

**Feature Comparison Chart HALion 3 / EXS 24 / Kontakt**

Global	HALion 3	EXS 24	NI Kontakt
Max. Polyphony/Stereo Voices	256	64	256
Max. Instruments per instance	128	1	16
MIDI Channels	16	16	16
Individual Outputs in Plug-In Mode	64 mono / 64 stereo / 8 surround 5.1	16 stereo	32 mono/ 16 stereo
Max. Sample Frequency (host dependent)	384 kHz	192 kHz	192 kHz
Max. Sample Bitrate	32 Bit	24 Bit	32 Bit
5.1 Surround Support	x	-	-
RAMSave™ technology	x	-	-
Disk Streaming Playback	x	-	with update only
<b>Handling</b>			
Sound Category System	x	-	-
Search by Category on harddrive	x	-	-
AutoBrowse Function	x	-	-
Browser Favourites	x	-	x
Browser Global Quick Favourites	x	-	-
Archive Function for easy Data transfer	x	-	-
Integrated Browser with Drag & Drop	x	-	x
Graphic Sample Mapping Editor	x	x (restricted)	x
Keyboard Mapping Editor	x	-	-
Graphic Loop Editor	x	-	x
Absolute & Relative Sample Editing Modes	x	-	-
Remapping presets, map every n keys, etc.	x	-	-
<b>Sound Shaping</b>			
1st class Filters by Waldorf	x	-	-
AHDSR Envelopes	x	x	x
32-stage Envelopes	x	-	x
Step-Envelope	x	-	x
Tempo-Synronizable Envelopes	x	-	x
LFO Waveforms	10 Presets & freeform drawn by hand	3	6
User definable Presets for Envelopes,	x	-	-
Max. Number of Internal Modulators	16 per Sample, unlimited per Group	10	16 per Group
MegaTrigg - Switch Key	x	x	x
MegaTrigg - Keyboard Range	x	-	-
MegaTrigg - SecondStrike	x	-	-
MegaTrigg - Controller	x	x	x
Alternate Mode	x	x	x
Cycle-Round-Robin	x	-	x
<b>Effects</b>			
Release Trigger Modes	5	1	1
Insert Effects on Sample Level	x	-	-
Insert Effects	Hallverb, Nonlinear reverb, Early reflections Simple delay, Stereo delay, Tape delay Chorus, Ensemble, Flanger, Phaser Pan/Tremolo, Rotaryspeaker, Stereo width Shelf EQ, ParametricEQ, Enhancer Gate, Limiter, Compressor, Multiband-compr. Distortion, Overdrive, Amp simulator Bit reduction, Modulator (ring/amp/vocode) Talkbox, Wah pedal	-	- - - - Parametric EQ Compressor Distortion, Saturation Lo-fi, Stereo Enhancer -
Send Effects	same FX as for Inserts	-	Reverb, Delay, Chorus, Flange, Phaser
Sends can be routed to Host Mixer	x	-	-
<b>Supported File Formats</b>			
AKAI	x	x	x
E-MU	x		
Roland	x		
Kurzweil	x		
GIGA	x		x
Kontakt	x		x
EXS24	x		x
SoundFont 2	x	x	x
LM4	x		x
LM4 MkII	x		
REX 1&2	x		x
ZeroX BeatCreator	x		
WAV / AIF	x	x	x
SD II (Mac only)	x		x
ISO Disc Image	x		
Nero Disc Image	x		

## Feature Comparison Chart HALion 3 / Mach5

Global	HALion 3	Motu Mach 5
Max. Polyphony/Stereo Voices	256	128
Max. Instruments per instance	128	16
MIDI Channels	16	16
Individual Outputs in Plug-In Mode	64 mono / 64 stereo / 8 surround 5.1	16
Max. Sample Frequency (host dependent)	384 kHz	192 kHz
Max. Sample Bitrate	32 Bit	24 Bit
5.1 Surround Support	x	x
RAMSave™ technology	x	-
Disk Streaming Playback	x	-
<b>Handling</b>		
Sound Category System	x	-
Search by Category on harddrive	x	-
AutoBrowse Function	x	-
Browser Favourites	x	-
Browser Global Quick Favourites	x	-
Archive Function for easy Data transfer	x	-
Integrated Browser with Drag & Drop	x	-
Graphic Sample Mapping Editor	x	x
Keyboard Mapping Editor	x	x
Graphic Loop Editor	x	x
Absolute & Relative Sample Editing Modes	x	-
Remapping presets, map every n keys, etc.	x	-
<b>Sound Shaping</b>		
1st class Filters by Waldorf	x	-
AHDSR Envelopes	x	x
32-stage Envelopes	x	-
Step-Envelope	x	-
Tempo-Synronizable Envelopes	x	-
LFO Waveforms	10 Presets & freeform drawn by hand	4
User definable Presets for Envelopes,	x	-
Max. Number of Internal Modulators	16 per Sample, unlimited per Group	16 per Group
MegaTrigg - Switch Key	x	-
MegaTrigg - Keyboard Range	x	-
MegaTrigg - SecondStrike	x	-
MegaTrigg - Controller	x	-
Alternate Mode	x	-
Cycle-Round-Robin	x	-
<b>Effects</b>		
Release Trigger Modes	5	-
Insert Effects on Sample Level	x	-
Insert Effects Program	Hallreverb, Nonlinear reverb, Early reflections Simple delay, Stereo delay, Tape delay Chorus, Ensemble, Flanger, Phaser Pan/Tremolo, Rotary speaker, Stereo width Shelf EQ, Parametric EQ, Enhancer Gate, Limiter, Compressor, Multiband-compr. Distortion, Overdrive, Amp simulator Bit reduction, Modulator (ring/amp/vocode) Talkbox, Wah pedal	Simple Reverb, Gate reverb, Sync Reverb Simple Delay, Stereo Delay, Fat+FX Delay Chorus, Flanger, Phaser, Crossphaser Pan/Tremolo, Rotary 2 band EQ, 3 band EQ Limiter, Compressor, Gate UVI Drive, DoubleDrive Bit cruncher, RingModulator, Robotizer Autowah, Filter
Send Effects	same FX as for Inserts	Same FX as for Inserts
Sends can be routed to Host Mixer	x	-
<b>Supported File Formats</b>		
		(only via external application „UV Xtract“)
AKAI	x	x
E-MU	x	x
Roland	x	x
Kurzweil	x	x
GIGA	x	x
Kontakt	x	-
EXS24	x	x
SoundFont 2	x	x
LM4	x	-
LM4 MkII	x	-
REX 1&2	x	-
ZeroX BeatCreator	x	-
WAV / AIF	x	x
SD II (Mac only)	x	x
ISO Disc Image	x	-
Nero Disc Image	x	-
Digidesign SampleCell	-	x
Akai MPC	-	x