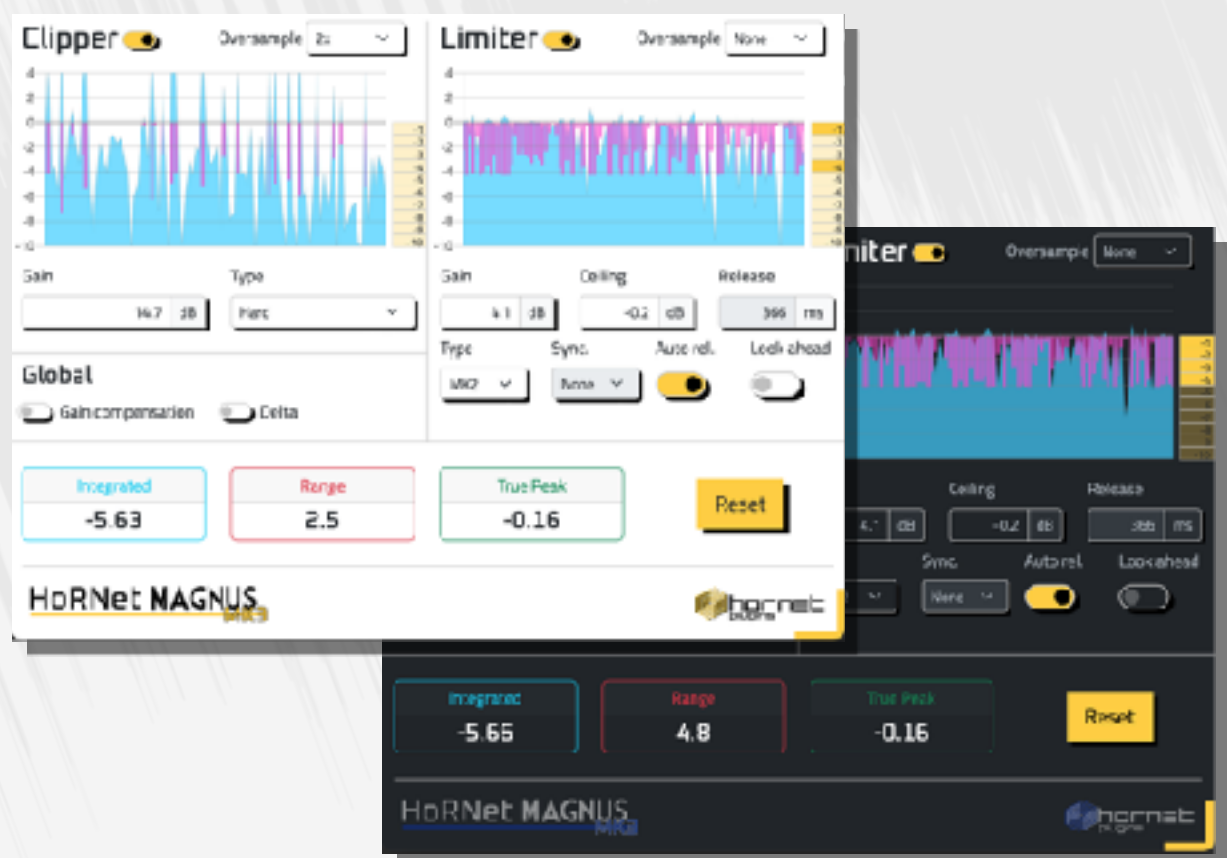


# HoRNet MAGNUS MK3

Thank you for choosing Magnus MK3, the ultimate brick wall limiter. This user manual will provide you with a comprehensive overview of the plugin's features and controls, empowering you to harness the full potential of this powerful audio mastering tool.

## Overview:

Magnus MK3 is designed to deliver precise and transparent audio limiting, allowing you to achieve optimal loudness while maintaining the integrity of your audio material. With its intuitive interface and advanced features, Magnus MK3 is suitable for a wide range of applications, from music production to broadcasting and post-production.



Let's explore the controls and functionalities of Magnus MK3:

### **Clipper Section:**

The clipper section offers five distinct clipper algorithms, including tape saturation, enabling you to add warmth, character, and dynamic control to your audio. The gain control adjusts the input level to the clipper, allowing you to drive the signal and shape the desired saturation effect.

### **Limiter Section:**

The limiter section features five carefully crafted limiter algorithms, including an authentic analog emulation. The gain control sets the input level to the limiter, while the adjustable ceiling limit prevents audio peaks from exceeding the desired threshold. The release control determines how quickly the limiter responds to changes in the audio signal, offering precise control over the dynamic range. The limiter also includes a lookahead option to reduce distortion even more.

### **Synced Release Time:**

By enabling the synced release time option, the limiter's release time synchronizes with your DAW's tempo, ensuring seamless integration with your music productions and maintaining the groove of your tracks.

### **Auto-Release Algorithm:**

The auto-release algorithm intelligently analyzes the audio material and automatically sets the optimal release time for the limiter. This feature simplifies your workflow and saves you time, while delivering outstanding results.

### **Oversampling:**

Magnus MK3 offers up to 16X oversampling for both the clipper and limiter, providing enhanced audio quality and minimizing aliasing artifacts, especially in high-frequency content.

## **Output Gain Compensation:**

To avoid being deceived by the perceived loudness increase introduced by the limiting process, the output gain compensation maintains a consistent loudness level while applying the desired amount of limiting.

## **Delta Mode:**

Engage the Delta mode to audition only the effect of the plugin, allowing you to critically listen and make informed decisions based on the impact of the limiting on your audio material.

## **Metering:**

Magnus MK3 provides comprehensive metering tools to help you monitor and analyze your audio. The LUFS integrated metering allows you to measure loudness levels according to industry standards. The LU range meter displays the dynamic range of your audio, ensuring a balanced and impactful sound. Additionally, the True Peak metering accurately detects inter-sample peaks, ensuring compliance with broadcasting standards.

## **Input Level Charts:**

The interface of Magnus MK3 includes two charts that display the input level for each of the modules - the clipper and the limiter. These charts provide visual feedback on the signal's intensity, allowing you to monitor and adjust the input levels for precise control over the audio processing.

## **Gain Reduction Meter:**

Adjacent to each chart, you'll find a gain reduction meter with peak hold functionality. This meter displays the amount of gain reduction applied by the clipper and the limiter. The peak hold feature allows you to observe the maximum gain reduction level over time, ensuring you have a clear understanding of the plugin's impact on your audio material.