



MASSIMIZER

Manual v1.0.1



Welcome to MASSIMIZER

Your sound at its absolute limit. Loudness without compromise. Clarity without loss. Controlled aggression.

MASSIMIZER is more than just a ringmod sidechain compressor with saturation – it's a carefully designed system for extreme loudness enhancement without clipping, while preserving dynamics and detail.

Harmonic signal compression without frequency overload.

Tempo-synchronized oscilloscope – precise waveform visualization in sync with your track's rhythm.

Multifunctional dynamic meter – real-time monitoring of RMS, peaks, and LUFS-M.

Goniometer with phase analyzer and stereo widener – perfect stereo imaging and mono compatibility control.

MASSIMIZER is a professional tool for those who refuse to sacrifice quality for loudness. Use the same secret as top mixing and mastering engineers – controlled aggression and maximum power without clipping.

System Requirements

Windows

Windows 8 or later
64-bit version

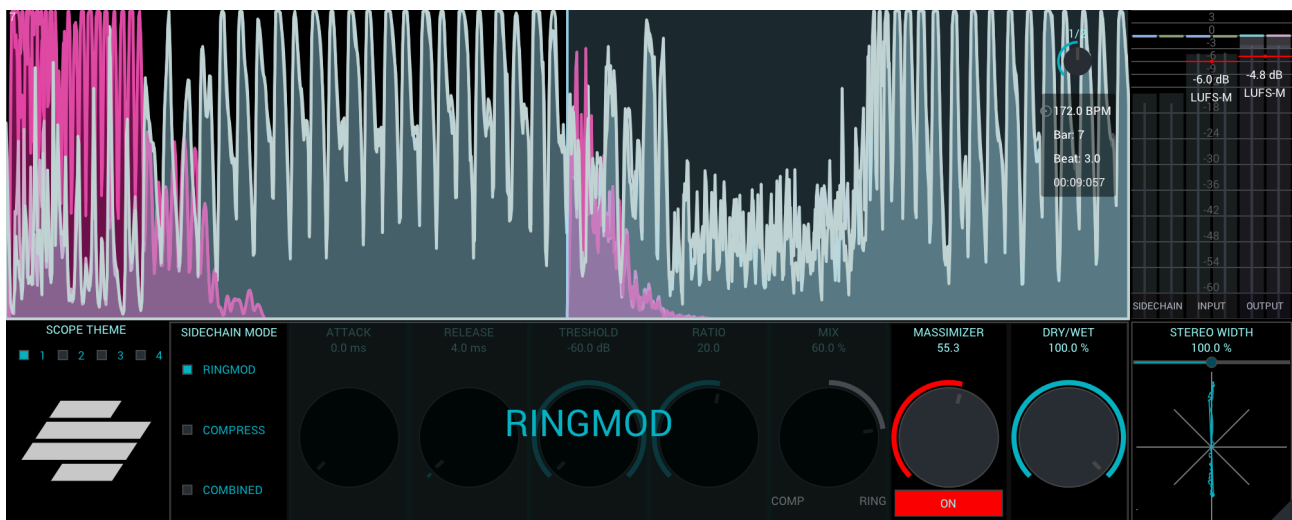
Mac

macOS 10.13 or later
Intel or Apple Silicon processor

Works with many DAWs that support VST3, AU

Quick Start Guide

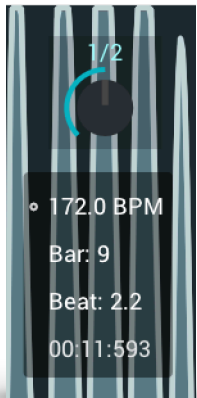
1. Insert MASSIMIZER on your bass track
 - Select the bass track and insert the plugin into the effect chain.
2. Send drum signals to MASSIMIZER's sidechain
 - Usually channels 3/4 or a dedicated sidechain output.
3. Ringmod Sidechain starts automatically
 - Plugin defaults to **RINGMOD** SIDECHAIN mode, creating powerful dynamic interaction between the bass and drums. The bass will make space in the mix rhythmically with kick and snare.
4. Monitor the result via Oscilloscope and Goniometer
 - Oscilloscope shows how the bass reacts to the sidechain signal.
 - Goniometer helps avoid phase issues during stereo processing.
5. Activate **Massimizer On** for extra punch
 - Adjust the Massimizer encoder to add harmonics and increase loudness, up to extreme levels.



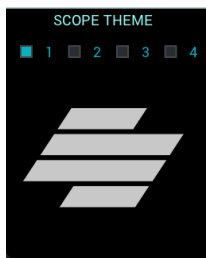
Result:

- Bass becomes more powerful without clashing with drums.
- Harmonic saturation adds density without losing clarity.
- Subjective mix loudness increases while maintaining dynamics.
- No clipping.

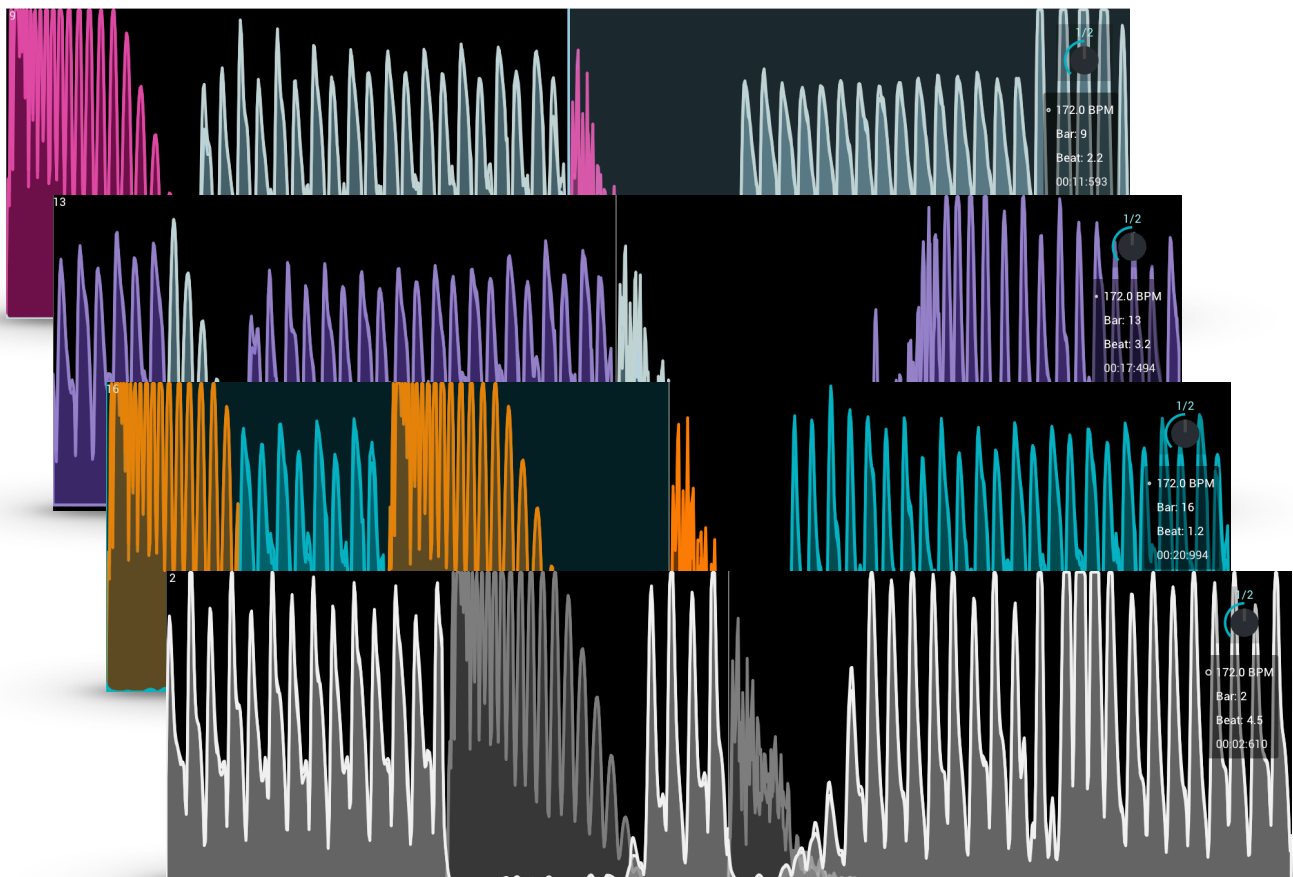
Overview of MASSIMIZER



Sync Window Size – Adjustable from 1/16 to 4 Bar



Scope color theme switch: 4 color presets available.





Sidechain Modes:

- Compressor - Only reduces level (Ducking), does not boost.
- Ringmod.
- Combined: Compression + Ringmod.

Massimizer

Harmonic saturation for increased perceived loudness. Inspired by techniques used in the UAD Precision Maximizer and Sonnox Oxford Inflator. Not 100% identical, but conceptually similar.

Standard Compressor Controls

Attack

Release

Threshold

Ratio

Mix Controls:

MIX (COMP / RING) - Balance between two types of sidechain. Active only in COMBINED mode.



DRY/WET - Final balance between dry and wet signals

Dynamic Analyzer:

Peak

Peak Hold

RMS

LUFS-M - For best accuracy, use more specialized audio metering plugins.

Goniometer:

Fader controls stereo width (the Side component)

Routing in Logic Pro: Features and Working with Stack Tracks

Routing in Logic Pro works somewhat differently than in other DAWs and may not be immediately intuitive, especially when it comes to Stack Tracks and sidechaining.

Problem:

If you select a Stack Track directly as a sidechain source in Massimizer, Logic will take the signal before any Audio FX are applied.

This means the sidechain reacts to the unprocessed sound – which can interfere with the intended result.

Correct signal flow:

Stack Track (e.g., Track: "DRUMS")

In the mixer, under the Output section, disconnect it from the Stereo Output and route it to an available Bus (e.g., "Bus 2 → Aux 3") – this will be the signal after all Audio FX.

In the Massimizer plugin, select "Bus 2 < DRUMS" as the sidechain source.

Now the sidechain reacts to the already processed sound.

[Stack Track (DRUMS)]



[Audio FX] - e.g., compressor, EQ



[Output: Bus 2] - (post FX signal)



[Massimizer [Side Chain : Bus 2 <- DRUMS]]