

VADIM TARANOV

AMP SIMULATION

USER MANUAL

JUMP



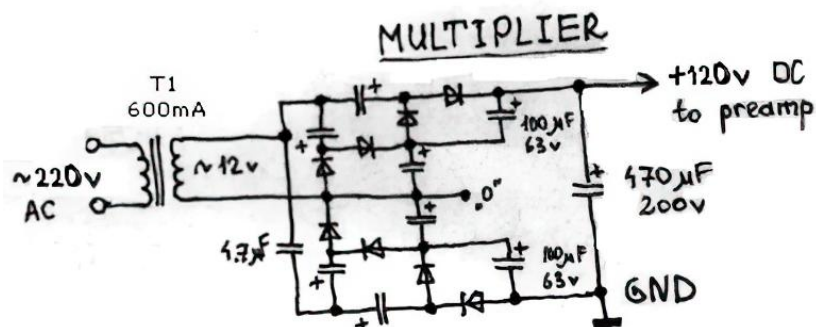
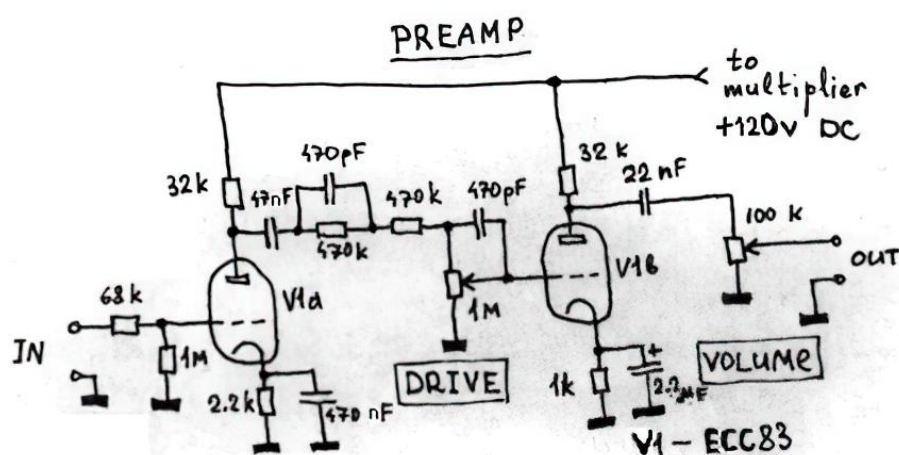
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1. Overview

“Jump” is a 32-bit and 64-bit PC VST plug-in that tries to replicate Tomato[®] tone

The reference tone was retrieved by reamping a special DI through the amplifier schematics. Then, the computer model was configured in such a way to make it sound close to the model.



Diodes are 1N4004
Capacitors 47uF x 63v

USE THE SAME TRANSFORMER
12V WINDING FOR
TUBE HEATERS pin4 and pin5

TOMATO PREAMP



- COPYRIGHT -

designed by
Igor Shaev
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Lithuania 2002

2. Installation

Jump 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).

Extract Jump.dll to your 32-bit VST-plug-ins directory and

Jump64.dll to your 64-bit VST-plug-ins directory

For example it may be:

1) E:\VSTPLUGINS\

2) E:\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. Then you can use Jump as an external sound effect.

3. Usage



1 – Quality switch (marked yellow):

- *Quality switch* – allows switching between an oversampling that is multiple of 4 (**HQ**), and a mode without an oversampling (**LQ**), 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. Usually, 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 would worked in mono. HQ/LQ mode isn’t available in a 64-bit plug-in.

2 – Amplifier controls (marked red):

- *Input* – implies control over the input signal amplitude;
- *Gain* – determines how much distortion the amp gets;
- *PA Drive* – sets the power amp distortion 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;
- *Depth* – controls the amount of low end before the power-amp;
- *Presence* – controls the amount of mid-high end before the power-amp;

3 - Stereo/Mono switch (marked blue):

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

4. End user agreement.

By downloading Jump you accept these 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.

5. Afterword and contacts

I hope reading this manual helped you to understand what Jump 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, make 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