

SPREAD



Spread is an intuitive all in one multi-band stereo imaging plugin that will take your audio and spread it to widest and most accurate stereo image possible, correct balance and low end phase issues, while still maintaining excellent mono compatibility.



GETTING STARTED

INSTALLATION & ACTIVATION

For **Installation & Activation** support, please consult the **Plugin Alliance** activation page:

<https://www.plugin-alliance.com/en/activation-manual.html>



SWIVEL AUDIO

LOGIC PRO

Choose an empty insert slot on one of your audio tracks, instrument tracks or buses and select Spread from the pop up menu. You will find Spread in **audio units > SwivelAudio > Spread**.

ABLETON LIVE

In session view, select the track you would like to place Spread on. At the left top of Ableton Live's interface, click on the plugin device browser icon. From the plugins list, **double-click Swivel Audio > Spread** or drag it onto a track.

PRO TOOLS

Choose an empty insert slot on one of your audio tracks, instrument tracks or buses and **select Swivel Audio > Spread from the pop up menu**.

CUBASE

Choose an empty insert slot, for example in the mixer, and **select Swivel Audio > Spread** from the menu that appears.

MAIN CONTROLS



SWIVEL AUDIO

- 1. Spread Knob** - This knob will increase or decrease the stereo width of the entire signal equally across all 3 frequency bands. Note: Decreasing the stereo image will not work on mono tracks.
- 2. Frequency Band Offsets** - These sliders are designed to make width adjustments to each individual frequency band, which can be set with the 2-slider crossover below (#6).
- 3. Frequency Band Mute/Solo** - These buttons allow you to mute or solo individual frequency bands.
- 4. Side Roll Off** - This slider filters out all low frequencies occupying the *Side, up to a maximum of 200Hz. This is used to clean up any phasing issues as a result of low end stereo information. This slider does not in any way interfere with low end signal occupying the Mid portion of the stereo image.
- 5. Audition** - This button allows you to audition the signal occupying the Side's to ensure you're dialing in the correct setting.
- 6. Crossover** - This 2-slider crossover allows you to set the desired frequencies for each band.
- 7. Tilt** - The tilt sliders allows you to adjust the volume of the left and right sides of the stereo image, to better balance out signal, while maintaining the widest and most accurate stereo image.
- 8. Spread Type** - This switch will allow you to select between our original stereo expansion algorithm labeled ST (stereo), and a new MS (Mid Side) algorithm. Each sounds wonderful and uniquely different. Note: The MS algorithm is only available on Stereo tracks.
- 9. Out** - The output trim knob allows you to adjust the overall signal volume.
- 10. Switch** - Instantly generates a randomized setting across the plugin.

***Mid/Side processing works** by decoding a stereo signal into two components. The **'Mid'** channel contains just the information that appears in both the left and right channels, and the **'Side'** channel contains all the information that differs between the left and right channels.

SUPPORT

CONTACTING SUPPORT

If you need technical support visit the Plugin Alliance support page at: <https://support.plugin-alliance.com>

For sales related questions and contact the Swivel Audio team directly at: info@swivel-audio.com