HALion 4

Version history
Known issues & solutions

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About

Congratulations and thank you for using HALion!

This document lists all update changes, fixes and improvements as well as known issues and solutions for HALion 4.

We wish you creativity and success using HALion!

Your Steinberg team

HALion 4.5.4

Issues resolved

The following table lists all issues that have been resolved and the improvements in this version.

ID #	Issue
5120	Issue with opening and loading HALion projects in Cubase 7.0.0 resolved.

HALion 4.5.3

Improvements

Module and section preset menu

The module and section preset menu has been improved and offers additional navigation-, search- and selection functions.

Context menues

Additional context menues entries in the Program Table ("Save all programs" and "Save selected programs") and the Slotrack ("Save all Programs") enable users to save multiple programs at once.

Issues resolved

The following table lists all issues that have been resolved and the improvements in this version.

ID #	Issue
4516	MIDI: "Key Off" sounds are now affected by expression controller (CC11).
4503	Logic: AU plug-in now hands over key commands to Logic.
4492	MIDI: NoteOffs from one program no longer end notes in other slots working on the same MIDI channel.
4397	MIDI: Selecting RPN "Null" no longer resets the controller.
4386	MediaBay: Editing tags in the sample browser is disabled to avoid data lost.

HALion 4.5.2

Improvements

FlexPhraser preset menu

The FlexPhraser preset menu has been improved and now offers additional navigation-, search- and selection functions.

Issues resolved

The following table lists all issues that have been resolved and the improvements in this version.

ID #	Issue
4247	MIDI: NoteOff timing has been improved with larger buffer sizes.
4245	MIDI: Velo 0 is now interpreted as NoteOff.
4187	MIDI: An issue that appeared when occasionally not all necessary notes were triggered after starting a MIDI file has been resolved,.
4242	MediaBay: "Reset Search" key command function no longer depends on current focus.
4240	MediaBay: An issue with "reverse order" when dragging programs from the MediaBay to the slot rack has been resolved.
4200	MediaBay: The cursor now snaps by default to the text box that appears when clicking on the input text field.
4065	MediaBay: An issue that only appeared with disengaged "Keep Dialog open" when loading a program via double-click in the floating MediaBay window has been resolved.
4052	MediaBay: Return key functionality in program structure has been improved.
4239	Export: The option to "cancel" the export of a multi/VST Sound while exporting has been added.
4181	Export: "Export Samples" option is now available even if no layer is selected. "Export Layer with Samples" is allowed only if a layer is selected.
4216	GUI: Drawing errors (gray areas) that appeared after loading programs no longer occur.
4211	Import: Issues that appeared in the "Find Missing Samples" dialog have been resolved.

4138	Import: Search for hyphenated items has been improved.
4075	Import: REX import issues have been resolved by adding a postfix "halimported" to the newly created file.
4208	Mapping Editor: An issue has been resolved that appeared when using [CTRL]+ [Cursor keys] in the mapping editor on the Mac version of HALion.
4168	Slot rack: An issue that displayed an empty slot rack on reloading a previously saved project has been resolved.
4185	Slot rack: "Rename" has been added in context menu to prevent text being edited accidentally.
4184	Slot rack: The pan control in Slot Rack no longer grays out occasionally after loading a program.
4173	Standalone: The metronome click is now audible after loading a MIDI file.
4164	Effects: The surround panner no longer remains in memory after the application is closed.
4156	Pitch-bend wheel: The pitch-bend wheel now remains in centered position after loading a preset (previous issue in Windows 32-bit only).
2993	FlexPhraser: An issue that appeared when a phrase was changed during playback to an arp sequence has been resolved.
4129	Trigger pads: An issue that made NoteOff signals disappear due to retriggered events has been resolved.
4128	Quick Controls: An issue when moving the first Quick Control while playing the "Hihat Select" program has been resolved.
4106	MIDI: An issue that kept the sustain pedal engaged when the filter was active has been resolved.
4105	Note Expression: Automatic naming when combining multiple Note Expression parameters has been improved.
4100	Zone Editor: Issues with the connection of the parameters when switching the zone type no longer occur.
4095	MIDI modules: An issue when closing and re-opening the HALion 4 panel deactivated combined editing has been resolved.
4088	MIDI modules: Layer names now update correctly when multi-editing.
4094	Sample Editor: Audio no longer plays back in the wrong tempo when pre-listening to 96 kHz WAV files in the Sample Editor.

4176	Slice Player: A single slices can now be selected and edited after "Revert to Last Saved" has been executed.
4093	Slice Player: An issue when wrong event order caused triggered notes to be cut off has been resolved.
4091	Slice Player: "Drag MIDI Phrase to Host Sequencer" has been fixed for the Slice Player.
4090	Quick Controls: Quick Control names now show up directly after loading in the Inspector of Cubase.
4073	Program tree: "Load to New Layer" in case a MIDI module, program bus or effect is selected has been improved.
4072	Multi-OSC: Multi-OSC-edit button in the Zone Editor is now disabled when multi-OSC is inactive.
3990	Logic: An issue when sudden noise occurs has been resolved.
4145	Ableton Live 8.2.6: GUIs of all loaded HAL plug-ins are displayed correctly.
4070	Ableton Live: All 16 AU outputs are now available.

HALion 4.5.1

Improvements

Multi-core support

This update introduces true multi-core support. A single HALion instance can now access all CPU cores and make perfect use of all the power available inside your computer.

A new preference on the options page allows you to choose how many cores can be employed by HALion. This is helpful to control the performance available to HALion in order to properly share cores with other applications, such as Cubase and Nuendo.

Time-stretching and pitch-shifting

HALion now offers dedicated time-stretching and pitch-shifting functionality based on the AudioWarp algorithms also used in Cubase and Nuendo.

There are two different modes for different types of audio material available in the sound editor of a sample layer: a "Solo" mode for solo instruments that allows the correction of formants and a "Music" mode which is optimized for time correction of polyphonic audio material such as drums.

New file browser

A new file browser has been added to facilitate browsing through the file structure and preview audio files instantly.

There is a search function included in the browser that lets you find your desired sounds with just a few clicks. Additionally, containers like ISO, HSB, VST Sound, GIGA and others can be browsed in the import window immediately.

Multi-Oscillators

For enriching the sound, the numbers of oscillators used on each oscillator channel can be set to a maximum of eight. By editing the "detune" and the stereo "spread" of the oscillators channel, the sound can be further widened.

Additional sound editor improvements

- MIDI modules of the same type (e.g. FlexPhraser) can be edited together if selected.
- New navigation icons on top of the sound editor.
- Expression on amp level can now be deactivated.

- Headroom level for importing samples can be adjusted.
- The distortion parameter is now available in the modulation matrix.

Default startup preset

You can now determine which preset will load on starting up HALion 4.

To specify a default preset, go to the multi-program save/load drop-down menu above the instrument slot rack and click "Save as default".

Multi-loading option

The new multi-program loading option lets you define whether a multi-program is cleared before loading a new multi-program, or if it is kept in RAM.

Issues resolved

The following table lists all issues that have been resolved in this version.

ID #	Issue
3752	Drag-and-drop operations from Cubase 6 to HALion 4 are now possible if the directory name containing the sample includes an umlaut.
3826	External MIDI inputs no longer respond only to the first MIDI channel.
3701	The "4.0" at the beginning of a quadraphonic program will not be displayed in the Cubase 6 MediaBay.
3979	When using the filter envelope as a source, the filter attack now works as expected.
4039	Recording MIDI in the standalone version of HALion 4 now works correctly.
4031	When playing the first note after initial loading of a project, the volume for programs which use the amp section for zones no longer sounds too loud.
4019	The state of lock buttons and selections are maintained when closing and reopening the HALion 4 plug-in window.
3770	Volume and Pan MIDI CCs on the same MIDI channel now restore correctly in multi-programs.
3735	Changing values via up/down keys works now correctly in non-floating windows.

3767	When using key commands for moving zones, the root key no longer jumps to G8.
3852	The assignments of modulation modules, e.g. mono LFO, remain fully maintained.
3853	When changing values in the modulation matrix with the mouse wheel, unwanted scrolling does not occur.
4058	When exiting the HALion 4 standalone application, the exit dialog no longer needs to be clicked twice.
3817	The modulation wheel in the HALion 4 user interface now responds to all MIDI channels.
3732	In the envelope view the G/H key commands for zooming in/out are no longer interchanged.
3795	The "Missing files" dialog can be closed and is no longer displayed twice (Mac OS X only).

HALion 4.0.1

Issues resolved

The following table lists all issues that have been resolved in this version.

Issue
Issues that occurred when individual MegaTrig modules of a program were disabled have been corrected.
An issue that appeared when undoing paste on a program that is already assigned to a slot has been corrected.
CoreAudio2ASIO has been updated to correct issues with some USB devices.
Missing presets of the REVerence reverb have been added.
Issues when loading programs into the program table after selecting something within the program tree have been corrected.
Issues within FL Studio 10 that cause the message *"There was an error getting the state of the VST 3 plug-in HALion 4. The state wasn't saved"* have been corrected.
Issues that occurred when "auto visibility" was enabled have been corrected.
Changes on the program layer (level/pan/tune) won't affect any programs in subsequent slots any more.