

HALion 3.0 - Feature Overview

General

Up to 32 Bit / 384 kHz file support (Host dependant)

256 Voices per instance, several instances loadable simultaneously

16-way multi-timbral with an individual editor for program selection

128 programs per instance, unlimited layers per program

Full individual parameter set for each sample if required, ideal for drum sounds

Notch / High Pass / Low Pass / Band Pass 12 dB and 24 dB Filter as well as fantastic sounding Waldorf filters, and Fatness function for Overdrive filter sounds

Keyzone Editor for quick mapping of keyzones, samples, sample layers and velocity values with drag n drop support and several automapping modes

Ultra-flexible internal routing management:

Up to 256 freely configurable outputs per instance

5.1 surround support

All new realtime FX: Reverb, Phaser, Talkbox, Delays, EQs, BitCrusher, AutoWahWah and much more (27 FX total)

Insert effects can be applied to individual samples, samplegroups or entire programs

Effects sends can be sent to HALions internal Send effects or directly to the VST mixer thru configurable outputs to share Plugin Resources between the Host and HALion

Integrated Waveloop Editor with crossfade, snap to zero, loop, release loop, loop tuning settings

Total recall: all settings are saved with your song

Sample-accurate timing and automation thanks to perfect VST integration

Archive function, transfer of entire projects to other computers with zero hassle

RAMSave™ technology: HALion 3 dynamically scans through an entire project, and unloads any sample from the computer's RAM that isn't needed. Samples can be reloaded by one mouse-click.

Modulation, Megatrig, Alternate and Browser view can be opened simultaneously in a separate window

Modulation

Huge array of modulation possibilities, HALions Modulation Matrix can modulate virtually anything by anything.

2 synchronizable envelopes with up to 32 freely editable points, intuitive handling

32-stage STEPEnvelope as free modulation source

2 LFOs, synchronizable to the host application

MegaTrigg function to activate/switch samples via controllers or keys and trigger them with Pedal or NoteOff command for perfect GIGA import

Introduce Alternate Mode for most realistic Drum Sounds or Stringbow up/down movement emulation, etc. (during repetition a different sample with a slight variation will be played with each new note on message)

Second-Strike Technology allows overlapping Notes of the same pitch to play different Samples

Two different Legato Modes

Sample Start offset can be modulated by any Modulation source

Freely assignable MIDI Controllers

4 Velocity curves

Advanced GUI

Sleek GUI – HALions semi-modular approach shows the User all important sound shaping parameters on one page for always-easy editing

MacroPage View for small screen size and showing only the most important parameters!

Virtual keyboard for auditioning sounds

Stacking and layering of programs is only one mouse click away

Preset System for all envelopes, modulation setups and Keycommand settings for quick loading of individual settings for each program

Freely assignable Key Commands

Resource Browser

HALions new Browser features Drag & Drop and Preview support for easy loading and importing of programs, folders and samples!

Existing HALion programs or banks on the Harddisk can be "browsed" without loading, allowing Users to load only one program out of a bank file or a Samplegroup out of a programfile.

Advanced drag&drop and auto-mapping of Samples in the Keyzone: drag Parts from Cubase onto HALion, drag Samples from your Desktop to HALion, drag Samples, SampleFolders, Programs or several Programs at once from the Browser to HALions Programlist or Keyzone or Virtual Keyboard to load your sounds. Several Options

Assign dozens of HALion Sounds at once to a category in the Browser.

New database functions allow you to index all Sound Content on all your hard drives simultaneously and search by Keywords and Categories!

Powerfull Favorites System for jumping fast between often used Locations

Browser can be opened simultaneously in a separate resizable Window

Import Formats

HALion features the most top-rate format conversion available today:

AKAI, E-MU, Roland, Kurzweil, GIGA, Kontakt, EXS24, SF2, LM4, LM4 MkII, REX, ZeroX BeatCreator, WAV, AIF, SD II (Mac only), ISO & Nero & Toast Disc Image

Content

Wizoo Sound Library with high-quality sample content

5.1 surround content by Wizoo included

3rd party Demo Content

Effect List

Hall reverb
Non-linear reverb
Early reflections
Simple delay
Stereo delay
Tape delay
Chorus
Ensemble
Flanger
Phaser
Pan / Tremolo
Rotary speaker
Stereo width
Wah pedal
Talkbox
Shelf EQ
Parametric EQ
Enhancer
Limiter
Compressor
Multiband compressor
Gate
Distortion
Overdrive
Amp simulator
Bit reduction
Modulator (ring / amp / vocode)