

Dear Virus PowerCore user,

A new version of the Virus PowerCore has been made available for public testing. Version 2.0 addresses all issues listed below.

1.Loss of Synchronization/Bad Timing

The new version improves the timing of clocked LFOs or Arpeggiator patterns when using a loop in the sequencer.

Quote from original petition: Single triggered notes, Arpeggiator, LFO, Effects sync, Oscillator sync and generally all synth components that are supposed to be in sync with each other and ultimately with the sequencer. Whenever we touch a virtual knob to automate or change a parameter ,the synth goes completely out of sync*. Also it is possible to lose sync after some time without even touching it. This makes classic synchronized/ gated or arpeggiated sounds impossible to achieve.

2.Hanging notes

Multiple issues that might result in stuck notes have been addressed

Quote from original petition: During playback, notes triggered by the Virus will hang. Known workarounds include hitting the stuck note or stopping and restarting playback, or in other cases only by engaging the arpeggiator on and off.

3. Program changes are now officially supported

A new feature has been introduced. The Virus Powercore adds a folder called "RAM Banks" where 8 banks are available as MIDI files. This folder and the files are available through the Load and Save menus. The "RAM Banks" folder is always shown at the top of the list. The patches within the file won't be sorted alphanumerical like the other files. Additionally, the index number will be shown in front of the patch name, so a user can easier address a specific slot. The banks can be addressed by program change messages when using Bank Select LSB (CC 32) and Program Change MIDI event. A Bank Select value of 0 addresses Bank A, a value of 1 addresses Bank B, etc.

Original quote from petition: PGM (Program change management): The PGM change does not work for user patches. It works for a ghost bank which is inaccessible.

4. Plug-in cannot run on all DSPs possibly available when using the unlimited version

This Issue is often enough is related to the used computer hardware. As long it is regarding the Virus Powercore, a user might try to use the stereo version to reduce the bandwidth needed by the plug-in. The stereo version announces less channels to the system and therefore reduces the amount of data transmitted.

Quote from original petition: Multi-license misbehavior: The multi license plug in cannot run in all DSP chips of an external powercore card (via firewire), due to the limitation of technology (bandwidth problems), but there is no mention in their websites for that.

5. GUI issues

All known issues have been addressed

Quote from original petition: GUI: If parameter values are input with the keyboard, when Enter is pressed the parameter does not register the new value and the GUI refreshes with a disordered condition.

6. FX Page Ring Modulator doesn't work under certain circumstances

This issues has been addressed.

Quote from original petition: Ring Modulator Fx: Acts unpredictably and also does not work at all on page 4, the "FX-1" page.

7. Audio pops and glitches

Multiple precautions have been taken to avoid audible glitches with modern DAWs and CPU configurations. We found that some artefacts may be the result of a large number of open channels which are straining the system. Users should instantiate the stereo version instead of the multi channel version whenever possible to reduce the load on the system.

Quote from peption: Audio Pops, clicks and glitches. In many circumstances, using more than one patch (and in some cases, more than one virus instance with multi-license) causes playback to glitch out. This happens even when the synth is not being played and sometimes when the sequencer itself is not playing. It is apparent as soon as the plugin is loaded, whether directly into a project, or as part of a saved project.