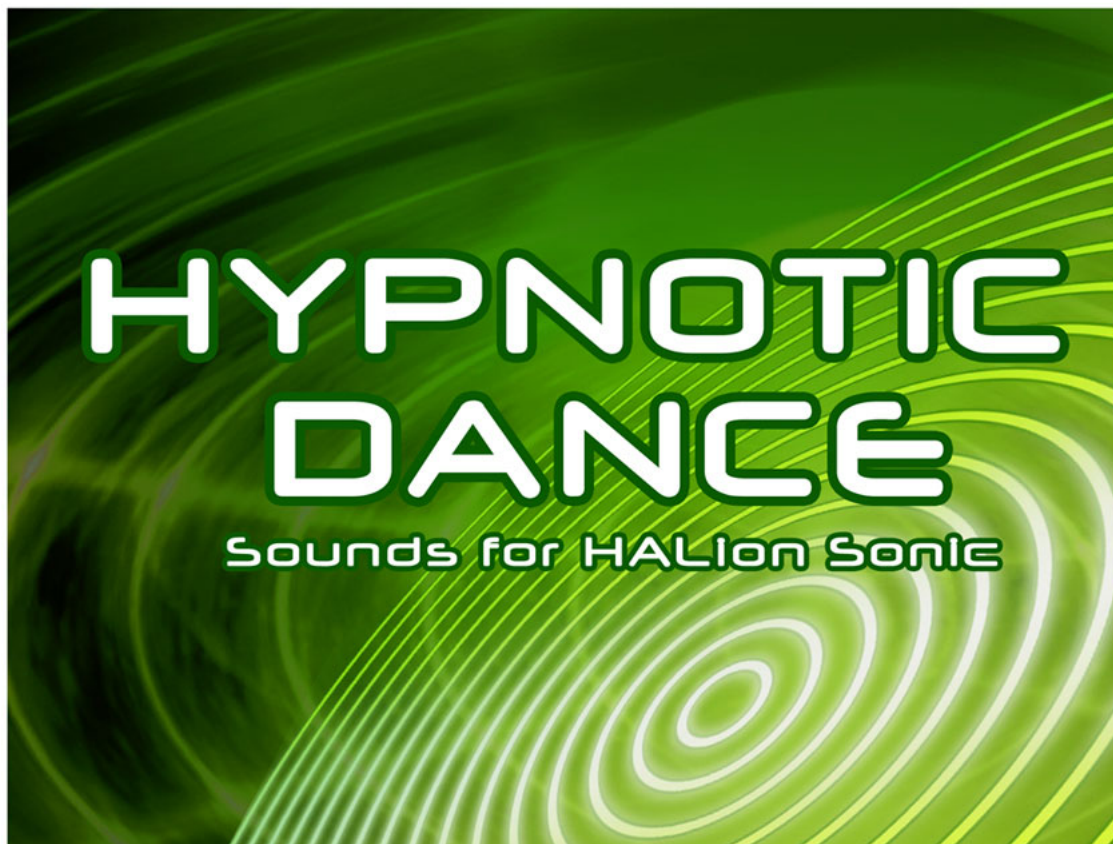


VST SOUND INSTRUMENT SET



Michael Ruf, Heiko Bischoff

Revision and quality control: Cristina Bachmann, Marion Bröer, Sabine Pfeifer, Heike Schilling, Benjamin Schütte

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Welcome

The Hypnotic Dance VST Sound Instrument Set provides additional high-quality content for VST instruments, expanding the available sound libraries with new VST Sound presets.

This document describes the parameters and the presets made available by this VST Sound Instrument Set. The sound set can be used by plug-ins based on the HALion engine – currently the latest versions of HALion Sonic and HALion Sonic SE.

Key command conventions

Many of the key commands mentioned in this document use modifier keys, some of which are different depending on the operating system. For example, the default key command for Undo is [Ctrl]-[Z] under Windows and [Command]-[Z] under Mac OS X. In this document, key commands are shown with the Windows modifier key first:

[Win modifier key]/[Mac modifier key]-[key]

For example, [Ctrl]/[Command]-[Z] means “press [Ctrl] under Windows or [Command] under Mac OS X, then press [Z]”.

Similarly, [Alt]/[Option]-[X] means “press [Alt] under Windows or [Option] under Mac OS X, then press [X]”.

This document may refer to right-clicking, for example, to open context menus. If you are using a Mac with a single-button mouse, hold down [Ctrl] and click.

Using the Hypnotic Dance VST Sound Instrument Set

The sounds from the Hypnotic Dance VST Sound Instrument Set can be loaded as programs in HALion Sonic or HALion Sonic SE (standalone or sequencer plug-in).

Loading programs

To load a program from the Hypnotic Dance VST Sound Instrument Set into HALion Sonic or HALion Sonic SE, use one of the methods provided by the plug-in or host application (e.g. Cubase):

- Load page
- Load Programs dialog
- MediaBay

For further information about loading programs in these plug-ins or in Cubase, consult the corresponding documentation.

⇒ When loading a program by double-clicking it in the Cubase MediaBay, Cubase creates an instrument track associated with HALion Sonic SE. To use a program with HALion Sonic in Cubase, create an instrument track and load the program into that track.

Editing program parameters

All programs included in the Hypnotic Dance VST Sound Instrument Set come with a Macro page, giving you access to the parameters that are relevant for the instrument set. This page is available in HALion Sonic and HALion Sonic SE.

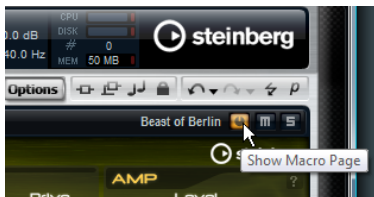


The Macro page is divided into four sections. The top half contains the Voice, Filter, and Amp sections, and the bottom half shows the StepModulator, which is used to add rhythmic modulations to the sounds.

Editing programs in HALion Sonic

In HALion Sonic you can also edit the program parameters on the regular Edit page that is available for all programs. The Edit page has more parameters than the Macro page and gives you access to all sound-relevant parameters available in HALion Sonic. For detailed information about the parameters on the Edit page, see the HALion Sonic manual.

- To use the regular Edit page in HALion Sonic, deactivate the Show Macro Page button.



Opening the manual

- To open a PDF file with a description of all available parameters of the Hypnotic Dance VST Sound Instrument Set (this PDF), click the “?” button below the Steinberg logo on the custom Edit page.



Parameter descriptions

Voice section

In the Voice section, the following parameters are available:

Mono

Switches between monophonic and polyphonic playback. If Mono is deactivated, playback is polyphonic.

Polyphony

Sets the upper limit for the number of notes you can play in polyphonic mode (up to 128 notes).

Unison

Allows you to trigger multiple voices when playing single notes. When activated, the following parameters are available:

Option	Description
Detune	Detunes the pitch of each unison voice in cents. Detuning the pitch of the voices results in a fatter sound.
Voices	Setting higher values increases the number of voices being triggered simultaneously (up to 8).
Pan	Spreads the unison voices across the stereo panorama. The higher the value, the broader the stereo image.

Filter section

Internally, the programs of the Hypnotic Dance VST Sound Instrument Set make use of various filter types. In the Filter section, the following parameters are available:

Cutoff

Adjusts the cutoff frequency of the filter.

Resonance

Emphasizes the frequencies around the cutoff. At higher resonance settings, the filter self-oscillates and creates a ringing tone.

Drive

Adds distortion to the signal. At higher settings, Drive creates a very intense distortion effect.

Attack

Increases or decreases the attack time of the amplifier envelope. Positive values decrease the attack time.

Decay

Increases or decreases the decay time of the filter envelope. Positive values decrease the decay time.

Amp section

In the Amp section, the following parameters are available:

Level

Adjusts the level of the program. If you add distortion to the filter by increasing the Drive parameter, you may have to adjust the level to compensate for an increase in gain.

Attack

Increases or decreases the attack time of the amplifier envelope. Positive values decrease the attack time.

Release

Increases or decreases the release time of the amplifier envelope. Positive values decrease the release time.

StepModulator section

Many of the programs of Hypnotic Dance VST Sound Instrument Set make use of a StepModulator to add rhythmic modulations. Up to 32 steps can be defined and edited. In the StepModulator section, the following parameters are available:

Step

Allows you to select a step.

Level

Shows the level of the selected step. The level can be adjusted by entering a value in the text field.

When Snap is activated, the level of each step can only be adjusted in steps of 1/12.

Steps

Sets the number of steps the sequence plays.

StepModulator presets

Use the pop-up menu at the top of the StepModulator section to load and save presets.

- To load a preset, click the Select Preset field and select a preset.
- To delete a preset, click the trash icon.
- To save a new preset, click the floppy disk icon.

Graphical step display

In the graphical step display you can edit steps using the mouse and/or the computer keyboard. Proceed as follows:

- Set the level of a step by clicking and dragging in the graphical editor.
- Reset a step to a level of 0% by [Ctrl]/[Command]-clicking the step.
- Reset all steps by [Shift]-[Ctrl]/[Command]-clicking the graphical editor.
- Adjust all steps at once by [Shift]-clicking and dragging a step.
- Draw a ramp of steps by [Alt]/[Option]-clicking and drawing a line.

- Draw symmetric ramps by [Shift]-[Alt]/[Option]-clicking and drawing a line.
- Increment or decrement the level of the selected step using the up and down arrow keys.
By default, steps are incremented/decremented in steps of 1%. Hold [Shift] to increment/decrement the selected step in steps of 0.1%.
- Select the previous or next step using the left and right arrow keys.

Sync

Synchronizes the steps to the tempo of the host application. The following options are available:

Option	Description
Off	No synchronization.
Tempo + Retrig	In this mode, the speed of the modulation depends on the number of steps, the selected note value, and the tempo set in your host application. Whether the sequence restarts when you play a note, depends on the selected retrigger mode.
Tempo + Beat	In this mode, the speed of the modulation depends on the number of steps, the selected note value, and the tempo set in your host application. The sequence restarts with the transport of the host and lines up to the beats of the project.

Frequency

When Sync is set to “Off”, the control to the right is called Frequency and sets the speed at which the sequence repeats (in Hertz).

Note

When Sync is set to “Tempo + Retrig” or “Tempo + Beat”, the control to the right is called Note and adjusts the length of the steps in note values, such as 1/4.

Triplets

Activate the T button to get triplet note values for the Note parameter.


Retrig

Determines whether the sequence restarts when you play a note. The Retrig control is only available when Sync mode is set to “Off” or “Tempo + Retrig”. The following parameters are available:

Option	Description
Off	The sequence does not restart. Playback resumes at the position where you released the key.
First Note	The sequence restarts when a note is triggered and no other notes are already held.
Each Note	The sequence restarts each time a note is triggered.

Depth

Adjusts the intensity of the modulation. By specifying negative values you can define an inverted modulation pattern.

 The Depth parameter requires that a modulation is set in row 15 of the HALion Sonic modulation matrix.

⇒ Even for programs that do not use the StepModulator you can add modulation with the Depth control.

Slope

Determines whether the transitions between steps occur as jumps or ramps. The following settings are available:

Option	Representation	Description
Off	---	All transitions occur as jumps.
Rising	////	Rising transitions occur as ramps, falling transitions as jumps.
Falling	\\\\\\	Falling transitions occur as ramps, rising transitions as jumps.
All	/\\	All transitions occur as ramps.

Amount

When Slope is set to Rising, Falling, or All, the Amount parameter determines the time it takes to ramp from one step to another. The higher the setting, the smoother the transition.

Content listing

The Hypnotic Dance VST Sound Instrument Set contains the following VST presets:

Allpass Pad MW.vstpreset	Deep Phase Sweep.vstpreset	Gentle Pad.vstpreset	Noise Trance 4.vstpreset
Analog Liner.vstpreset	Dirty Formant Sweeper.vstpreset	Golden Ring.vstpreset	Phaaat Mono 1.vstpreset
Atmo BPF Pad MW.vstpreset	Dirty Mary.vstpreset	HD Pad.vstpreset	Phaaat Mono 2.vstpreset
Basic Poly.vstpreset	Distorted View.vstpreset	Heavy Truck.vstpreset	Phaaat Mono 3.vstpreset
Beast of Berlin.vstpreset	Distortion Attack.vstpreset	HiBaPass Hook .vstpreset	Phaaat Mono 4.vstpreset
Big Bandpass MW.vstpreset	Distortion Punch.vstpreset	HiPass Hook.vstpreset	Phaaat Mono 5.vstpreset
Big Dark Pad MW.vstpreset	Distortion Short.vstpreset	HiPass Pitcher.vstpreset	Phaaat Mono 6.vstpreset
Big Morph Pad LFO.vstpreset	DJ Growl.vstpreset	HiPass Short MW.vstpreset	Phaaat Mono 7.vstpreset
Big Resonance.vstpreset	DJ Keys 1.vstpreset	HiPass Tiger MW.vstpreset	Phaaat Mono 8.vstpreset
Big Tune Comp.vstpreset	DJ Keys 2.vstpreset	HiPass Xtreme MW.vstpreset	Phaaat Poly.vstpreset
Big Tune Pad MW.vstpreset	DJ Keys 3.vstpreset	Hole In the Wall.vstpreset	Pick Saw Bass.vstpreset
Bit Red Blaster.vstpreset	DJ Keys 4.vstpreset	Ice Cream MW.vstpreset	Pitchy Saw.vstpreset
Bit Red Gates MW.vstpreset	DJ X.vstpreset	Iron Rain.vstpreset	Poly Dance.vstpreset
Blind Date.vstpreset	Dramatic Glide MW.vstpreset	Jaii Bass.vstpreset	Poly Mini.vstpreset
BR+LP Strings.vstpreset	Dual Band Pass Sweep.vstpreset	LFO Bandpass Pumping.vstpreset	Popular Sequence MW.vstpreset
Brachial.vstpreset	Earth Lead.vstpreset	LFO Dance Pumping.vstpreset	Power Fifth.vstpreset
Brite & Dirty MW.vstpreset	Electro Tacky.vstpreset	LFO Ping Pong Pumping.vstpreset	Power Line.vstpreset
Broken Glass.vstpreset	Faaat & Bright.vstpreset	LFO Pumping Sweep.vstpreset	Pulse SQ Bass.vstpreset
Broken Pad.vstpreset	Fat Eight Mono.vstpreset	LFO PWM Pumping MW.vstpreset	Pulse Super Delay.vstpreset
Buster.vstpreset	Fat Eight Octave.vstpreset	LFO Trance Pumping.vstpreset	Punchy Saw Bass.vstpreset
Classic Percsyn.vstpreset	Fat Eight Poly.vstpreset	Log in please.vstpreset	Pure Unisaw.vstpreset
Classic Polsyn.vstpreset	Fat Five Dirty.vstpreset	LoPass Pitcher.vstpreset	PWM Poly Octave.vstpreset
Classic Swell.vstpreset	Fat Octave Poly.vstpreset	Mini 1Osc Saw.vstpreset	PWM Trance 48dB MW.vstpreset
Colors of Venus.vstpreset	Fifth Mini.vstpreset	Mini Star.vstpreset	PWM Trance Arp 1.vstpreset
Cool Delay Sequence 1.vstpreset	Filter Attack Bass.vstpreset	Monster Hook.vstpreset	PWM Trance Arp 2.vstpreset
Cool Delay Sequence 2.vstpreset	Full Range.vstpreset	Monster Pad.vstpreset	PWM Trance Chords.vstpreset
Cool Delay Sequence 3.vstpreset	Fun Fun Fun.vstpreset	Monster Sweep.vstpreset	PWM Trance Line.vstpreset
Cool Delay Sequence 4.vstpreset	Gate Pad Allpass MW.vstpreset	Mystic Arp 1.vstpreset	PWM Trance Morph MW.vstpreset
Cool Wheel 1 MW.vstpreset	Gate Pad Dark MW.vstpreset	Mystic Arp 2.vstpreset	PWM Trance Pad.vstpreset
Cool Wheel 2 MW.vstpreset	Gate Pad Distortion 1.vstpreset	Mystic Pad 1.vstpreset	PWM Trance Picks.vstpreset
Crazy Lead 1.vstpreset	Gate Pad Distortion 2.vstpreset	Mystic Pad 2.vstpreset	PWM Trance SuperDelay.vstpreset
Crazy Lead 2.vstpreset	Gate Pad Distortion 3.vstpreset	Nail Bells.vstpreset	Q Blip.vstpreset
Crazy Lead 3.vstpreset	Gate Pad Distortion 4.vstpreset	Noise Ping Pong.vstpreset	Q Kick.vstpreset
Cross Velo Percu.vstpreset	Gate Pad Flanger.vstpreset	Noise SFX 1.vstpreset	Q Ramp.vstpreset
Dance Percussive 1.vstpreset	Gate Pad HPF.vstpreset	Noise SFX 2.vstpreset	Q Wheels.vstpreset
Dance Percussive 2.vstpreset	Gate Pad Morph MW.vstpreset	Noise SFX 3.vstpreset	Rate Red Baz.vstpreset
Dance Percussive 3.vstpreset	Gate Pad Phaser.vstpreset	Noise SFX 4.vstpreset	Rate Red Pad.vstpreset
Dance Stabs 1.vstpreset	Gate Pad Polsyn.vstpreset	Noise SFX 5.vstpreset	Rawpad.vstpreset
Dance Stabs 2.vstpreset	Gate Pad PWM 1.vstpreset	Noise SFX 6.vstpreset	Red Rooster MW.vstpreset
Dark Basic.vstpreset	Gate Pad PWM 2.vstpreset	Noise SFX 7.vstpreset	Remind Me.vstpreset
Dark Body.vstpreset	Gate Pad PWM 3.vstpreset	Noise SFX 8.vstpreset	Rezzy Allpass.vstpreset
Dark Pulse.vstpreset	Gate Pad Sweep 1.vstpreset	Noise Trance 1.vstpreset	RnB Sequence.vstpreset
Dark Spheres.vstpreset	Gate Pad Sweep 2.vstpreset	Noise Trance 2.vstpreset	RNDM LFO Groove.vstpreset
Deep Flange Sweep.vstpreset	Gate Pad Techsyn.vstpreset	Noise Trance 3.vstpreset	S&H GrooveX.vstpreset

Saw Acid 1.vstpreset	StepMod RateRed.vstpreset	Trance Chords MW.vstpreset
Saw Acid 2.vstpreset	StepMod SQ01.vstpreset	Trance Lines.vstpreset
Saw Distorted.vstpreset	StepMod SQ02.vstpreset	Trance Oct Hook.vstpreset
Saw Lead Growl.vstpreset	StepMod SQ03.vstpreset	Trance Orchestra.vstpreset
Saw Legato.vstpreset	StepMod SQ04.vstpreset	Trance Percussive.vstpreset
Saw Reduction.vstpreset	StepMod SQ05.vstpreset	Trance Poly Hook.vstpreset
Saw Spider.vstpreset	StepMod SQ06.vstpreset	Trance Powerchords.vstpreset
SawSquare Bass.vstpreset	StepMod SQ07.vstpreset	Trance Xtreme.vstpreset
Self Osc Pad 1.vstpreset	StepMod SQ08.vstpreset	Trancious Picks.vstpreset
Self Osc Pad 2.vstpreset	StepMod SQ09.vstpreset	Uni Six.vstpreset
Self Rate Red MW.vstpreset	StepMod SQ10.vstpreset	Unison Growl.vstpreset
Short Pulse 2Osc.vstpreset	StepMod SQ11.vstpreset	Unison Octave Bass.vstpreset
Short Pulse CM.vstpreset	StepMod SQ12.vstpreset	Unison Sequence.vstpreset
Short Pulse PWM.vstpreset	StepMod SQ13.vstpreset	Unison Short Bass.vstpreset
Short Pulse SYNC.vstpreset	StepMod SQ14.vstpreset	Unison Star MW.vstpreset
Short Pulse XOR.vstpreset	StepMod SuperDelay.vstpreset	Universal Lines.vstpreset
Short Punch.vstpreset	StepMod SweetSine.vstpreset	Velo City.vstpreset
Short Saw CM.vstpreset	StepMod Sync1 MW.vstpreset	Virtual Fifth.vstpreset
Short Saw Detune.vstpreset	StepMod Sync2 MW.vstpreset	Virtual Square.vstpreset
Short Saw Octave.vstpreset	StepMod Sync3 MW.vstpreset	Voodoo Wheel.vstpreset
Short Saw SYNC.vstpreset	StepMod Sync4 MW.vstpreset	Warm Octave Bass.vstpreset
Silence@48dB.vstpreset	StepMod Trance.vstpreset	Warmest.vstpreset
Silk Pad Morph.vstpreset	Super Dark Bass.vstpreset	X-Wave Arp 1.vstpreset
Simple Disco Arp.vstpreset	Super PWM Brite.vstpreset	X-Wave Arp 2.vstpreset
Simple Pulse Arp.vstpreset	Super PWM Chorus.vstpreset	X-Wave SQ01.vstpreset
Sixteen & Four.vstpreset	Super PWM Dark.vstpreset	X-Wave SQ02.vstpreset
Space Clipping .vstpreset	Super PWM Morph.vstpreset	X-Wave SQ03.vstpreset
Square 1Osc Bass.vstpreset	Super PWM Phaser.vstpreset	Zorc.vstpreset
Square 5th Perc.vstpreset	Super Saw Strings.vstpreset	
Square Distorted.vstpreset	Super Swell.vstpreset	
Square Lead Growl.vstpreset	Sweepy Atmo.vstpreset	
Square Legato.vstpreset	Sweepy LFO Groove.vstpreset	
Square LFO Groove 1.vstpreset	Sweet Phase.vstpreset	
Square LFO Groove 2.vstpreset	Sync Fxxx.vstpreset	
Square Octave Bass.vstpreset	Synth Chord Groove.vstpreset	
Square Rezz 1.vstpreset	Tech Mini.vstpreset	
Square Rezz 2.vstpreset	Techno Break.vstpreset	
StepMod Acid 1.vstpreset	Techno Five.vstpreset	
StepMod Acid 2.vstpreset	Techno Noize.vstpreset	
StepMod Attack.vstpreset	Techno Staccato.vstpreset	
StepMod BitRed.vstpreset	Thin Atmo Pad.vstpreset	
StepMod DiscoPower.vstpreset	Tik Baz.vstpreset	
StepMod Morph1.vstpreset	Tik Square.vstpreset	
StepMod Morph2.vstpreset	Tik Wheel.vstpreset	
StepMod Morph3.vstpreset	Trance Arp 1.vstpreset	
StepMod Phat.vstpreset	Trance Arp 2.vstpreset	
StepMod PWM1.vstpreset	Trance Arp 3.vstpreset	
StepMod PWM2.vstpreset	Trance Arp 4.vstpreset	