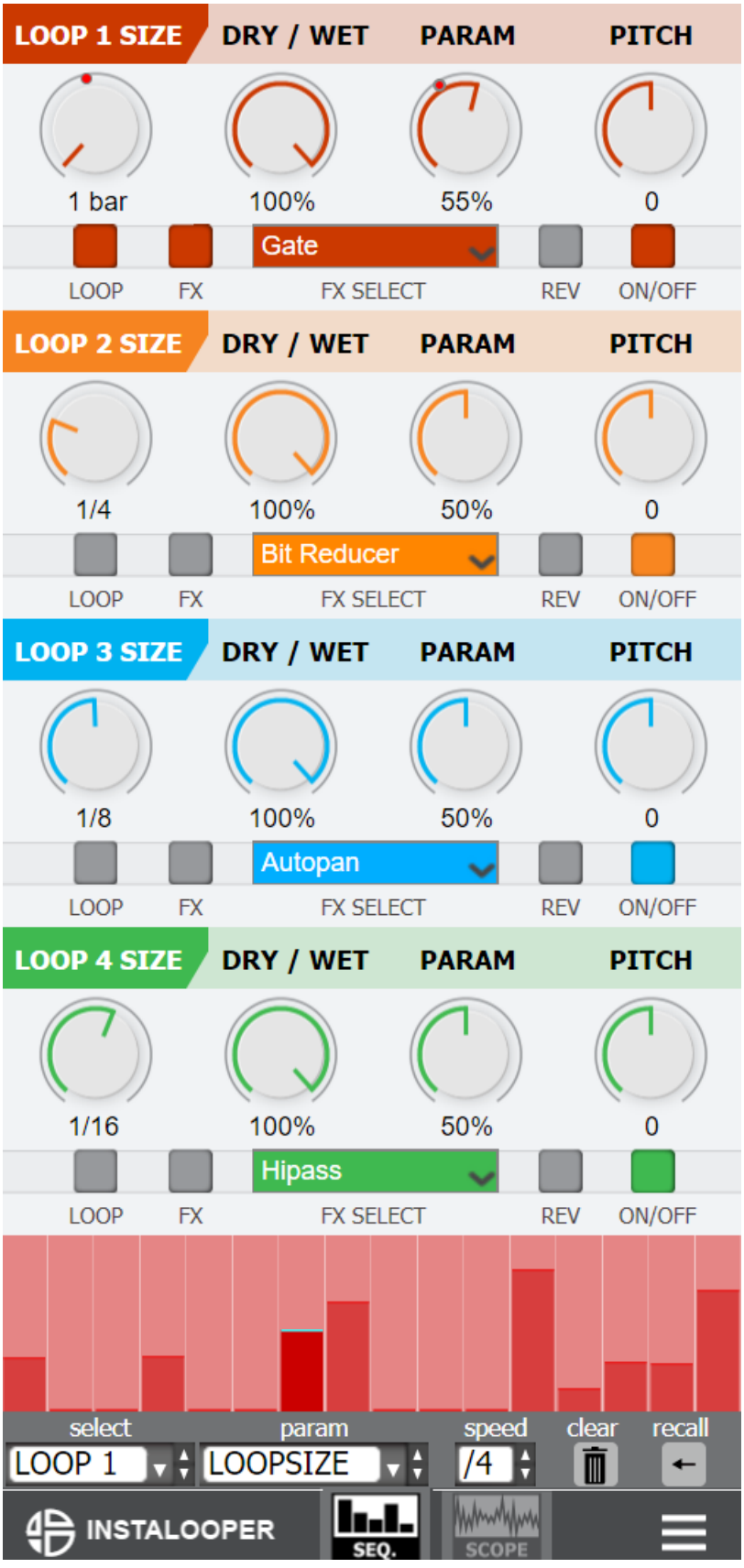
5 effects are included that can be applied to each loop: Bit reducer, Auto-Pan, Hi-pass filter, Phaser, and Time expand effect. You can apply those effects in real-time while reversing, pitch shifting, and loop size range changing.

Try it on you drum bus, or even on the master, you could hear some good surprises.

The plugin has been designed to ease assignation with an external controller in the most popular DAWs.

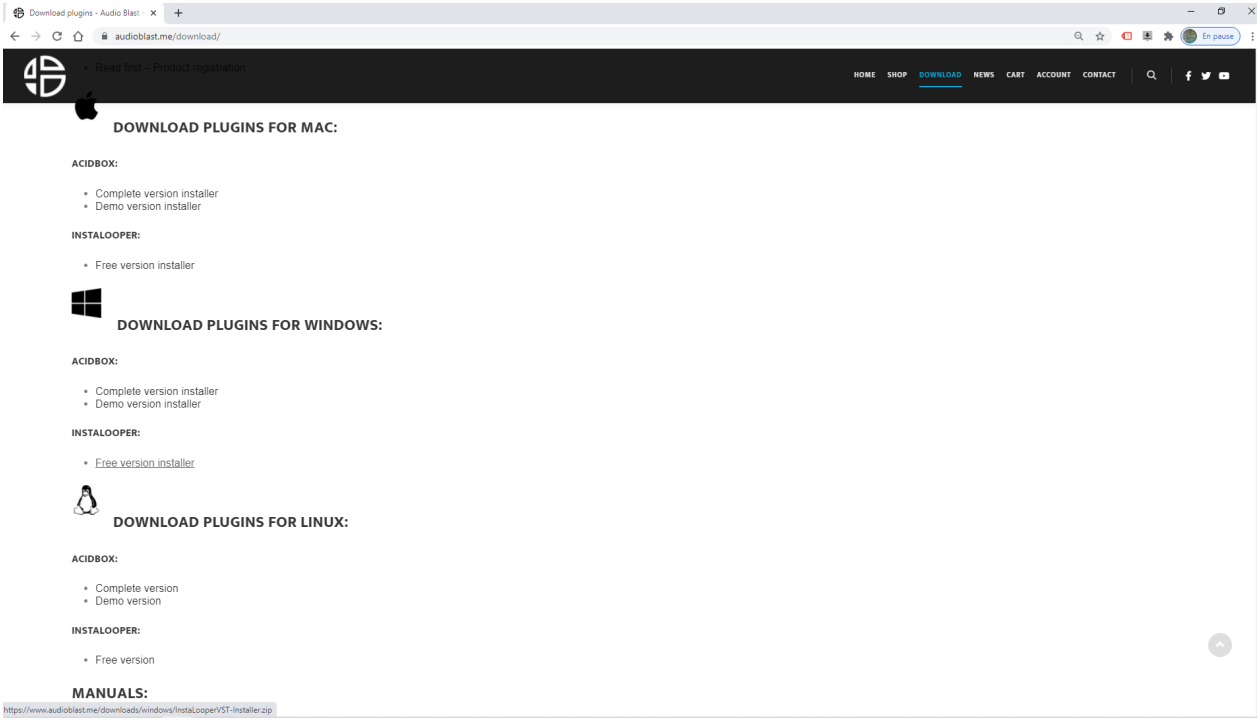
This tool is useful for making live glitch effects, or to program them when you create your tune in studio.

The step sequencer mode provides a lot of options to program the parameters of each loop.


LOOP 1 SIZE
DRY / WET
PARAM
PITCH
1 bar
100%
55%
0
Gate
LOOP
FX
FX SELECT
REV
ON/OFF
LOOP 2 SIZE
DRY / WET
PARAM
PITCH
1/4
100%
50%
0
Bit Reducer
LOOP
FX
FX SELECT
REV
ON/OFF
LOOP 3 SIZE
DRY / WET
PARAM
PITCH
1/8
100%
50%
0
Autopan
LOOP
FX
FX SELECT
REV
ON/OFF
LOOP 4 SIZE
DRY / WET
PARAM
PITCH
1/16
100%
50%
0
Hipass
LOOP
FX
FX SELECT
REV
ON/OFF
select
param
speed
clear
recall
LOOP 1
LOOPSIZE
/4
INSTALOOPER
SEQ.
SCOPE

2.Installation

2.1 Go to https://www.audioblast.me/download/



2.2 Download the complete version installer.

Windows:

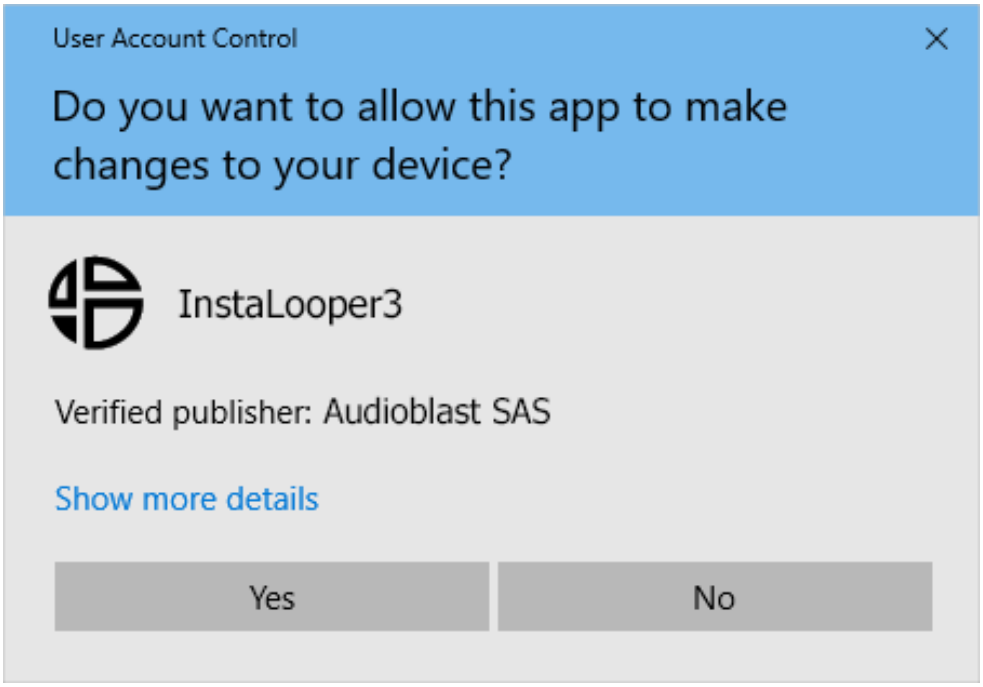
Extract the InstaLooper3-Installer from the zip archive and double click on the InstaLooper3-Installer.exe to begin the installation.

Mac:

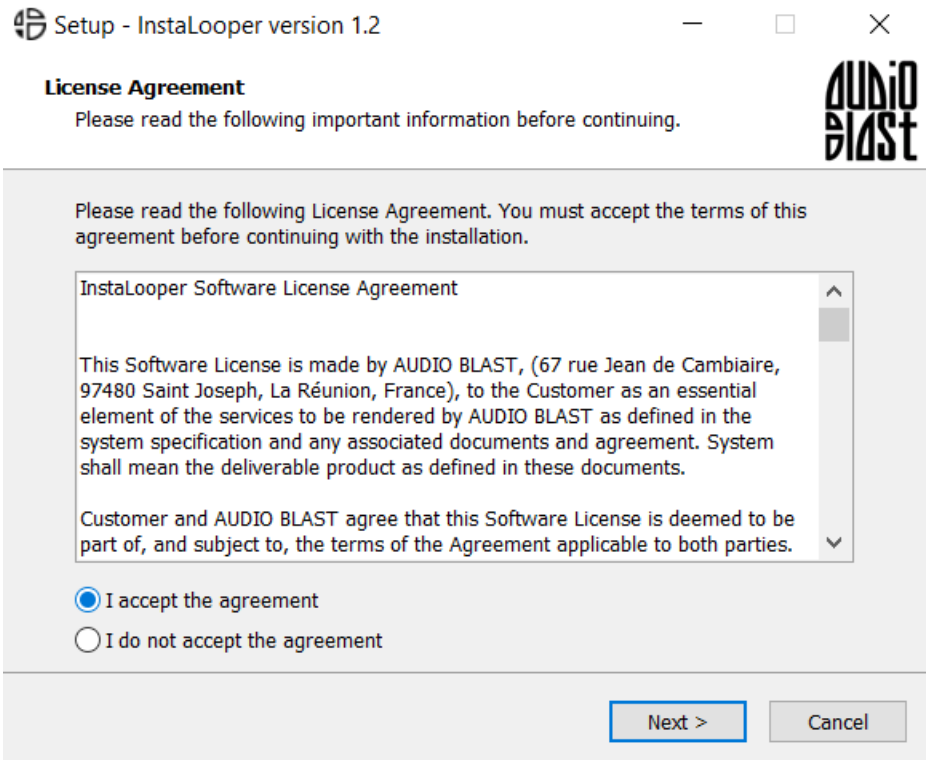
Double click on Instalooper3-Setup.pkg to begin the installation.

2.3 Proceed to installation on Windows

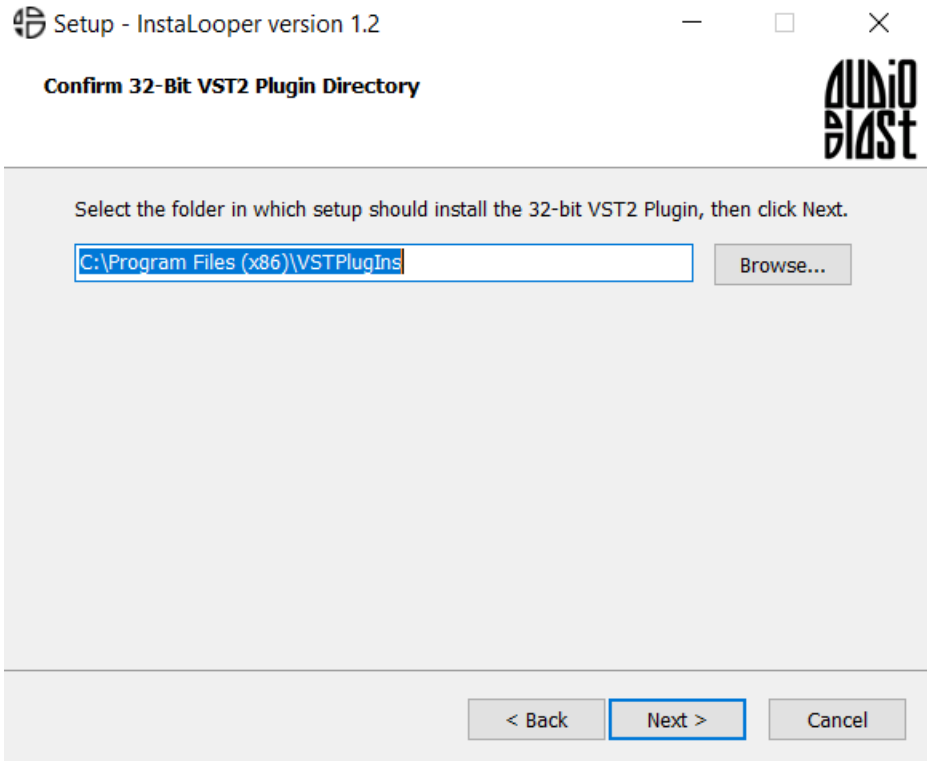
Click YES on authorize on this computer.



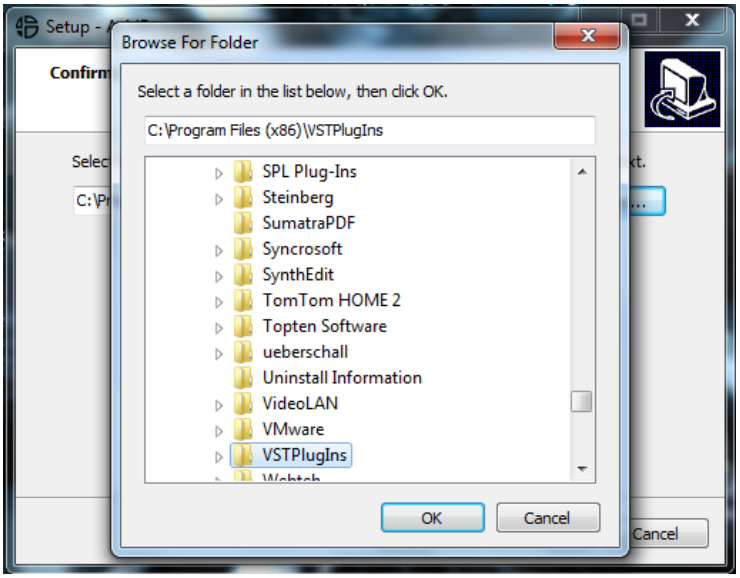
Accept the agreement and then click the “Next” button.



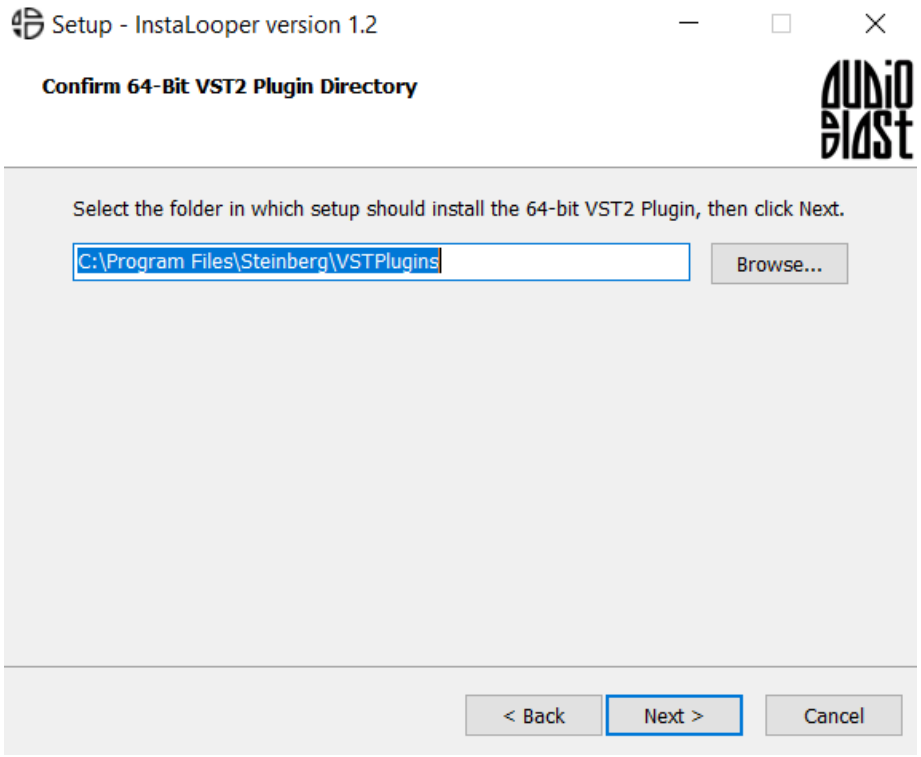
Confirm the 32 Bit VST2 Plugin Directory



Choose your directory by clicking the **"**Browse…" button, a browser window will appear, and then select your own folder.



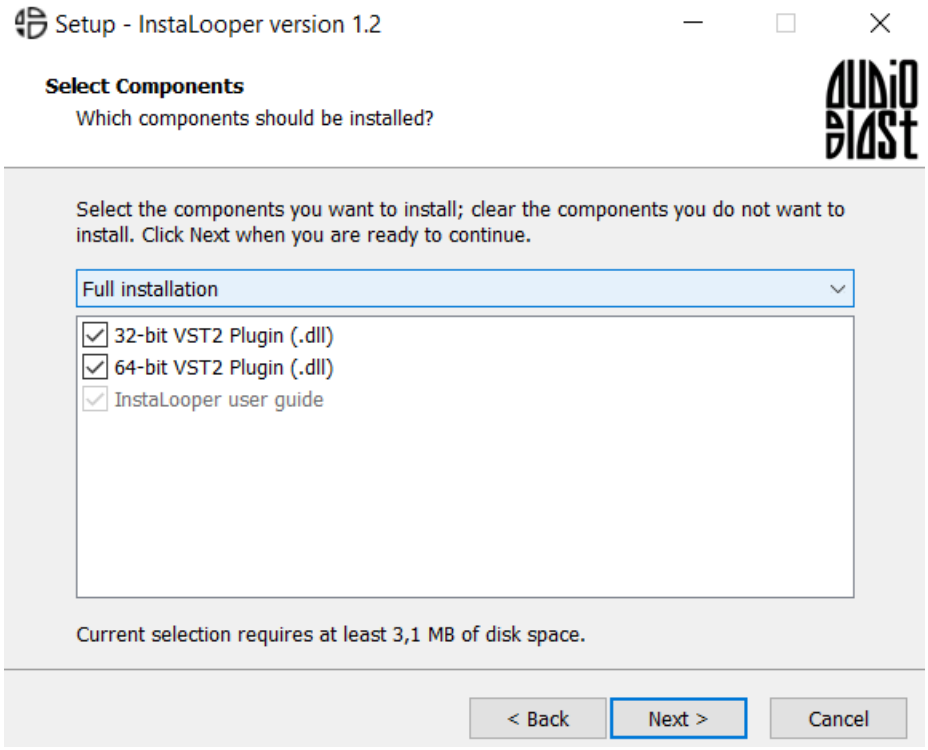
Confirm the 64 Bit VST2 Plugin Directory



As shown above you can choose your own directory by clicking the “Browse…” button. A browser window will appear. Select your own folder.

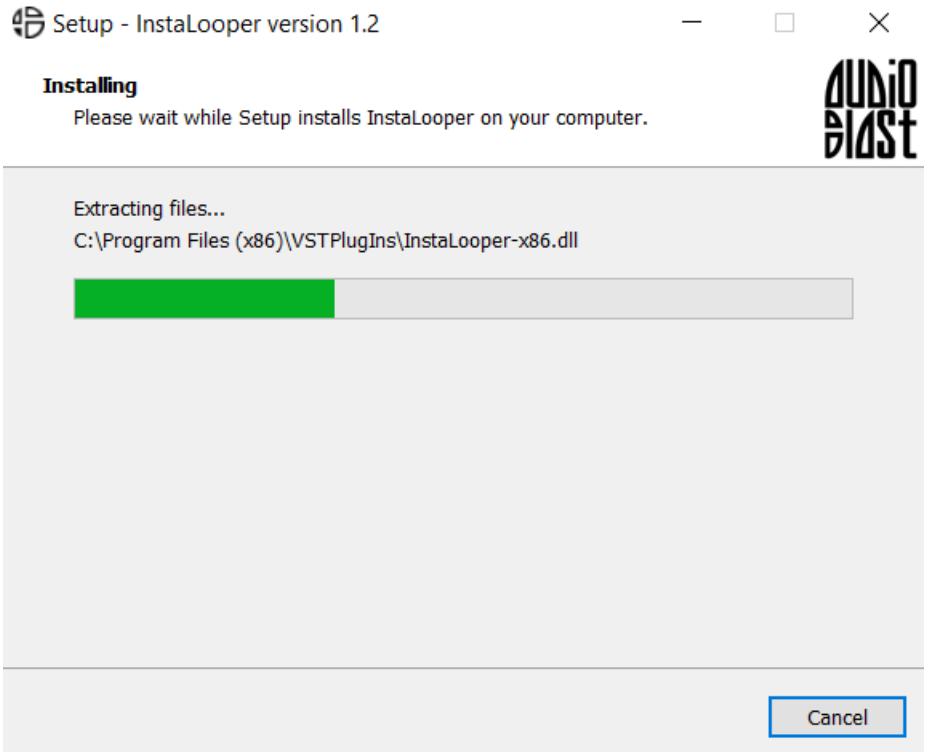
The plugin should appear in your host (after VST scanning or rescanning) under the name "InstaLooper-x86" or “InstaLooper-x64”.

Select which components should be installed.



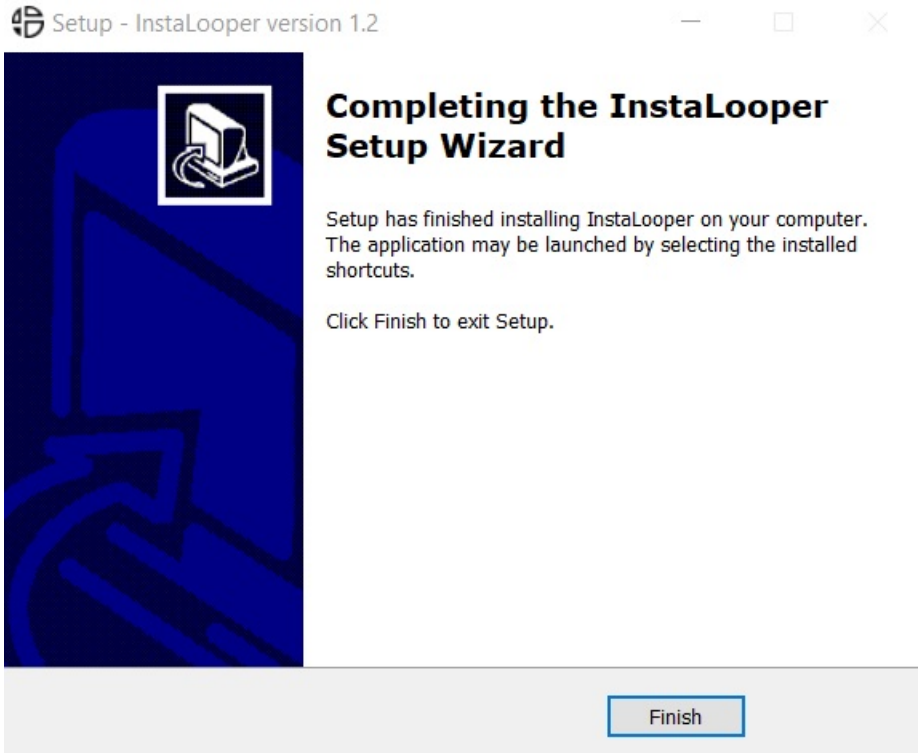
By clicking on the check boxes, choose which components to install.

Ready to install.



By clicking the “Install” button you will install the previous selected components.

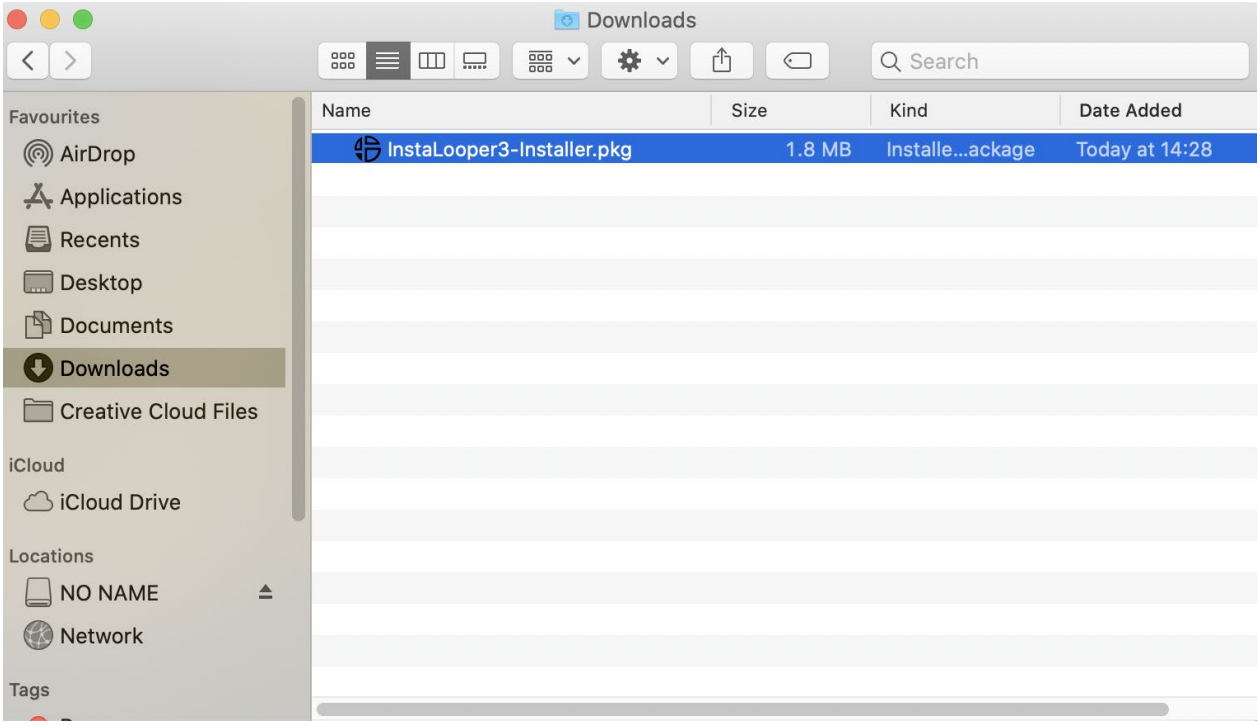
Finish the installation.



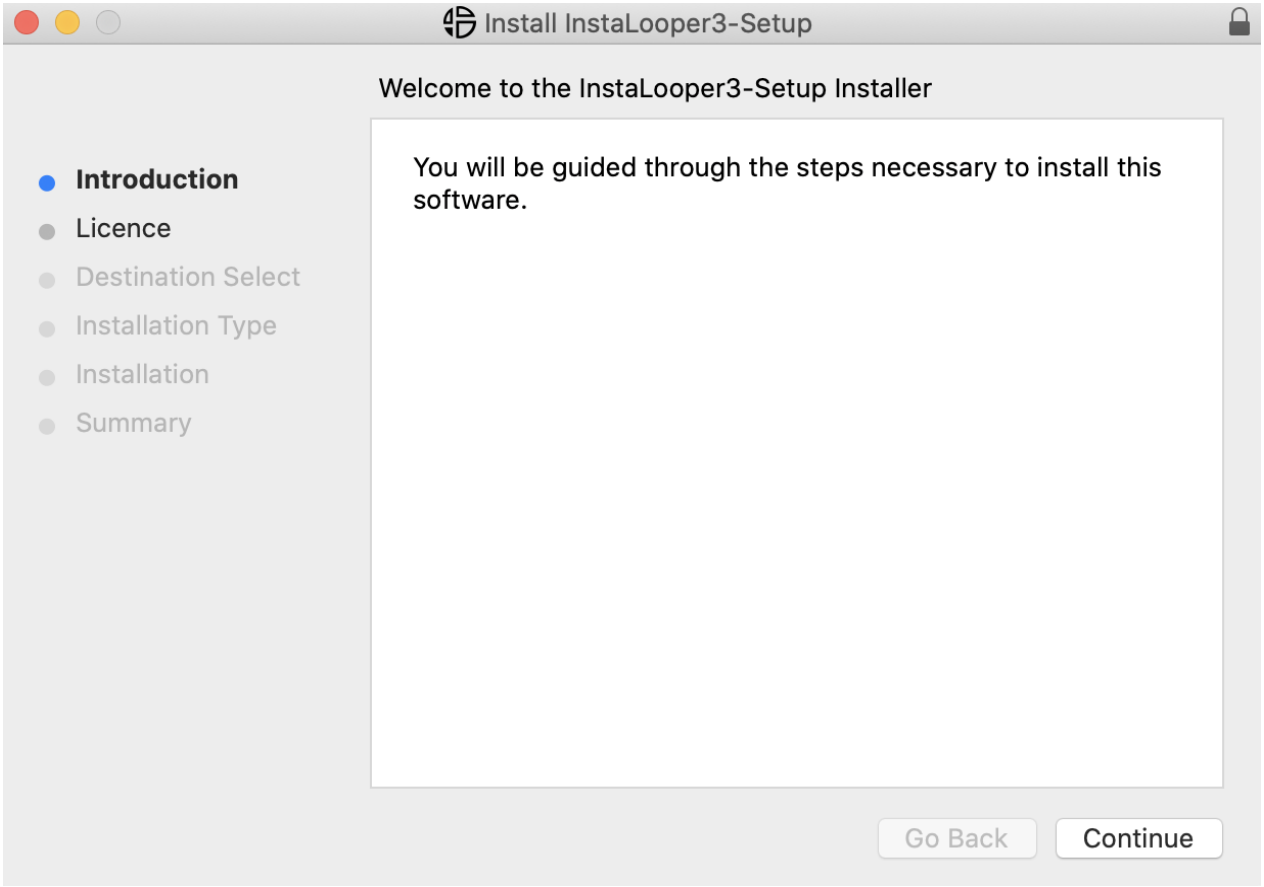
The plugin should appear in your DAW (after VST scanning or rescanning) under the Name: “Instalooper-x86” and “Instalooper-x64” in your VST plugins folder.

2.4 Proceed to installation on Mac

Double click on Instalooper3-Setup.pkg to begin the installation of the InstaLooper3.

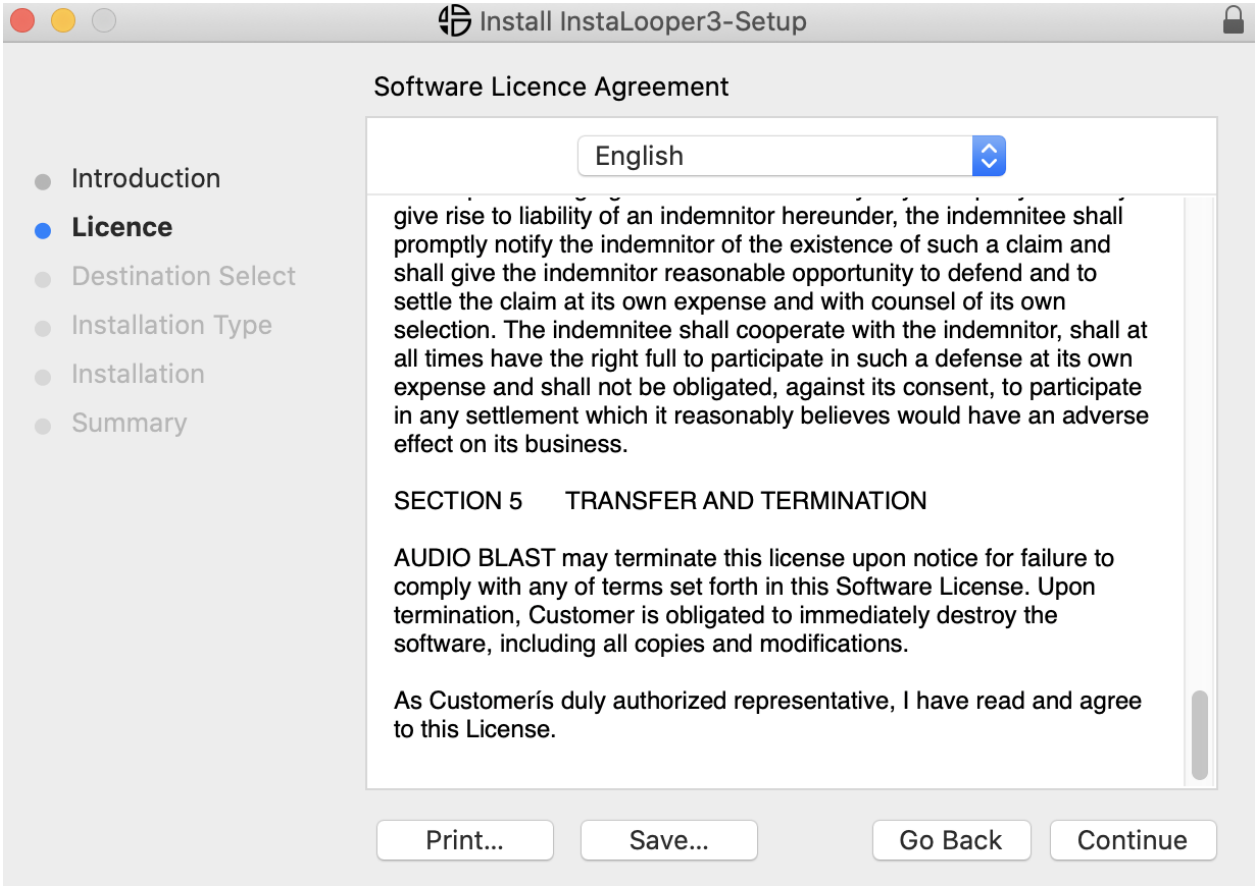


Welcome to the InstaLooper3-Setup Installer



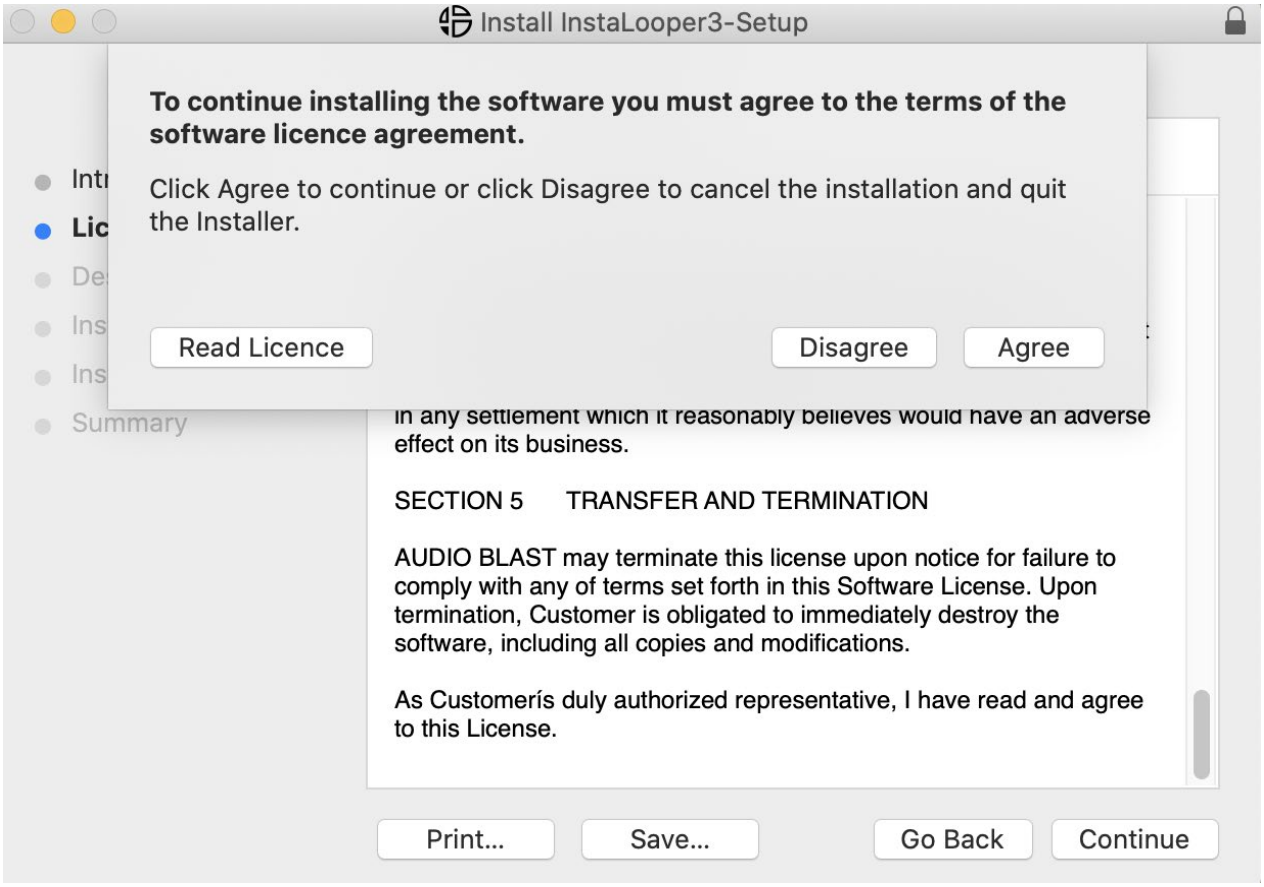
Click on the “Continue” button to start the installation of InstaLooper3 VST and Audio Unit.

Software License Agreement



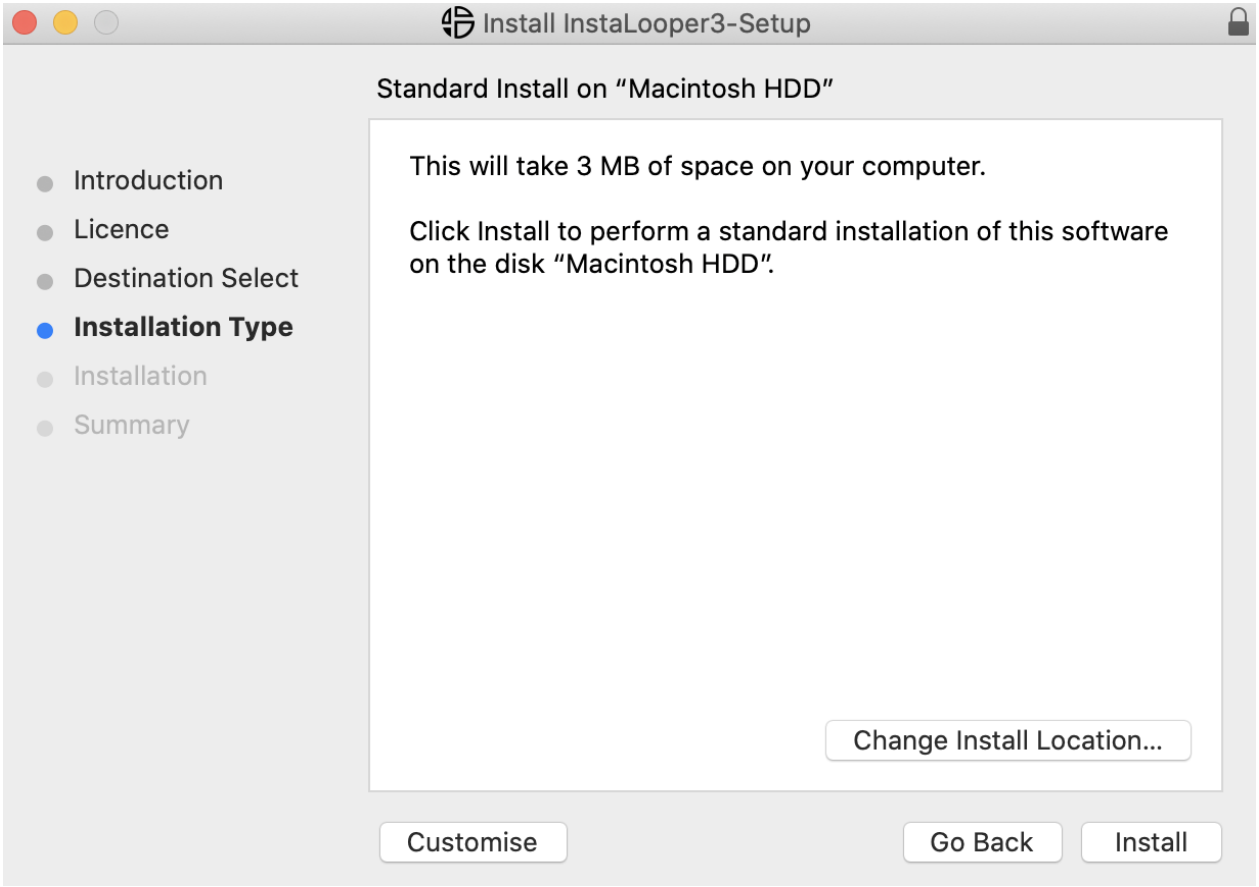
By clicking the “Continue” button, a window will appear.

Click “Agree” to continue the installation of the software.



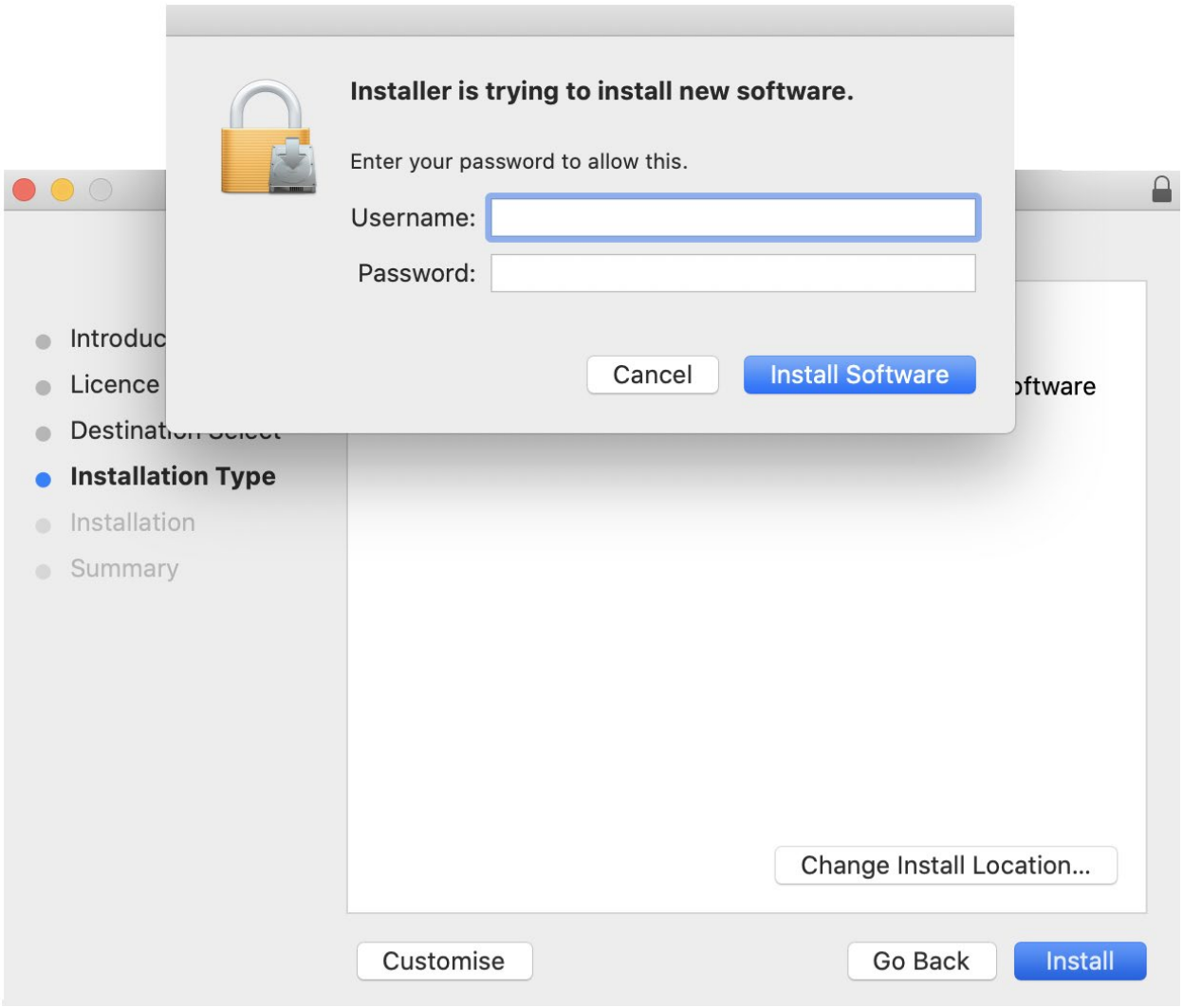
You must agree to the terms of the software agreement to continue the installation.

Installation Type



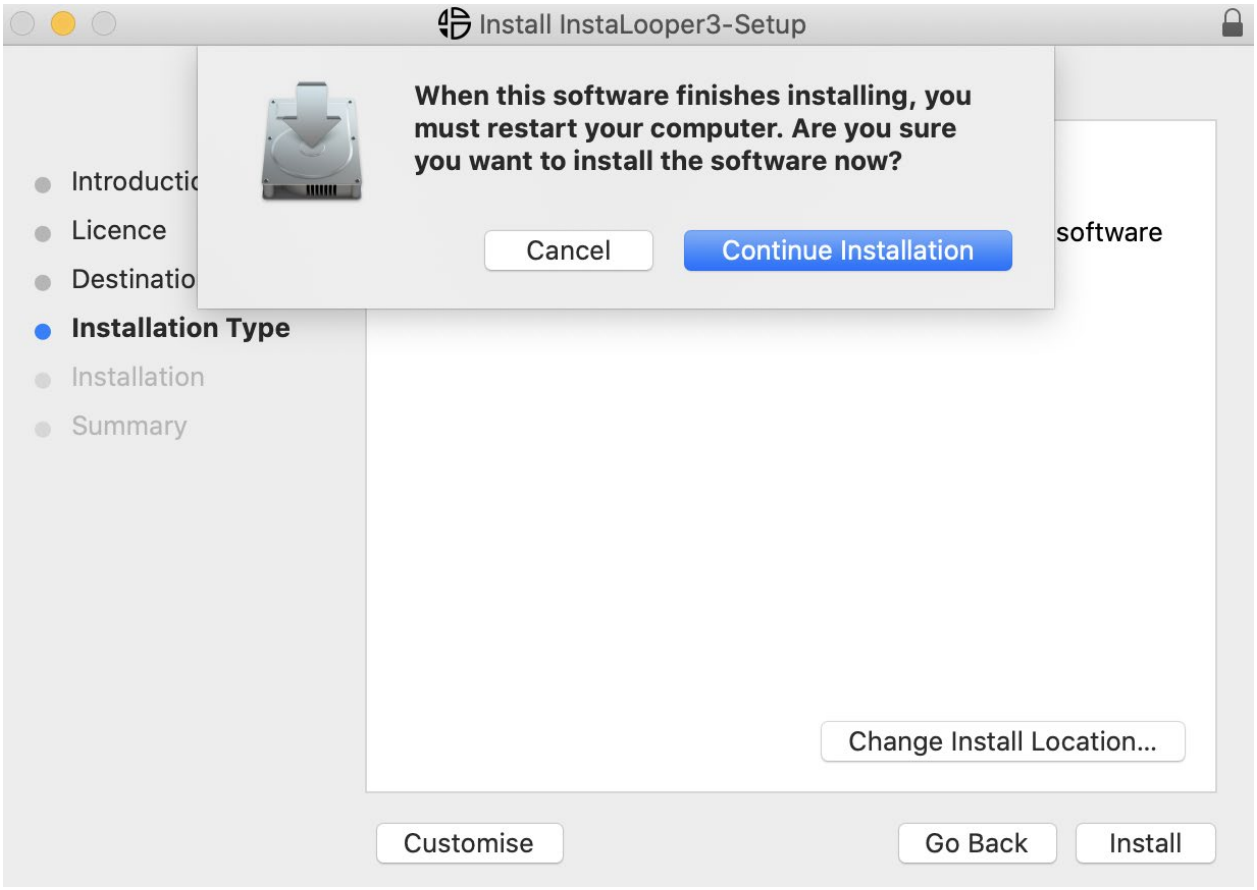
Click "Install" to install the default configuration: VST, Audio Unit.
For custom location click on "Change Install Location".

Ready to install

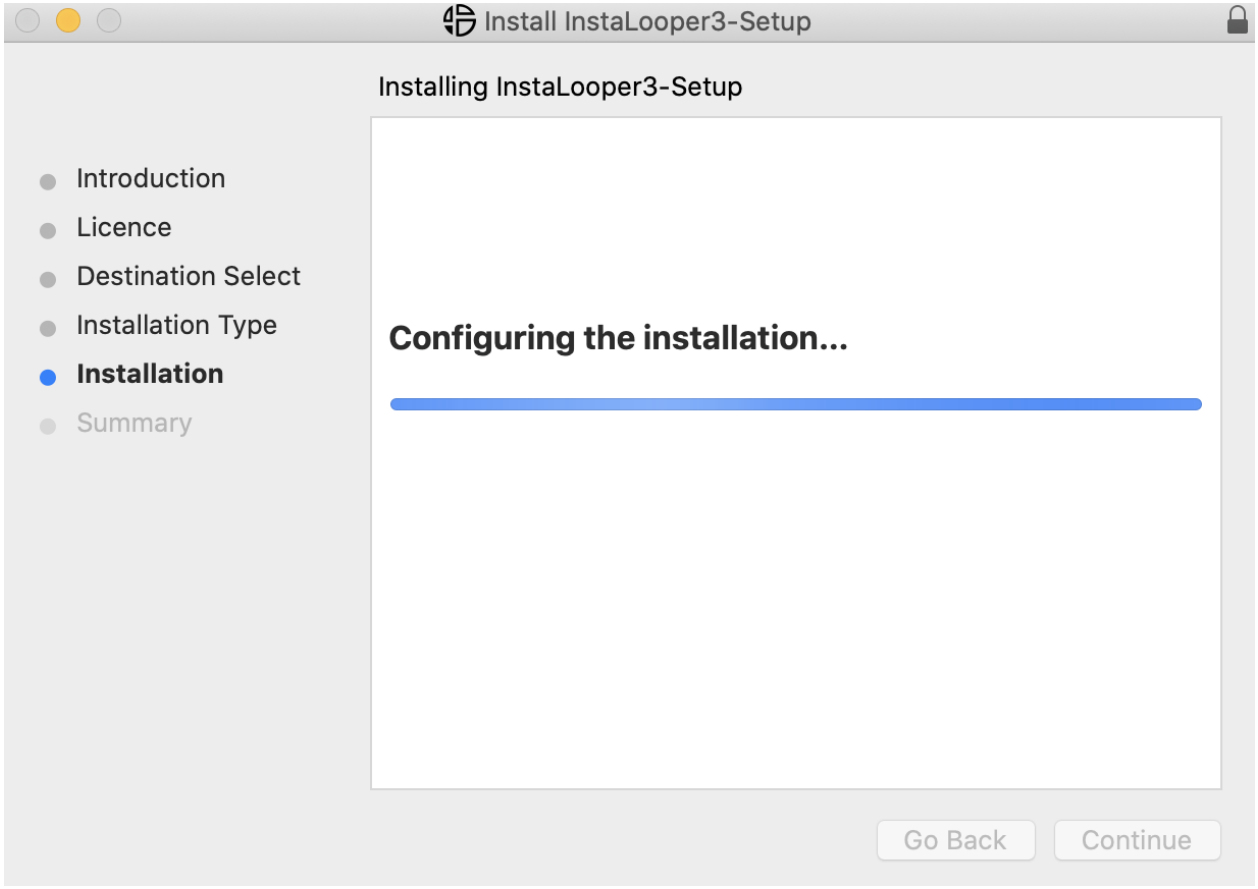


Enter your “Username” and your “Password” and click “Install Software”.

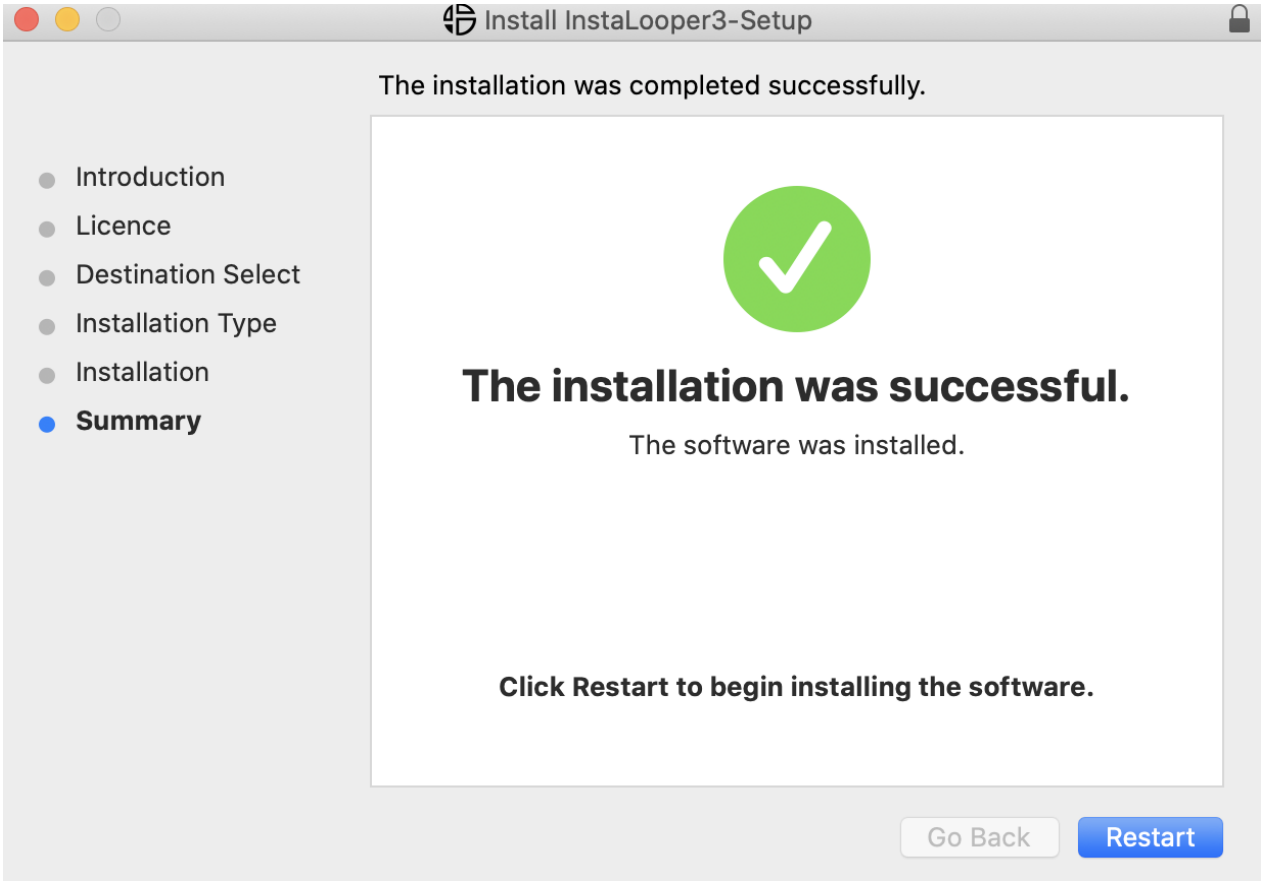
By clicking on “Continue Installation” you agree to finish the installation of the plugin, then your computer will automatically restart.



The installation is running.



The summary window will appear, click “Restart” to finish and restart your computer.



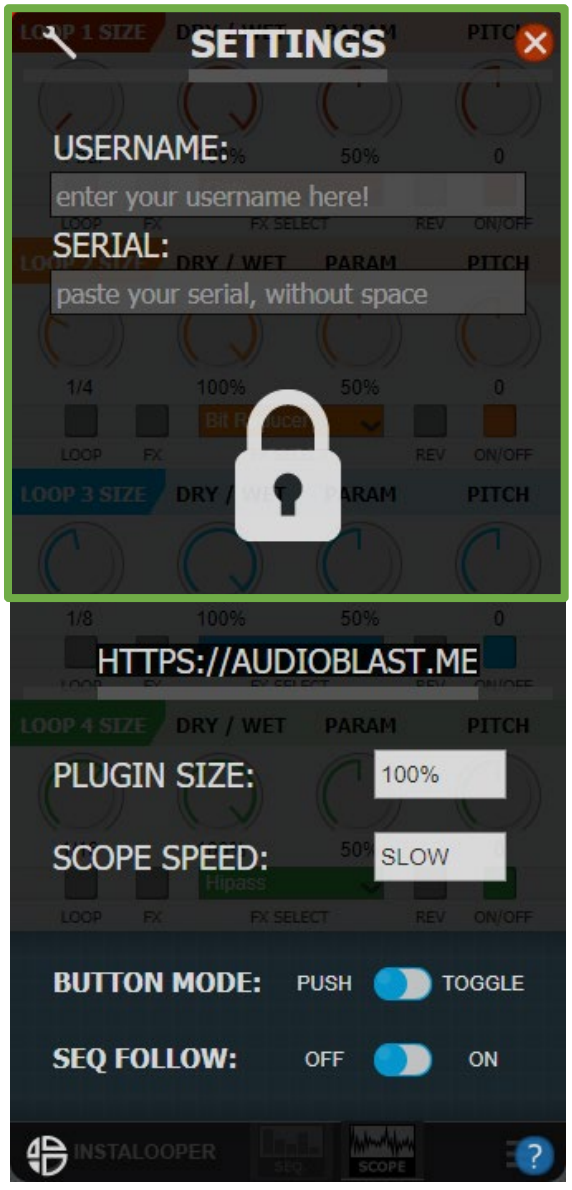
3. Activate the Plugin

The first time you launch the InstaLooper3 in your DAW the unlock window appears.

When ready, please unlock the plugin with the email and password combination given to you by Audio Blast.

Your username should be the email adress you used to register on our site and look like this: Instalooper30x@audioblast.me

Your serial should look like this: PCILLBJFANZMZJZLZHZZJZZZ



Copy and paste your username and the serial you received by e-mail then press “Enter”.

Copy (ctrl + c on windows, CMD + c on Mac) your username, then paste it in the first field (ctrl + v on windows, CMD + v on Mac) and press ENTER.

Apply the same process to the second text field.

Be careful to copy / paste without any space before and after.

Until the VST is unlocked you will have no sound with the plugin!

Once unlocked, you ‘ll see the AudioBlast logo instead of the lock icon, and the InstaLooper3 will work properly.

4.Using the plugin

You have two ways to click on this plugin with your mouse.

If you are using the “left click” on the push buttons LOOP, FX and REV you will see that the functions are enabled only when you hold the click on.

If you are using the “right click” on the push buttons LOOP, FX and REV, the push button will be toggled, so you have “right click” again to deactivate it.
(Ref: 9.1.3 Button mode)

Double click on any knob to reset at the default value.

On the step sequencer:

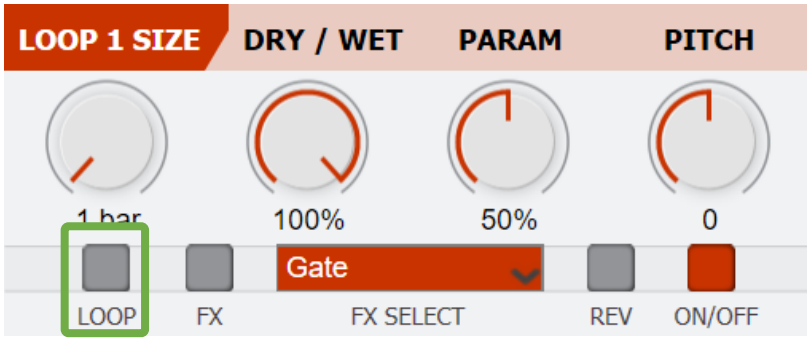
- Ctrl + click + drag/move mouse: the steps are returning to default value.
- Shift + click + drag/move mouse: keeps your sequence changing the values of all the steps.

(Ref: 7. Param Sequencer)

We recommend assigning it to an external controller.
Using a controller allows you to assign parameters and get spontaneity using the InstaLooper3.
You could assign each parameters described below to increase your workflow with the InstaLooper3.
(Ref: 8. Use an external controller)

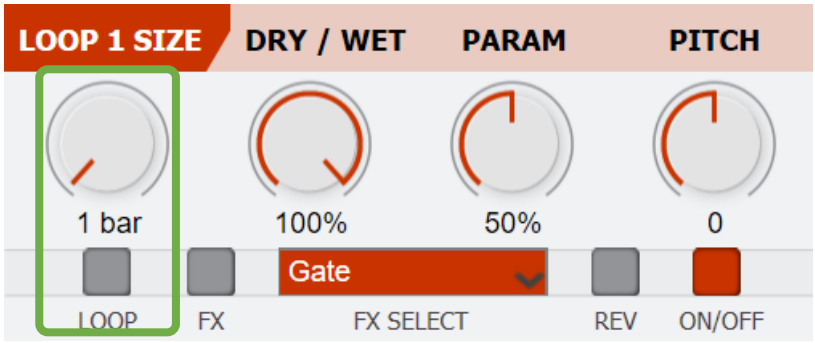
5.Loop Parameters

5.1 Loop on/off



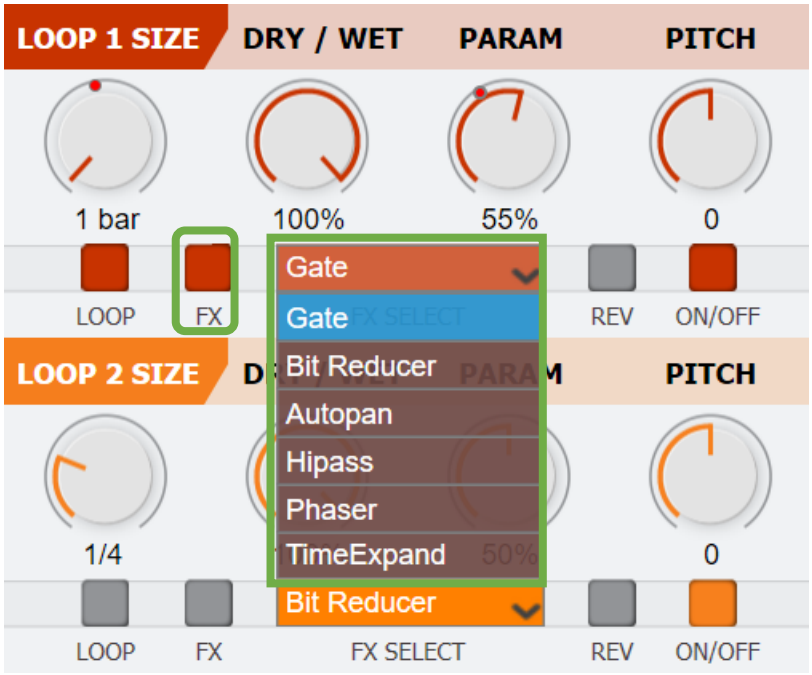
Element	Description
Loop on/off	Left click on the on/off button to activate the loop. The loop function will stay activated if you hold the button. When you release the button, the loop is deactivated. Right click on the on/off button to activate the loop. Right click again to deactivate the loop. *(Ref: 9.1.3 Button mode)*

5.2 Size



Element	Description
Size	This knob defines the Size of the loop: 1 Bar ,1/2, 1/2T, 1/4, 1/4T, 1/8, 1/8T, 1/ 16, 1/16T, 1/32, 1/64, 1/128.

5.3 Select the FX

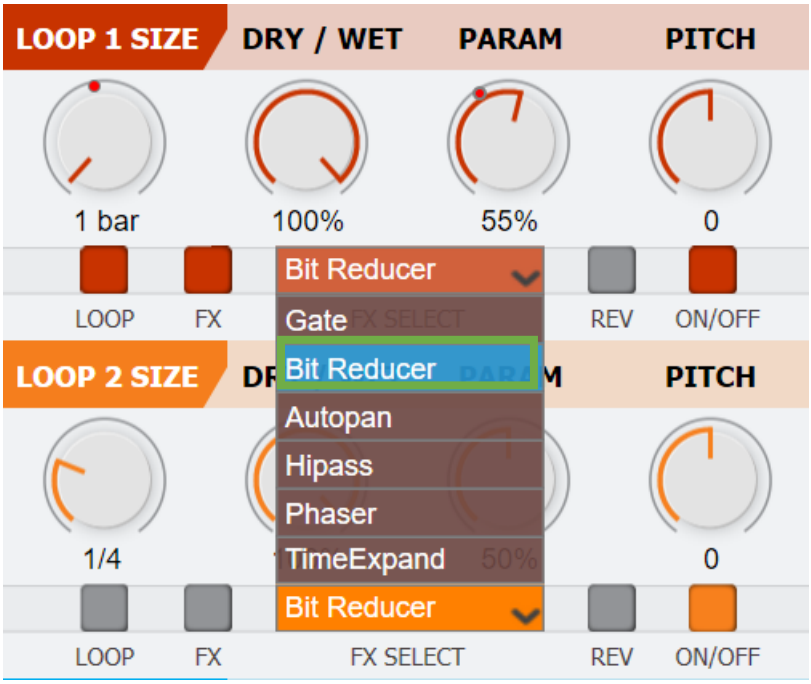


Click on each loop panel to show the FX select menu of selected loop.
Each loop has five integrated FX to choose from.
Click on the drop-down list to open the menu, you can also use the mouse wheel .

Example: loop size is on 1 / 4 activated, the Auto-pan will be fixed on 1 / 4 automatically. If you change the loop size, Autopan range will be affected accordingly.

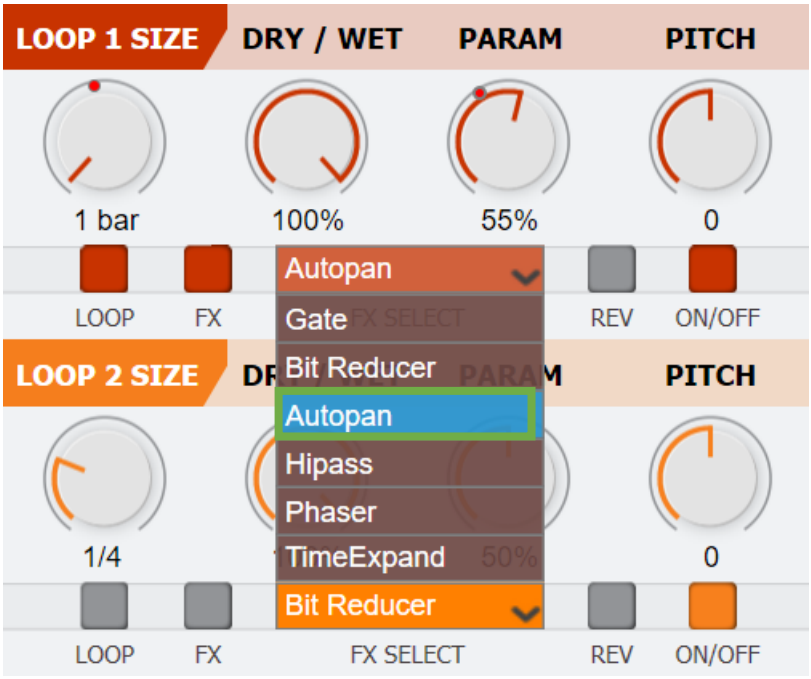
To activate the FX click on the FX button . *(Ref: 9.1.3 Button mode)*

5.3.1 Bit Reducer



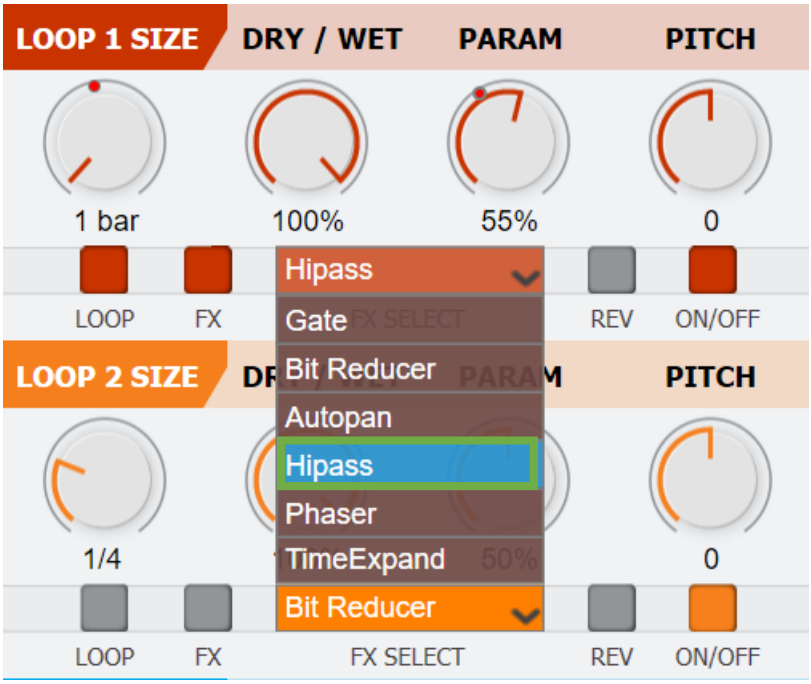
Element	Description
Bit Reducer	This works like a Bit Crusher effect. It reduces the sample rate, from your selected sample rate in your DAW to 2000Hz. The parameter knob at 0 % changes nothing, at 100% you get the maximum sample rate reduction.

5.3.2 Auto-Pan



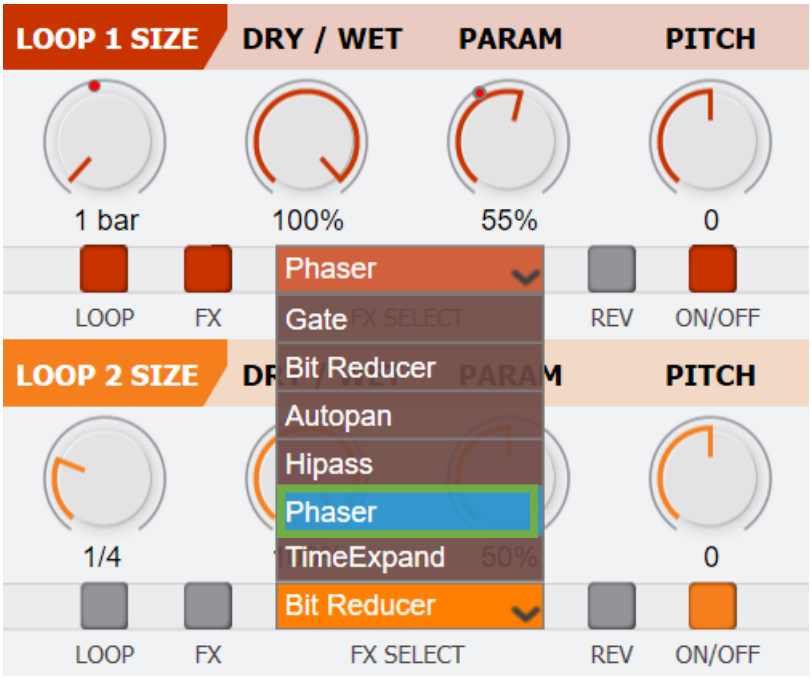
Element	Description
Auto-pan	This is a panoramic effect. The Auto-pan range is synced to the tempo of the host. The parameter changes the rate of the panoramic effect.

5.3.3 Hi-Pass



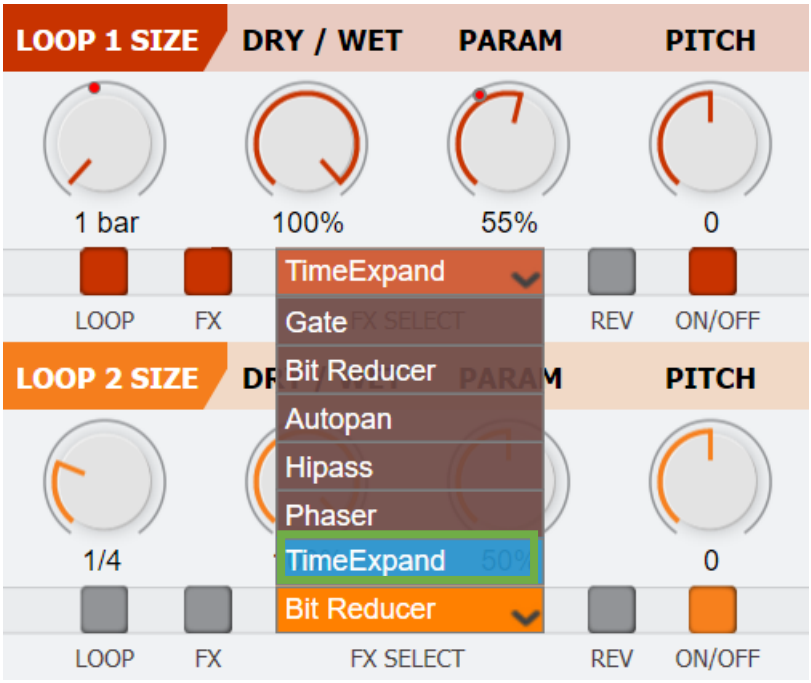
Element	Description
Hi-pass	When enabled, this applies a Hi-pass filter. The parameter changes the cut-off of the filter.

5.3.4 Phaser



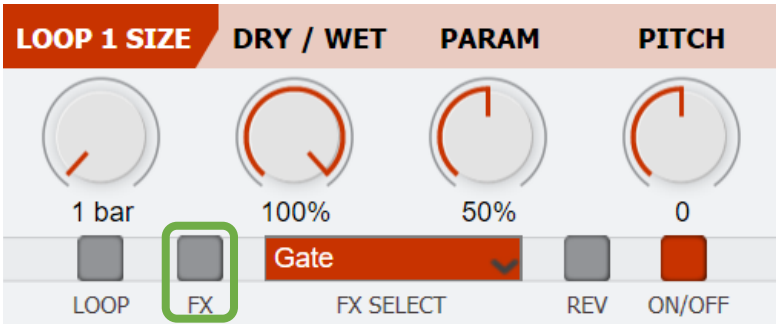
Element	Description
Phaser	When enabled, this applies a phaser effect. The parameter changes the depth of the effect.

5.3.5 Time Expand



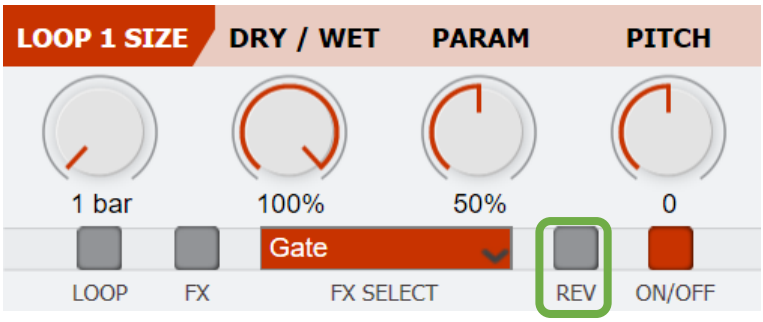
Element	Description
Time Expand	This effect expands the time of your loop without changing the pitch, in the fashion as vintage samplers. The parameter has no effect.

5.4 FX on/off



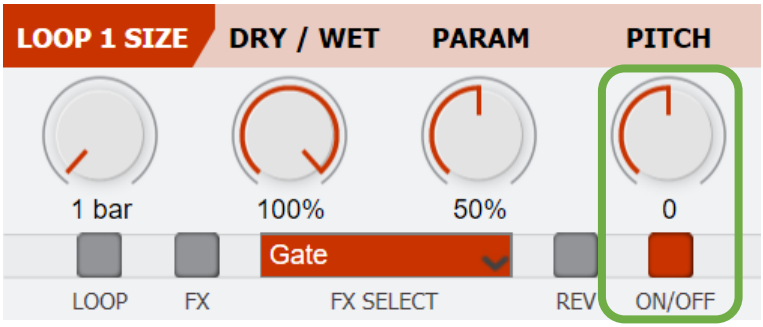
Element	Description
FX on/off	Left click on the on/off button to activate FX. The FX function will stay activated if you hold the button. When you release the button, FX are deactivated. Right click on the on/off button to activate the FX. Right click again to deactivate the FX. *(Ref: 9.1.3 Button mode)*

4.5 Rev



Element	Description
REV	Left click on the on/off button to activate the loop reverse, the reverse function will stay activated as long as you hold the button. When you release the button, the loop is deactivated. Right click on the on/off button to activate the loop reverse. Right click again to deactivate the reverse. *(Ref: 9.1.3 Button mode)*

5.6 Pitch

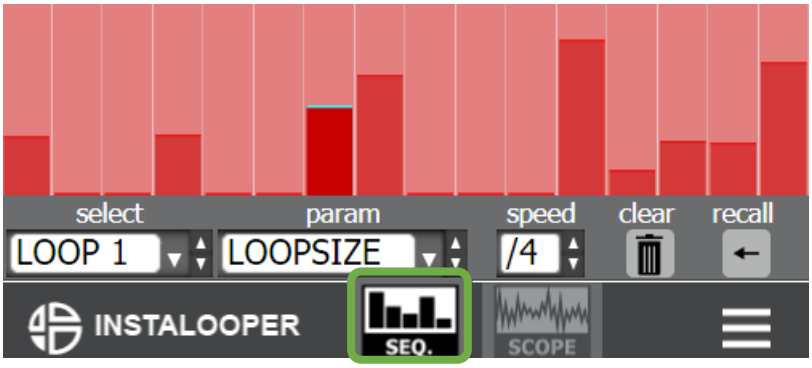


Element	Description
Pitch	This knob defines the speed rate of the loop, it works like a linear pitch. -100 stands for half speed, 0 is the default value, 100 stands for double speed. This effect speeds up or slow down the loop when the "on/off" button is activated.
On	This button is by default activated. When this button is "on", the Pitch knob is activated
Off	When this button is "off" the Pitch knob has no effect.

6. Scope

Scope button: Click this button to switch InstaLooper3 in the “scope mode”.
The “scope mode” allows you to see a waveform of left + right channels in an oscilloscope.

7. Param Sequencer



Sequencer button: Click this button to switch InstaLooper3 in the "sequencer mode".
The "seq. mode" allows you to sequence all the parameters of the InstaLooper3 to pre-program motion sequences of parameters in loops.

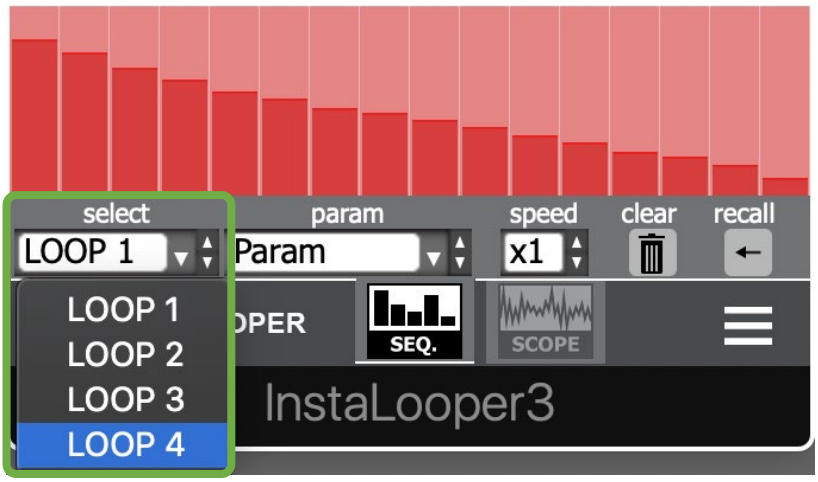
The sequencer is synchronized to the hosts tempo and each step of the sequencer represents the value in percentage of the parameter from 0 to 100%.

On the step sequencer:

- Ctrl + click + drag/move mouse: the steps are returning to default value.
- Shift + click + drag/move mouse: keeps your sequence changing the values of all the steps.
- Double click: sets maximum value of parameter.
- Right click: sets minimum value of parameter.
- Ctrl + shift + click: sets default value of the parameter for the active sequence.

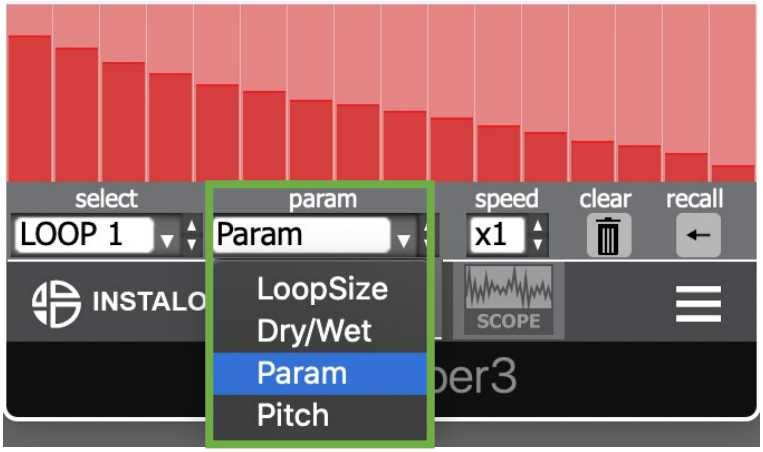
7.1 Sequence Parameters

7.1.1 Select



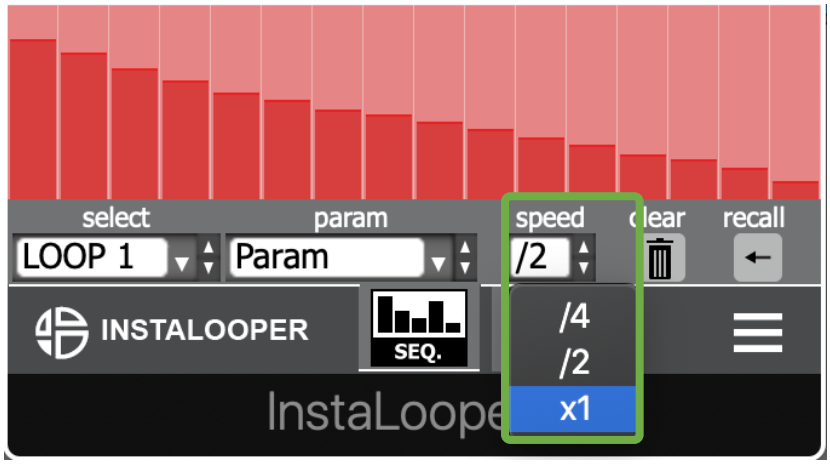
Element	Description
Select	Selects which loop (loop 1, loop 2, loop 3 or loop 4) parameters will appears on the sequencer display. Each loop Get 8 parameters to be modulated.

7.1.2 Param



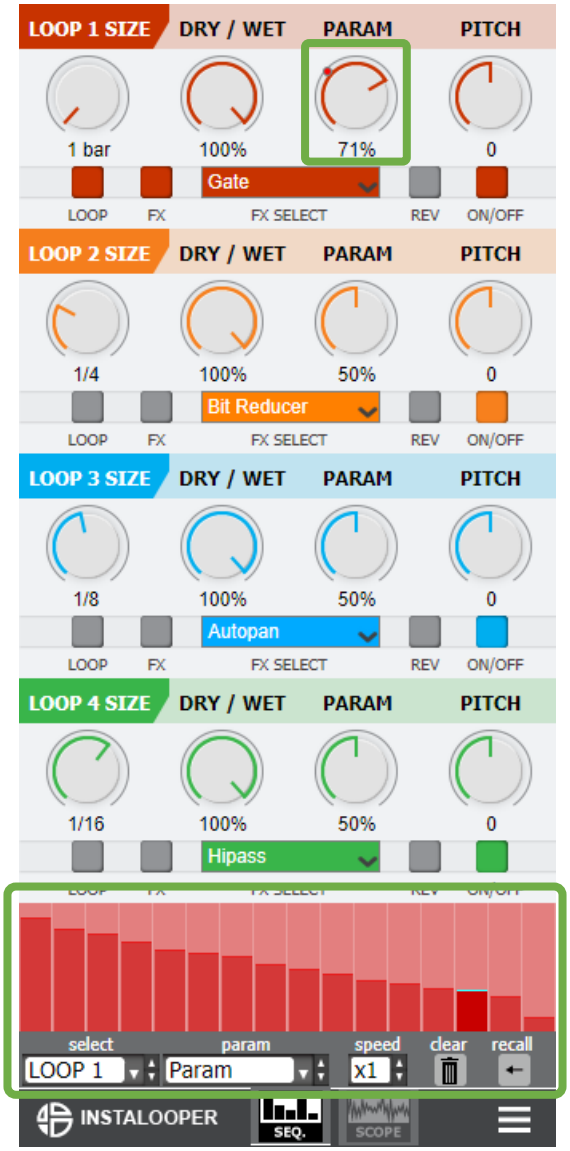
Element	Description
Param	Selects the parameter of the selected loop (here “LOOP 1”) to modulate in the step sequencer.

7.1.3 Speed



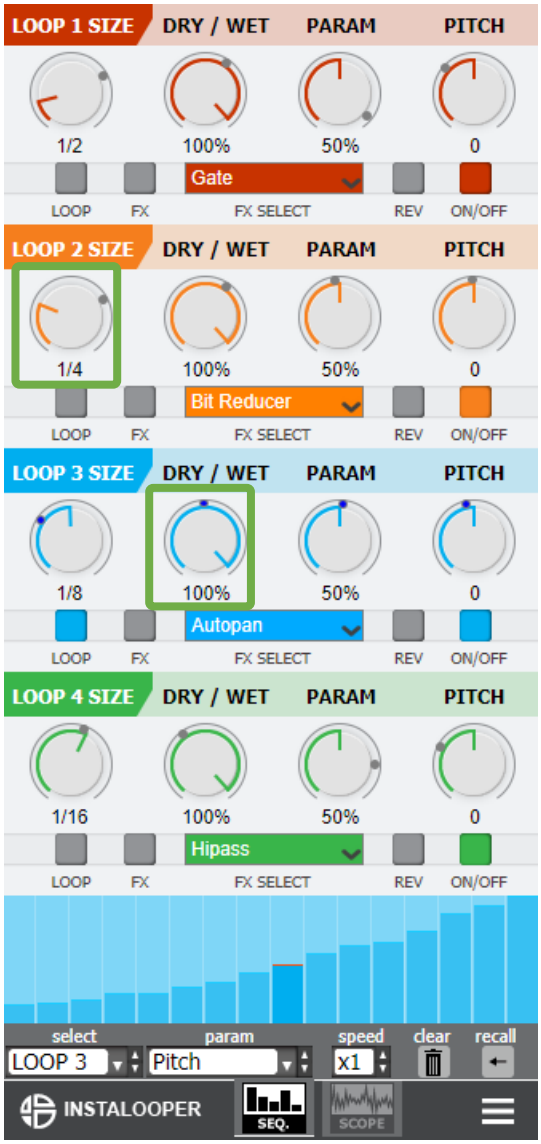
Element	Description
Speed	Allows you to change the param sequencer speed. Each loop can have a different sequencer speed. Example: You are editing a parameter of the "LOOP 1" in the sequencer, if you change the sequencer "speed" "/2", the playing speed of all the parameters of the "LOOP 1" will be played at this selected speed.

7.1.4 Create a parameter sequence



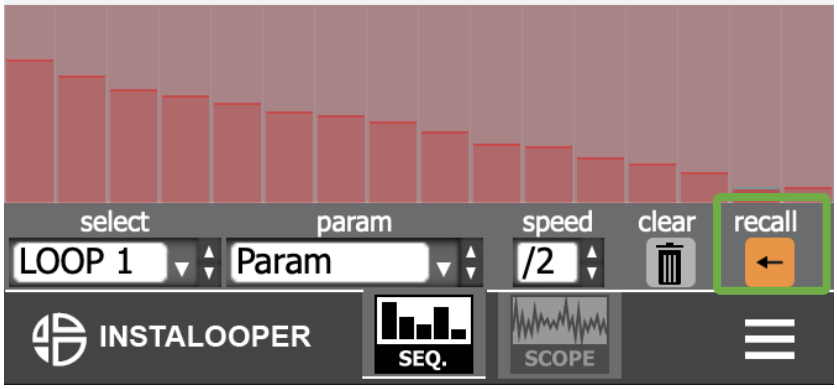
Element	Description
16 Bars parameter Sequencer	Once you selected the parameter to sequence, just click on the bars to create a sequence (you can also use the mouse wheel on each bar to get more precision). The correspondent parameter will be highlighted with a moving LED representing the sequence when the loop is activated. Each bar corresponds at the values of the parameter on each step of the sequencer.

Note: If you already made an automation in the DAW, it takes priority control of the parameters.

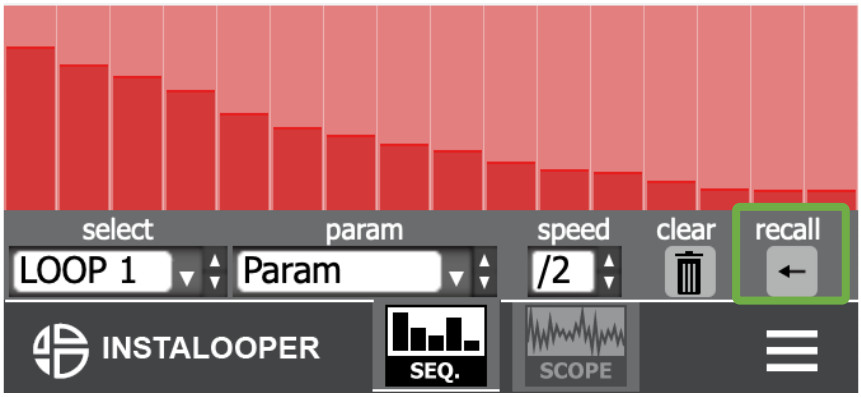


Element	Description
LEDS	When a LED unlighted appears around the knobs, means the parameters are sequenced. Once you activate a loop the LEDs highlights to indicate the sequence is active on loop.

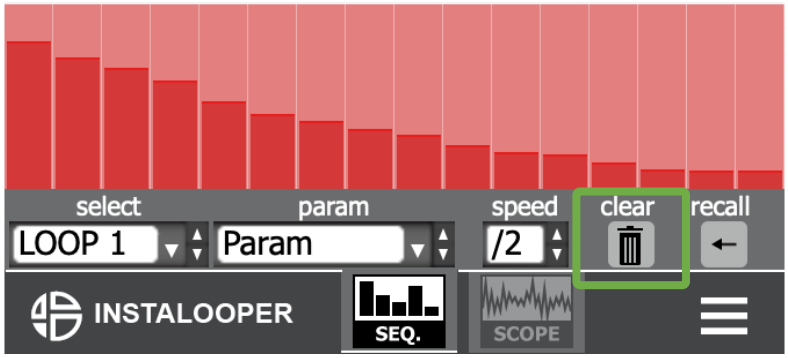
7.1.5 Recall



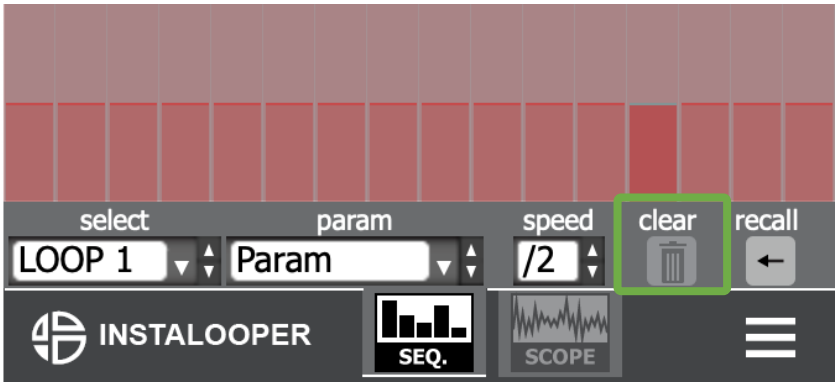
Element	Description
Recall	This button is highlighted when the user takes the control back of the inner sequenced parameter. It reminds you that the current state of the parameter is no more sequenced. You can click on it to reactivate all the sequences of the parameters.



7.1.6 Clear Sequence



Element	Description
Clear	To clear a parameter sequence, click on the clear button to reset the sequence at the default value. The parameter sequencer will be unlighted, and the selected parameter will be no more sequenced. Once pushed the LEDs around parameters disappears.



Note: By pushing clear button, you will clear only the selected parameter

Ctrl + click on clear button: Clears all the sequences made in the sequencer.

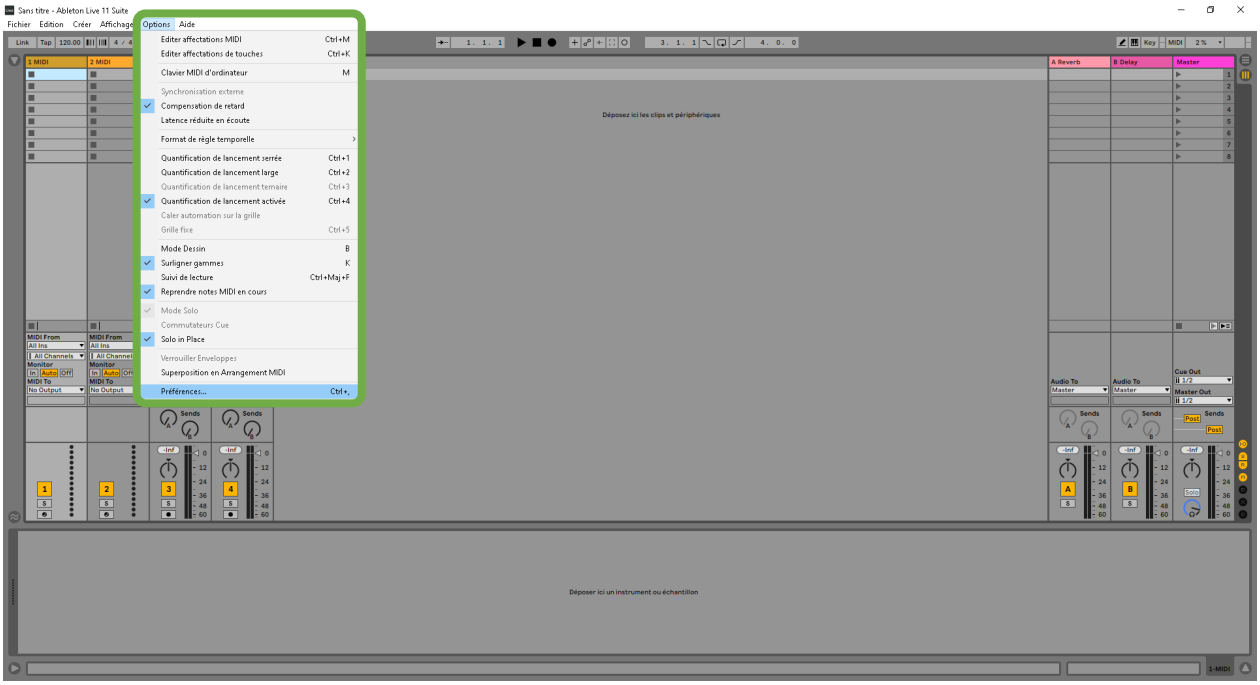
8. Use an external controller

8.1MIDI map

You can assign InstaLooper3 with an external controller in the most popular DAWs easily.
In this chapter we will show you how to do this quickly in the most used DAWs.

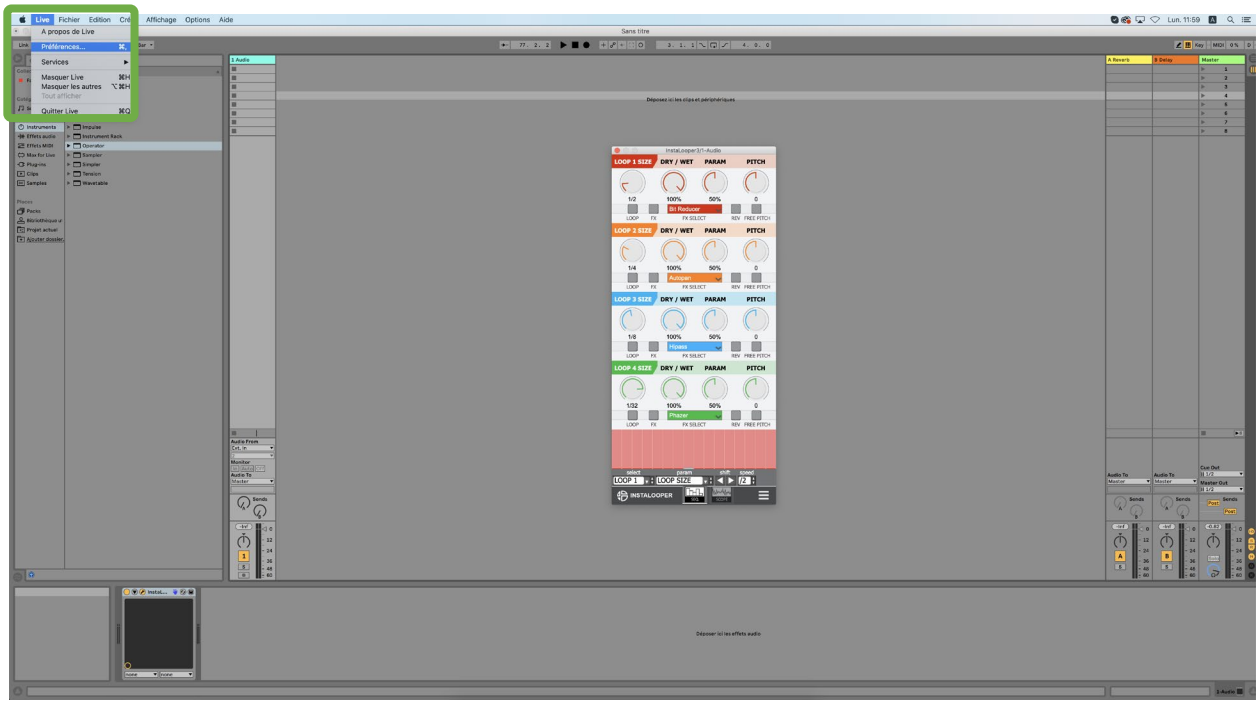
8.1.1 Ableton 10

Windows

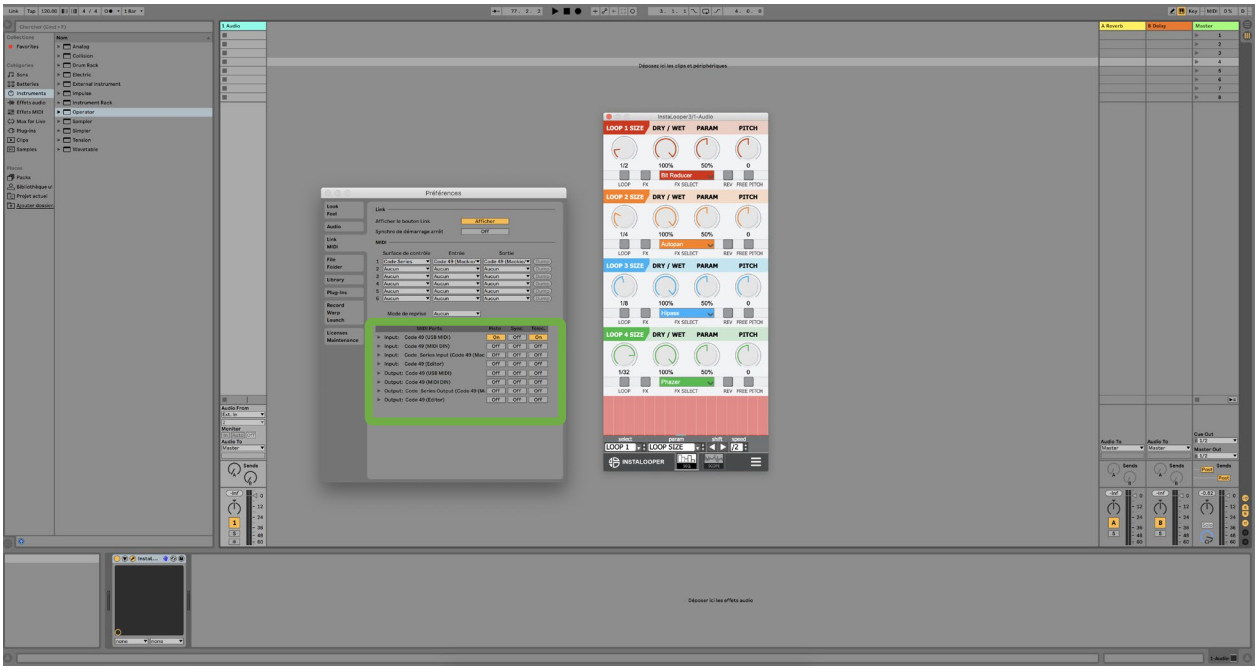


Open the “Options” menu then click preferences to open de Preferences window.

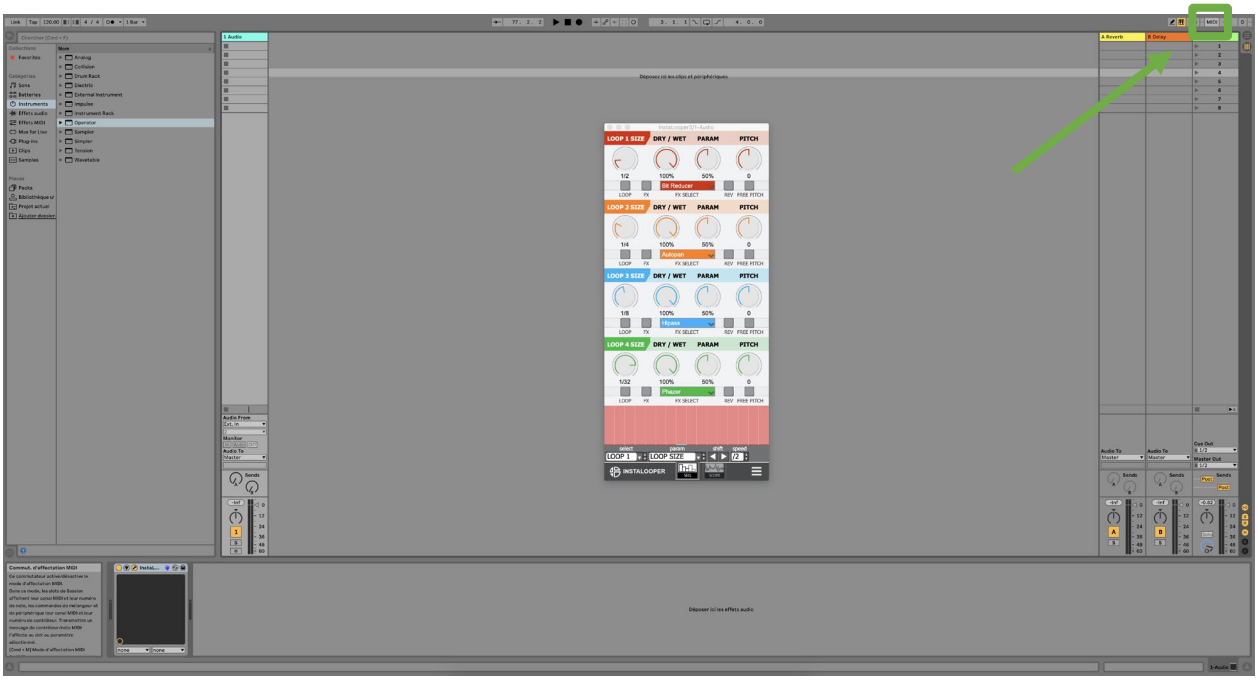
Mac



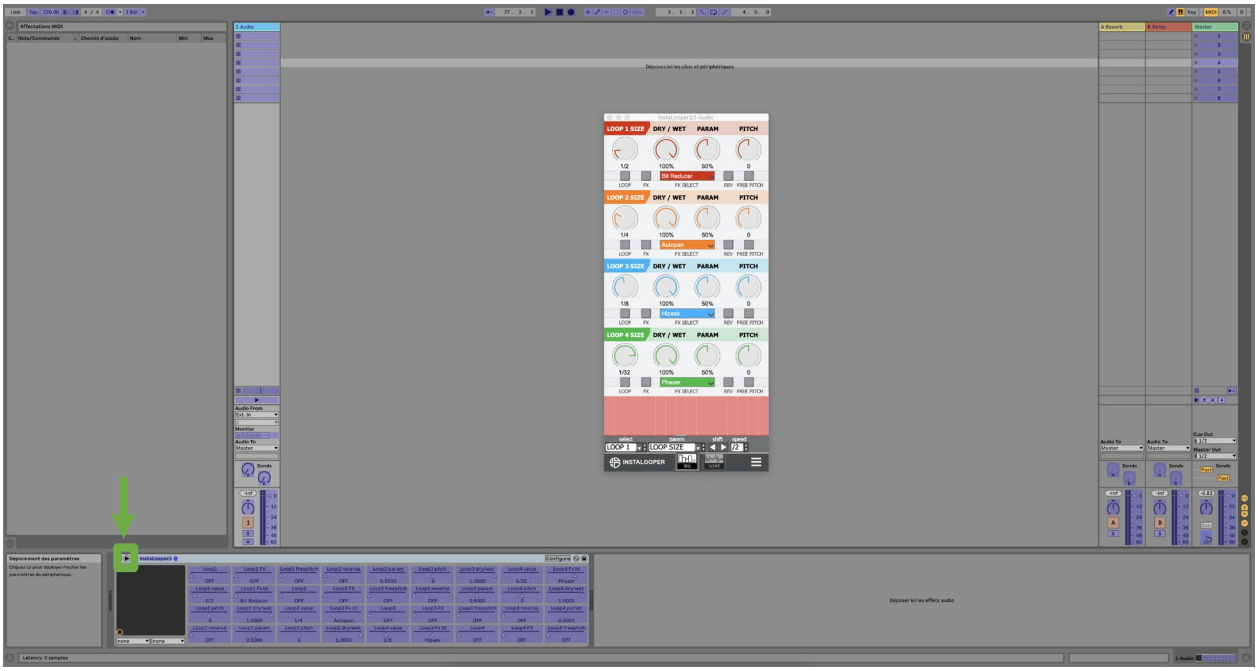
Open the “Live” menu then click preferences to open de Preferences window.



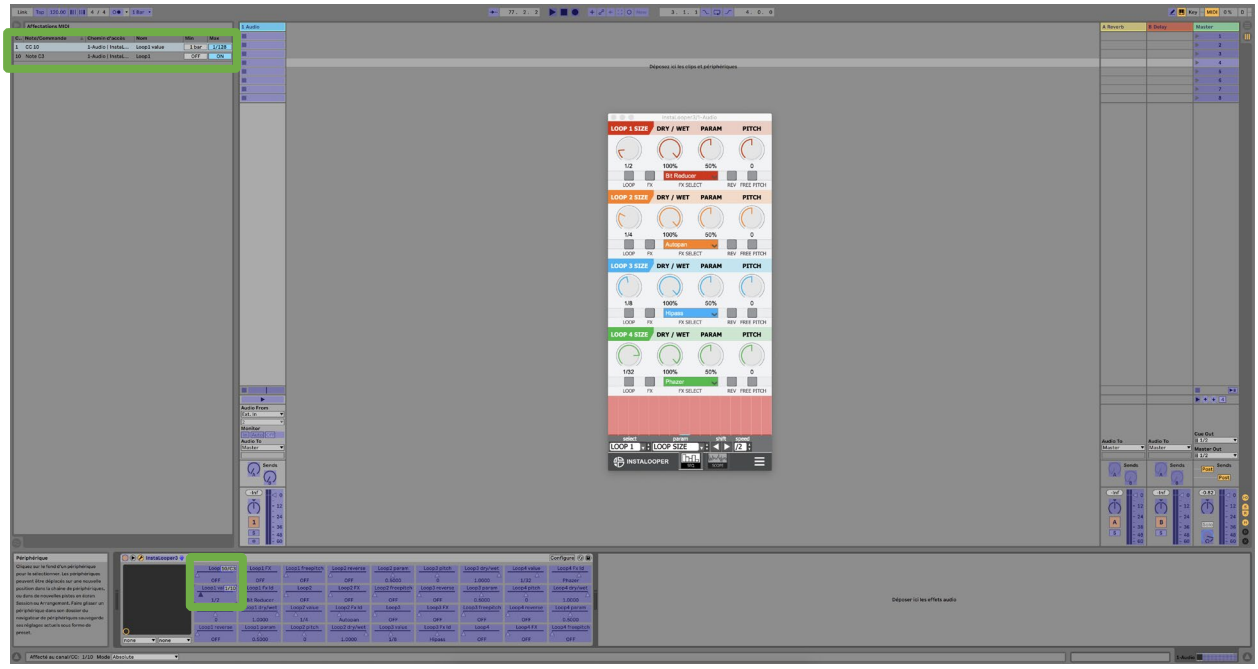
In the MIDI, link tab, activate the track and remote input of your controller.
Then you can close the preference window.



Click the MIDI button to switch on MIDI Map mode



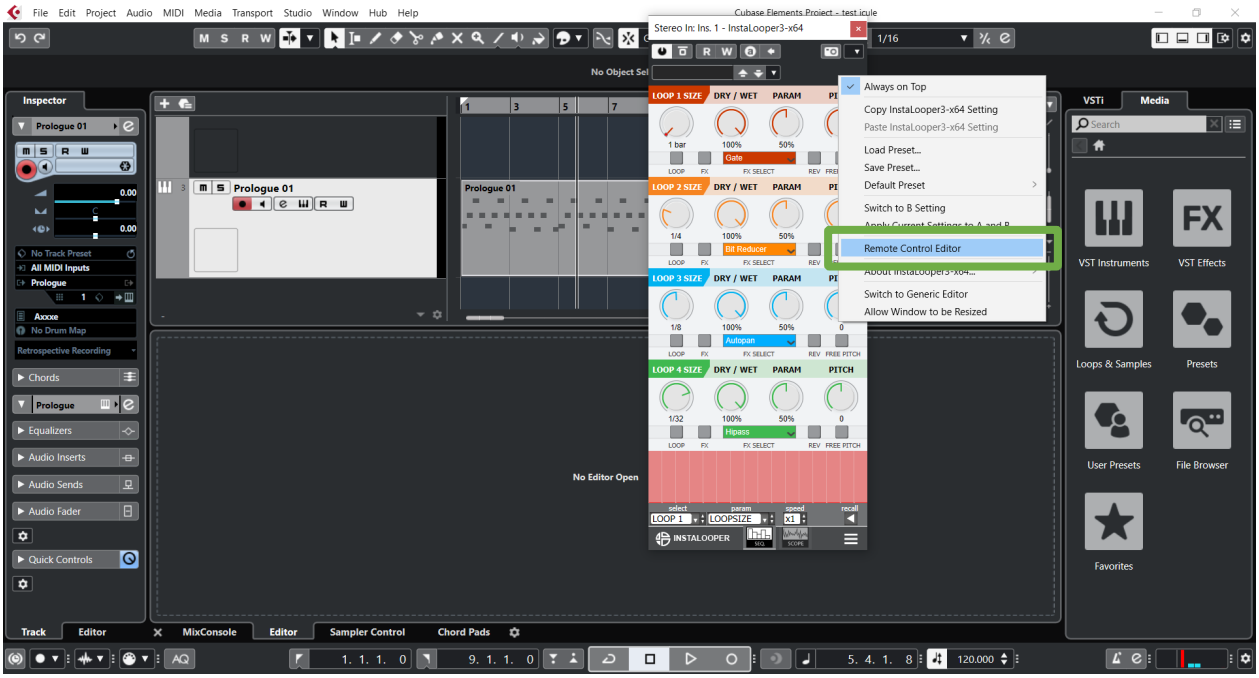
Click the arrow on the plugin view, then the parameters will appear.



Select the parameters you want to assign, click on the parameter, then push a button or turn a knob on your controller to assign the parameter to it.
Once done, exit the MIDI Map Mode.

8.1.2 Cubase

Right click on the knob or push button you want to assign on the plugin user interface.

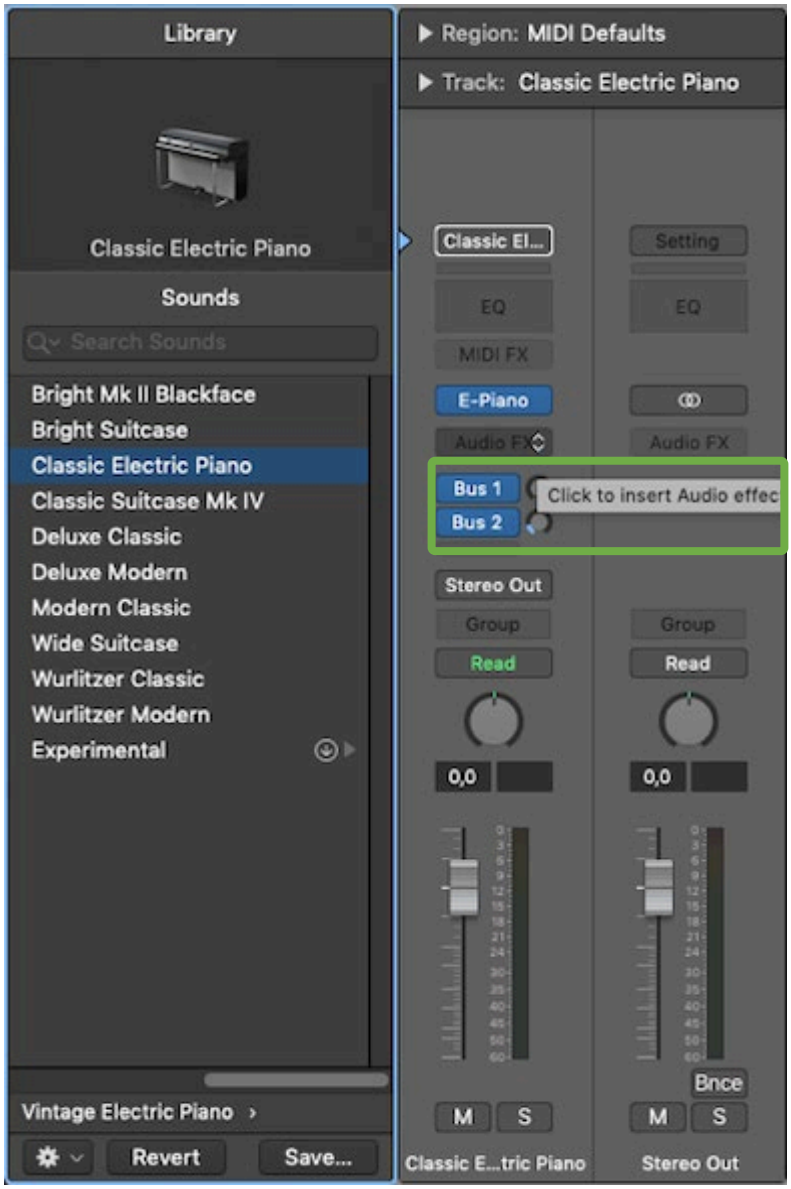


Open menu, select the “Remote Control Editor” field then click.

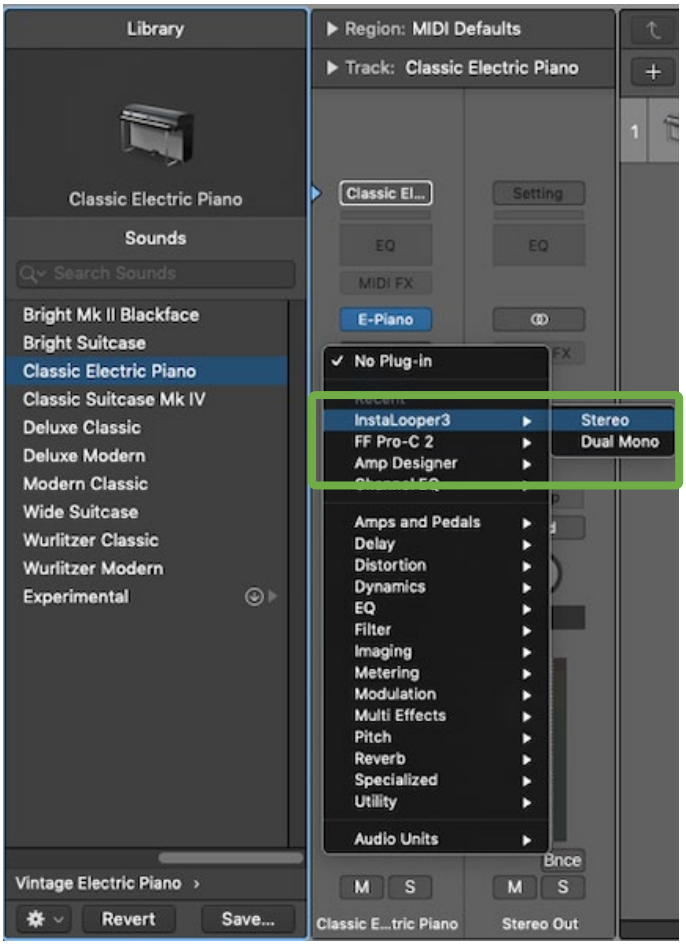
Click on apply (current layout)
and enable MIDI learn.

Select the cell parameter then move your knob or fader of the external controller to assign it to the InstaLooper3.

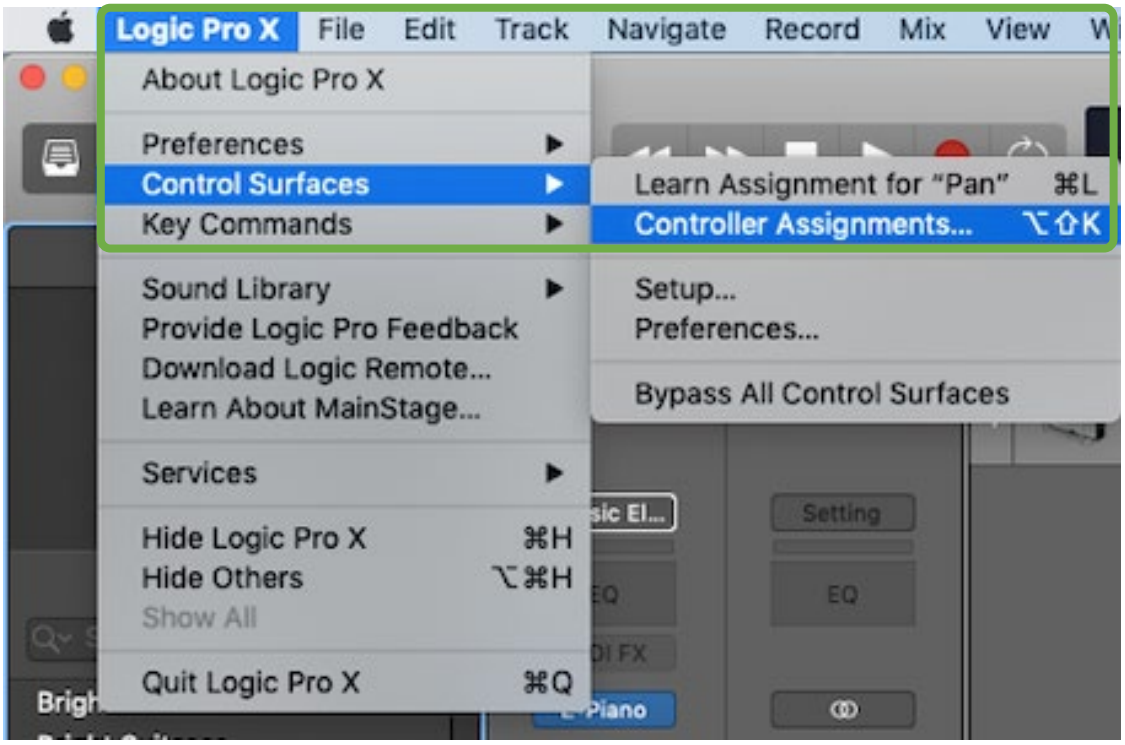
8.1.3 Logic Pro



First, click right on audio FX to select Instalooper3.

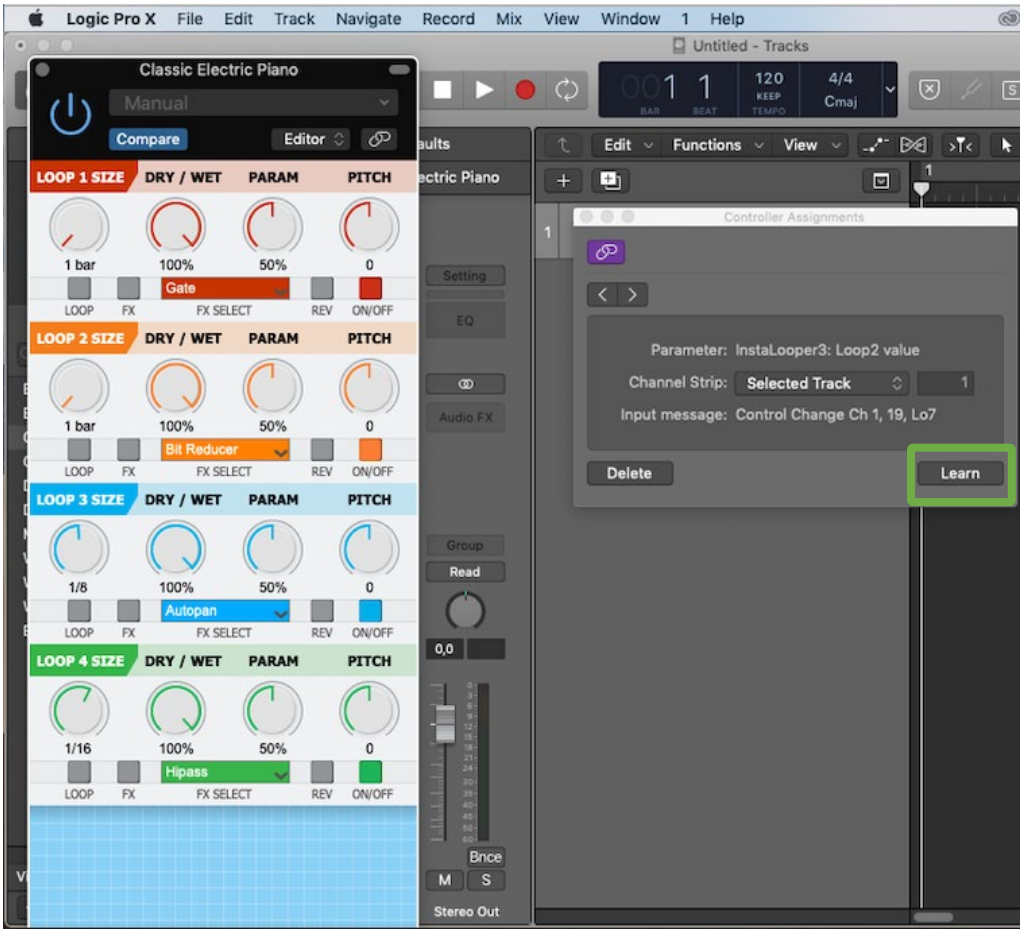


Select the Instalooper3



Go to the Logic Pro X Toolbar and go to Control surfaces, then click on Controller Assignments

The controller assignments window will appear.



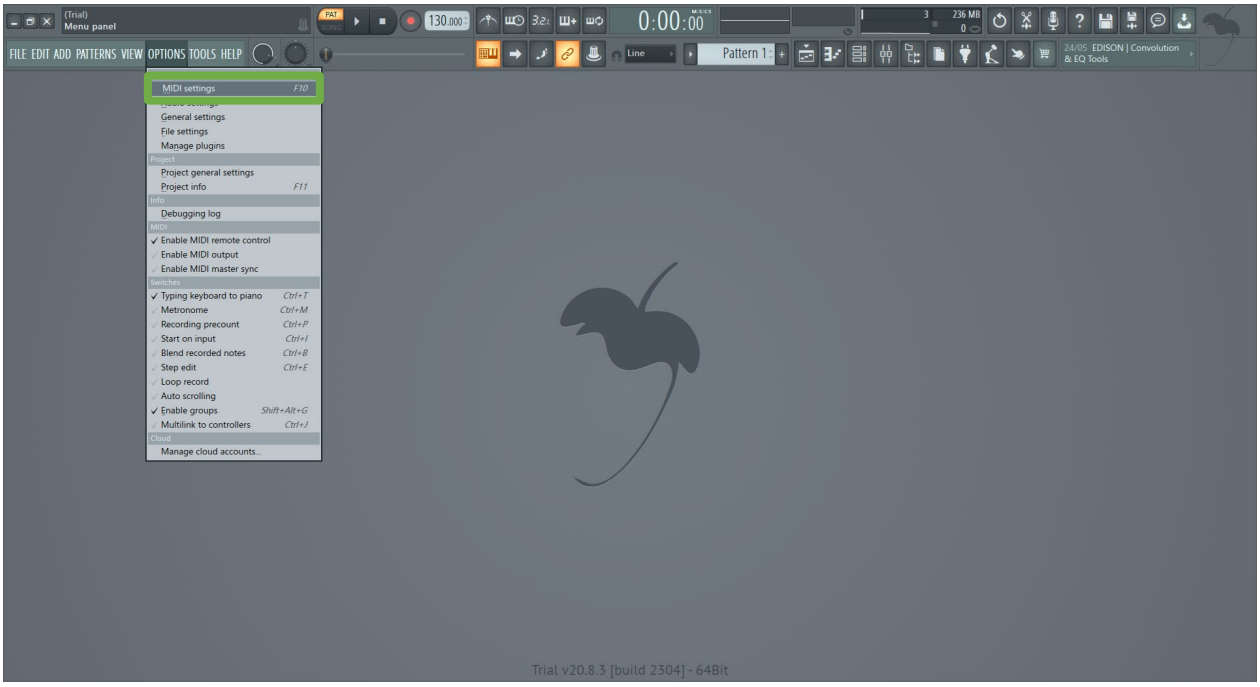
Click on the Instalooper3 button you want to assign

Then click on the LEARN button in the window.

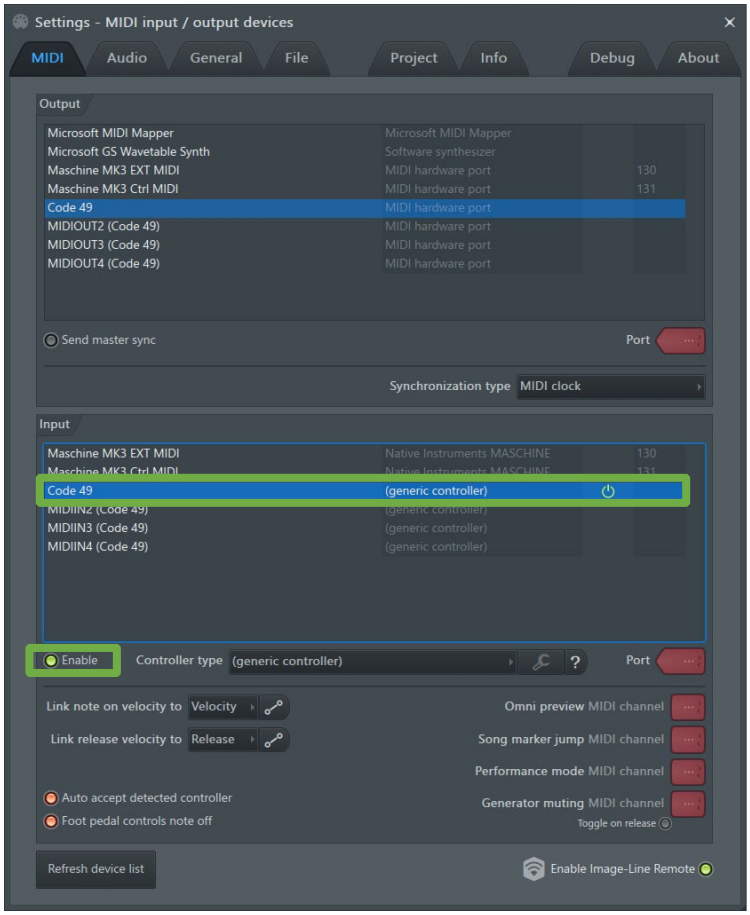
Your knob is now assigned

8.1.4 FL Studio

FL Studio MIDI keyboard setup

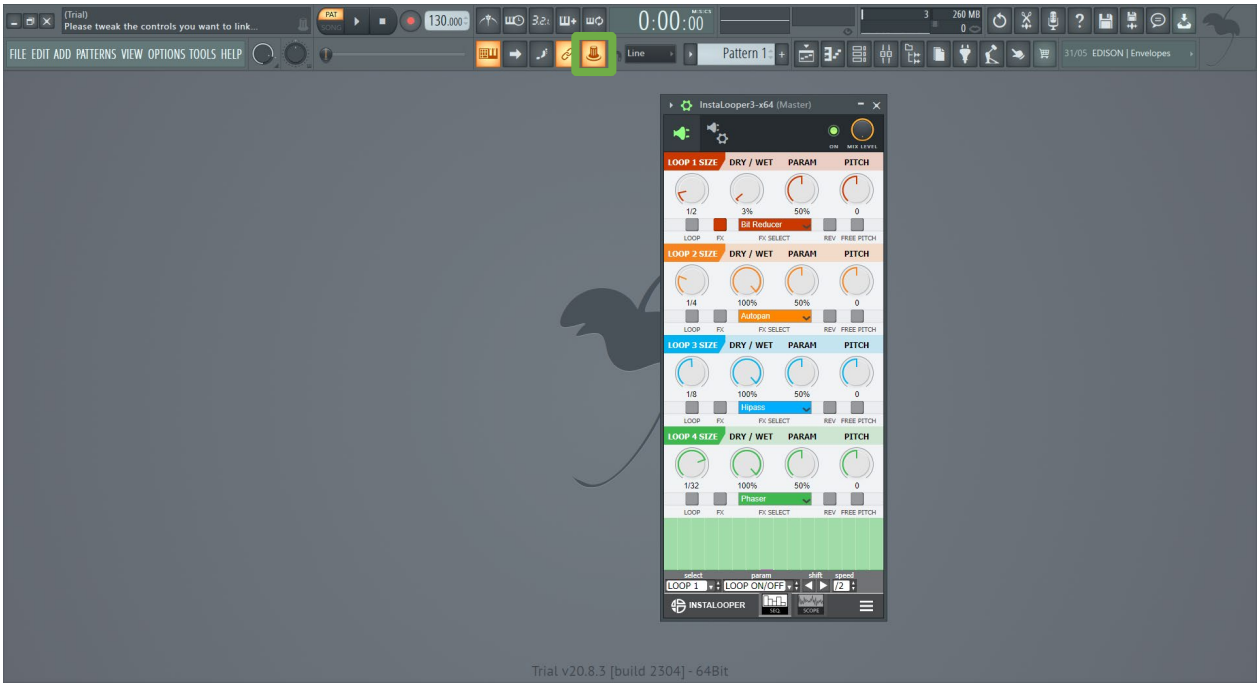


Click the options menu from the top toolbar, then click MIDI Settings.

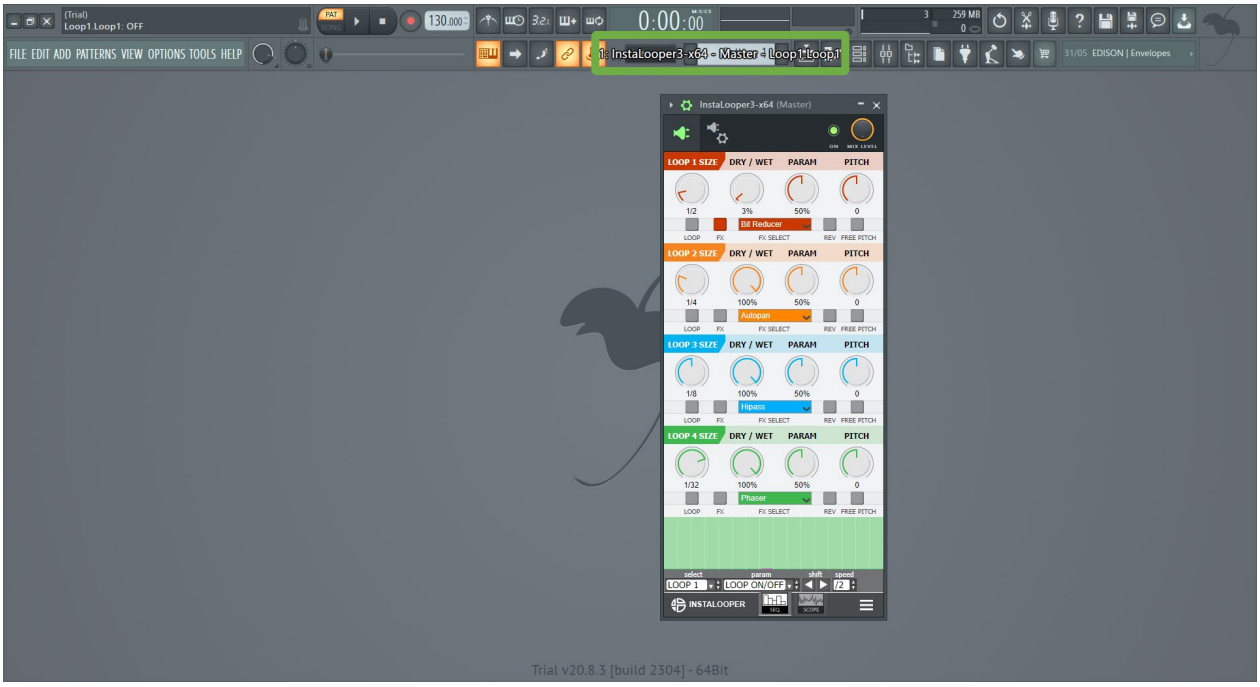


In the MIDI options window, go to the Input settings section.
Select your MIDI keyboard and click Enable.

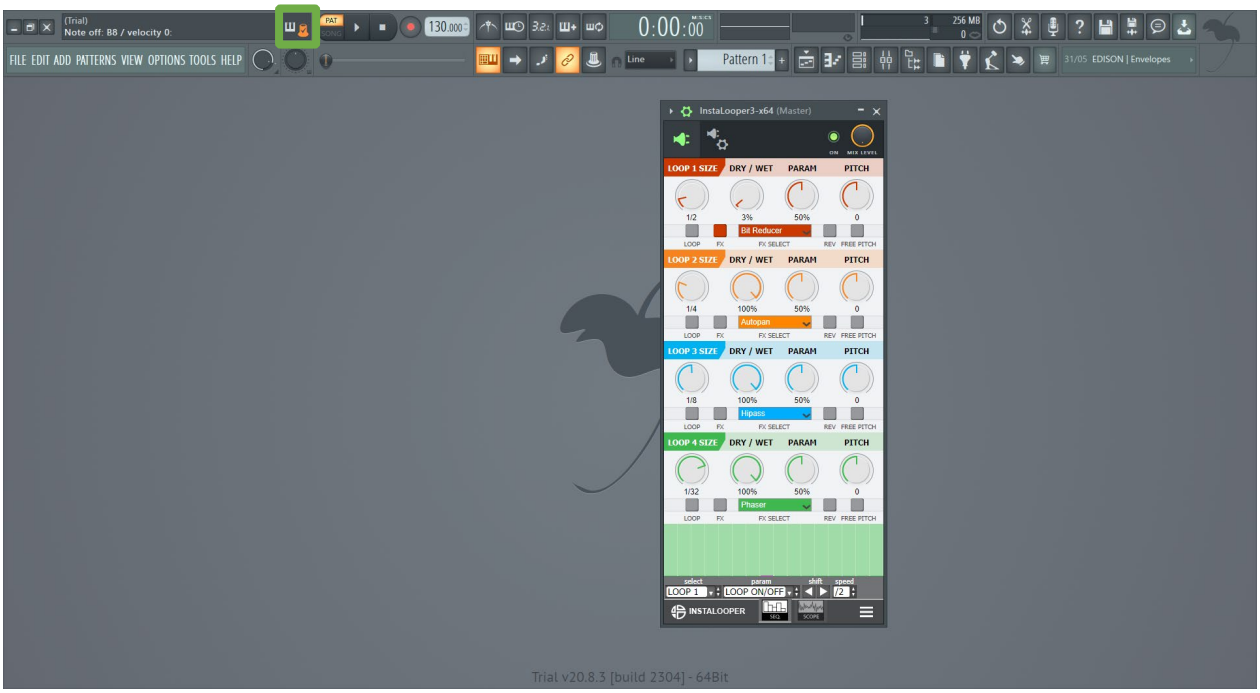
Press a key/pad to confirm you're getting MIDI signal.



Click on the “Multilink to controllers” button or “Ctrl + J” on Windows “command + J” on Mac.
Click on a button or knob you want to activate on the user interface.

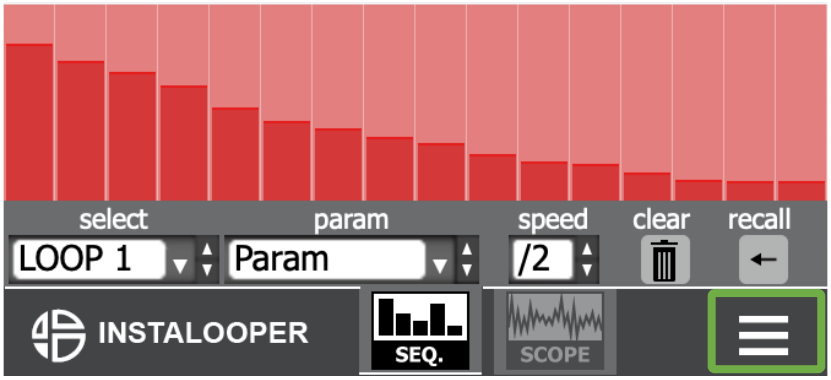


Then move the button or the knob of your controller to assign the selected button or knob you want to control.



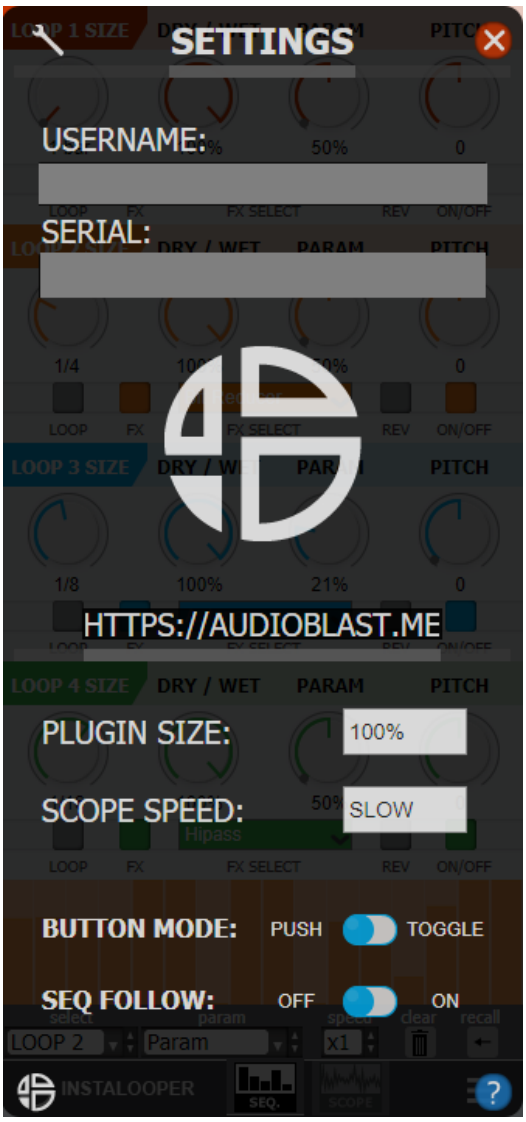
When you move the assigned button or knob on your controller, you should see the “orange knob” icon highlighted on the left top, which means your controller was successfully assigned.

9. Settings



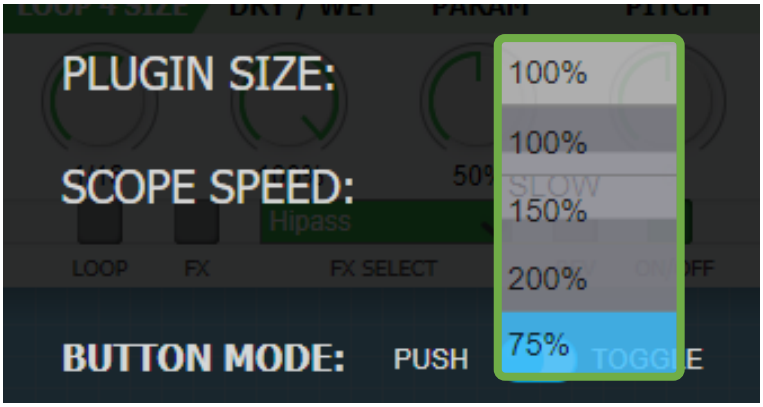
Click on the settings icon to get access to settings view.

9.1 Settings view



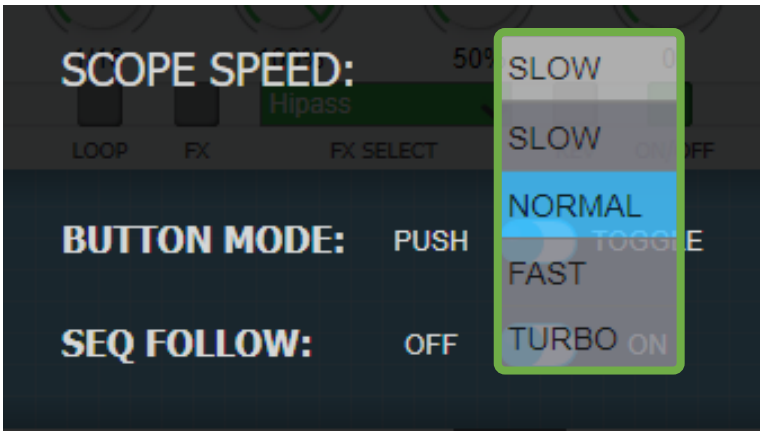
In this view you can modify settings of the plugin.
You get access to plugin size, scope speed, button mode, sequencer follow, and help button.

9.1.1 Plugin size



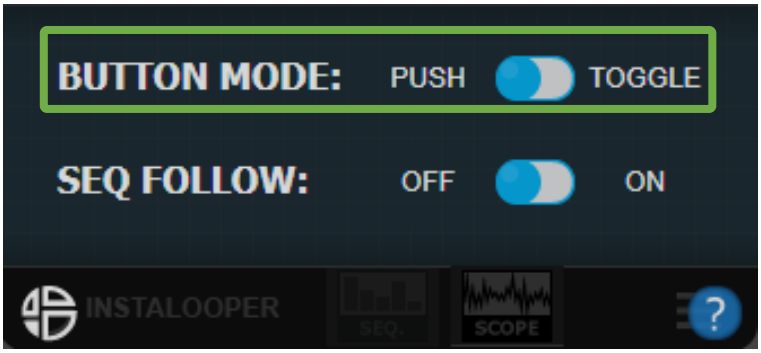
Click on the drop-down list to select one of the 4 sizes: 75 %,100%,150%,200%.

9.1.2 Scope speed



Click on the drop-down list to select once of the 4 speeds: Slow, Normal, Fast, Turbo.

9.1.3 Button mode

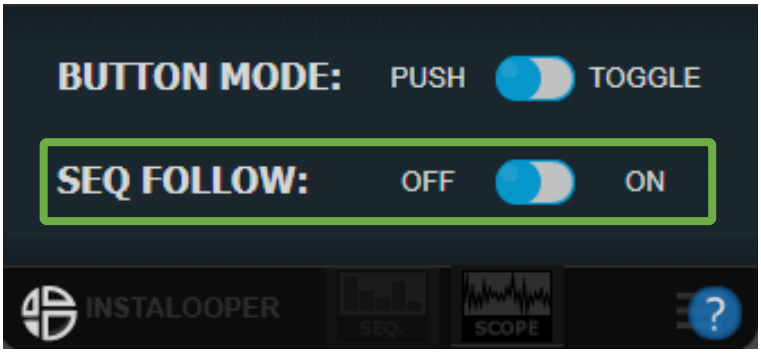


This switch button allows you to select the button mode.
There are two modes: “push” and “toggle”.

- **Push:** When this mode is selected the buttons are activated when you hold the left click, once click released, the button is deactivated.
  In this mode right click has no effect.

- **Toggle:** When this mode is selected, just left click on a button to activate it, left click again to deactivate it. In this mode right click is working like the push mode.
  In this mode you get toggle mode on left click and push mode on right click.

9.1.4 Sequencer follow

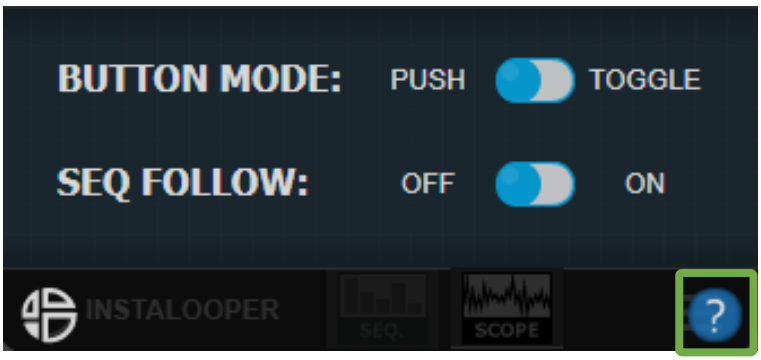


This switch button allows you to select the sequencer follow mode.
There are two modes: “off” and “on”.

- **Off:** When this mode is selected the sequencer display doesn’t follow the activated loop.

- **On:** When this mode is selected the sequencer display follows the activated loop, showing the last edited parameter.

9.1.5 Help



Click on the question mark icon to get fast access to the user manual.