Nodens Software TheGRINDER Documentation

--> "The MIDI Update" Edition <--

This document covers just about everything you should need to know about TheGRINDER. Please note the titles on each section to aid your reading, in case you're looking for anything specific.
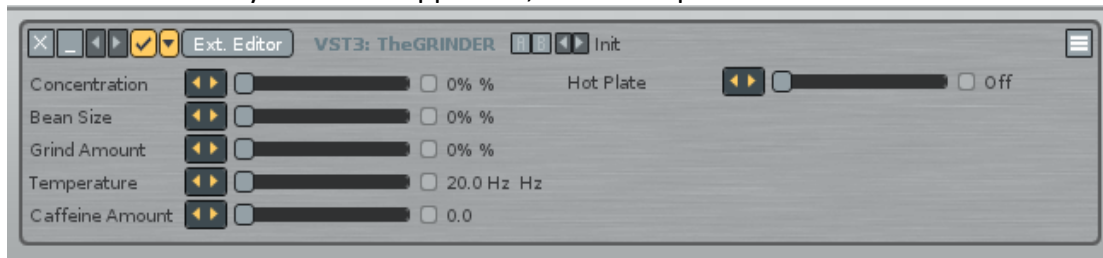
Changelog:

Improved layout, divided between distortion and sound-shaping controls and filter controls (right and left halves respectively)

Reworked how the saturation works, it now reduces the overall volume instead of adding a gazillion decibels to it, as it previously did.

Added a knob (Concentration) to control the previously fixed-position Resonance parameter of the ladder filter. It was fixed at 70%.

And most importantly, the headline of this update, full MIDI CC support, so it actually saves its state instead of resetting to the original state, as it did previously. You aslo may use it without the GUI if your DAW supports it, like in the picture below in Renoise.

Installation Guide

Windows: Drag the downloaded file into "C:\Program Files\Common Files\VST3". This process may require administrator privileges as Windows by default doesn't like people snooping around that folder.

MacOS: Drag the downloaded file into "~/Library/Audio/Plug-Ins/VST3". Mac compatibility has not been confirmed to work, do not expect it to work on your Mac.

Linux: This process requires Wine and Yabridge, all you need to do is drag the VST3 file into the '$HOME/.wine/drive_c/Program Files/Common Files/VST3' folder and run 'yabridgectl' to update Yabridge. Compatibility with Linux has not been tested, please be my guest to see if it works. If you would like more information on Wine and Yabridge, Google and Youtube can help with that.

After installing the plugin into the VST3 folder, please consult your music production software's user manual for extra help on installing VST effect plugins.

Functions:

Bean Size: Amount of saturation

Grind Amount: Amount of bitcrushing

Caffeine Amount: High shelf boost at >10kHz

Temperature: Ladder filter acting as a low pass filter.

Concentration: Adjusts the resonance (Q) of the ladder filter.

Hot Plate: Toggles the aforementioned ladder filter on and off. When it is set at the off position, the filter is bypassed.

Signal Chain:

Bitcrusher --> High shelf boost --> Ladder filter (Bypassable) --> Saturation.

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