

Warp – Analog sounds with a digital soul

Guitars and computers

To be able to record a guitar, please note the following advice:

Although an electric guitar has a large dynamic range, the output is relatively weak. Standard soundcards are not fitted with a high-ohm guitar input, making it difficult to get good-sounding results by connecting a guitar directly to a soundcard.

To get the best sound possible, it is necessary to convert the guitar signal in high quality. This can be done with a preamp which brings the guitar signal up to "line in" strength. You can also use an effect pedal that is switched to bypass mode. Some modern I/O solutions also have instrument inputs with which you can get very good results, such as MindPrint EnVoice, Aardvark Interfaces, Edirol USB interfaces.

Important: The guitar signal has to be recorded in your computer as cleanly as possible. Please adjust your recording level accordingly to avoid distortion.

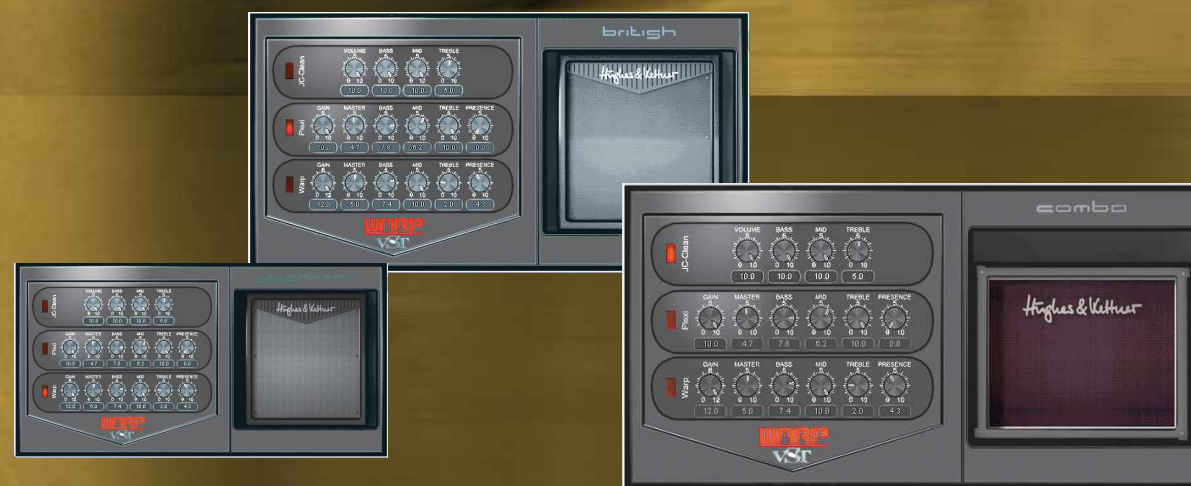
Imagine a big guitar sound with all its pure emotion and raw energy. Most guitarists envision the classic guitar set-up - usually involving glowing valves and a wall of cabinets. Now you can get that sound on your computer. Based on Hughes & Kettner's DSM™ (Dynamic Sector Modeling) technology, Warp VST is a virtual effect processor that reproduces that authentic guitar experience in real-time with three amplifier models and three speaker cabinets. Combined with an ASIO I/O solution, Warp VST is practically latency-free.

Warp VST offers the legendary Jazz Chorus clean sound, the dynamics of a 60s Plexi Tube Head and the modern HiGain Chunk-Sound of the Rectifier Era. Also included – three speaker cabinets: Combo (12" speaker, open housing), British (4x12" speakers with speakers from the 80s) and Greenback (4x12" speakers that support those powerful riffs).

Every amp can be combined with any cabinet. When combined with the Nuendo Audiolink I/O, Warp VST turns your computer into a powerful guitar amplifier rig with an imperceptible delay between plucking the strings and hearing the signal. With Warp VST, every producer has total control over a guitar sound even when the guitarist has already left the studio. VST recording systems such as Cubase VST or Nuendo allow the guitarist/the

producer to monitor the signal in real-time whilst recording the untreated signal. The advantage is that you can still alter all important settings that influence the recorded sound whilst mixing, enabling you to build a guitar sound that best fits into the whole arrangement.

Although Warp VST uses the latest technologies, its user interface is astoundingly simple and intuitive. With only a single mouse click, you can transform a Jazz Chorus sound into a 68 Plexi or a rectified chunk sound. It's not only the amp that is changed, as all components that alter the sound characteristics act in the same way as in the hardware original. Components such as the original housing and loudspeakers are modeled in Warp VST's Cabinet/Speaker section.



Feature Highlights

- ▶ Real Guitar amp effect processor
- ▶ VST compatible
- ▶ Jazz Chorus amp
- ▶ Plexi Tube Head amp
- ▶ Warp Rectified amp
- ▶ Speaker Simulation
- ▶ Combo Speaker cabinet
- ▶ 4 x 12" British Speaker cabinet
- ▶ 4 x 12" Greenback Speaker cabinet
- ▶ Authentic behaviour of tone controls
- ▶ Authentic dynamic behaviour
- ▶ Each amp to be used with each cabinet
- ▶ Fully automatable
- ▶ Extremely low latency thanks to Steinbergs ASIO technology (in combination with low latency hardware)

A breakthrough in amplifier technology: Dynamic Sector Modeling (DSM)

Warp VST is a huge step forward in amplifier technology. Conceived in the tradition of the popular zenetra™ guitar system by Hughes & Kettner, one of the leading manufacturers of professional guitar amplifiers, this unique amp simulation system uses DSM. This revolutionary technology allows a painstaking and exact recreation of components and materials that can influence the sound. The result of DSM is more than a sound portrait – it is a second original.

This highly advanced technology allowed three milestones in the history of amplification to be translated into the virtual world for Warp VST. Each amp offers its own individual dynamics and distinctive characteristics, selectable with a single mouse click, and without the normal restrictions of ordinary digital amplifiers. Warp VST combines the user friendliness and flexibility of digital technology with the sound quality of a leading analog amplifier.