

# Owners Manual



## PITCH DROPOUT

# Hello and Thank you!

Thanks a lot for buying a plug-in from Yum Audio!

We hope that you will have as much fun and creativity using it as we do.

Our mission is to create indispensable tools that stand out from the crowd through quality of sound, performance, and design.

We strongly believe that audio software should inspire you and help to fuel creative endeavors, not complicate them. Most importantly, our plugins should allow you to effortlessly focus on enjoying creating music and sound, so have fun and keep being creative!

This manual will guide you through the plugin and help you integrate it into your audio production arsenal.

If there are things unclear, you can always read our FAQ online and get in touch on [www.yumaudio.com/support](http://www.yumaudio.com/support). We're happy to hear from you and see what you created with our software. Share it on your social media, tag your post with #yumaudio, and we might just share your work!

Now let's get started - have fun and create some tasty productions!

# MANUAL & SYSTEM REQUIREMENTS

## System Requirements:

AAX, VST3, AU versions included

64-bit only (Mac / PC)

Mac OS X 10.11 or higher

Windows 10

At least 4GB of RAM, 16GB is recommended

At least 200MB of free drive space (OS drive)

## This Product is supported by the following DAWs:

Ableton Live 10.1+ (Mac & PC: AU, VST3)

Bitwig 2+ (Mac & PC: AU, VST3)

Cubase 8+ (Mac & PC: VST3)

Digital Performer 10+ (Mac & PC: AU, VST3)

FL Studio 12+ (Mac & PC: VST3)

Garageband 10+ (AU)

Logic Pro 9+ (AU)

Pro Tools 11+ (Mac & PC: AAX)

Presonus Studio One 4+ (Mac & PC: AU, VST3)

Reaper 5+ (Mac & PC: VST3)

Cakewalk by BandLab (PC: VST3)

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# Introducing Pitch Dropout

## WHAT IS IT?

Lofi Pitch Dropout creates subtle to **strong pitch effects** on your incoming audio. Imagine a tape in an old playback system getting stuck and then running faster to catch up, resulting in a nice and soft irregularity in the pitch of your signal. Pitch Dropout allows you to do this from the barely noticeable to the extreme end of the continuum to add an **extra layer of character to your sounds**.



# 1. INSTALLATION

## WINDOWS

We provide distinct installers for Mac and PC. Choose the one for your operating system and open it.

The Yum Audio installer will guide you through the installation and install all relevant plugins on your system.

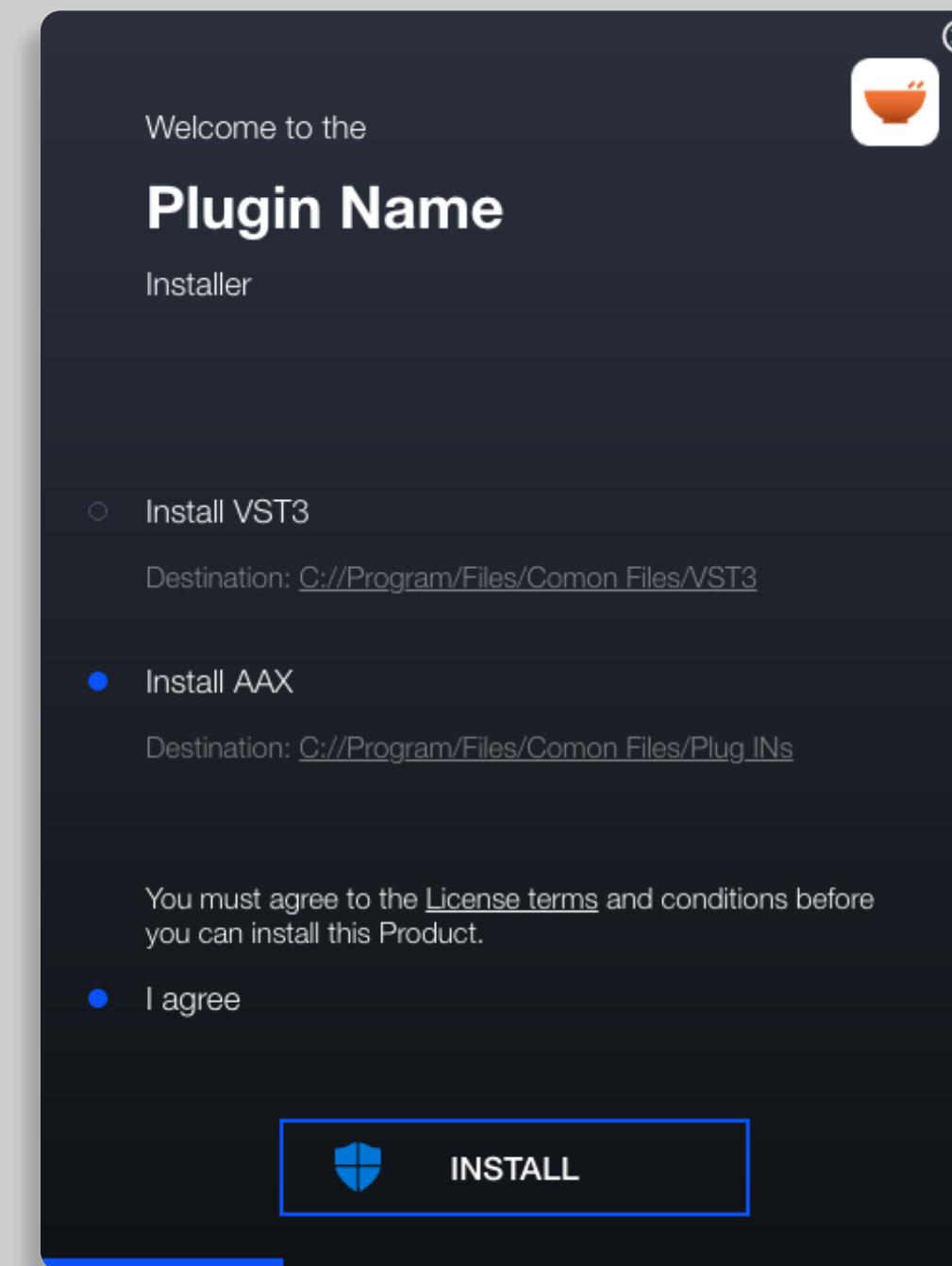
The following plugin types are available for Windows and Mac.

### Windows:

VST3 (64bit) and AAX

### Mac:

VST3 (64bit), AAX and AU



Plugins are installed to the following locations on Windows:

VST3 Plugin:

C:\Program Files\Common Files\VST3

AAX Plugin:

C:\Program Files\Common Files\Avid\Audio\Plug-Ins (AAX)

# 1. INSTALLATION

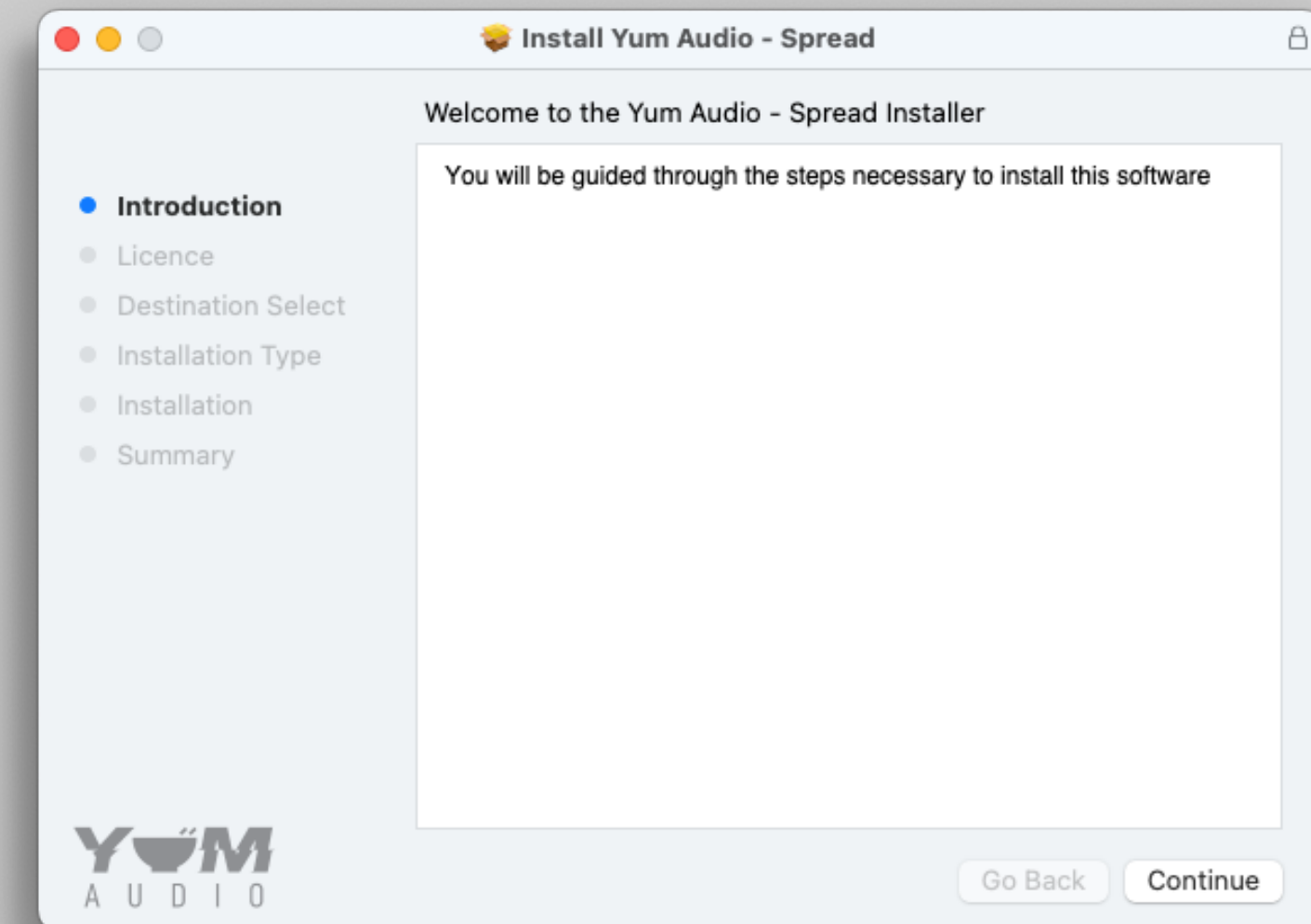
## APPLE MAC

The Mac Installer will automatically install every plugin to the relevant path on your system.

To start the installation on Mac launch the corresponding .pkg file of the plugin installation you downloaded.

This will automatically launch the Yum Audio Installer and guide you through the installation.

Select the plugin types and click Continue to start the installation:



**Plugins are installed to the following locations on Mac:**

AU Plugin:  
/Library/Audio/Plug-Ins/Components

VST3 Plugin:  
/Library/Audio/Plug-Ins/VST3

AAX Plugin:  
/Library/Application Support/Avid/Audio/Plug-Ins

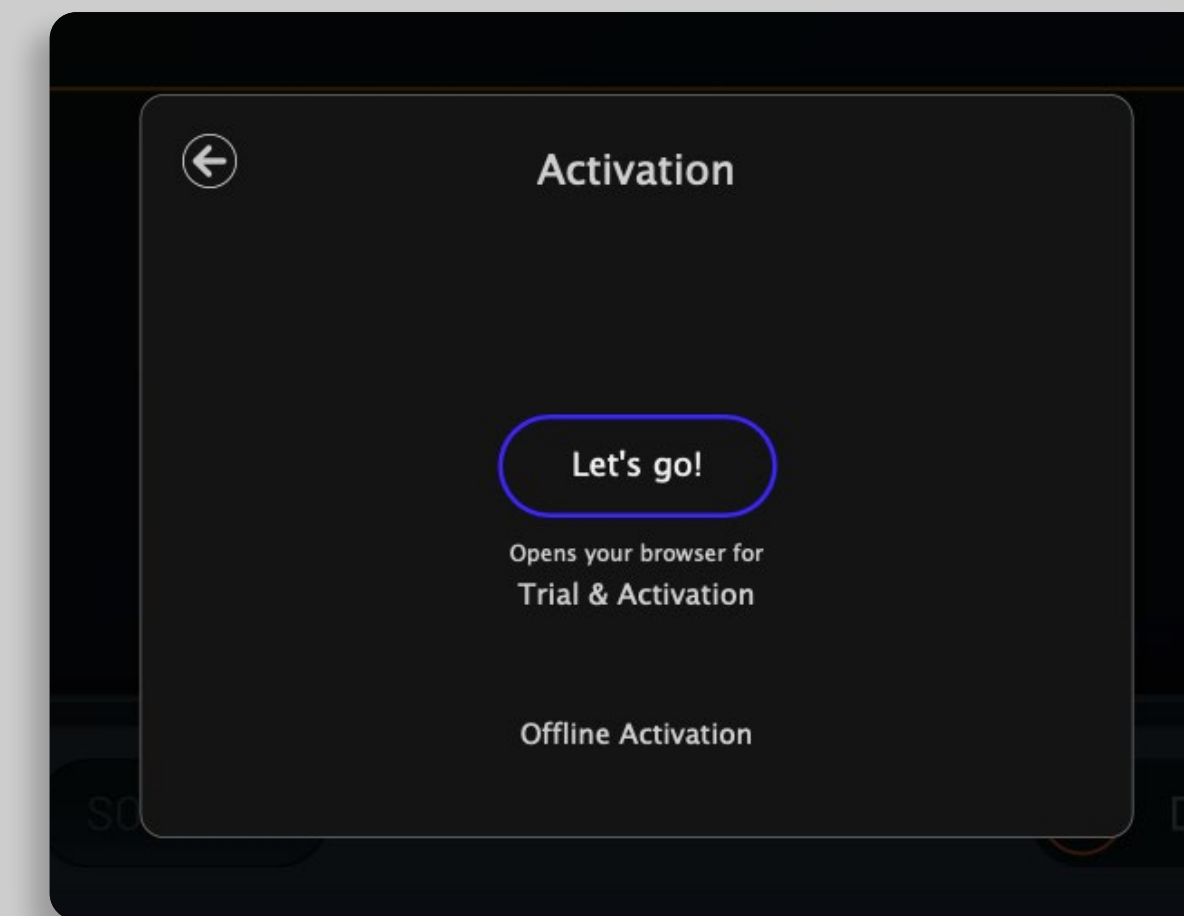
## 1.2 LICENSE ACTIVATION

### Online & Offline

Yum Audio plugins offer online and offline license activation methods as well as license deactivation.

With every purchase you get two activations, which allows you to install a plugin on **two of your workstations at a time. No dongles required!**

On a new installation of a plugin you will be prompted with the login and activation screen. While in trial mode this screen can always be accessed by **clicking on the Yum Audio logo** in the plugins menu .



## 1.2 LICENSE ACTIVATION

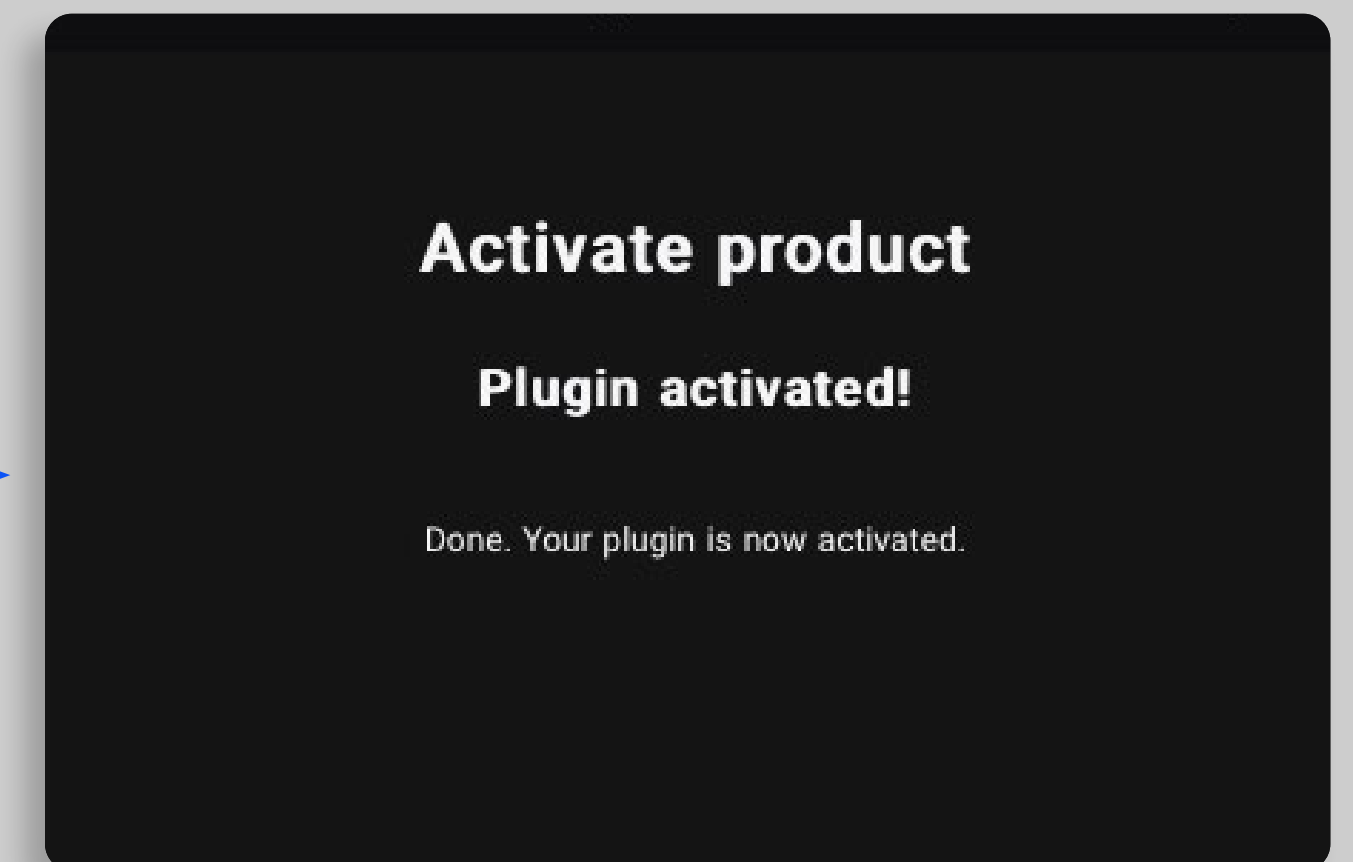
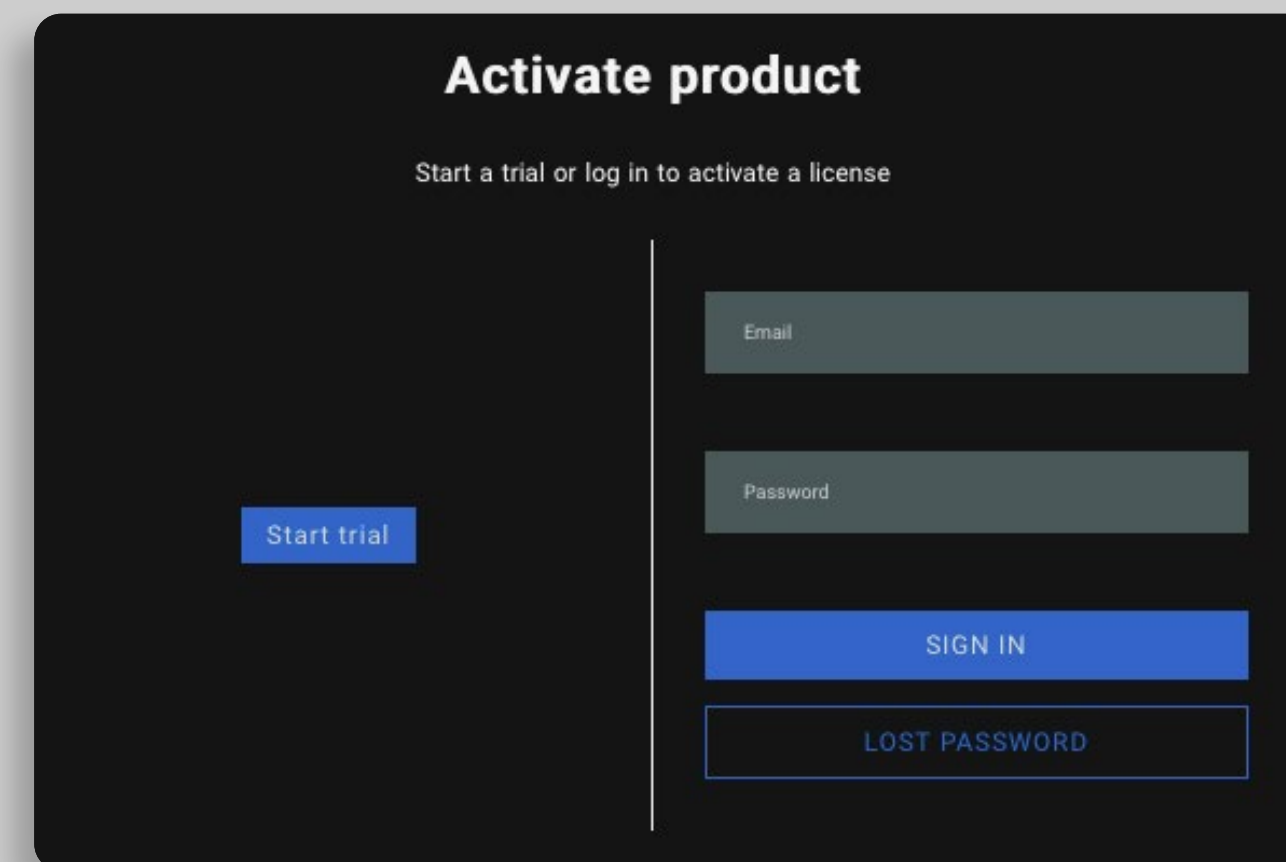
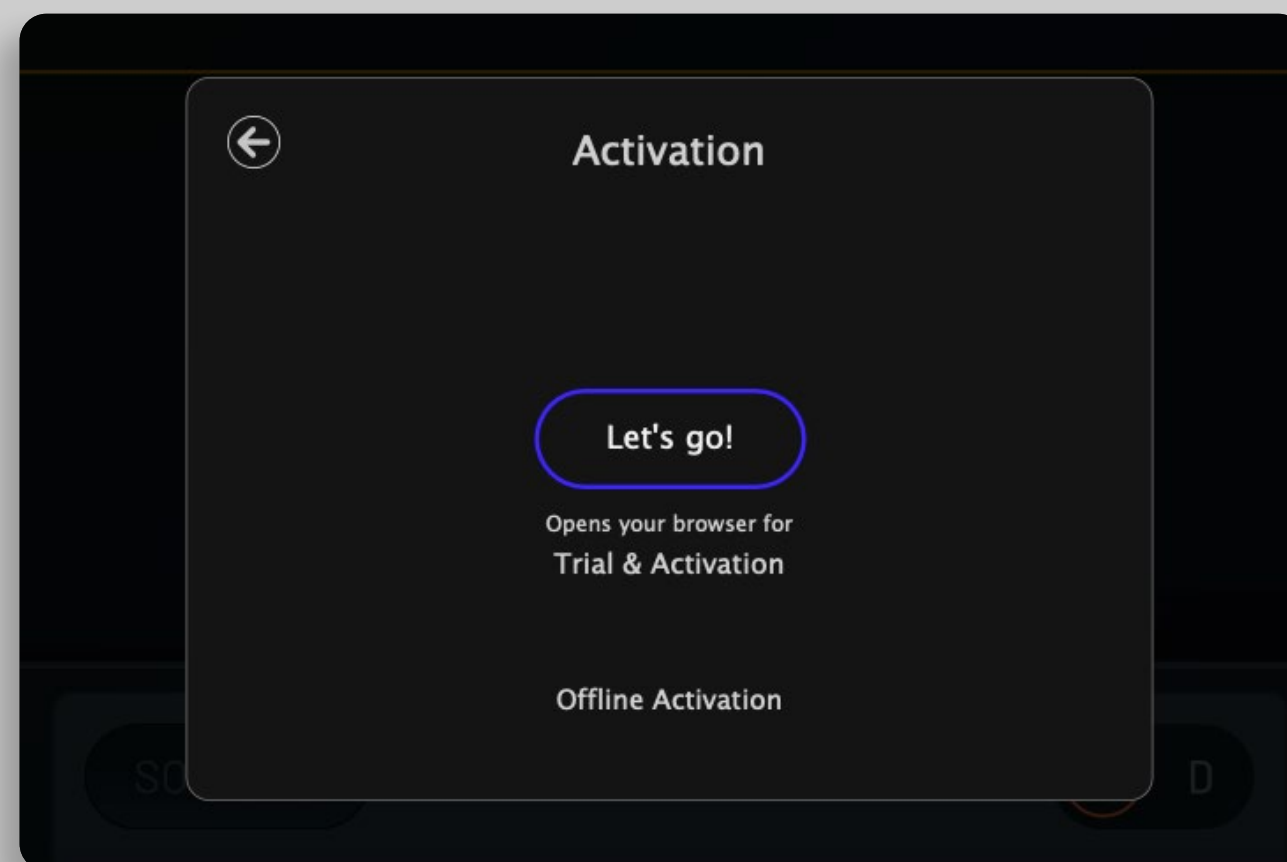
### Online

To start the automatic activation click the **Let's go!** button in the top middle of your activation screen.

This will open your **browser** and direct you to the Yum Audio activate license webpage.

Afterwards the plugin will **activate automatically** and you can return to your DAW and start creating!

If you are not already logged in on the Yum Audio webpage you will have to **enter your Yum Audio login** credentials on the page.



## 1.2 LICENSE ACTIVATION

### Offline



If you have a machine without access to the internet that you would like to activate, choose Offline Activation by clicking on the option below the login button.

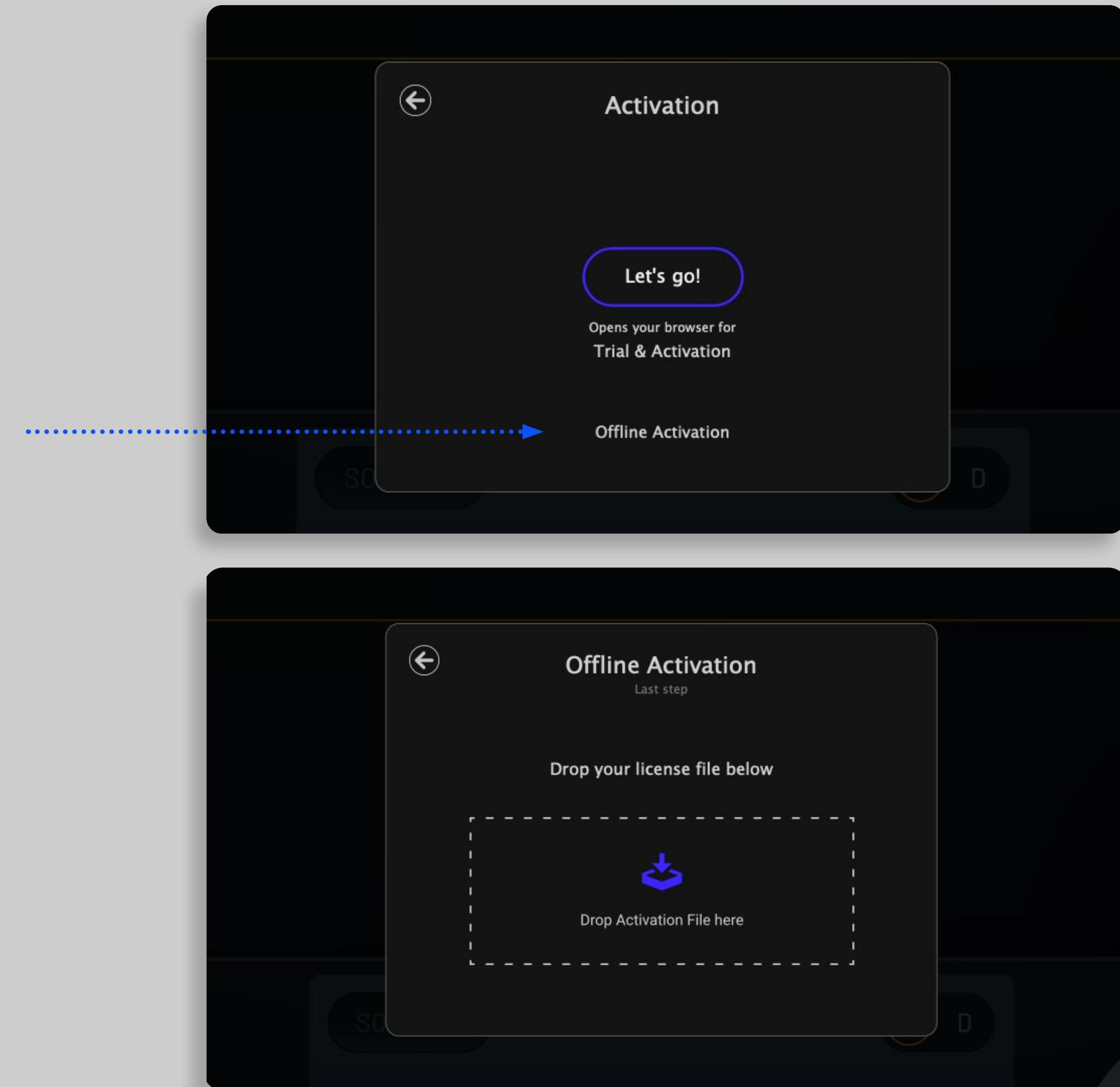
For the activation process generate a file that contains your machine ID by clicking on the [Generate License File](#) button.

Copy this file to a machine with access to the Internet and go to [www.yumaudio.com/activate](http://www.yumaudio.com/activate) to create a license.

You will receive a license file from the webstore that you can select on your offline machine by either **dropping it directly** onto the button with the little arrow or clicking the button and **selecting the file manually**.

This will activate your offline machine with a valid Yum Audio license, and you're ready to use the plugin.

Note that offline activations are **NOT REVOKABLE** and permanently bound to your machine.



## 1.2 LICENSE DEACTIVATION

### Offline & Online

On an activated plugin clicking the Yum Audio logo will show your licence info and an option to deactivate.

You can deactivate a license in any of our plugins with an active Internet connection by clicking the [Deactivate License button](#).

Deactivating a license activated online will [free up one activation](#) on your Yum Audio account and you can [activate the plugin again on another machine right away](#).

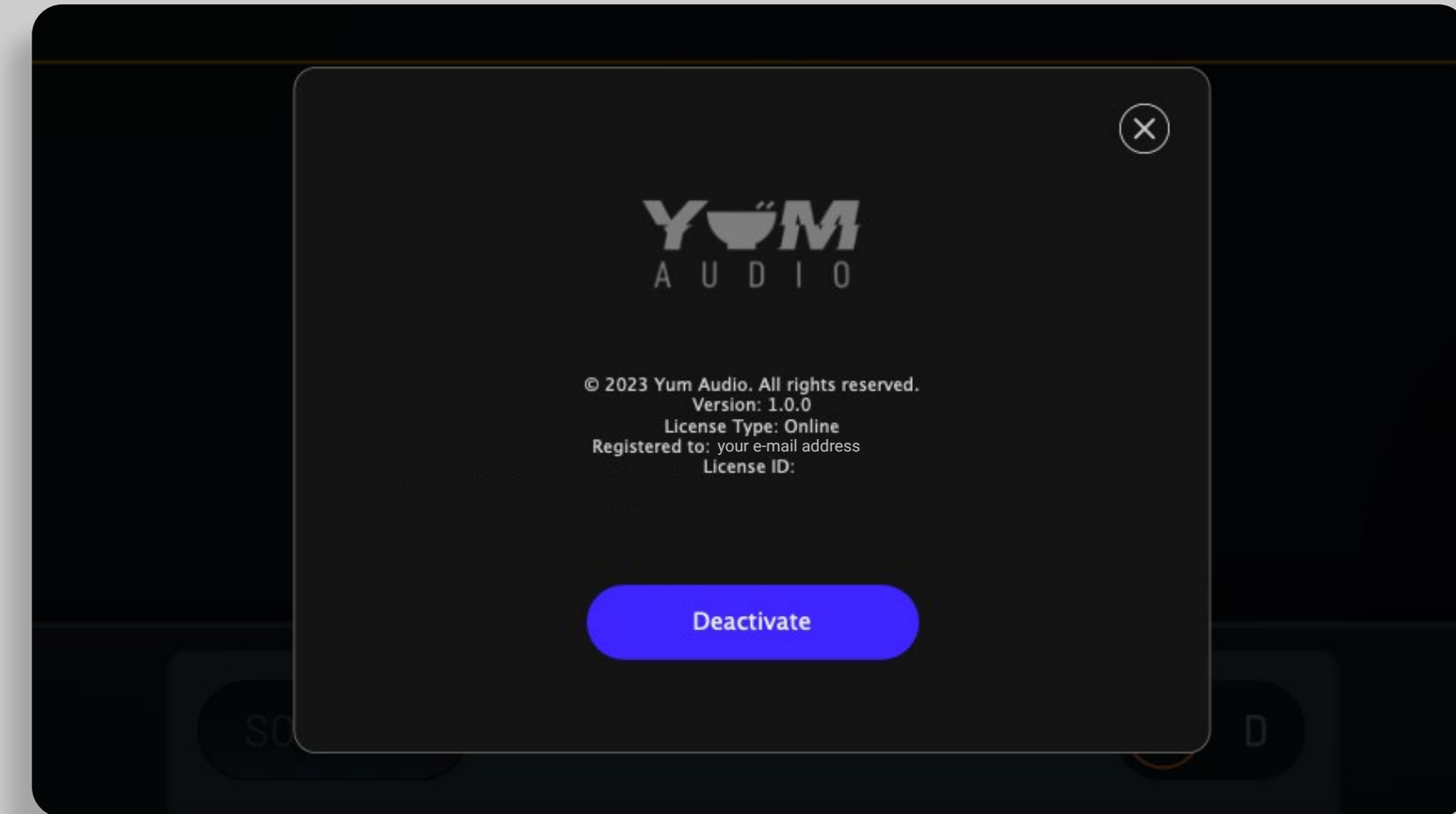
**Important:** no deactivation is allowed for machines activated offline - [every offline activation](#) will [permanently remove one of the activations from your account](#).

### Get more activations for a purchased plugin

Every purchase of a plugin comes with [two activations](#) of the plugin license in your Yum Audio account. Due to the option of deactivation of the online licenses this should have you covered for all of your devices in the future.

If you are a larger studio or academic institution, or if you want to increase your personal license count, this can be done [simply by buying another issue](#) of the plugin from the Yum Audio store.

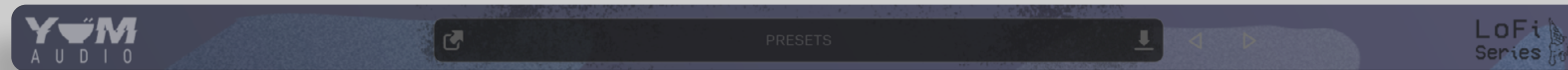
[Every purchase will grant 2 licenses](#) in your account. This way you can easily manage larger studio setups with many machines from a single Yum Audio user account.



## 2. THE MENU BAR

### MENU BAR

The Yum Audio menu bar is shared across all Yum Audio plugins.



The menu bar offers access to global functions of each of our plugins:

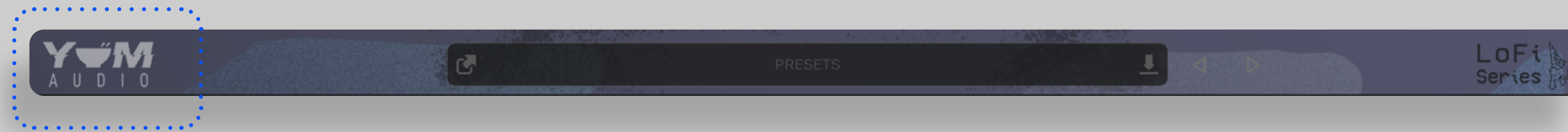
Plugin info & license status

Preset browser, loading, saving and selecting presets

## 2. THE MENU BAR

### PLUGIN INFO & LICENSE STATUS

You can open the plugin info & license status by clicking on the Yum Audio logo in the top left corner of the plugin.



This will open the plugin info window where you can see the version number and the license status of your activation or trial.

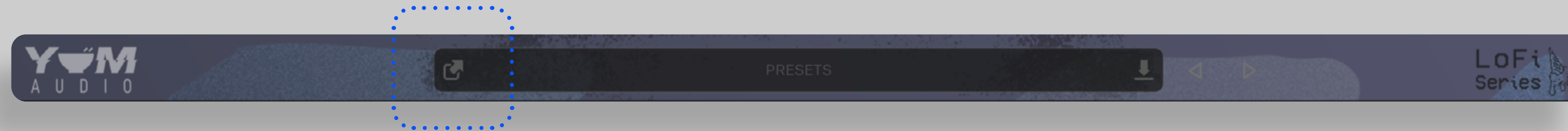
### THE PRESET TAB



All functions that you need to save, load, and maintain your presets are located in the preset tab

## 2. THE MENU BAR

### LOCATE PRESET FOLDER



The Locate Preset Folder button to the left of the preset tab allows you to access presets on your PC or Mac file system. This will open the Finder if you are on a Mac, or File Explorer if you are on Windows. You can reorganize, rename, or sort presets to separate folders. The plugin will automatically update all the changes you make.

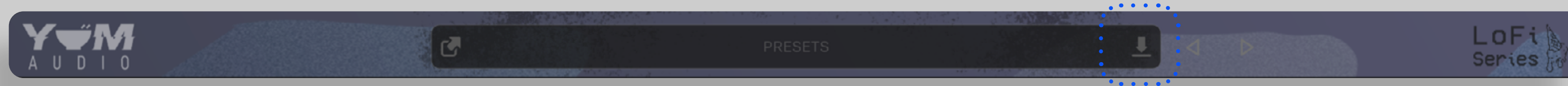
### PRESET NAME



The preset tab shows the name of the currently loaded preset. By clicking anywhere in the tab the Yum Audio preset browser will open.

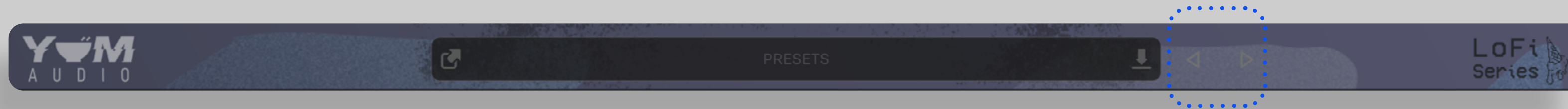
## 2. GLOBAL CONTROLS

### SAVE PRESET



Click on this button to save a new preset of the current plugin state so that you can use it later.

### PRESET SELECTORS



These two arrows will allow you to instantly switch to the previous or next preset in alphabetical order.



Each of our Plugins has its own Logo as part of the Interface on the right-side of the Menu bar. Clicking on the Logo will open the respective **Manual for each Plugin**.

## 2. THE PRESET BROWSER

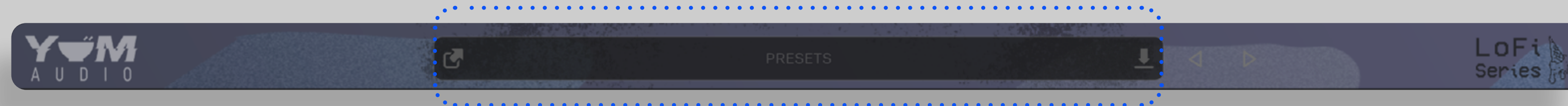
The preset browser is at the heart of every Yum Audio plugin and allows instant access to all your Yum Audio presets.

### THE PRESET BROWSER

You can open the preset browser by clicking on the preset tab in the menu bar.

In the preset browser you will see all factory and user presets of the loaded plugin.

Alternatively, the preset browser can be closed by clicking on the close button in the upper right corner, the preset tab in the menu bar or any empty space in the menu bar.

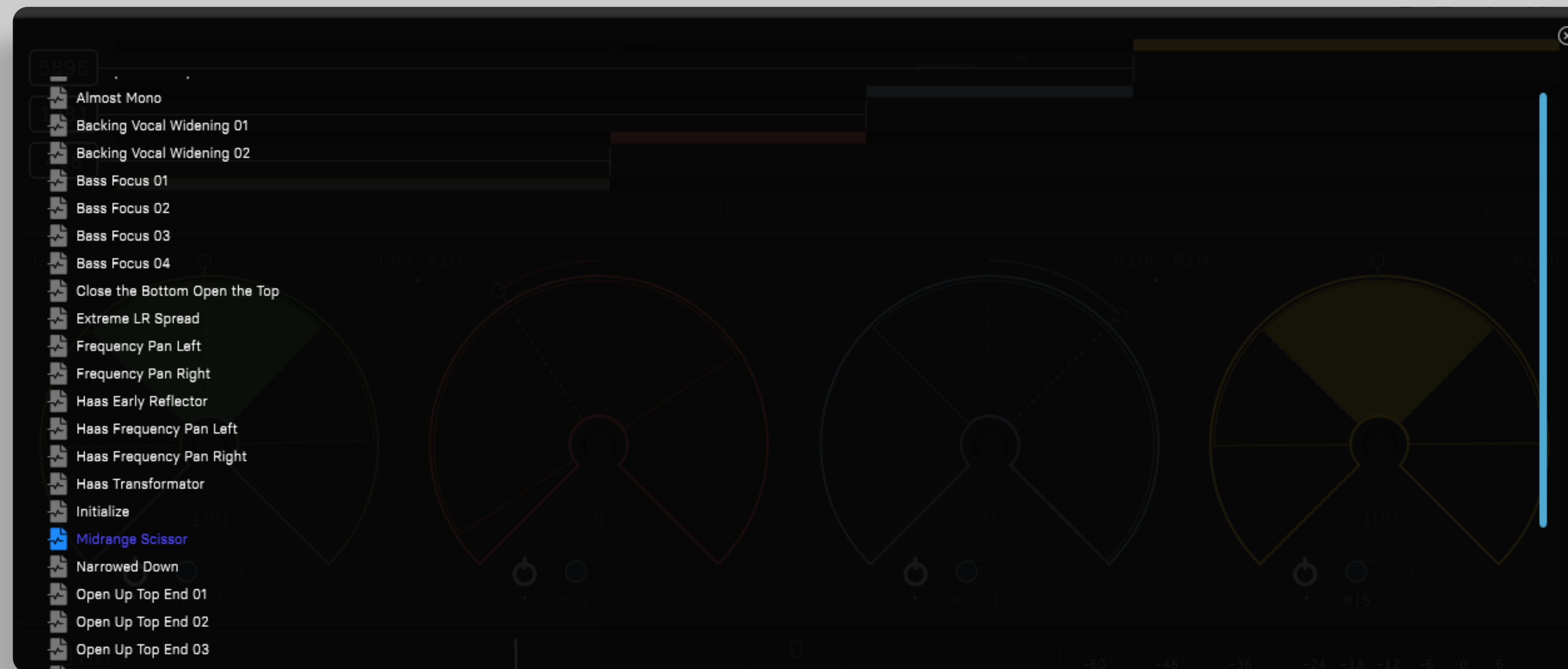


## 2. PRESET BROWSER

### PREVIEWING AND SELECTING PRESETS

To load a preset **single-click** on any entry.

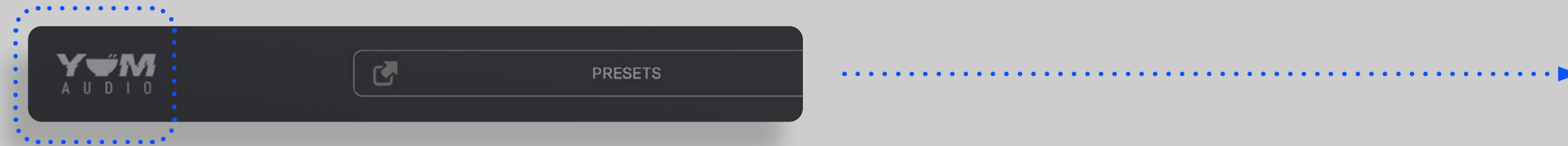
You can also load a preset and immediately close the preset browser by **double-clicking** on an entry.



To organise presets or access them on your PC or Mac click the Locate Preset Folder icon to the left of the preset tab. This way you can organize and rename presets or sort them to separate folders. The plugin will automatically pick up all the changes you make.

## 2. THE MENU BAR

### Window Size of the plugin



By clicking on the Yum Logo and navigating to the Licensing Screen, you can view and modify the window size of the plugin.

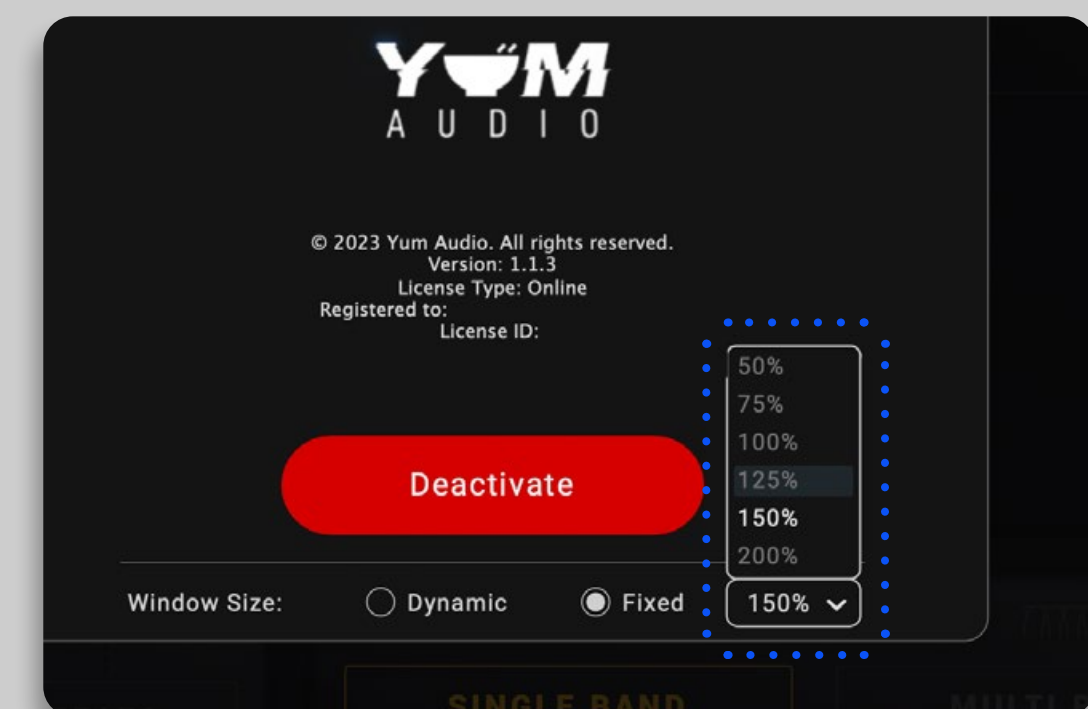
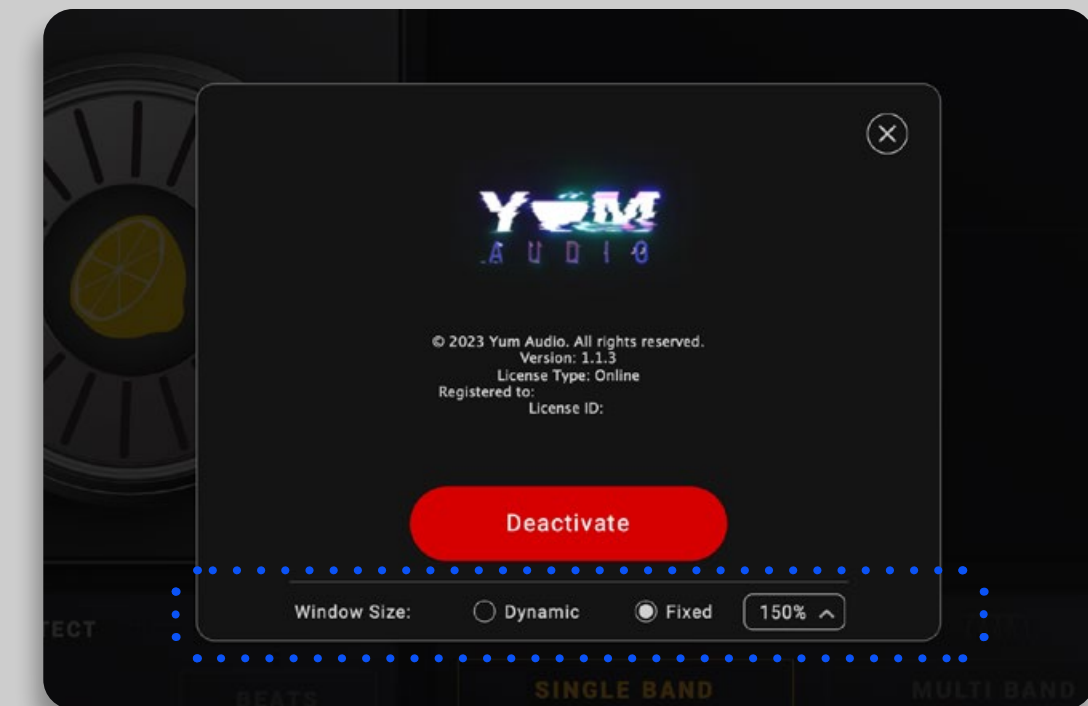
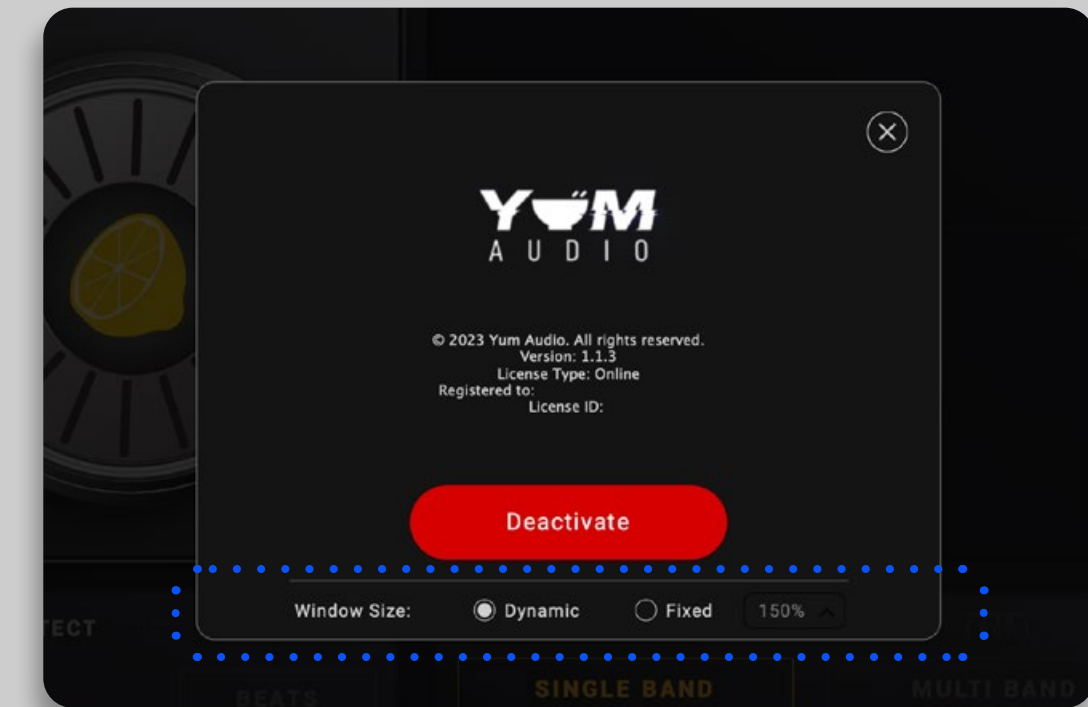
There are two modes to choose from: [Dynamic](#) and [Fixed](#).

In [Dynamic Mode](#), the plugin window [opens at the size you previously set](#). You can adjust the size by dragging the handle at the lower right corner. The [plugin will remember your preferred size](#), ensuring it retains the same dimensions the next time you open or load it.

In [Fixed Mode](#), you can [establish a fixed window size for the plugin](#). Various percentage values are available in the dropdown for the window size, with 100% being the default.

You can either type a value directly into the dropdown, select one of the sizing presets, or rely on the value updated from your Dynamic Mode resizing. For the latter, [first set the window size](#) with Dynamic Mode selected, and [then click Fixed Mode to lock](#) in that size. Even though you can adjust the window size by dragging the handle at the lower right corner, in [Fixed Mode the plugin will always revert to the size you've statically defined upon reopening](#).

This mode is ideal for users who [prefer a consistent window size during their sessions](#).



### 3. PITCH DROPOUT CONTROLS INTERFACE OVERVIEW

The user interface of Pitch Dropout is designed to be easily accessible and all functions are displayed on the main page.



The signal entering Pitch Dropout goes into our virtual tape circuit and dropouts are randomly generated based on the settings that you have dialed in.

### 3. PITCH DROPOUT CONTROLS TAPE DISPLAY



### 3. PITCH DROPOUT CONTROLS

#### AMOUNT DIAL

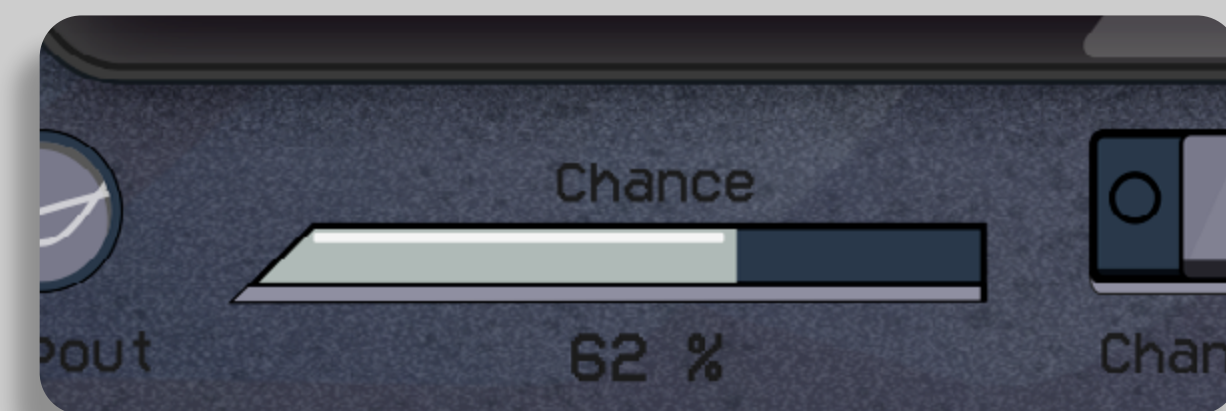
The amount dial is the main control of the plugin and the one that you will definitely use the most. Turning this knob between 0% and 100% will influence the strength of the dropouts occurring. With very low values any dropout will have only a very slight impact on the pitch, meaning anything from a few cents to a semitone. The more you increase the value, the stronger the pitch fluctuation will become and you'll get noticeable dropout and restarting effects in your signal.



Tip: try changing the amount dial while looking at the display showing the visual tapes in the middle of the plugin. You will get instant visible and audible feedback on your actions.

#### THE CHANCE SLIDER

The dropouts are designed to happen at random, yet maintain a musical and realistic feeling to them. The chance slider allows you to tweak this algorithm and through it control how often dropouts occur. With a very low chance setting dropouts will happen less frequently. The more you increase the chance value, the more often dropouts will occur.



### 3. PITCH DROPOUT CONTROLS

#### THE DROPOUT TRIGGER

You can manually trigger dropouts in your DAW by pressing the dropout button. This control can be automated, so you can write your dropouts in at specific points in time or record yourself performing them.

This control works both with or without with the chance control set, so you can either trigger additional dropouts on top of the random ones or set the chance slider to 0% so that no random dropouts happen and you trigger them only where you want.



#### PITCH DROPOUT MODES

When developing this plugin, we were not yet satisfied with just one way for the dropouts to be generated. That's why we designed multiple dropout algorithms. Each will give the dropouts a different shape and chance.

You can easily switch between the dropout modes via the tab selection:



This control can be automated, so you can change the behavior of the plugin on the fly if you like.

### 3. PITCH DROPOUT CONTROLS

#### THE CHANNEL SELECTOR

The channel selector defines how the two virtual tapes in Pitch Dropout behave.

Note: this control is only available when the plugin is loaded on a stereo track. It will be grayed out in the mono version.



To understand this function, imagine that the plugin contains two virtual tapes that are playing back your left and right input channels.

When the channel selector is set to mono, dropouts will happen in unison on both tapes. If the channel selector is set to stereo, dropouts happen individually for the left and right tape, and therefore for the left and right channel, creating a more spread out listening effect.

# THANK YOU!

Thank you for using a Yum Audio plugin!

We hope that it will take your productions to the next level and allow you to create yummy sounds and mixes - and most importantly, to have fun!

If you enjoy our plugins, let us know. We'd love to hear from you and what you created with our software.

[Your friends at Yum Audio](#)

# SUPPORT AND CONTACT

Our [FAQs](#) contain many helpful answers. You can find them at:

[www.yum-audio.com/support](http://www.yum-audio.com/support)

Please have the following information ready to help us assist you:

- Product version and Yum Audio registered email address (see license screen, click on the Yum Audio logo in the plugin)
- Your DAW version (e.g. ProTools 12.1.2, Cubase 10.0.1, Ableton 10.1.0)
- Your computer and operating system (e.g. MacPro OS X 10.15.7, Windows 10)
- Description of the problem

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