VADIM TARANOV

AMP SIMULATION

USER MANUAL

NOISE SUPPRESSION

Contents

1. Introduction

"Noise Suppression" is a 32 and 64-bit PC VST plug-in that was designed to as transparently as possible, in real time, without any latency, reduce static noise that direct injection (aka DI) electric guitar recordings usually have a much.

The plug-in is free of charge, e.g. completely free for download.

2. Installation

Noise Suppression is a Windows (PC) VST 32-bit and 64-bit plug-in. This means you will need a 32 or 64-bit digital audio workstation (DAW). If your DAW runs 64-bit you have to use a 64-bit version of the plug-in and/or if your DAW is 32-bit please use 32-bit plug-in.

Here are some tips on installing for:

-32-bit:

Extract NoiseSuppression.dll or if the plug-in was purchased, NoiseSuppression.dll files into the folder that is meant to contain VST plug-ins and linked with your DAW.

 For example it may be:

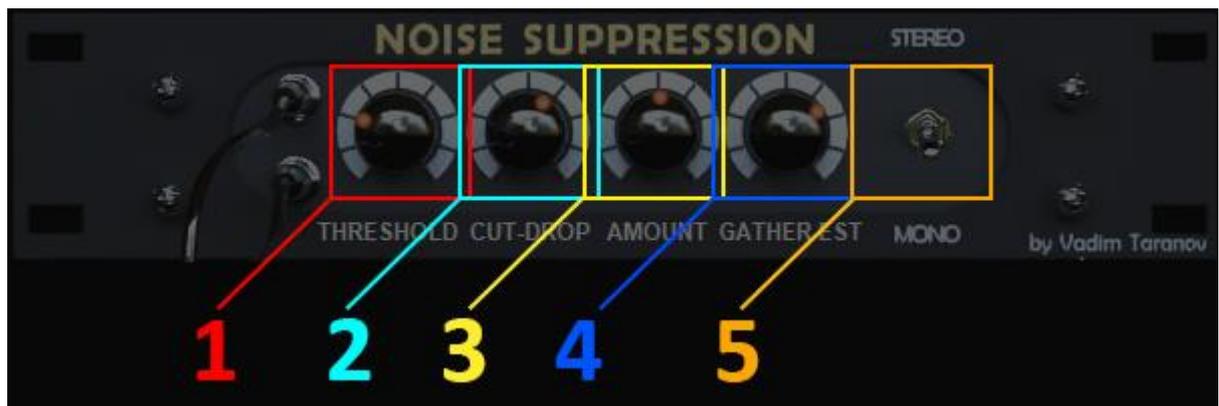1) C:\Program Files\Steinberg\Vstplugins\

-64-bit:

Extract NoiseSuppression_64.dll or if the plug-in was purchased, NoiseSuppression_64.dll files into the folder that is meant to contain VST plug-ins and linked with your DAW.

For example it may be:

1) C:\Program Files\Steinberg\Vstplugins64\

When these files are extracted into your VST plug-ins directory, follow the further instructions of your DAW to enlist the plug-in into your DAW's 3rd party VST list. Then you can use Noise Suppression as an external sound effect.

3. Usage

1 – THRESHOLD - (red):

- *Threshold* – the lower input of your signal is, e.g. input volume – the higher the threshold should be, otherwise noise suppression result might sound too washed out and mushy. The higher the threshold the less effect of noise suppression is in overall.

2 – CUT-DROP - (light blue):

- *Cut-Drop*– defines the minimum possible low-pass cut-off frequency, e.g. the limit at which filter can't go further and filter out usually useful low-end.

3 –AMOUNT - (yellow):

- *Amount* – determines the filter steepness and as result the amount of noise suppression;

4 – GATHER EST (blue):

- *Gather Estimator* – sets the high-pass cut-off frequency for signal envelope extraction, the higher the value, the higher the amplitude difference between useful signal and noise.
Increase the value (turn right) if some noise still appears between pauses or palm mutes. Or decrease if it's mushy.

9 – Stereo/Mono switch – (orange):

- **Stereo/Mono switch (marked blue):**

- *In the Stereo mode* you can process two totally independent from each other audio track.

4. User agreement.

By downloading Noise Suppression plug-in, both 32-bit and/or 64-bit you accept the following terms:

- When starting the plug-in for a first time you are going to take your audio system volume down to assure yourself that no damage occurs;
- You may use the plug-in on any of your computer;
- You may use the plug-in in your commercial projects;
- You may distribute the plug-in among 3rd parties;

5. Afterword and contacts

I hope reading this manual helped you to understand what Noise Suppression is.

You can find me here:

https://www.facebook.com/vadim.taranov.1

Become a member of my group:
https://www.facebook.com/groups/519788281506341/

In this group you can find all the recent information about my VST projects, write a post, become a tester, talk to the other users and find more interesting stuff. Please make sure that to get into the group you must answer the pending questions that describe the rules and wait for an approval.

Or mail me at: pvdhp7@gmail.com