

Owners Manual



SPREAD

Hello and thank you!

Thanks a lot for buying a plugin from Yum Audio!

We hope that you will experience 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 the joy of 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 something remains 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 sounds!

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 Spread

WHAT IS IT?

Spread can be an indispensable tool, allowing you to narrow the stereo width of tracks or push them wider in mixing and mastering situations.

It gives you instant control over the width and panning of four different bands in the frequency spectrum.

We've also added 2 different processing modes, so you'll be able to create some yummy mixes.



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.

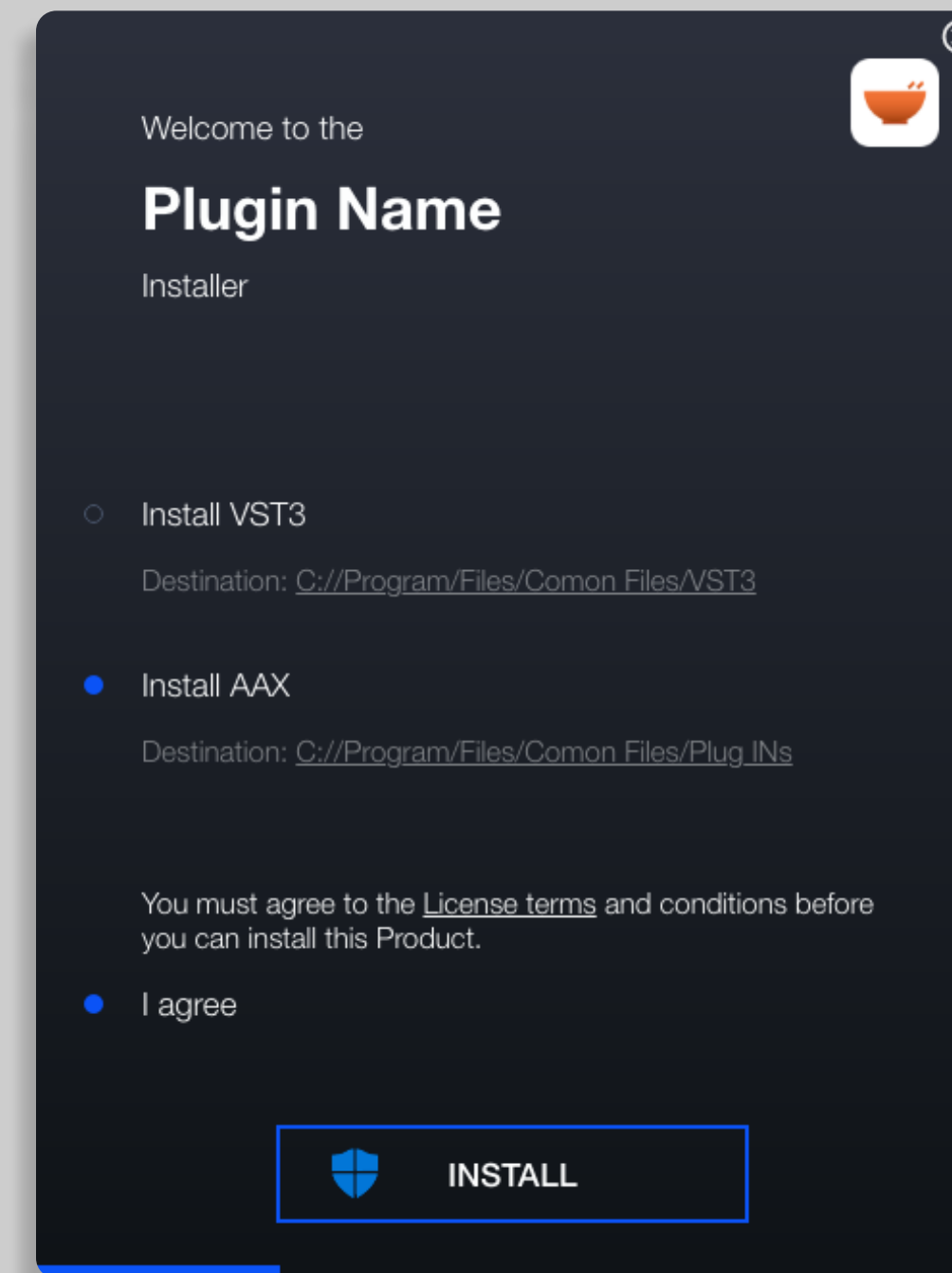
The following plugin types are available for Windows and Mac.

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

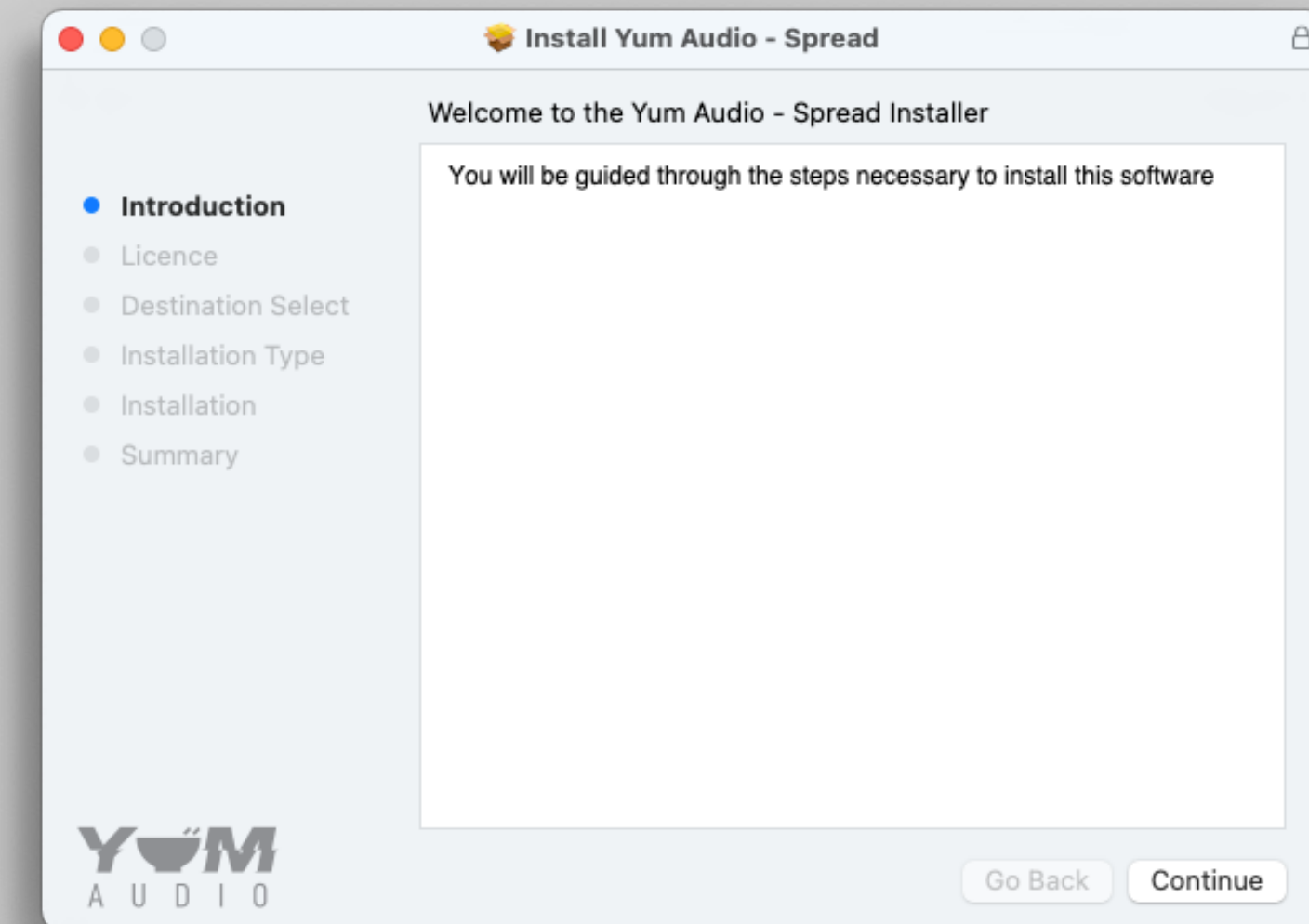
APPLE MAC

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

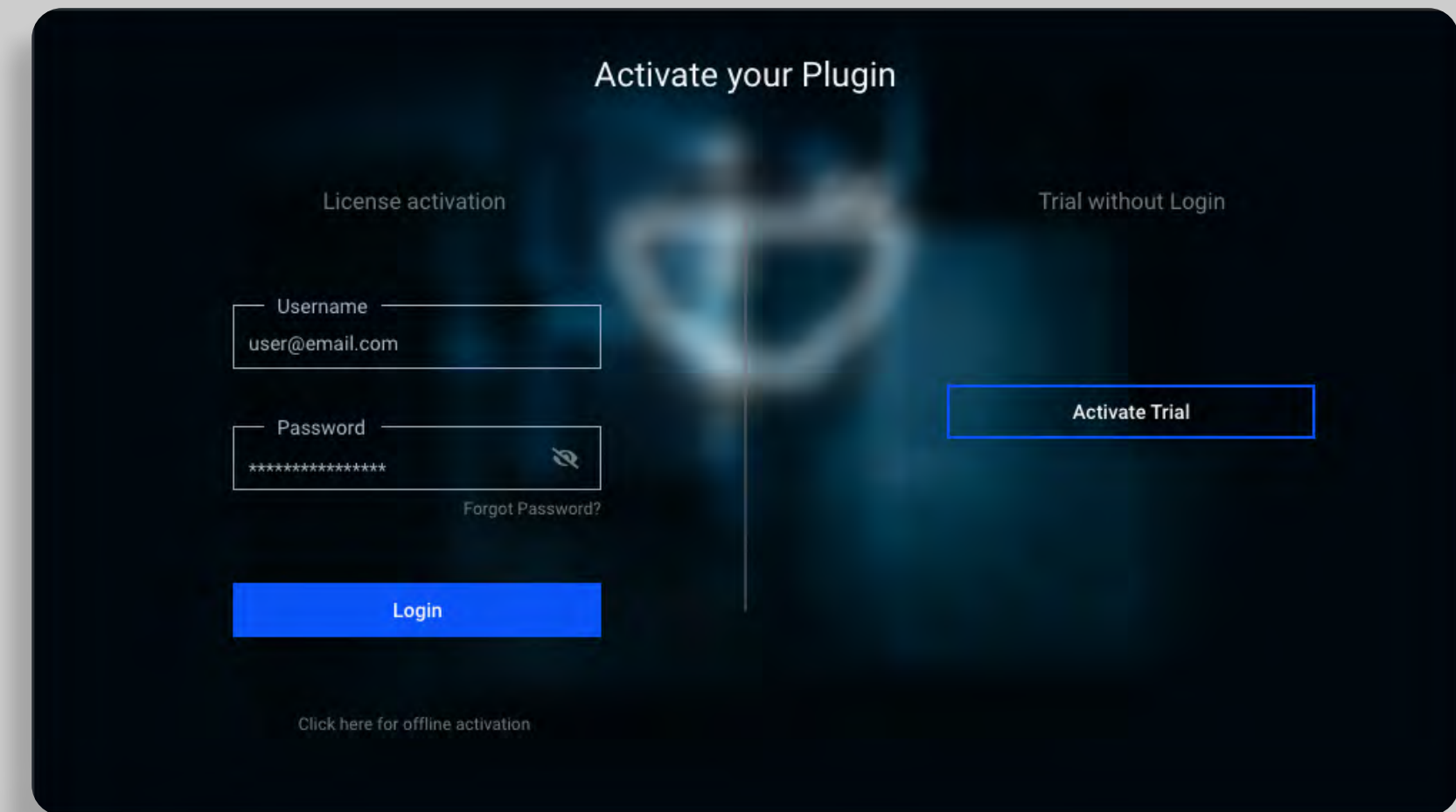
Yum Audio plugins offer online and offline license activation methods as well as license deactivation. With every purchase you get two activations, which allows you to install a plugin on two of your workstations at a time. **No dongles required!**

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

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.

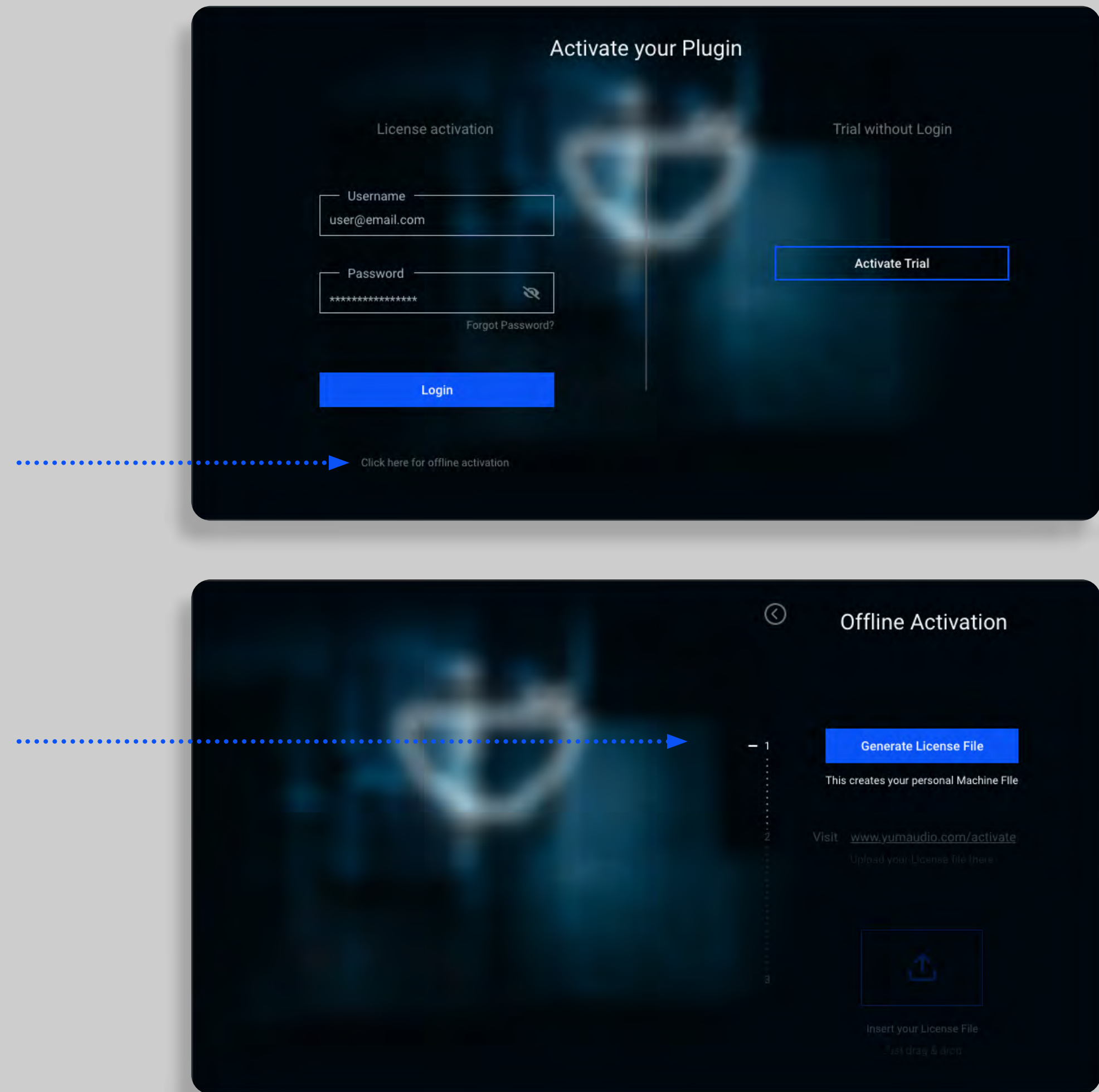
For the activation process generate a file that contains your machine ID by clicking on the Generate Machine File button.

Copy this file to a machine with access to the Internet, go to www.yumaudio.com/activate and follow the instructions.

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.



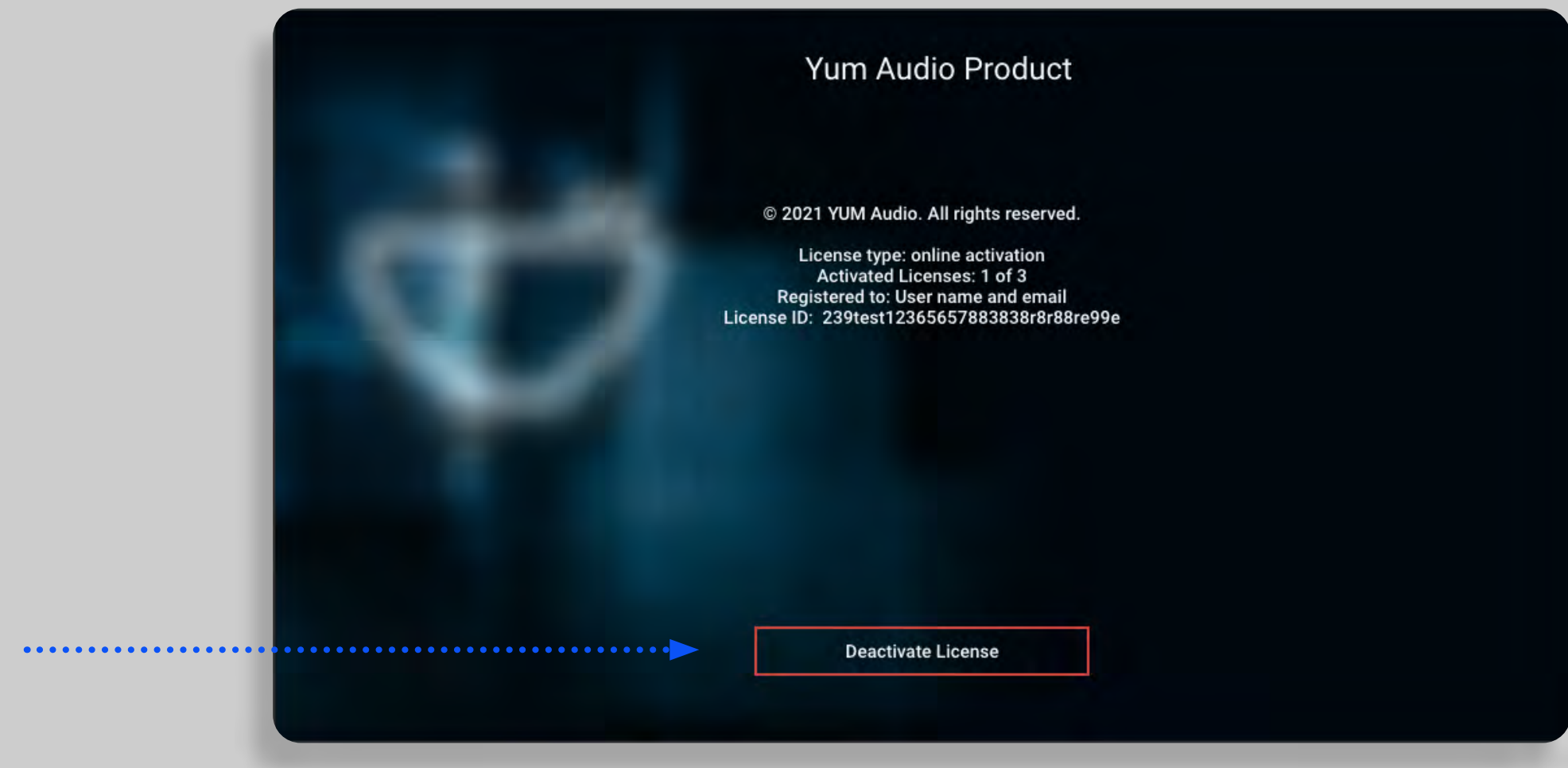
1.2 LICENCE DEACTIVATION OFFLINE

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.

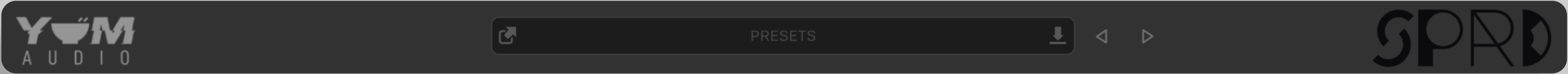
If you are a larger studio or academic institution, or if you want to increase your personal license count, this can be done simply by buying another issue of the plugin from the [Yum Audio store](#).

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.



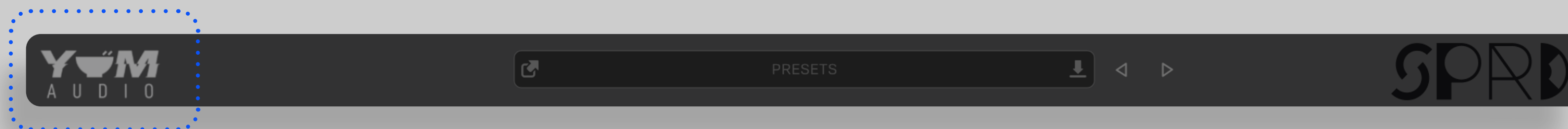
The menu bar offers access to global functions of each of our plugins:

- Plugin info & license status
- Preset browser, loading, saving and selecting presets

2. THE MENU BAR

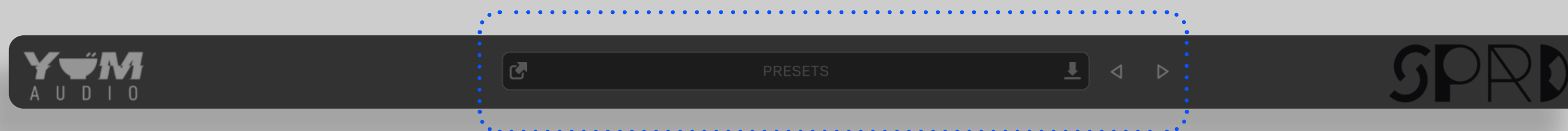
PLUGIN INFO & LICENSE STATUS

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.

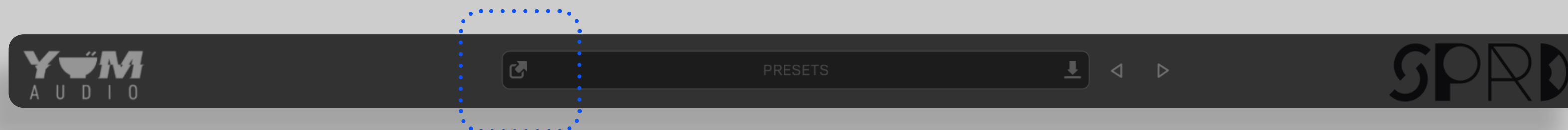
THE PRESET TAB



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.

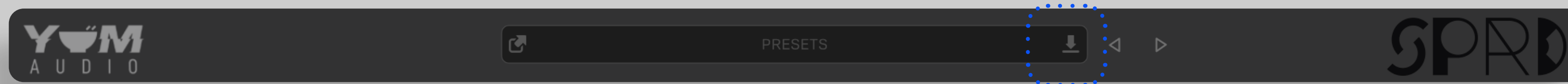
PRESET NAME



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

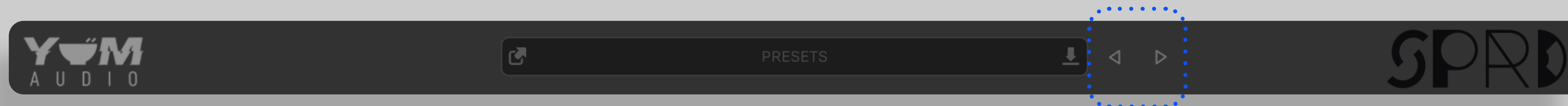
2. GLOBAL CONTROLS

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

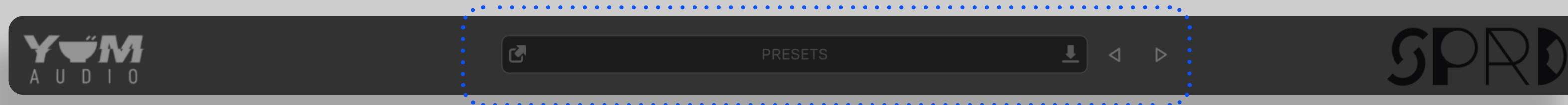
The preset browser is at the heart of every Yum Audio plugin and allows instant access to all your Yum Audio presets.

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. PRESET BROWSER

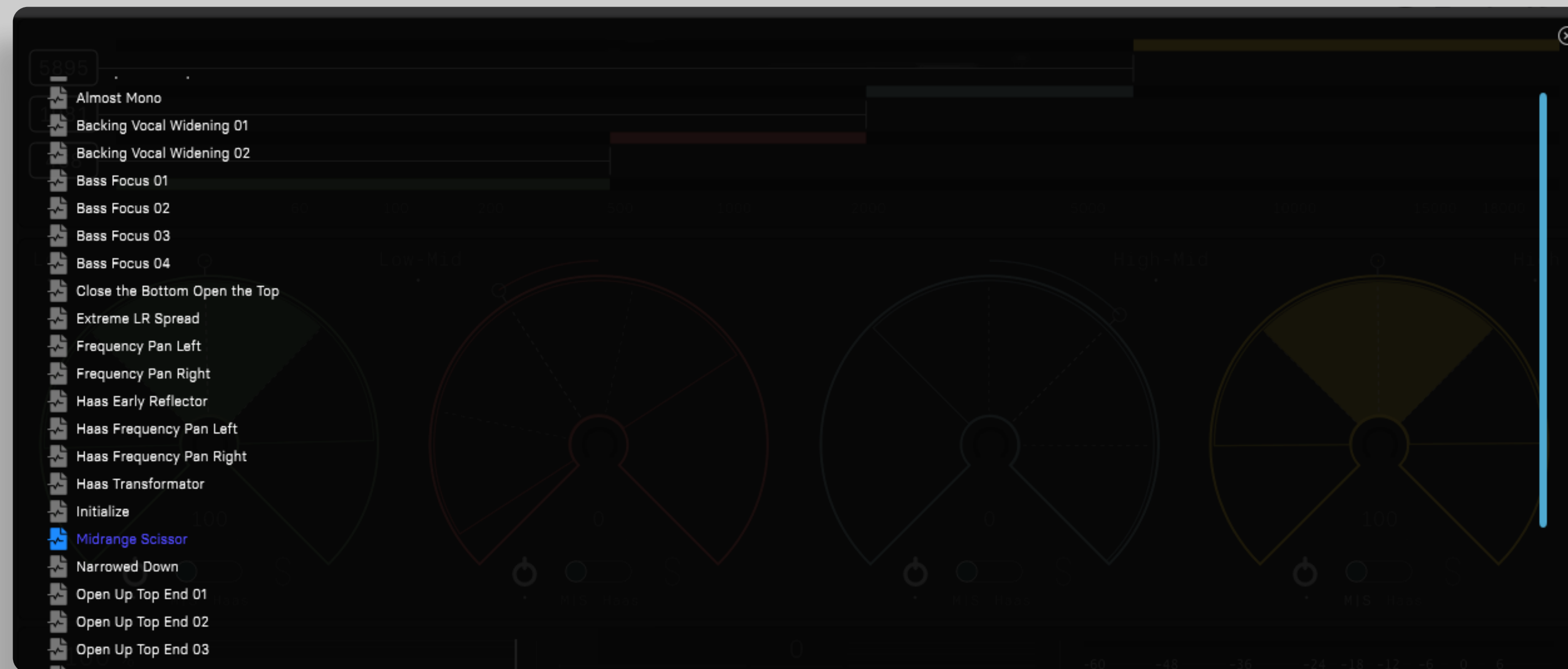
PREVIEWING AND SELECTING PRESETS

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



3. SPREAD CONTROLS

INTERFACE OVERVIEW

The user interface of Spread consists of two main areas. The [crossover section](#) and the [width controls](#).

The signal entering Spread is split into four bands of frequencies and then sent to their respective width controllers. The color coding shows you which band and width controller correlate with each other.

Splitting the audio into bands allows you, for example, to boost the top end width of a signal while centering its bass frequencies for a tighter low end.



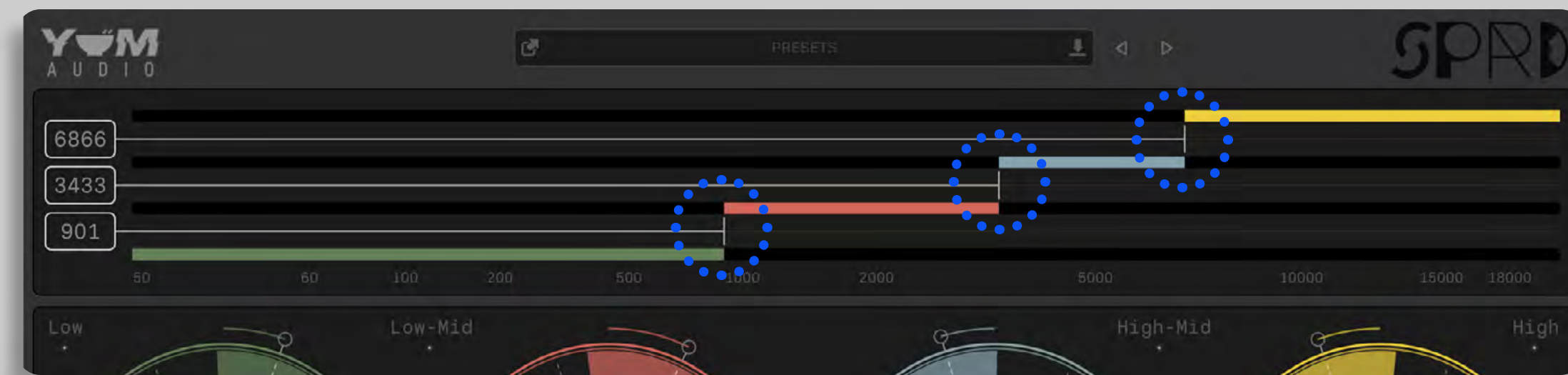
3. SPREAD CONTROLS

CROSSOVER SECTION

The top half of the plugin consists of the crossover section which allows you to split the incoming audio into the four bands.



You can adjust the width of each band by dragging one of the [three crossover points](#).



Each band is linked to one width controller of the same color in the lower half of the plugin.



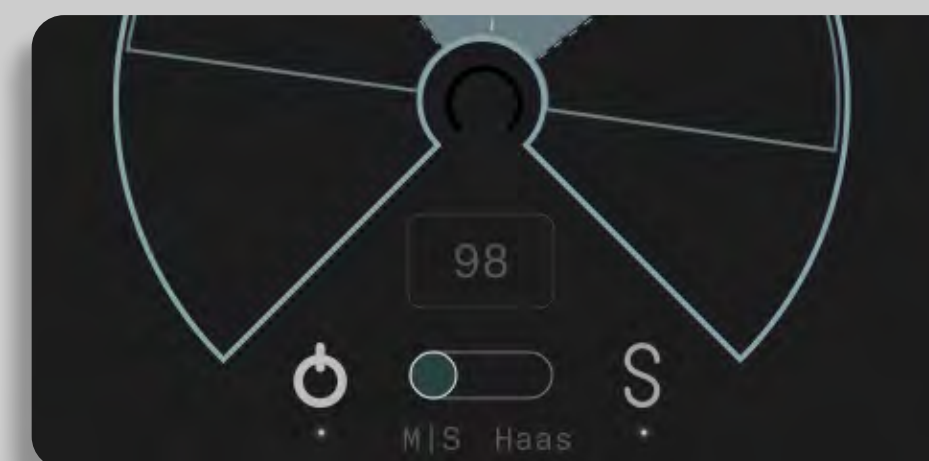
3. SPREAD CONTROLS

WIDTH AND TILT CONTROL

The width and tilt controls are the heart of Spread. They allow you to alter the perceived width and position of a stereo signal in multiple ways.



Both controls can create these stereo manipulations in two ways based on the mode selected with the mode switch. You can choose between the modes [M/S \(Mid/Side\)](#) and [Haas](#).



MODE 1 - M/S

Mode 1 “M/S” is based on the mid-side processing technique. This allows you to boost the already present stereo parts of a signal. This is great to add some subtle width during mastering, boost the width of a pad sound, or pinpoint an element in the stereo field.

3. SPREAD CONTROLS

WIDTH

The width control allows you to alter the width of the stereo input signal, working as a Mid/Side enhancer.

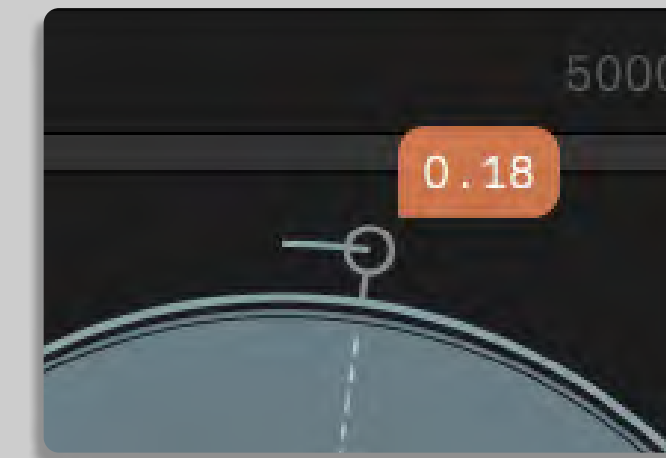
At 100% the signal stays unaltered. At 0% it becomes mono, and over 100% you increase only the stereo part of the input signal, making it sound wider.



TILT

The tilt parameter in the M/S mode is a stereo-based signal panner which allows you to position the audio in the stereo field from left to right.

We made sure that width and tilt interact in a very musical way. This means that if you have something tilted hard left but with an extensive width, you'll still have sound in both speakers. With a width of 0 you'll hear both channels hard-panned in the left speaker.



- Try to use the width and tilt parameters in combination to find the perfect spot for your sound in the stereo field.
- Use it during mastering to add or remove subtle amounts of width in your stereo mix.
- Use a big width setting on things like backing vocals or synth pads to move them to the sides and free up space in your mix.

3. SPREAD CONTROLS

MODE 2 - HAAS

Mode 2 “Haas” is taking another approach to widening and signal positioning. Instead of relying on Mid/Side processing it uses extremely short delays between the left and right channels to alter the perception of width and position. The Haas Effect makes your ear perceive sounds wider and positioned by letting them arrive at slightly different times in each ear!

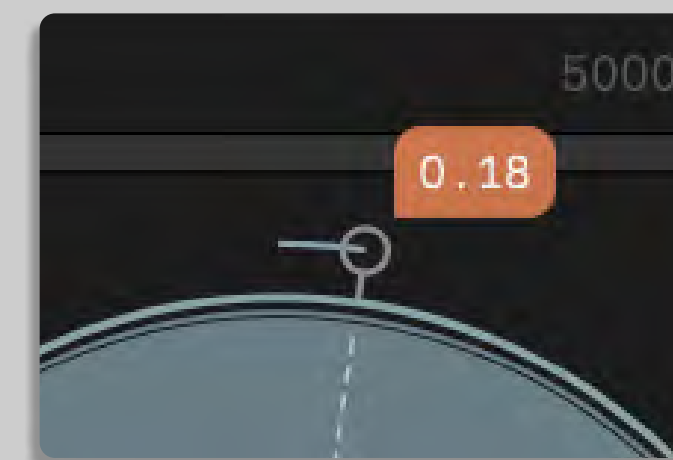
WIDTH



The width control in the Haas mode controls the amount of the Haas effect. Tilt and width work closely together. But you can create extra stereo width even with 0 tilt if you push the width control over 100.

TILT

The tilt control pans the signal with the Haas effect. So if you tilt to the right, the sound arriving in your left ear will be delayed, giving the impression that the sound is positioned on the right side of the stereo field. In this mode, tilt and width also interact closely, so tweak both for the best results.



- With this mode you can stereoize signals that were completely mono before!
- Double check your mix in mono when using the Haas effect. .
- Extreme width values in this mode work better on nonpercussive material. Try it on a mono synth pad to add some tasty width.

3. SPREAD CONTROLS

SOLO AND BYPASS

This allows to either solo the current processing, which will solo the audio of the corresponding band, or bypass the width and tilt controls.

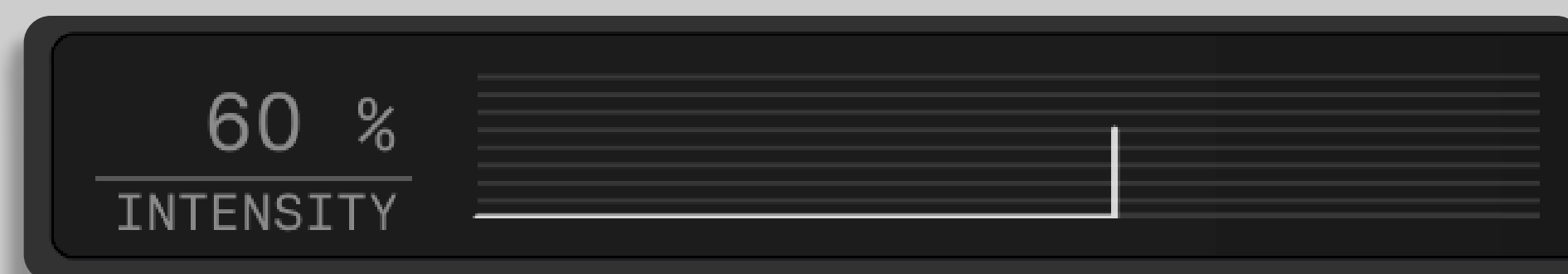
Use these features to quickly check a specific band by soloing it or toggling bypass to hear the effect more clearly.

You can also solo several bands at once!



INTENSITY

This control affects the intensity of the complete effect. Like a wet/dry function, this scales the values of all other parameters in the plugin. At 100% every effect is fully active, at 0% all values are in default positions and the incoming signal is unchanged.



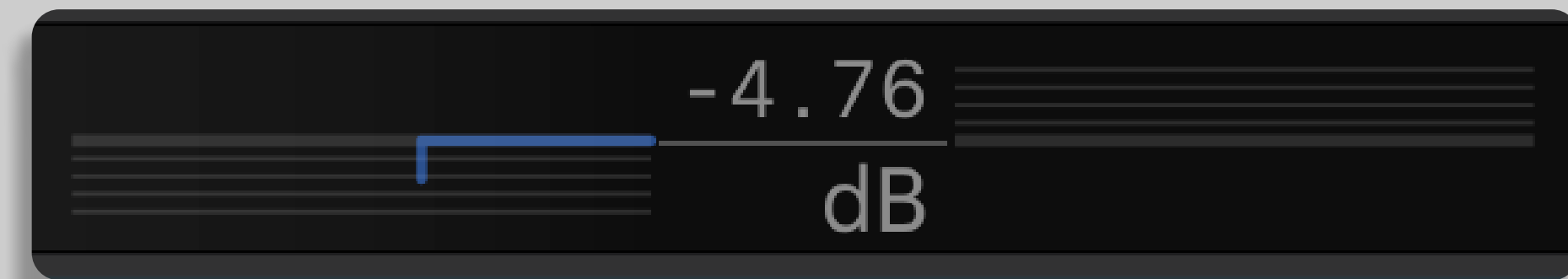
Automate this to give different sections of your songs a different width intensity. For example, make the backing guitar more centered in the verse and then increase its width in the chorus.

3. SPREAD CONTROLS

OUTPUT GAIN

This is the output gain stage of the plugin. Use this control to set the correct output level of the plugin.

The best way to control any effect is always to compare its effect at equal gain to the original. Altering the width of your input signal can affect its gain, so remember to compensate for it. Similarly if you have a signal with a lot of stereo information and reduce its width, you might get extra headroom to increase the gain of your signal.



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

If you need further support you can find our customer support contact form at:

“inert final link here”

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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