[Whisper of Loong]

——Chinese Dizi Virtual Instruments

Dizi is a Chinese transverse flute-like instrument made of the bamboo trunk. Unlike similar instruments, Dizi has a bulrush-made membrane that vibrates with airflow, making up its uniquely clear and bright sound. Dizi is an incredibly expressive instrument. Besides its smooth and beautiful melodic parts, Dizi can be played with a rich set of performances, such as rapid finger-popping, tongue-flutter, and airflow vibrato, allowing Dizi to play the most complex solo parts.

There are two major variants of Dizi: Qudi (literally melodic Dizi), which is usually used for playing solo works as the primary instrument of complex work, and it is what we present here in Whisper of Loong; and Bangdi (literally opera Dizi), with its very bright sound, is usually served as the accompanying instrument of traditional Chinese opera.

Samples: 1745

Sampling Parameter: 44100 Hz / 24 bit

Sample Size: 1.5 GB

Adjustable Sound Field

When samples were recorded, 10 different microphones were used with different positions to capture the spatial and reverb characteristics of Dizi. All these channels were mixed down to four channels: Yin, Yang and far stereo. The volumes of these four channels were adjustable in software, making it possible to obtain most various tone.

Performances

By controlling airflow and finger, Dizi has a very rich set of performances such as mordent, finger pole popping, trill, flutter, vibrato, staccato and gliss. All these performances can be triggered in *Whisper of Loong* software, making it most adjustable Dizi virtual instrument.

Realistic Expressions

Whisper of Loong has real-recorded expressions that are freely controllable. With the control of MIDI CC, it can express tone changes like a real Dizi performance.

Gliss

With three different speeds of real-recorded gliss samples and sample synthesis technique, *Whisper of Loong* can perform gliss at freely adjustable speed.

Self-developed Vibrato Engine

Real-sample-based LFO engine making *Whisper of Loong* performs vibrato that is both realistic and adjustable.

Sampling Engine

Self-developed sampling engine with better sound quality, more powerful disk buffer streaming/sampling compression technology, and brand-new sound fusion technology.

Legato

We recorded the sound between legato notes in two speeds, and apply them according to playing speed in software. In addition, we recorded “popping legato” that are specific in Chinese Dizi.

Convolution reverb

At the beginning of Chinese Traditional series development, we started to record the convolution reverb samples from spectacular places, famous natural and historical heritages in China. Thus you can simulate *Whisper of Loong* being played at the Great Wall or Terracotta Army site.

Effect Rack

From the Heavier7Strings’ effect rack: Compressor, EQ, Chorus and Ping-Pong delay are included, allowing to create more flexible sounds.

Pattern Library

Complete pattern library allowing to manage your works and ideas easily, with rich preset of patterns that can be updated in the future. And you could create your own pattern by dragging MIDI clips inside.

Presets

Various presets from Chinese traditional to experimental to the edge.

Minimum System Requirements:

Intel or AMD CPUs with SSE 4.1 instruction set.

Mac OS X 10.9 / Windows 7.

4GB RAM and 2GB disk space.

Plugin Formats Provided:

Windows: 32-/64-bit VST2, 64-bit AAX

Mac: 64-bit VST2, Audio Unit and AAX

Extra Requirements on Specific Hosts:

Logic Pro X or higher (Logic 9 is not supported)

Only 32-bit VST was supported in Cakewalk Sonar 8.5