



Signal Noise SN05-G

Brickwall Limiter

INSTALLATION

The package should contain the following files:

<i>SN05G Limiter.dll</i>	- 32bit version with GUI
<i>SN05G Limiter x64.dll</i>	- 64bit version with GUI
<i>sn05_manual.pdf</i>	- manual (this file)

To install the plug-in, copy the DLL files of the version(s) you wish to use to the respective VST plug-in folders. Tested with Cubase 5.1 (32-bit) and Cakewalk 2019 (64-bit).

CREDITS

SN05-G uses limiter algorithm by (c) 2011 M. Holters. Plots used in Appendix of this manual were generated with VST Plugin Analyser by Christian-W. Budde [1].

DISCLAIMER

'VST' is a technology and a registered trademark of Steinberg. All other mentioned trademarks belong to their respective owners.

This software is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

[1] <http://www.pcv.de/applications/measurement-programs/>

DESCRIPTION AND GENERAL USAGE

SN05-G, as its name implies, is a brickwall limiter. Its main purpose is to sit at the very end of signal chain in DAW, but it can be used on individual tracks, too. Click and drag the knobs to increase or decrease the values; ctrl-click the knobs to reset them to defaults.

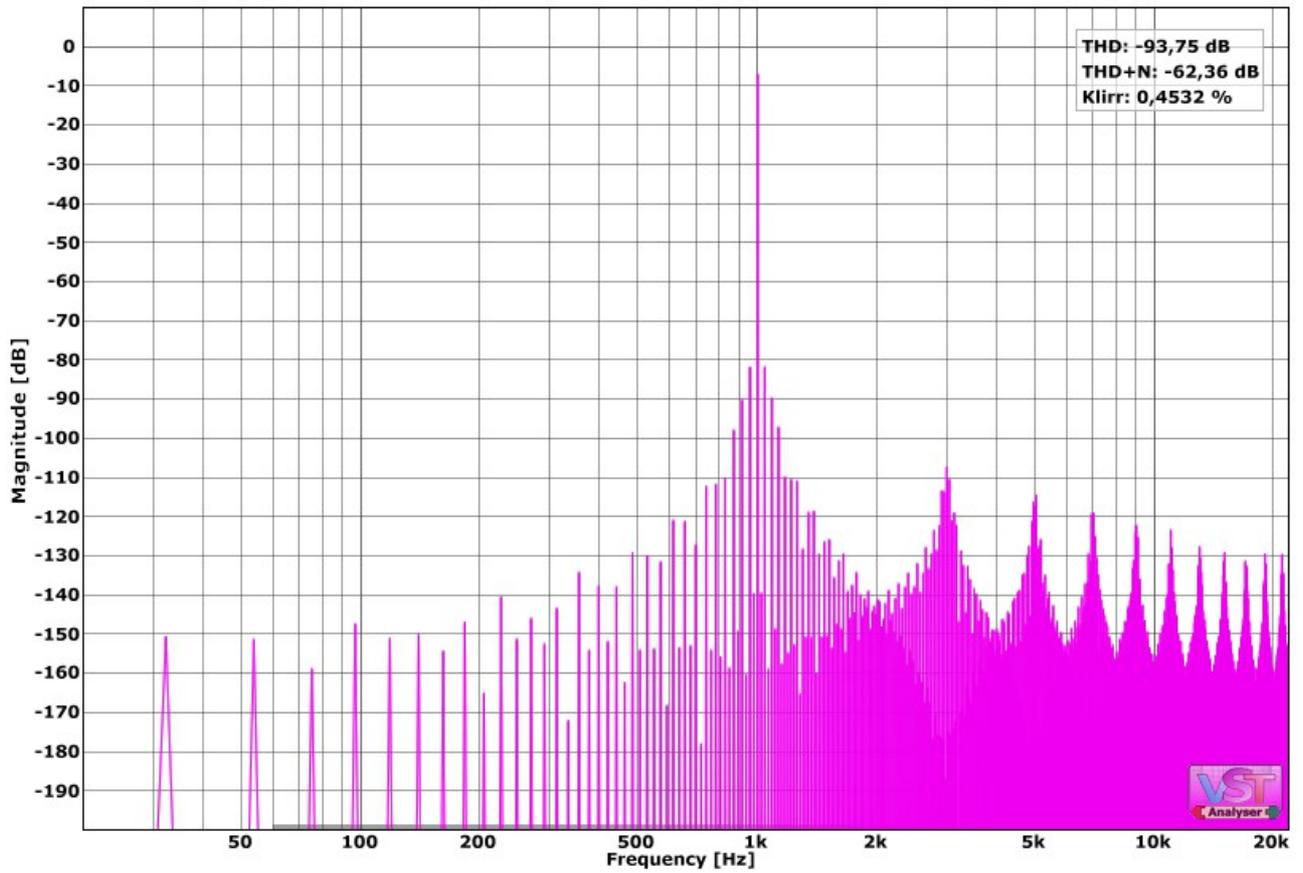
CONTROLS



Figure 1. - GUI - default settings

- 1) **Gain:** Sets the input gain from 0dB to +24dB.
- 2) **Ceiling:** Sets the sample peak ceiling 0dBFS to -24dBFS.
- 3) **AT:** Sets the attack time of the limiter (0.02-10ms).
- 4) **R1:** Sets the release time of the limiter (1-5000ms).
- 5) **R2:** Sets the release time of the clipper (0.1-20ms or 0.1-500ms with limiter on).
- 6) **Limit / Clip:** Flip this switch up (Limit) to engage limiter before clipper. Flip this switch down (Clip) to bypass the limiter (signal passes only through clipper).
- 7) **GR meter:** Displays the amount of GR (limiter or clipper, depending on L/C switch).
- 8) **L / C:** Select L to display limiter's GR, select C to display clipper's GR.

APPENDIX



THD - defaults with gain +10dB and ceiling -1dBFS