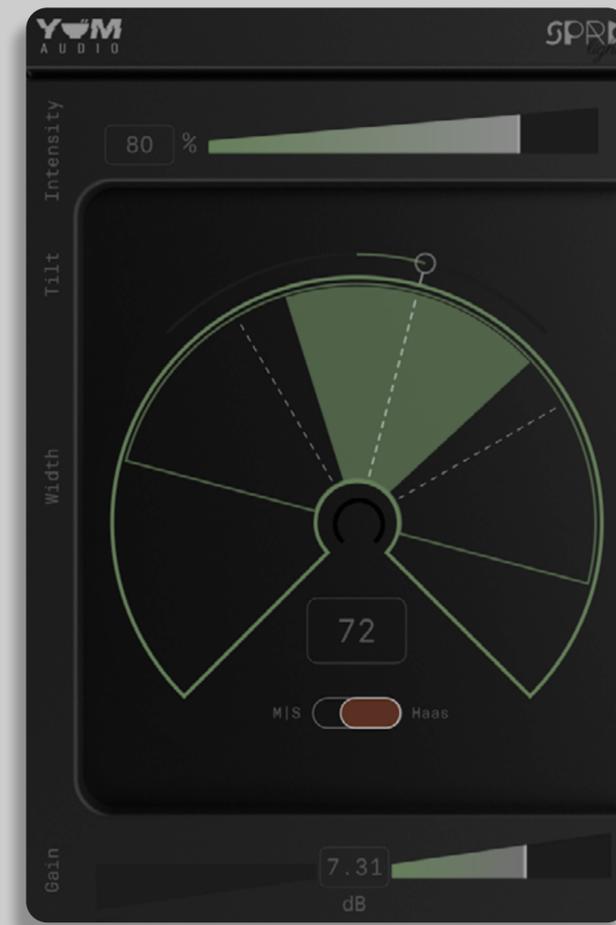


Owners Manual



SPREAD LIGHT

Hello and Thank you!

Thanks a lot for adding this Yum Audio plugin to your creative toolkit!

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 & ACTIVATION

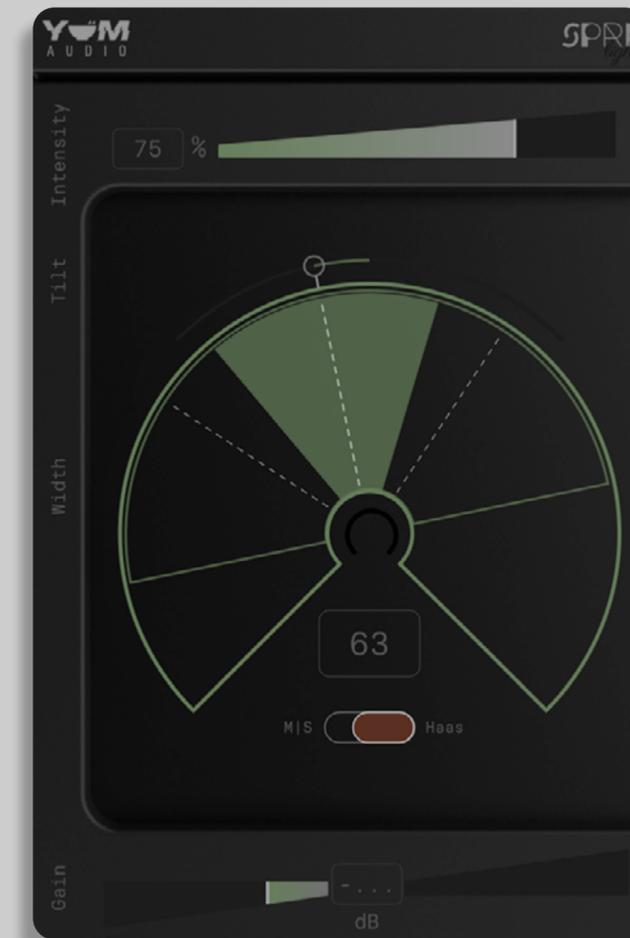
2. GLOBAL CONTROLS

3. PLUGIN FEATURES & CONTROLS

INTRODUCING SPREAD LIGHT

WHAT IS IT?

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

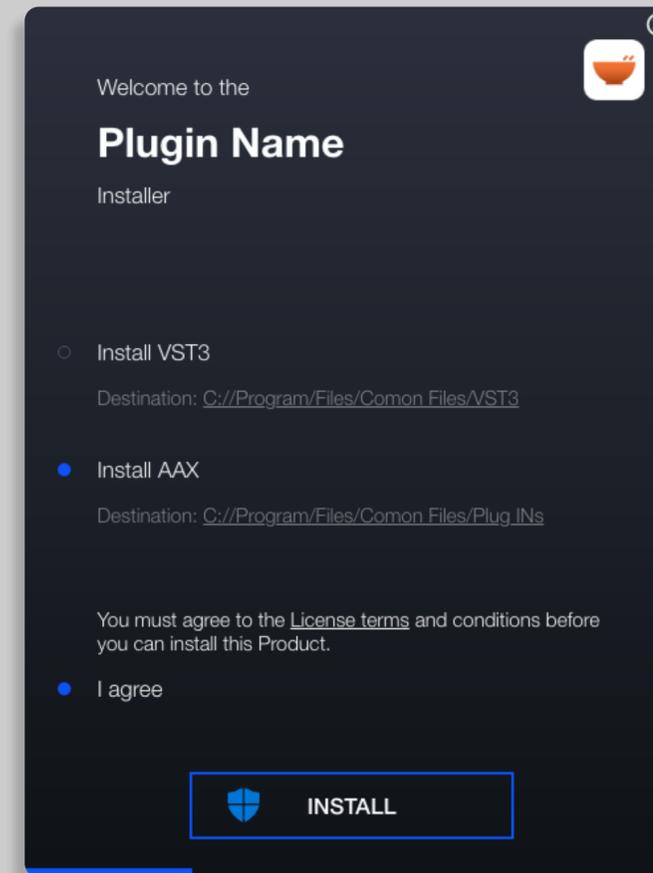
The following plugin types are available for Windows and Mac.

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

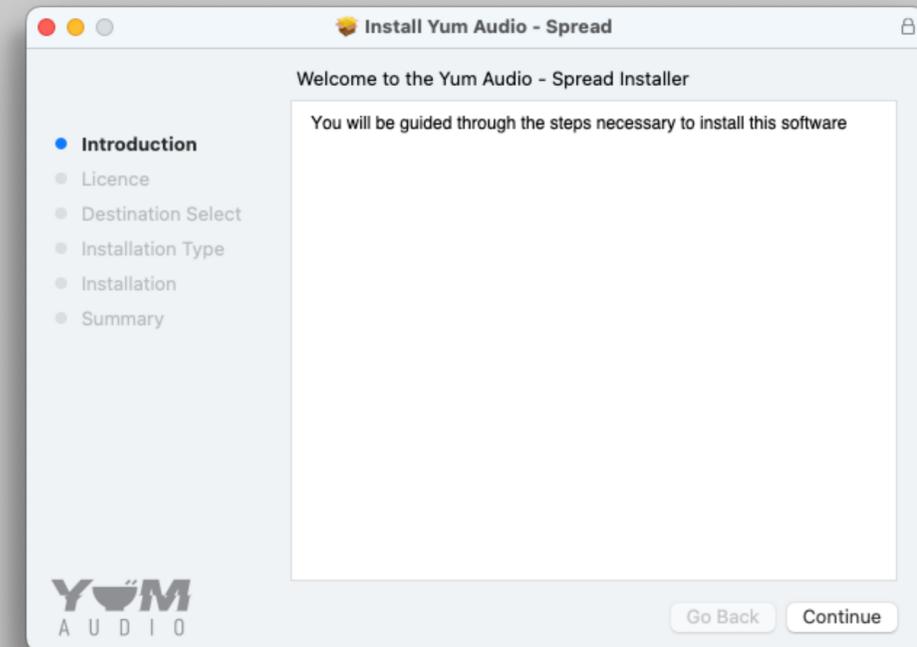
APPLE MAC

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 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

2. THE MENU BAR

Window Size of the plugin



By clicking on the Yum Logo and navigating to the Window Size Screen of the plugin.

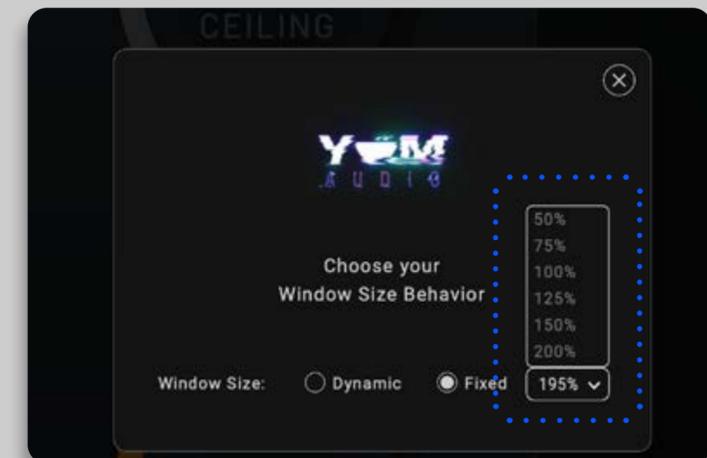
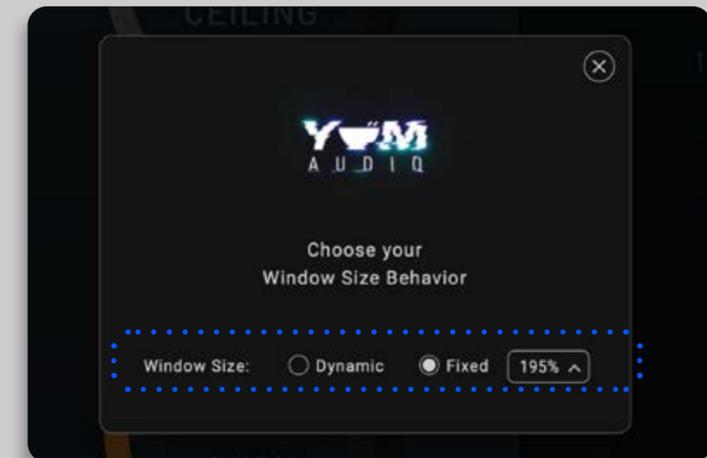
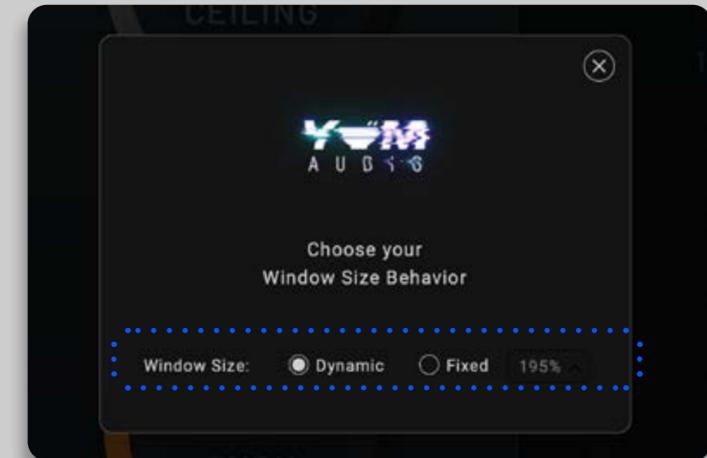
There are two modes to choose from: **Dynamic and Fixed**.

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**.

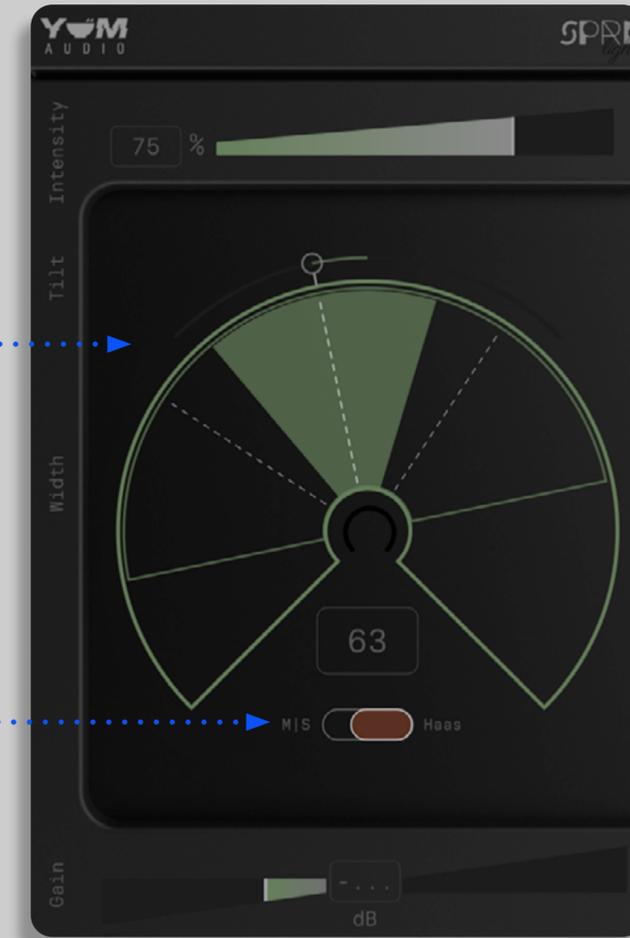
This mode is ideal for users who **prefer a consistent window size during their sessions**.



3. SPREAD LIGHT CONTROLS INTERFACE OVERVIEW

The heart of Spread Light is the Width and Tilt control. They allow you to alter the perceived width and position of a stereo signal in multiple ways.

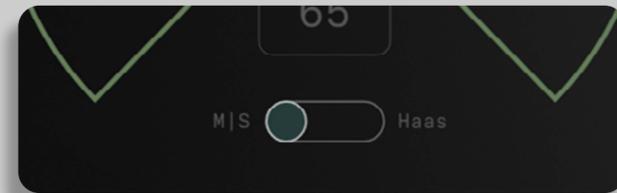
Both controls have two different ways to create these stereo manipulations based on the mode selected with the mode switch. The two modes are M/S (Mid/Side) and Haas.



3. SPREAD LIGHT CONTROLS

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 portions of a signal. This is great to add some subtle width during mastering, boost the width of a pad sound or really pinpoint an element in the stereo field.



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 portion of the input signal, making it sound wider.

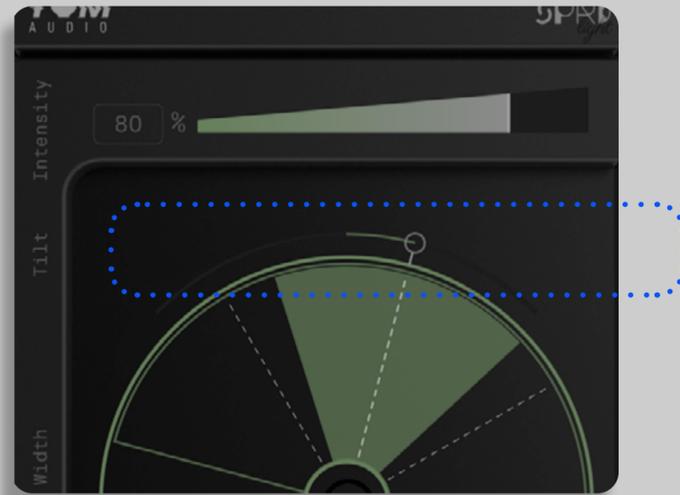


3. SPREAD LIGHT CONTROLS

TILT

The Tilt parameter in M/S mode is a stereo based signal panner, allowing you to position the audio in the stereo field from left to right.

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

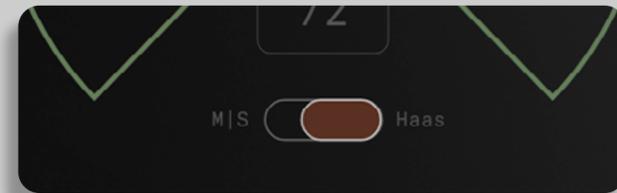


- Try to use the Width and Tilt parameters in combination to find the perfect spot for your sound in the stereo field.
- Use it during mastering to add or remove subtle amounts of width in your Stereo Mix.
- Use a big Width setting on things like Backing Vocals or Synth Pads to move them to the sides.

3. SPREAD LIGHT CONTROLS

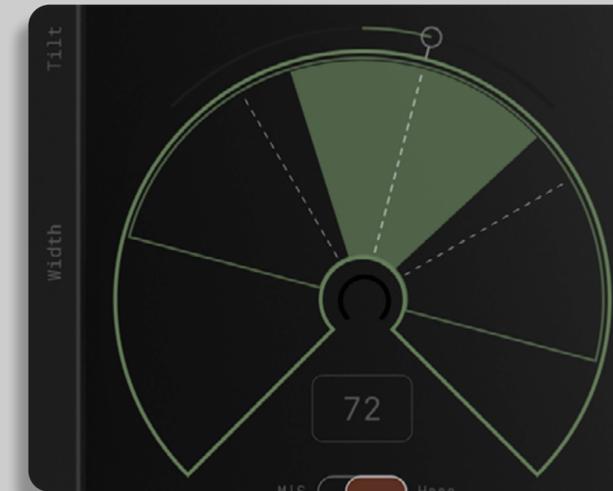
MODE 2 - HAAS

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 this mode controls the amount of the Haas Effect. Tilt and width play tightly together. But even with 0 Tilt, you can create extra Stereo width if you push the Width Control over 100.



3. SPREAD LIGHT CONTROLS

TILT

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

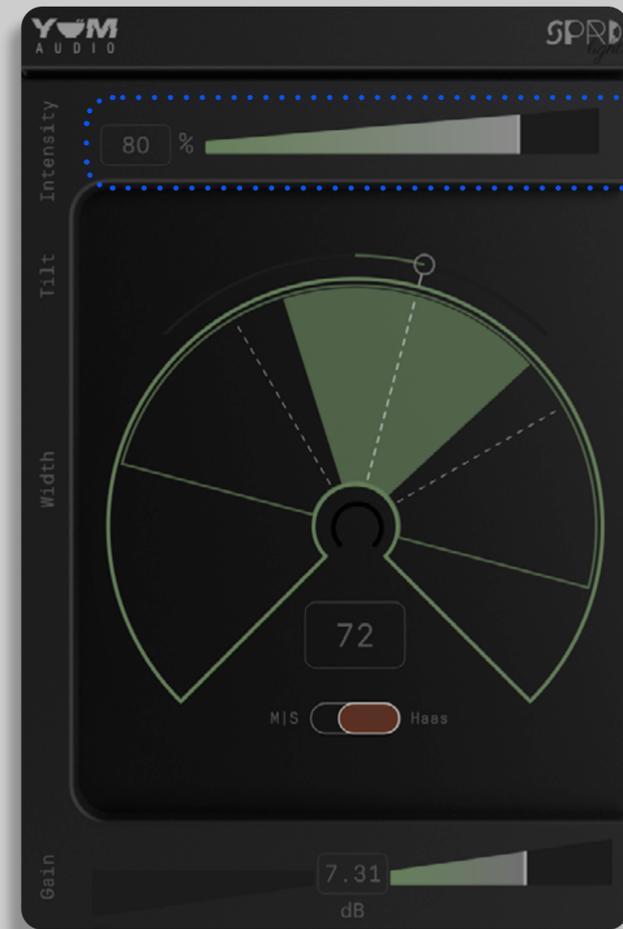


- With this mode, you can stereoize signals that were completely mono before!
- When using the Haas Effect, make sure to double-check your mix in mono.
- Extreme Width Values in this Mode work better on non-percussive material. Try it on a mono Synthpad to add some tasty width.

3. SPREAD LIGHT CONTROLS

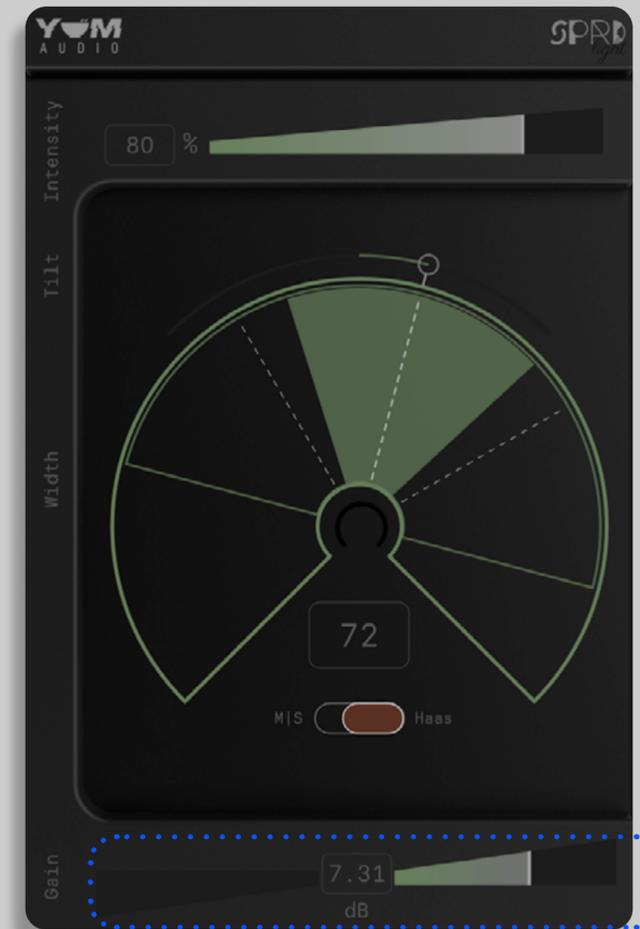
INTENSITY

This control affects the Intensity of the complete process. Similar to a wet/dry functionality, this scales the values of all other parameters in the plugin. With 100% every effect is fully active, with 0% all values are at their 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.



OUTPUT GAIN

The best way to monitor 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 make sure to compensate for it. The other way around, if you have a signal with a lot of stereo information and reduce its width, you might get some additional 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

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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