

WELCOME TO

Chris Hein - Bass

This document provides you with some
helpfull lists of keyswitches and controllers.
See the complete manual for more deatailed informations.

Thank you for purchasing „Chris Hein - Bass“. I hope you'll like it.

To get most out of this libryary. I would like to suggest the use
of an external midi-controller hardware. The most important
controllers you need is CC11 Expression and CC2 Center/Bridge)



Recording and Programming by Chris Hein

Upright Bass recording by Jochen Schmidt-Hambrock

Script programming by Josef Natterer

More Informations, News & Updates:
www.chrishein.net

Instruments

The foundation of the Chris Hein Bass library is a collection of 6 unique sampled instruments.

The „Full Instruments“ in the folder „All In One“ are the complete programs with all articulations and all available velocities. All other instruments are reduced-load variants of the “Full Instruments”, designed to help manage computer performance and RAM requirements.

Explanation of program-names:

All In One	- Instruments with all available samples
Full	- full size, All velocities
Medium	- medium size, 3-5 velocities
Light	- small size, 1-3 velocities
NoFX	- no samples based effects
Bridge	- only playing close to the bridge,
Center	- only center playing,
Sustain	- sustain articulations only

5E-Bass Pick_NoFx_Medium.nki

Bass Model
no samples based effects
Medium Velocity amount

Chris Hein - Bass Keyswitch

Hammer On			Pull Off			Effects Left Hand Pizz.			Slide Mode			Slide Down			Falls			Dead Notes		
C# 0			D# 0			F# 0			G# 0			A# 0			C# 1			D# 1		
C 0	D 0	E 0	F 0	G 0	A 0	B 0	C 1	D 1	E 1	F 1										
Sustain	Pickup 1 Step	Pickup 2 Steps	Short	Strum	Slide Up	Flageolet	Muted Alt. Sustain	Port. Down	Chord Mode	Automatic Mode										

The keyswitch layout is quite the same for all instruments

MIDICONTROLLER

OVERVIEW

General-Controls:

Bridge / Center	CC02
Acoustic / Electric (<i>Upright</i>)	CC03
Thumb/Pull (<i>SlapBass</i>)	CC03
Fretposition	CC04
SHigh Velo. (<i>Upright</i>)	CC06
Volume	CC07
Tune	CC09
Pan	CC10
Expression	CC11
Sub Bass (<i>E-Bass</i>)	CC14
LFO-Vibrato	CC47
Velocity min.	CC31
Velocity max.	CC32

ADSR:

Attack	CC16
Decay	CC17
Sustain	CC18
Release	CC19

Attack-Controls:

Attack Control 1	CC25
Attack Control 2	CC26
Attack Control 3	CC27
Attack1 Density	CC37
Attack2 Density	CC38
Attack3 Density	CC39
Attack1 Dynamic	CC44
Attack2 Dynamic	CC45
Attack3 Dynamic	CC46

Release-Controls:

Squeek Control	CC21
Strum Rel.Trigger	CC22
Stop Noise RelTrig.	CC23
Note Off Rel Trig.	CC24
Squeek Density	CC33
Strum Density	CC34
Stop Noise Density	CC35
Note Off Density	CC36
Squeek Dynamic	CC40
Sreum Dynamic	CC41
Stop Noise Dynamic	CC42
Note Off Dynamic	CC43

Sound-Controls;

Fall Control	CC20
Rattle Control 1	CC28
Atmosphere Level	CC29
Flageolet Control	CC30
Feed Atk	CC117
Flago Atk	CC118
Fall Length	CC119

Harmonize-Controls:

Interval	CC50
Harmonize Time	CC51

Hotkey controls

LastNote	CC60
Hotkey G1	CC66
Hotkey G#1	CC67
Hotkey A1	CC68
Hotkey A#1	CC69

Chord/Slide Mode:

Slide-Speed	CC05
Slide Stop Sustain	CC54
Chord-Keys on/off	CC48
Chord-Speed	CC55
Random Chord-Speed	CC56
Chord Sustain	CC57
Harmonic Bass	CC58
Strings	Velocity/CC60

Filter:

Filter Cut Off	CC91
Filter Resonance	CC92

EQ 1:

EQ 1 Frequency	CC70
EQ 1 Bandwith	CC71
EQ 1 Level	CC72

EQ 2:

EQ 2 Frequency	CC73
EQ 2 Bandwith	CC74
EQ 2 Level	CC75

EQ 3:

EQ 3 Frequency	CC76
EQ 3 Bandwith	CC77
EQ 3 Level	CC78

Reverb:

Preset	CC93
Reverb Level	CC101
Reverb Pre Delay	CC102
Reverb Time	CC103
Reverb Damping	CC105

Delay:

Preset	CC94
Delay Level	CC107
Delay Time	CC108
Delay Damping	CC109
Delay Feedback	CC111

Chorus:

Preset	CC95
Chorus Level	CC112
Chorus Depth	CC113
Chorus Speed	CC114
Chorus Phase	CC115

Flanger:

Preset	CC96
Flanger Feedback	CC86
Flanger Speed	CC84
Flanger Dept	CC83
Flanger Level	CC85

Phaser:

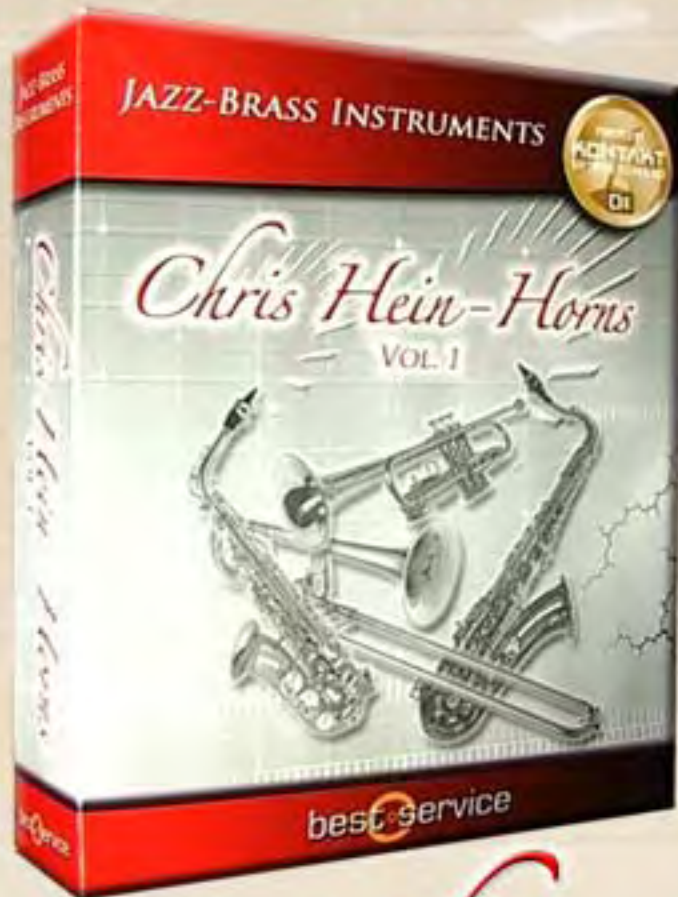
Preset	CC97
Phaser Feedback	CC89
Phaser Speed	CC88
Phaser Dept	CC87
Phaser Level	CC90

Compressor Pro:

Preset	CC98
Comp. Treshold	CC79
Comp. Ratio	CC80
Comp. Attack	CC81
Comp. Level	CC82

Also available from Chris Hein:

Chris Hein-Horns



Alto - Saxophone
Tenor - Saxophone
Bb - Trumpet
Bb - Trombone

- All sounds are playable within one preset
- Use up to 20 velocity steps
- 44 Playing techniques with keyswitches
- Light, Medium & Full versions available
- 4.500 – 6.000 single samples/ instruments
- Reverb, Delay & Chorus inclusive
- Special Controls: Legato Mode, Dirty Notes, Dead Notes, Real Vibrato, Air-Stream, Growl, Spit, Sax-Keys, Breath Release Trigger.

Chris Hein-Guitars

„Chris Hein - Guitars“ is an outstanding, sampled virtual instrument. thousands of samples, many articulations and dynamics all in one preset per instrument. With about 40.000 samples and 18 GB content, CHG is the largest available guitar library. Thanks to Native Instruments genius script feature, „Chris Hein - Guitars“ is easy to control

INSTRUMENTS:

- E-Guitar Clean
- E-Guitar Blues
- E-Guitar Chorus
- Jazz Guitar Plectrum
- Jazz Guitar Finger
- Steel Guitar Plectrum
- Nylon Guitar Finger
- Banjo
- Mandolin

MAIN FEATURES:

- Kontakt Player 2 included
- 40.000 Samples, 18 GB content
- Up To 6.700 samples per instrument
- up to 49 articulations in one preset
- up to 13 velocities
- 69 intelligent midicontroller
- reverb, delay, chorus & 3-band EQ
- flanger, phaser, compressor, filter.

CONTROLS & SCRIPTS:

- Chord Mode
- Different Slide Modes
- Solo Mode (hammer on/pull off)
- Harmonizer
- Electric/acoustic blending
- different Release-Controls
- different Attack-Controls
- Fall Control
- Rattle Control
- Atmosphere Control
- Automatic Up- and Downstroke
- Bridge- and Center playing
- Effect Samples
- Chord-Patterns available as midifiles



**Recording &
 Programming
 by Chris Hein**

More Informations:
www.chrishein.net
www.bestservic.de