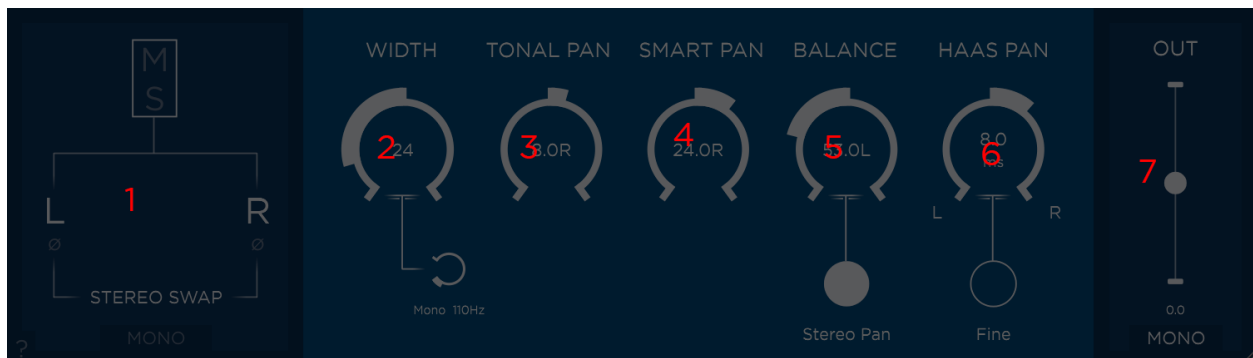


Panbox Manual

Welcome to Panbox! Here is a quick manual detailing every feature of the plugin.

If you have any technical issues, please contact us from the JDFactory website and we will be happy to assist you.



1. The Input section allows you to solo or extract any information out of the stereo signal. Want just the left channel but mono'd in the center? Easily done. During this phase you can prepare your signal for the panners that follow. Want to create a phase corrected "mono side signal"? it's also possible. Our input matrix gives you endless possibilities. The signal path is from top to bottom.
2. The width knob controls the stereo spread of the signal at the start of the processing chain, enabling you to fine-tune the width before panning. The Mono Freq knob sums the signal to mono below the selected frequency, providing additional control over the stereo image.

3. Tonal Pan offers a more natural pan. Unlike traditional panning methods that adjust the levels of the left and right channels, tonal pan uses filters that pan high frequencies before low frequencies. This results in a more lifelike and organic sound.

4. Smart Pan borrows some of the logic from Tonal Pan but goes further by introducing MS (mid/side) to the equation, resulting in an even more realistic stereo field in most situations. The algorithm preserves phase coherence as much as possible. This effect is 100% mono compatible and mono friendly. However, the benefits of smart pan might be more felt on wider sources. Smart pan preserves the side signal's integrity while doing most of its magic on the mid signal. This results in a preserved stereo field and reverb width.

5. Balance: A classic yet effective balance panner that adjusts the levels of each channel based on the panning direction. In Stereo Pan mode, the content of the opposing channel gradually blends into the channel you are panning towards, allowing for panning without any loss of information.

6. Haas Pan: Achieve the Haas effect with a simple knob! Delay one side of the stereo signal by a set number of milliseconds. When the Fine mode is activated, the available range narrows from 0-30ms to 0-1ms, allowing for micro delay adjustments.

7. The output section gives you control over the output level, as well as an option to mono the signal (useful for checking that your panning didn't do any damage to the source in mono).