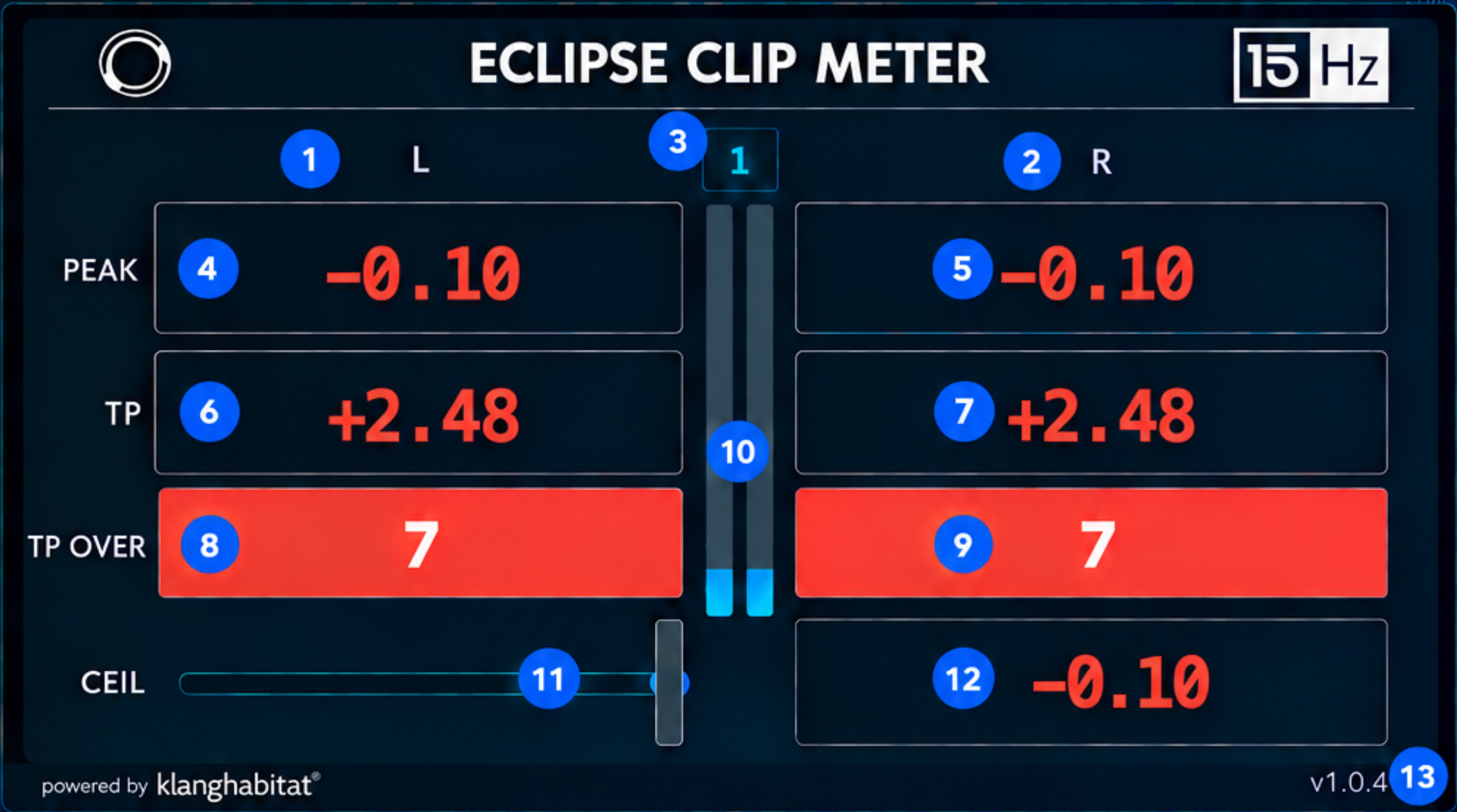




- 1 Left Channel (L)**
Displays all measurement values for the left audio channel.
- 2 Right Channel (R)**
Displays all measurement values for the right audio channel.
- 3 True Peak Over Momentary**
Shows the currently measured True Peak value in dBFS as a momentary value. Basis for the detection of sample overs.
- 4 Peak Display (L)**
Shows the highest sample peak of the left channel in dBFS.
- 5 Peak Display (R)**
Shows the highest sample peak of the right channel in dBFS.

- 6 True Peak Display (L)**
Shows the highest True Peak value of the left channel in dBFS (including sample overs).
- 7 True Peak Display (R)**
Shows the highest True Peak value of the right channel in dBFS (including sample overs).
- 8 True Peak Over Counter (L)**
Shows the number of consecutive samples that exceed the set ceiling value.
- 9 True Peak Over Counter (R)**
Shows the number of consecutive samples that exceed the set ceiling value.
- 10 Sample Over Scale**
Visualizes the level of the overshooting sample peaks and their intensity. The logarithmic scale shows the strength of the overshoots of the following samples above the ceiling value.

- 11 Ceiling Control**
Sets the maximum digital value that is interpreted as an overshoot. Adjustable range: -12 dBFS to 0.01 dBFS. Coarse adjustment with the fader. Fine adjustment with the mouse wheel.
- 12 Numerical Ceiling Display**
Shows the currently set ceiling value in dBFS.
- 13 Version Display**
Shows the current plugin version (e.g. v1.0.4).

Technical Data

- Peak measurement (sample peak)
- True peak measurement (incl. sample overs)
- Measured true peak overs (momentary)
- Logarithmic sample over scale
- Adjustable ceiling: -12 dBFS to 0.01 dBFS (0.01 dB steps)
- 24-bit ceiling
- Stereo (L/R)
- Low CPU load
- Plugin formats: VST3, AU (macOS & Windows)
- Suitable for all common DAWs

Typical Applications

- ✓ Mastering & high-end productions
- ✓ Analysis of streaming releases (e.g. Spotify, YouTube, etc.)
- ✓ Comparison of different master versions
- ✓ Detection of true peak overs and sample clipping
- ✓ Optimization of loudness and dynamics
- ✓ Quality control for offline and online distribution
- ✓ Analysis of analog signal paths and AD converters

About the Eclipse Clip Meter

The Eclipse Clip Meter is a specialized measurement tool for detecting and quantifying digital overshoots.

In addition to peak/PPM and true peak measurements, it analyzes true peak sample overs and consecutive samples that cause a 24-bit PCM signal to exceed the maximum digital value of 0 dBFS.

The meter displays Peak Hold values for all indicators (peak, true peak and over counters). When a numerical value is clicked, the corresponding peak hold is reset and the meter starts fresh.

The logarithmic sample over scale and the flexible ceiling control enable precise assessment of clipping strength and can be adapted to different use cases – ideal for modern production and streaming standards.