

Owner's manual



The Grater

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

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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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 process and install all relevant plugins on your system.

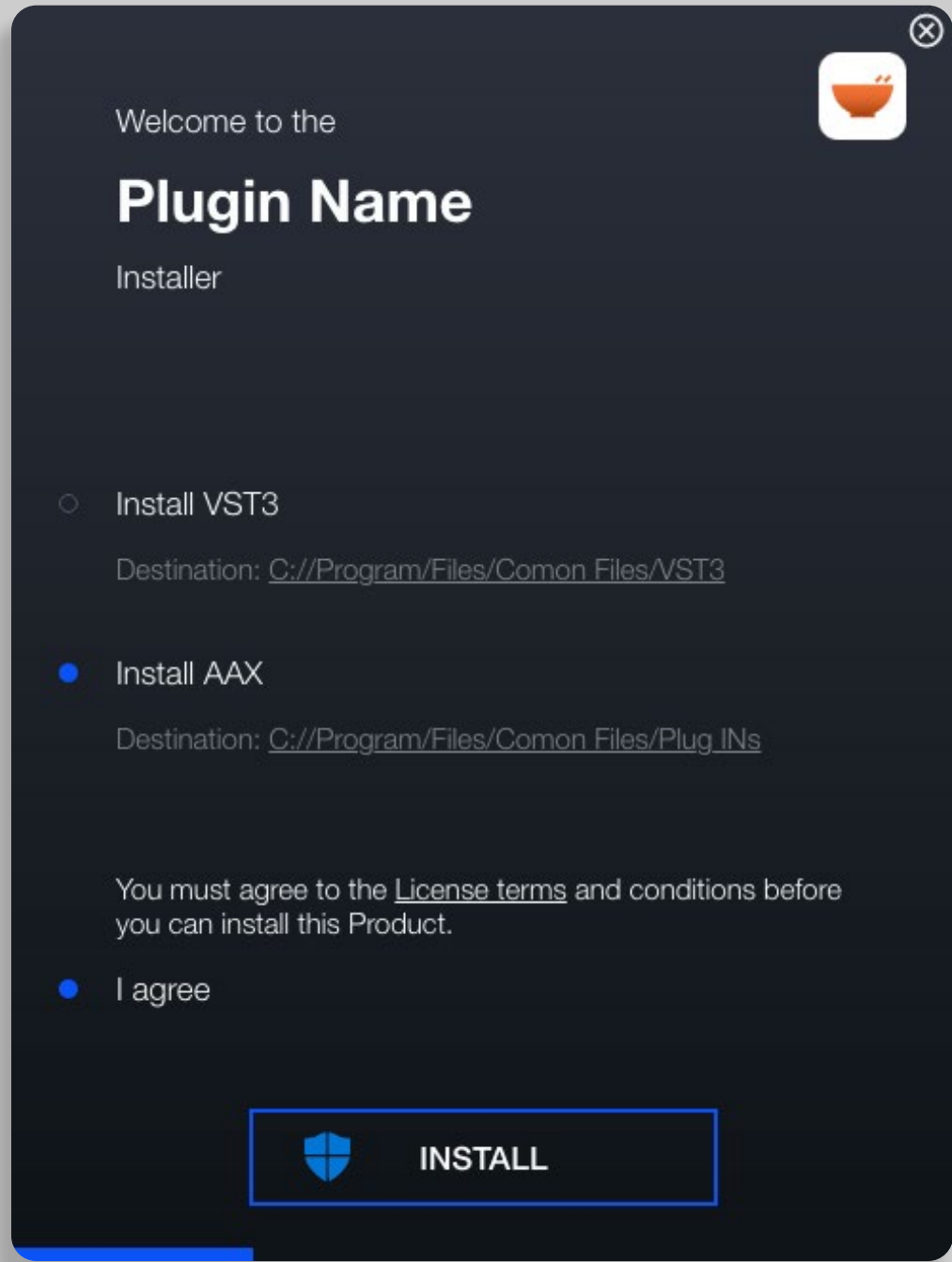
The following plugin types are available for Windows and Mac.

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

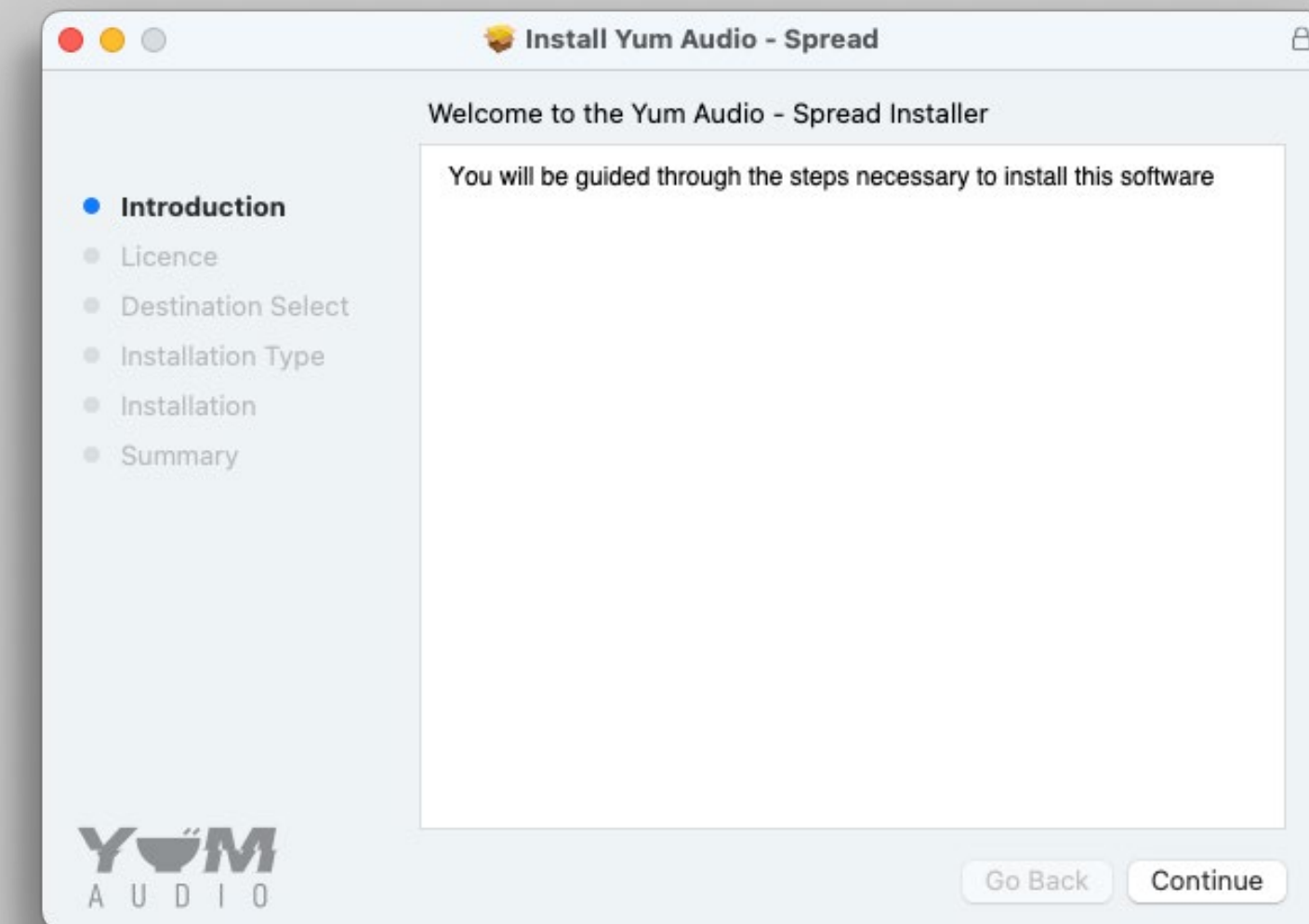
Apple Mac

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 you require 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

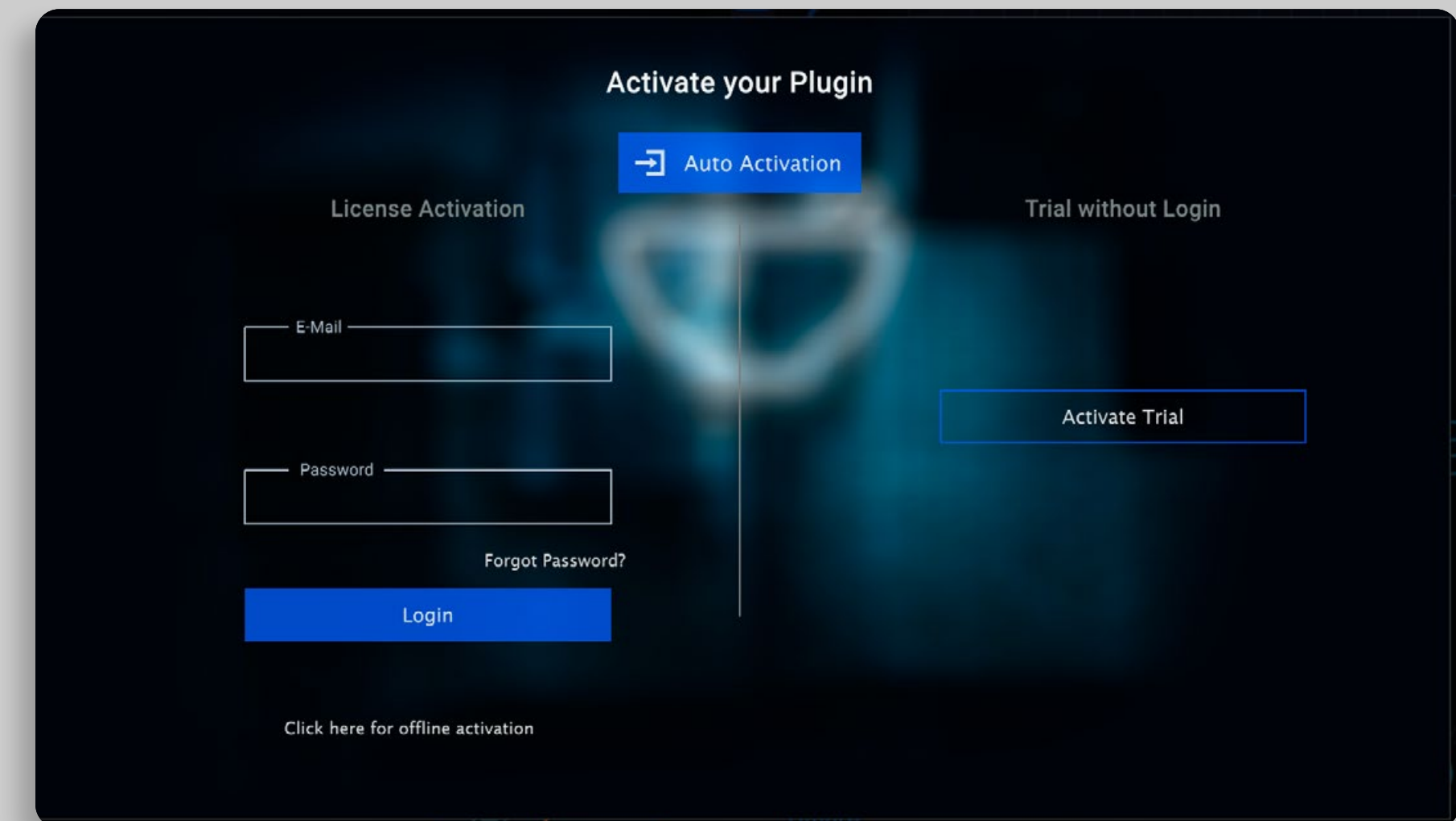
Yum Audio plugins offer online and offline license activation methods as well as license deactivation.

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 .

Activating a license online is done simply by logging into your Yum Audio account. After you enter your credentials on the login and activation screen the plugin will automatically check for remaining activations in your account and if successful, it will activate your plugin on your machine.

Plugins activated online check their activation status on launch to make sure that your activation is valid. This does not mean that you can't use them without an internet connection; but if your system stays **offline for more than 14 consecutive days**, the plugin will logout and you'll have to go online to login again.



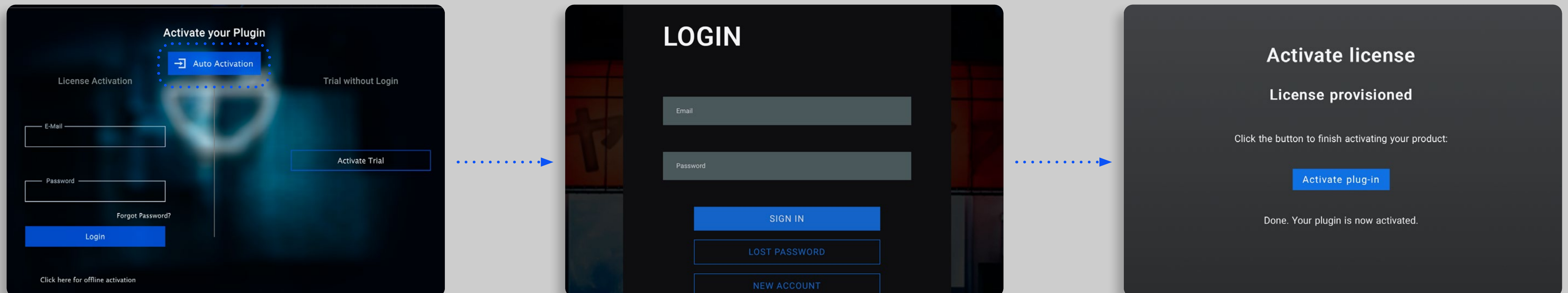
1.2 LICENSE ACTIVATION

Automatic activation

To start the automatic activation click the [Auto-Activation button](#) in the top middle of your login and activation screen.

This will open your browser and direct you to the Yum Audio activate license webpage. If you are not already logged in on the Yum Audio webpage you will have to [enter your Yum Audio login](#) credentials before proceeding to the activation page.

Pressing the Activate Plug-in button will then prompt a pop-up window. Just click the Open Food-stamps Licensing Hub button and you're good to go! Your plugin is activated and you can [return to your DAW and start creating!](#)



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.

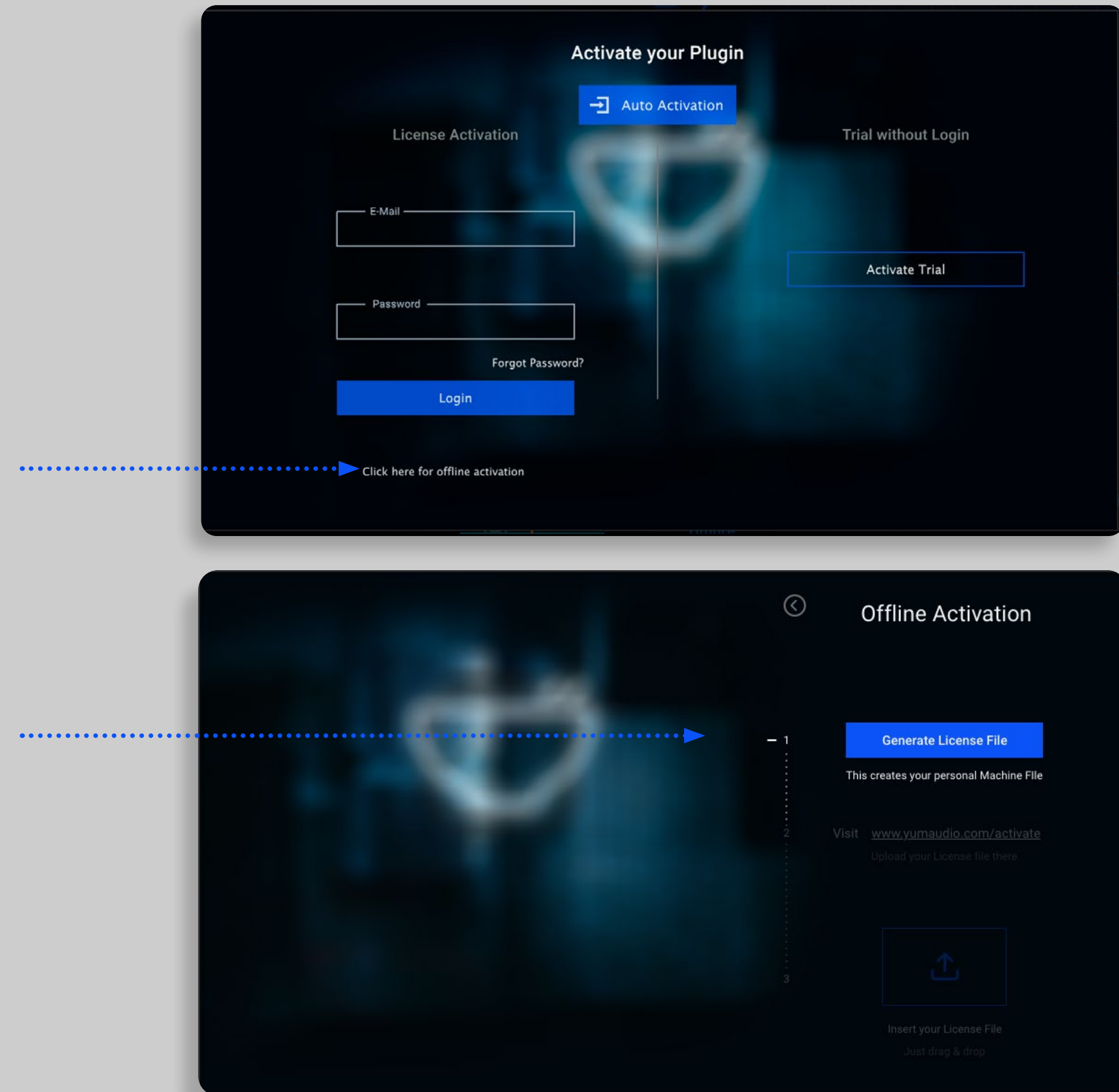
For the activation process generate a file that contains your machine ID by clicking on the **Generate License File** button.

Copy this file to a machine with access to the Internet and go to www.yumaudio.com/activate 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](#).

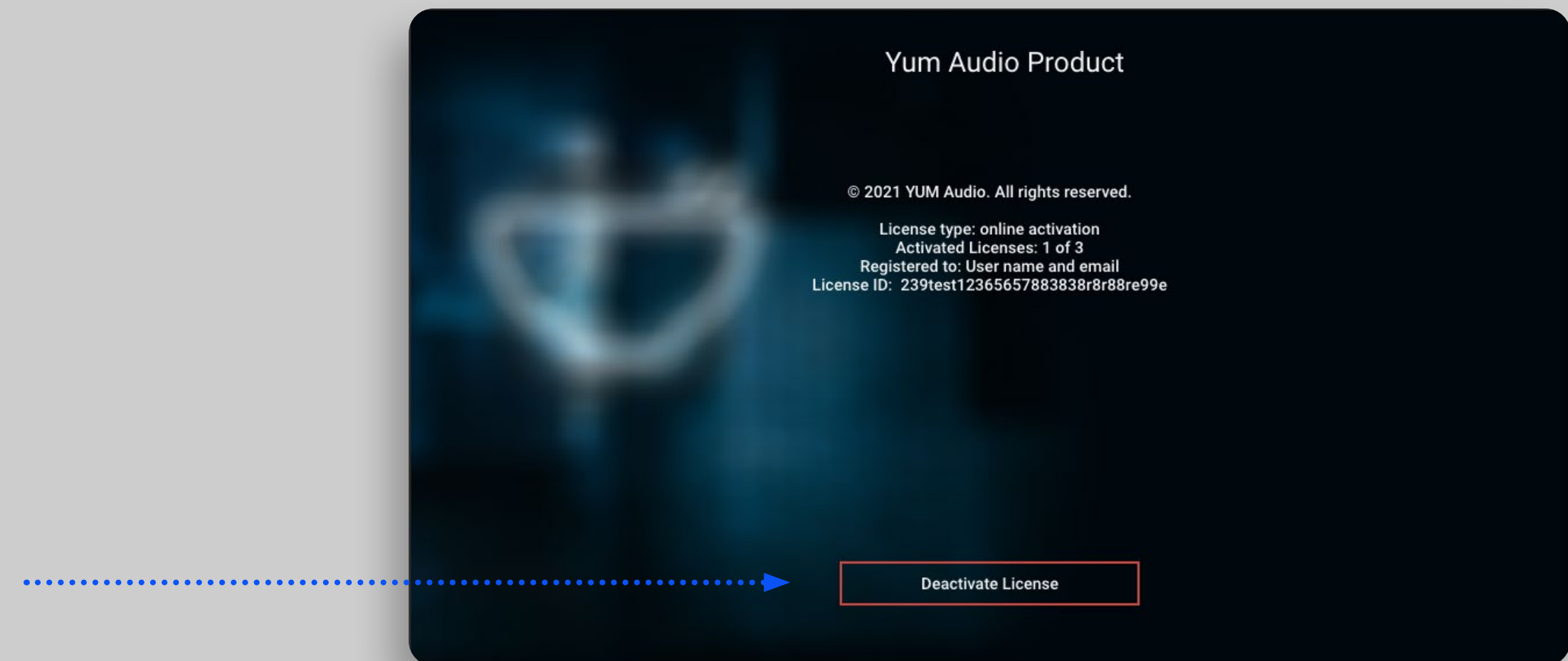
Important: no deactivation is allowed for machines activated offline - [every offline activation](#) will [permanently remove one of the activations from your account](#).

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:

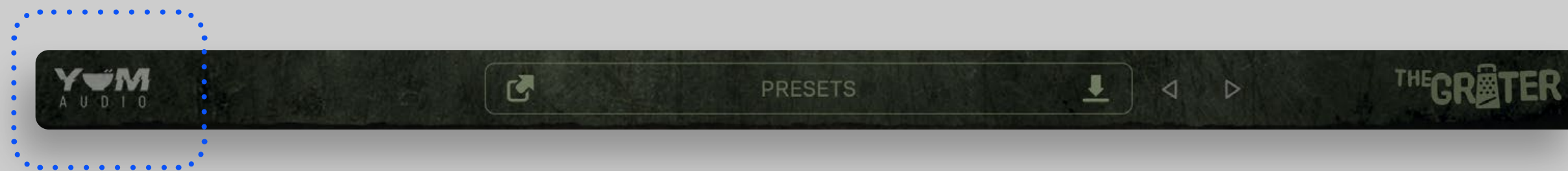
Plugin info & license status

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.



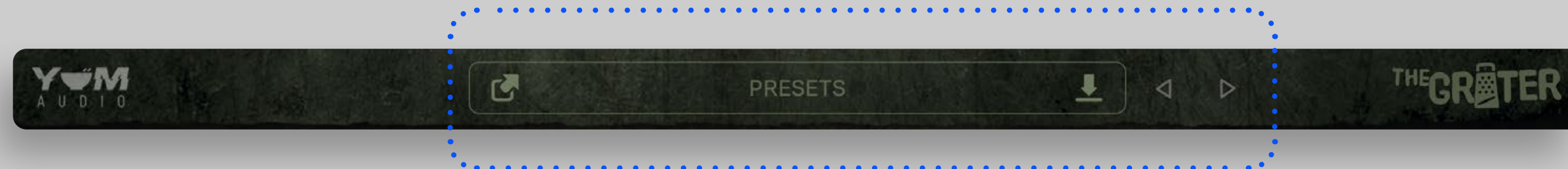
This will open the plugin info window where you can see the version number and the license status of your activation or trial.



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.](#)

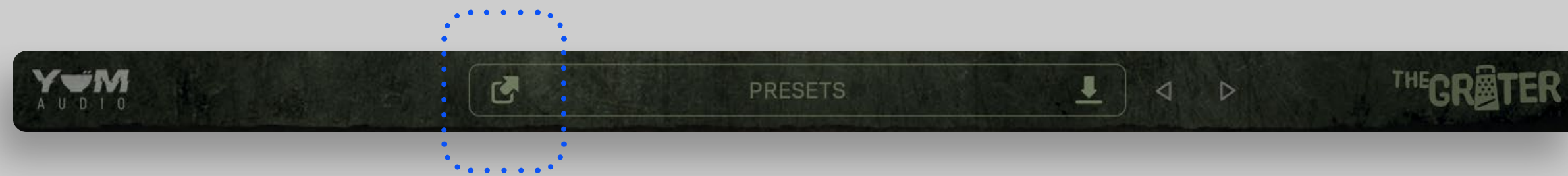
The preset tab



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 presets

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.



2. THE PRESET BROWSER

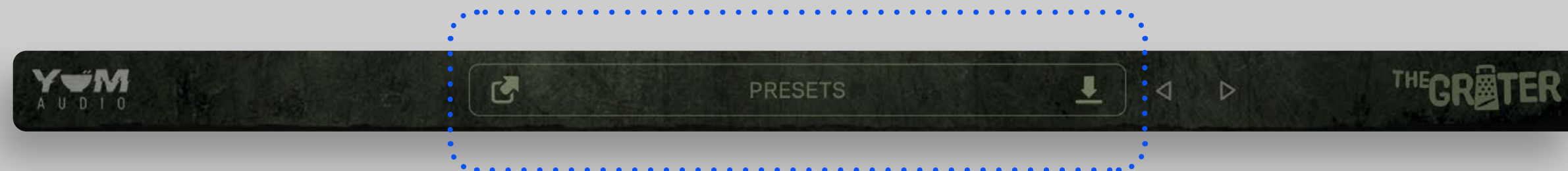
The preset browser is at the heart of every Yum Audio plugin and allows instant access to all your Yum Audio presets.

Accessing 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.

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](#).



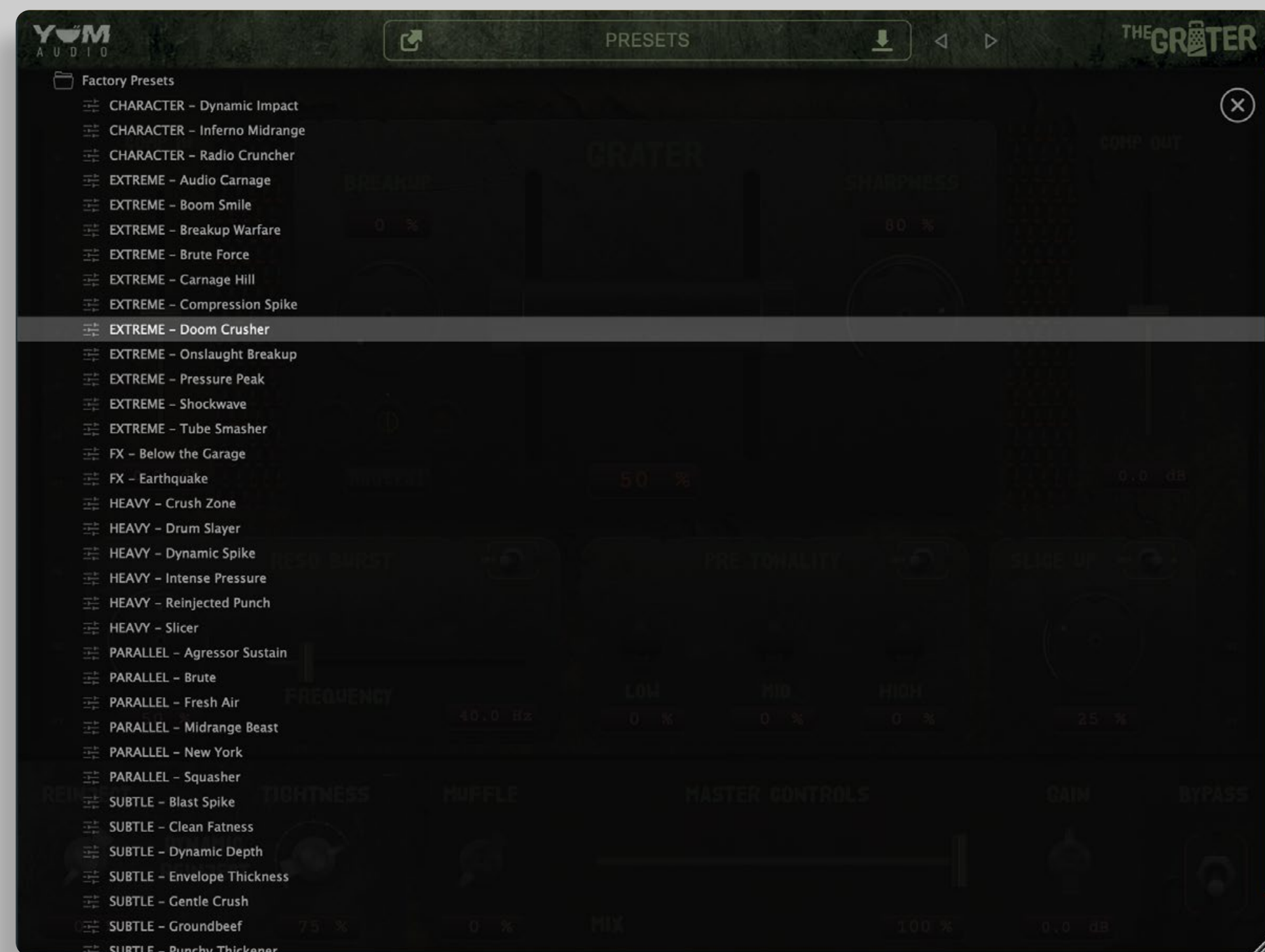
2. THE MENU BAR

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 pre-sets or sort them to separate folders. The plugin will automatically pick up all the changes you make.

3. PLUGIN FEATURES & CONTROLS

Overview

Welcome to The Grater, a powerful audio plug-in that allows you to [compress and shape your audio](#) like never before.

With its unique set of controls, The Grater can take your audio to the next level by [adding punch and power or by creatively destroying and mangling your sound](#).

Whether you're a mixing engineer looking to add punch to your drums or a sound designer looking for new ways to mangle your audio, The Grater has you covered.

So let's dive in and explore the creative possibilities that this plug-in has to offer.



3. PLUGIN FEATURES & CONTROLS

Grater Control Panel

The Grater control panel is the **main control** and determines the amount of over-the-top compression applied to the audio signal. At a setting of 0%, the audio will be unaffected and will pass through the plug-in unchanged. As you move the Grater control lever up, the amount of compression applied to the audio increases, **bringing out subtle audio elements and adding punch and power to the sound**.

At higher Grater control panel settings, the compression becomes more extreme and can result in the audio becoming **distorted and saturated**. This can be useful for creative sound design or for adding a rough, **aggressive edge to your audio**. Even on its own, the Grater control panel is a powerful tool for shaping the dynamic range of your audio and adding force and energy to your tracks. Experiment with different Grater settings to find the perfect amount of compression for your audio.

The Grater panel also includes the **Sharpness and Breakup controls, which can be used to fine-tune the behavior** of the Grater control lever.



3. PLUGIN FEATURES & CONTROLS

Sharpness Control

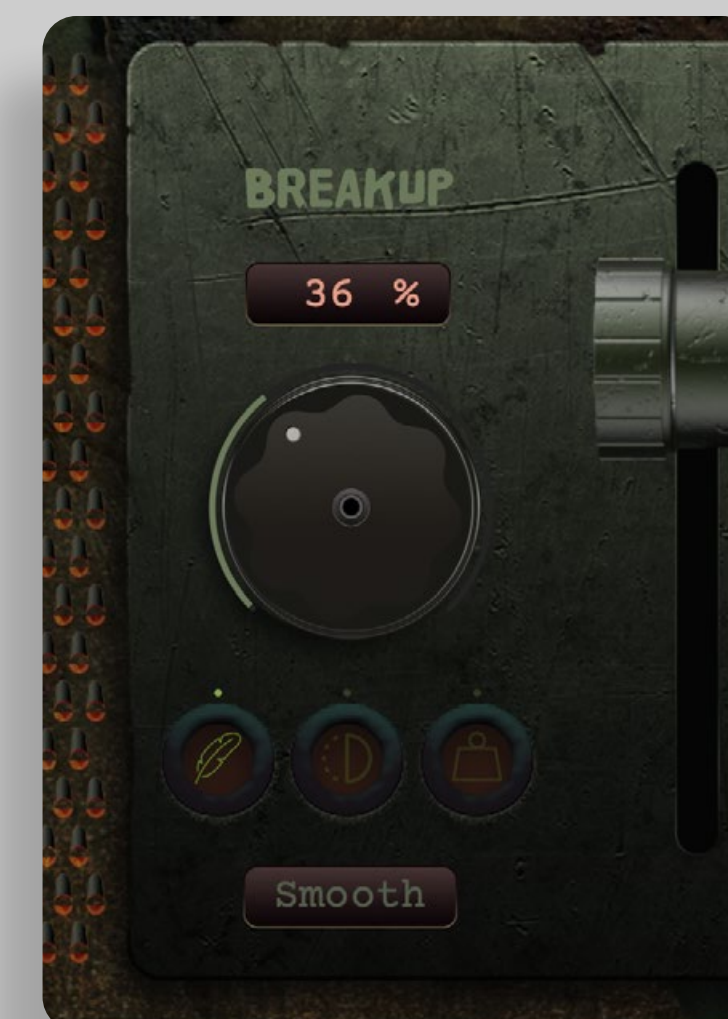
The Sharpness control is a feature of The Grater that allows you to **fine-tune the response of the Grater control lever**. At low Sharpness settings, it will have a **slower attack and release**, retaining more of the original audio's dynamics and allowing transients to pass through unaffected. This can be useful for **adding punch to the audio** without fully squashing and over-compressing it.

As you increase the Sharpness control, the Grater control lever will become **more responsive, with a faster attack and release**. This can result in the audio becoming **more heavily compressed**, with the transients being fully squashed and the dynamic range being reduced. High Sharpness settings can be useful for **achieving extreme levels of over-the-top compression** or for creative sound design.

Breakup Control

The Breakup control adds effects to your audio that sound like the **signal breaking up or the speaker struggling** to reproduce the sound due to the extreme loudness. It **interrupts the compression** at certain values, causing the compression curve to drop out and then come back in again. This can **add character and introduce unusual sounds** and artifacts to the audio signal. The control ranges from 0 to 100% and the way it works will differ based on the input signal, so be sure to experiment with different values to find the best one for your audio.

In addition to the continuous Breakup control, The Grater also includes three breakup modes: **Smooth, Neutral, and Heavy**. The Smooth mode produces softer and more subtle breaks, while the Heavy mode introduces more aggressive and pronounced breakup sounds. The Neutral mode sits in between these two extremes.



3. PLUGIN FEATURES & CONTROLS

Compressor Input Gain

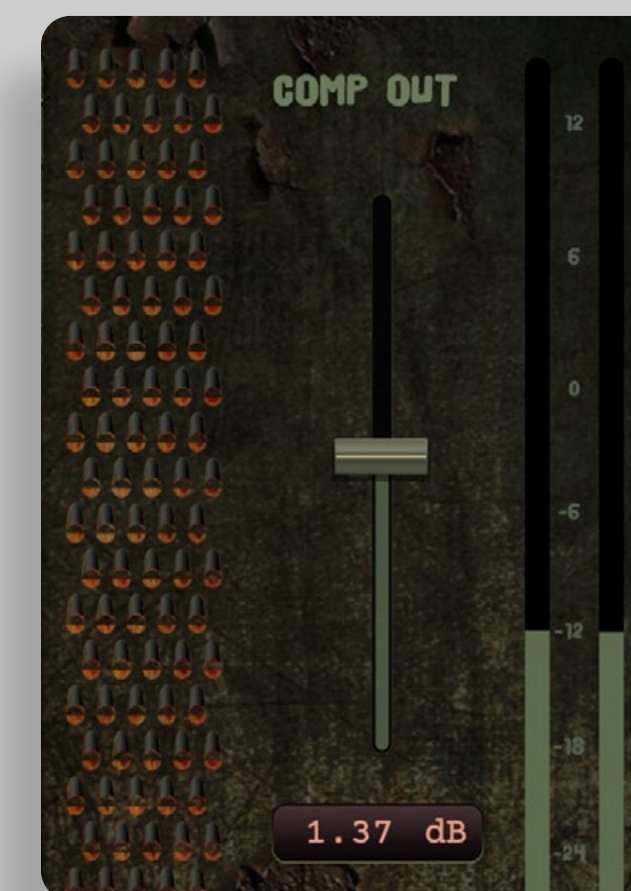
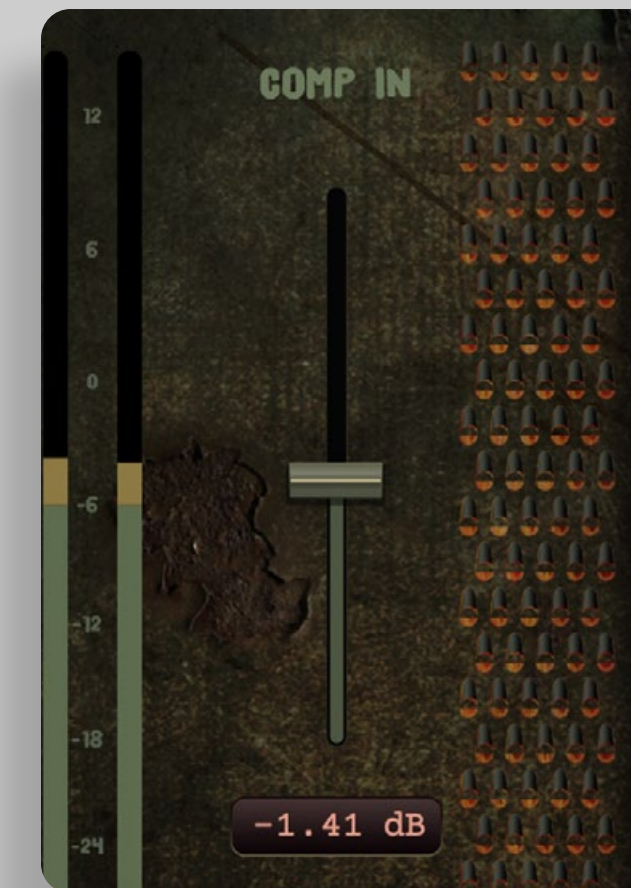
The Comp In Input Gain slider of The Grater is an important tool for [shaping the way the over-the-top compression affects your audio](#). This control ranges from -24dB to 24dB and allows you to adjust the level of the [audio signal before it enters](#) The Grater. Increasing the Input Gain will amplify the audio signal, making it louder and more prominent in the mix. This can drive The Grater circuit harder, [resulting in more compression and a more saturated sound](#).

On the other hand, decreasing the Input Gain will reduce the level of the audio signal entering The Grater, making it [work less aggressively](#). However, it's important to note that even at very low Input Gain settings, The Grater is able to pick up even the most subtle audio elements and boost them immensely. This can result in a [unique and unusual compression effect](#) that is different from a standard compressor.

Overall, the Input Gain control is a powerful tool for shaping the way The Grater affects your audio. Experiment with different Input Gain settings to find the perfect balance for your audio.

Compressor Output Gain

The Comp Out Output Gain slider is a useful tool for [adjusting the level of the audio signal after it has passed through](#) the Grater main control. The slider ranges from -24dB to 24dB and allows you to fine-tune the overall level of the audio signal for [proper gain staging](#).



3. PLUGIN FEATURES & CONTROLS

Effect Modules

The Grater also includes three [extra effect modules](#): Reso Burst, Pre Tonality, and Slice Up.

These effects allow you to further shape the way The Grater circuit [works and crush your audio into oblivion](#). Each of the effect modules has an on/off toggle. Let's take a closer look at each of these modules and see what they have to offer.



Reso Burst

The Reso Burst effect module of The Grater adds a [resonant bandpass filter](#) to the audio signal. This filter reacts to the audio and can [create feedback-like tones, adding a distinctive character](#) to the sound. At low Reso Burst settings, the filter will have a subtle effect on the audio, adding a slight low boost to the sound. As you increase the Reso Burst intensity, the filter becomes [more pronounced and can create more extreme and mangled](#) sounds.

Driven to high values, the Reso Burst module can be used to [add sounds similar to distorted synth basses](#) to your audio, that fully react to The Grater's overall compression.

This can be an [extremely powerful tool for creating unique and mangled sounds](#).

Reso Burst Frequency

The Reso Burst Frequency control slider is a feature of The Grater's Reso Burst module that allows you to [adjust the frequency](#) at which the resonant bump is happening.

This control ranges from 20Hz to 150Hz and allows you to fine-tune the Reso Burst module to [match the characteristics of your audio](#).

3. PLUGIN FEATURES & CONTROLS

Pre Tonality

The Pre-Tonality effect is a **unique filter and EQ module** that is applied to the audio signal after the Input Gain control, but **before it enters The Grater** main control circuit. This is an important feature as it allows you to **shape the tonal characteristics** of the audio and drastically affect the way the Grater control circuit works.

The Pre-Tonality effect includes three controls: High, Mid, and Low. These controls allow you to **adjust the gain of the high, mid, and low frequencies** of the audio signal, respectively. Each control ranges from -100% to 100% and at a setting of 0%, the audio will be unaffected. At negative values, the gain of the respective **frequency will be reduced or cut**, while at positive values, the **gain will be boosted**.

The Pre-Tonality effect is a powerful tool for **shaping the tonal characteristics** of the audio signal and fine-tuning the way the Grater main control affects it. Experiment with different settings for the High, Mid, and Low controls to **find the perfect balance** for your audio.



3. PLUGIN FEATURES & CONTROLS

Slice Up

The Slice Up control is an effect module of The Grater that **adds a clipping** circuit to the audio signal after the Grater main control and Output Gain control. The value ranges from 0 to 100% and allows you to adjust the amount of clipping applied to the audio.

At 0% the clipping circuit is active in a very subtle setting. As you increase the Slice Up control, the clipping circuit will become **more pronounced, slicing up any remaining transients and crushing** the audio even further.



3. PLUGIN FEATURES & CONTROLS

Dynamic Reinject

The Dynamic Reinject feature is an additional unique tool that allows you to **reinject the dynamics from the incoming audio** signal into the over-the-top compressed signal coming out of The Grater. This allows you to **retain the tonal and crushed characteristics** introduced by the compression while **giving the signal some life and movement back**.

The Dynamic Reinject feature includes two controls: Reinject and Tightness. The Reinject value ranges from 0 to 100% and determines the **overall amount of dynamics being re-applied** to the audio signal. At a setting of 0%, no dynamics will be added, while at a setting of 100%, the full dynamics of the incoming signal will be added.

The Tightness control ranges from 0 to 100% and **determines the speed of the dynamics**. At a setting of 0%, the dynamics will be very slow and relaxed, while at a setting of 100%, they will be short and snappy.

Overall, the Dynamic Reinject feature is a powerful tool for adding life and movement to the audio signal while **retaining the tonal and crushed characteristics** introduced by the Grater. Experiment with different Reinject and Tightness settings to find the perfect balance for your track.



3. PLUGIN FEATURES & CONTROLS

Master Section

The Grater includes a set of master controls that allow you to [fine-tune the overall sound](#) of the plug-in and polish its final output. The master controls include Muffle, Mix, and Output Gain. Let's take a closer look at each of these controls and see how you can use them to get your sound just right.



Muffle

The Muffle control allows you to [subtly take off some of the high-end frequencies](#) from the audio signal. This control ranges from 0 to 100% and allows you to fine-tune the amount of high-end being removed. At a setting of 0%, the audio will be unaffected, while at a setting of 100%, the high-end will be fully removed.

The Muffle control is a subtle but useful tool for [taming some of the harshness](#) that can appear due to the over-the-top compression and distortion being applied by The Grater. It can help to [smooth out the sound](#) and [add a more refined and polished character](#) to the audio.

Gain

The Master Gain allows you to set the [final gain stage](#) of the plug-in before the audio is output. This control ranges from -24dB to 24dB and allows you to adjust the overall level of the audio signal. At a setting of 0dB, the audio will be unaffected, while at higher or lower settings, the [gain will be increased or decreased](#) accordingly.

Mix

The Mix control slider ranges from 0 to 100% and allows you to [adjust the balance between the unprocessed signal coming into](#) the plug-in and the processed one. At a setting of 0%, the audio will be fully dry, while at a setting of 100%, the audio will be fully wet.

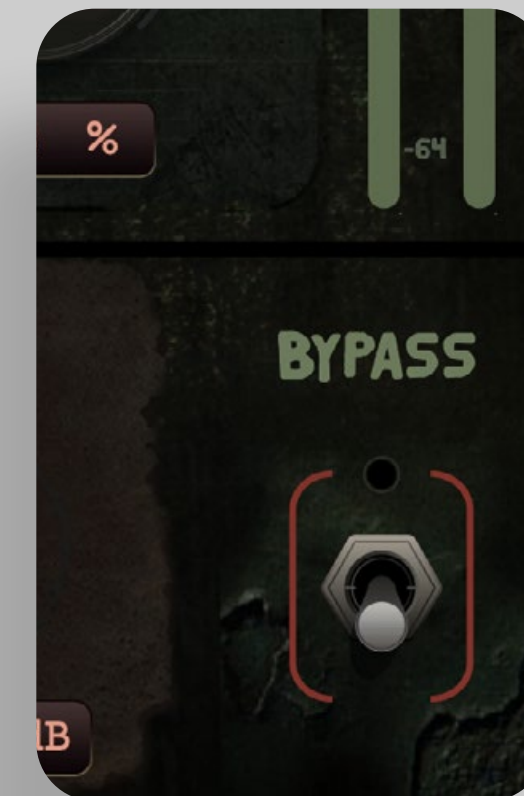
The Mix control is a useful tool for [adjusting the balance between the dry and wet signals](#) and finding the [perfect blend for your audio](#). It allows you to keep some of the original signal audible while also [adding the characteristics of the extreme and crushing compression](#) of The Grater.

3. PLUGIN FEATURES & CONTROLS

Bypass

The bypass toggle allows you to [quickly compare the processed audio](#) with the unprocessed audio. This can be useful for [quickly A/B-ing the effect](#) of The Grater on your audio vs. the unprocessed signal to decide if you've gotten to the sound you were going for or [need to further tweak your settings](#).

To use the bypass toggle, simply click the bypass button to engage or disengage the bypass mode. When the bypass mode is engaged, the button will be highlighted and the audio will pass through the plug-in unchanged. When the bypass mode is disengaged, The Grater will be active and the audio will be processed by the plug-in.



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

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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