



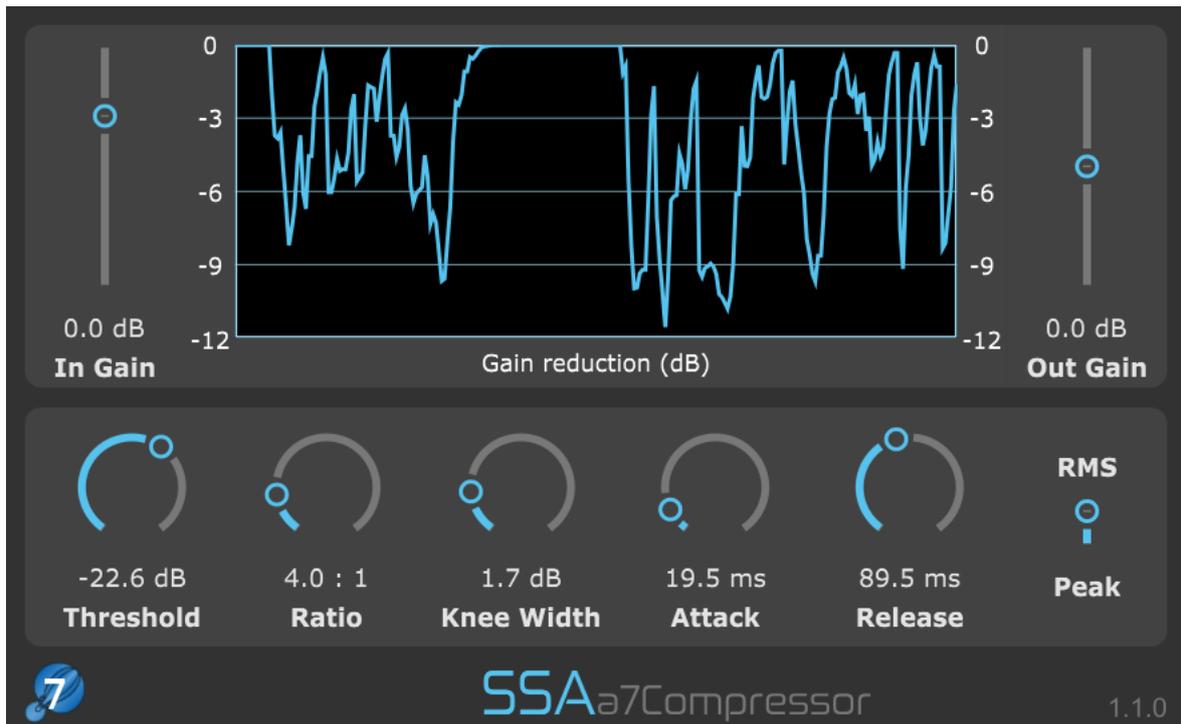
aXCompressor

a1Compressor/a3Compressor/a7Compressor

Ambisonic compression plugin

v.1.1.0

User Manual



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Requirements

To use the **aXCompressor** you must have a program or DAW capable of handling plugins with the required number of audio channels without applying any additional processing.

Installation

1. Download the .zip file from your account on <https://www.ssa-plugins.com>
2. Unzip the folder and run the installer to place the contents in the default VST3/AU/AAX folder on your computer.
3. Open your DAW and rescan for new plugins
4. Add the plugin to a new track that can handle multichannel audio. For example, in Pro Tools | Ultimate this will require you to create an Ambisonic track/buss.
5. If required, make sure your computer is connected to the internet, enter the serial number emailed to you to activate the plugin.

To uninstall simply delete the plugin files from your computer. On Windows you can uninstall from Add/Remove Programs.

Plugin Summary

The **aXCompressor** is a compressor that can be used on any Ambisonics channel format that has the W/omni channel as the first input.

Parameters

The **aXCompressor** has the following parameters:

- In Gain: Adjust the gain of the input signal.
- Threshold: Set the level threshold at which the compressor begins to act.
- Ratio: Adjust how much compression is applied to signals above the threshold. A ratio of 1 means no compression while higher ratios lead to stronger compression.
- Knee Width: Adjust how wide the knee is for the compression curve. Larger values lead to longer transitions between the uncompressed and compressed functions.
- Attack: The time in milliseconds (ms) for the compressor to become fully effect once a signal goes above the threshold.
- Release: The time in milliseconds (ms) for the compressor to fully switch off once a signal goes below the threshold.
- Level Detection: Selects whether the average or peak signal levels are used to trigger the compressor.
- Out Gain: Adjust the gain of the output signal after processing.

Usage Notes

The **aXCompressor** can be used on any Ambisonics format that has the W/omni channel as the first input.

Automatic Order Detection - The **aXCompressor** automatically selects order to match that of the input signal by estimating the signal order. This helps to keep the CPU use as low as possible while allowing the encoding order to be changed earlier in the signal chain without having to change parameters on the **aXCompressor**.

The displayed range of the gain reduction can be adjusted by right-clicking on the display area and selecting from the dropdown menu.



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