

HEPHAESTUS SOUNDS
JACK'S CONCERT GUITAR
v1.10

OWNER MANUAL



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1 – CONCEPT

Sampled from a Stephen Hill's concert guitar, wonderfully played by Italian guitarist Giacomo "Jack" Bigoni, now a close friend of us, always available and with a great talent. We sampled his personal guitar to capture the feeling that there is between the instrument and its owner: samples are sharp, accurate, targeted, detailed and expertly played by Jack, based on a real performance of him with his guitar.

Jack's guitar has been beautifully sampled in stereo, and all the fullness of his guitar now is inside the library.

2 – PECULIARITY

But...having a great guitarist and a wonderful instrument is not enough. And...having a great studio? Not even enough. What makes the difference (highlight of Hephaestus Sounds' instruments) is the ability to make the sampled instrument playable exactly like the real instrument, simulating articulations and noises all in real-time. This library forge a great sample management with a great programming experience: every sample need to be called at the right moment to create a realistic instrument, and this is absolutely difficult on instruments like guitars with tons of articulations.

Hephaestus Sounds accepts the challenge and forges a dedicated powerful script to “give life” to the sampled instrument, the SenseTech.

3 – TECHNOLOGY

SenseTech is the last evolution of the previous Performer Intelligent Technology, able to simulate the instrument in all its nuance and every articulation just by playing, using very little system resources and an improved high-precision script that will have to manage a large number of samples in several milliseconds of time.

Thanks to the extreme powerful Kontakt engine, this is possible and works great.

4 – EASY TO USE

"What should I use now? Legato? Or maybe I need a glide? Now I should play strumming! Damn! What is the right key-switch?!"

Ok ok please abandon these thoughts. You just have to play. SenseTech will take care of everything.



5 – FEATURES

- 48KHz 24-bit Stereo;
- 6 dynamic layers;
- 8 sound modes, also switchable by key-switch;
- 1 Live! sound mode*;
- Fullness, Presence and Detail knobs, tuned to the guitar frequencies, to equalize the sound at the best;
- Detune knob to simulate the small detune from the same notes;
- Pan slider to move the instrument left or right;
- Touch slider to adjust the velocity curve;
- Reverb Level knob;
- Reverb Size knob;
- Flexible Arpeggiator and Strummer extra functions;
- Adjustable vibrato using Modulation or Aftertouch controllers;

- Total instrument size: 240 MB (lossless compressed samples);
- At least, a 61-keys keyboard is suggested to play at the best;
- Works on Kontakt v5.2.1 or newer (only 15 minutes on Kontakt Player!)

6 – LIVE! CONCERT MODE

This is the sound mode with SenseTech scripts applied. You can get a lot of articulations, shown on the “CURRENT ARTICULATION” label.

Possible articulations list:

- SINGLE NOTE: you've pressed a note.
- LEGATO: you've pressed a note, and the next one is connected to the previous one in a range of a 4th.
- POLY LEGATO: same as legato, but with more than one note pressed.
- POLY or CHORD: you've pressed 3 or more notes together or arpeggiato.
- SLIDE UP/DOWN: you've pressed a note, and the next one is connected to the previous one in a range of a 4th at very high velocity.
- INTERVAL: you've pressed a note, and the next one is connected to the previous one in a range larger than a 4th.
- GLIDE 5th/6th UP/DOWN: you've pressed a note, and the next one is connected to the previous one in a range of 5th or 6th but at very high velocity or very low velocity.
- GLIDE 7th/8th UP/DOWN: you've pressed a note, and the next one is connected to the previous one in a range of 7th or 8th but at high velocity.
- GREAT JUMP!: you've pressed a note, and the next one is too far to create a legato, so the next note is played normally.
- SEMI-LEGATO: you've pressed a note, and the next one is far, so there isn't a perfect legato.
- STRUM: you've pressed 4 or more notes absolutely together, and you should hear the strum noise. Sustain pedal helps a lot to play strumming.
- VIBRATO (MW): you've pressed a note and you've turned up the Modulation controller (MIDI CC 1).
- VIBRATO (AT): you've pressed a note and you've used the aftertouch function of your keyboard (please note that not all keyboards have the AT).
- STRAIGHT: Modulation or Aftertouch resetted.

Notes for the other modes:

- BENGAL KIT is a special mode with a lot of sounds taken from the famous Gary Ryan's “Benga Beat” song and performed by Jack. Looped rhythm are at 120 BPM.

7 – ARPEGGIATOR & STRUMMER

Very helpful function, able to create your rhythmic pattern.



GLOBAL SETTINGS

Mode knob: enable / disable Arpeggiator/Strummer engine.

MIDI Thru: when activated, arpeggiated notes will be merged with played notes.

PITCH SETTINGS

Note order menu: choose the arpeggiator mode.

Octave knob: arpeggiator works on different octaves.

Strike knob: how many times the same note is retrigged.

TIMING SETTINGS

Rate knob: adjusts the timing rate of the arpeggiator.

Duration knob: the duration of the note before the release. 100% is the full duration of the Rate knob

Swing knob: it dequantizes the rhythm for the choosed value.

RHYTHM SETTINGS

Steps selector: increase / decrease the pattern lenght.

Fix Velocity: when activated, key velocity is not responsive.

8 – LICENSE TERMS

- All the products (freebies included) are available for commercial use. The buyer cannot re-distribute the samples themselves, the patches or any part of the library / samples.
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