

VADIM TARANOV

AMP SIMULATION

USER MANUAL

MARS JFD



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1. Introduction

“Mars JFD” is a 32 and 64-bit PC VST plug-in that is based on Marshall AFD 100 reamped guitar tracks.

The plug-in is provided for free and may be used for any type of work including commercial. This time Mars JFD comes in two versions:

- 1) The most accurate of mine and is reissue of v4a3 with minor bug fixes and slightly different “Gain” knob behavior.
- 2) The reissue of publicly available version 1. It might be not as accurate as the first one but some people still prefer this one due to some reasons.

Both versions now include HQ/LQ modes. LQ mode can be used as an option to reduce CPU consumption twice but it is only truly effective while operating in Stereo mode.

2. Installation

Mars JFD 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 the 32-bit plug-in.

Here are some tips on installing for:

-32-bit:

Extract MarsJFD.dll or if the plug-in was purchased, MarsJFD.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 MarsJFD_64.dll or if the plug-in was purchased, MarsJFD_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 Mars JFD as an external sound effect.

3. Usage



1 – Common signal loudness controls – (red):

- *Presence* – controls the amount of mid-high end before the power-amp;
- *Input* – implies control over the input signal amplitude;
- *Gain* – controls the amount of distortion of the amp;
- *PA Drive* – sets the power amp overdrive amount;
- *Output* – the final output volume control;
- *Bass* – controls the amount of low end before the power-amp;
- *Mid* – controls the amount of middle range before the power-amp;
- *Treble* – controls the amount of high end before the power-amp;

2 – #34 switch – (green):

- *#34* – when up, enables #34 mode producing brighter tone with less gain;

3 – Stereo/Mono switch – (cyan):

- Stereo/Mono switch (marked blue):

- *In the Stereo mode* you can process two totally independent from each other audio track. *It's recommended that* the two tracks to be hard panned left and right, so no bleeding or interference would occur between them.
Stereo mode is active in “Up” position.

4 – Quality switch (yellow):

- *Quality switch* – HQ active in up position;

HQ/LQ allows switching between an oversampling that is multiple of 4 (**HIGH**), and a mode without an oversampling (**LOW**), which can be used as a “Draft mode” as it results in more digital artifacts presented to the sound, but less CPU usage. If your computer can't handle working in the Stereo mode in real-time, then it's recommended to use Low Quality mode. Always, when working in the Stereo mode, a plug-in consumes twice as much of CPU power required to process two (left and right) channels separately from each other. The LQ mode allows overcoming this problem and having that CPU consumption as if it was working in mono.

5. User agreement.

By downloading the demo version 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 make sure that no damage occurs;
- You may use the plug-in on any computer system that belongs to you;
- You may not redistribute the plug-in among 3rd parties anywhere;
- You may not disassemble or decompile the plug-in;
- You may use the plug-in in commercial works.

6. Afterword and contacts

I hope reading this manual helped you to understand what Mars JFD 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