

NATIVE INSTRUMENTS B4

REINVENTING THE TONEWHEEL

Virtual and Authentic

The B4 is another classic keyboard from the 20th century which Native Instruments brings into the studio of the 21st century. The B4 is a complete virtual tonewheel organ, capable of reproducing in authentic detail the sound of the legendary B3 organ and rotating speaker cabinet. Beneath the attractive foto-realistic vintage-look graphics operates an up-to-date audio engine, with perfect sound and lots of options for fine-tuning, all with full MIDI automation.

That Sound

The Native Instruments Synthesis Research Lab carried out a painstaking analysis of the electro-mechanical sound generation and tube circuitry of the best organ and speaker cabinet combinations. The resulting software model produces sound virtually indistinguishable from the original hardware. The flexibility of advanced software modeling makes possible a new degree of realism. Unlike a sample-based instrument, the B4 accurately models such subtle details as harmonic fold-back, drawbar crosstalk and loudness robbing. The result is a warm and powerful sound over the entire range of the keyboard, complete with the subtle tonal shades that improve both playability and musicality.

Beauty and the B

The B4 not only sounds like the original, it also looks the part: The realistic graphics are so full of vintage flair that even adjusting the sound parameters becomes an encounter with the legend. The B4 has two views, one of which shows the two manuals, the bass pedals and other knobs relevant for playing. The second view omits the manuals and pedals but gives access to extended settings.



► The sound of the B4 can be fine tuned by various parameters.

Macintosh™ and Windows™ make the B4 a very attractive and worthwhile instrument for anybody making music on a computer. This is surely the best electric organ since days gone by.



Full Control

Like the best modern virtual instruments, the B4 can be extensively controlled by MIDI. Each and every parameter is mapped to MIDI Controllers so that all settings and their changes can be easily automated. A set of knobs on the B4's virtual rear panel let you change the instrument's behaviour in many ways so that the sound can be adapted to various musical situations.

Tonewheels Up-to-Date

The B4 is capable of all the variations one expects from this type of organ, and is suitable for any flavor of music, be it Rock, Jazz or House. This versatility and support for current audio interface standards on



► The most portable elektro-mechanical organ of the world.

FEATURES

Authentic simulation of the original sound of tonewheel organ and rotary speaker

Foto-realistic graphics in the original look

Full MIDI automation

Many options for easily fine-tuning the sound

Compatible to the standard audio interfaces VST 2.0™, ASIO™, DirectSound™, MAS™, Sound Manager™, MME™ and DirectConnect™

Full set of 91 tonewheels

2 manuals and pedal keyboard, 9 drawbars per manual, 6 for bass pedals

Scanner vibrato/chorus, rotary speaker

Percussion on any harmonic, adjustable keyclick

Tube distortion sound

SYSTEM REQUIREMENTS

Windows™ 95/98/2000 or NT 4.0, Pentium 133 MHz, 32 MB RAM, 16-bit sound card

Mac™ OS 8.6 or higher, PPC 603, 120 MHz, 32 MB RAM

B4 AT A GLANCE

Chorus/Vibrato

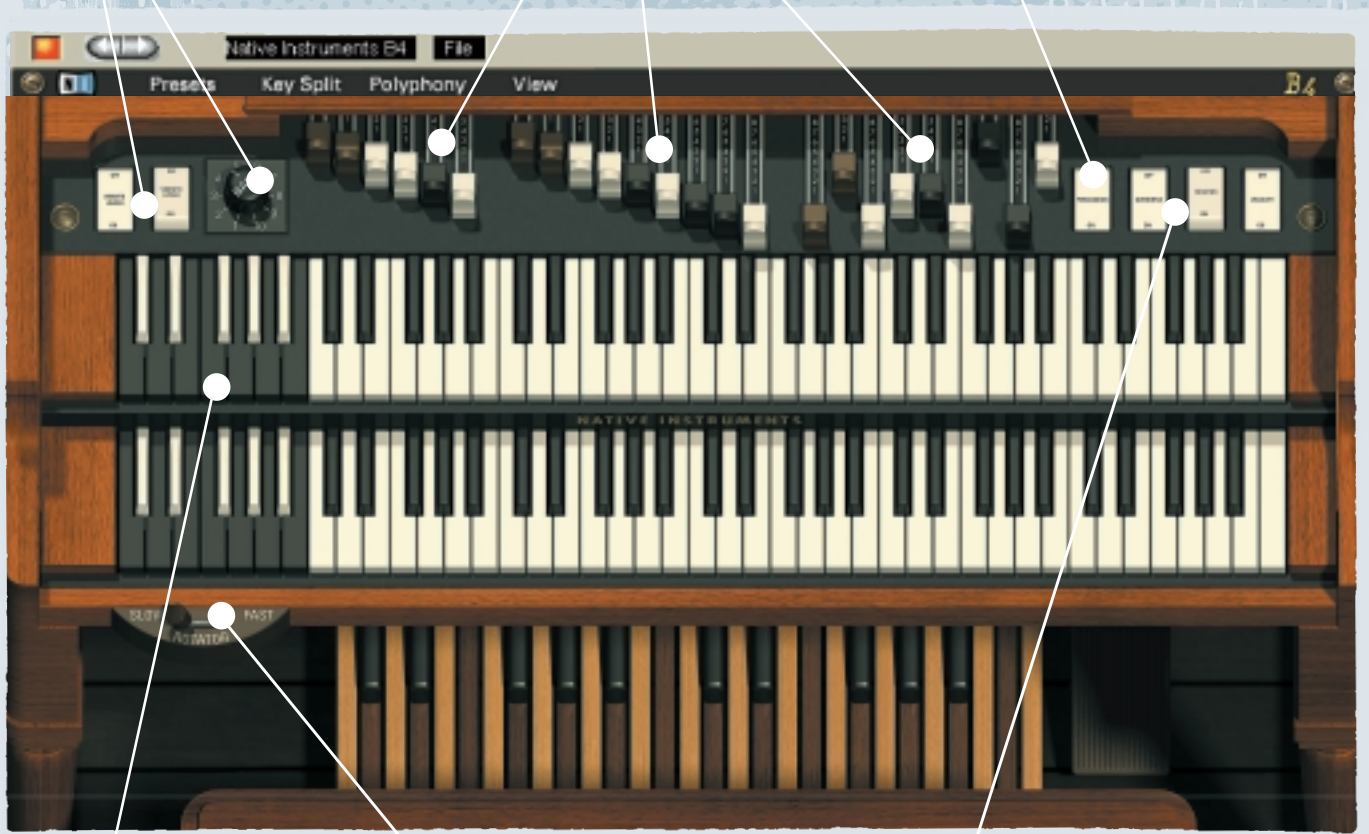
The patented Scanner Chorus/Vibrato effect can be switched on and off separately for the two manuals. The rotary switch chooses one of 10 Banks of Presets, containing all the famous sound for Jazz, Rock and Classical.

Drawbars

Three sounds are at your fingertips. 9 Drawbars each shape the sound of the upper and lower manuals, another 6 drawbars for the bass pedal channel. The drawbars allow a huge number of different timbres to be selected.

Percussion

This activates the Percussion Circuit, which amplifies one of the Upper Drawbar tones and lets it decay over time – essential for Jazz and many other styles. Any of the 9 drawbars can be selected for the effect, and speed of decay and percussion volume are adjustable.



Presets

Just like on the old organs, these 12 inverse colored keys are used to select presets. But now this is not just for the Drawbars but gives total recall for all settings affecting the organ, amplifier and rotating speaker.

Rotary Speaker

The rotating speaker speeds up and slows down realistically when operating this switch (responds to Mod-Wheel). The rotation speeds can be adjusted with complete flexibility on the Rear Panel.

Amplifier Simulation

The built-in Tube Amplifier can be operated in clean or overdrive mode. The rotating speaker simulation provides that lush, swirling, spatial sound experience. The amount of both effects can be adjusted.

