

Doublebass



Thank you for choosing an Xsample instrument!

Features

- easy and comfortably playable instruments
- „all in one“ instruments (all playing styles clearly in one instrument)
- fully chromatically sampled and multilayer
- natural and vivid loops for all sustained notes
- seamless dynamics and timbre by xfades:
continuous sound from ppp to fff
- Stereo and mono version (switchable in the instrument)
- Room Walker script for effects within a virtual two-dimensional space
- 61 IR Samples (room impulses)
- A variety of modulators

Software requirements

- Full version of Native Instruments Kontakt (Version 5.5 or higher)
With the free Kontakt Player version, the library can only be operated
in demo mode for 15 minutes.

Playing styles and articulations

playing style / articulation	dynamic layers	round robin (emulated)
natural vibrato	3	3
senza vibrato	3	3
flautando fragile	1	3
tremolo	2	3
spiccato	2*3	3
marcato staccato	1	3
gettato	2*2	3
sul ponticello	1	3
sul ponticello short	1*2	3
sul ponticello spiccato	1*4	3
sul ponticello tremolo	1	3
pizzicato	3	3
pizzicato harmonics	1*2	3
Bartok pizzicato	1	3
pizzicato in peg box	3*4	-
pizzicato behind bridge	3*4	-
pizzicato con sordino	1	3
col legno	1	3
col legno gettato	1*2	3
finger	1	3
spotted	1	3

playing style / articulation	dynamic layers	round robin (emulated)
natural harmonics	1*5	-
artificial harmonics	1	3
artificial harmonics glissando	1*5	-
harmonics glissando / senza + con sord.	1*5	-
harmonics gliss. tremolo / senza + con sord.	1*5	-
con sordino vibrato	2	3
con sordino senza vibrato	1	3
rosin plucks	1	3
rosin noises	1	-
body strokes	1	-
dead notes	1	-
bow percussion	1	-
slides up & down	1*2	3
undefined tones	1	-

Fixed patches

The fixed patches have fixed built-in presets. The keyswitches or cc#0 values apply across instruments. That means that e.g. a „staccato“ of the violin is on the same keyswitch as the „staccato“ of the violoncello.

- Patch: **Doublebass play.nki**
 Layer 1 = velocity 1 → 69 (or layer switch A#7)
 Layer 2 = velocity 70 → 99 (or layer switch B7)
 Layer 3 = velocity 100 → 127 (or layer switch C8)

	Keyswitch	cc#0 value	Preset
Layer 1	A0	0	vibrato cc#1
	A#0	1	vibrato velocity
	B0	2	vibrato con sordino cc#1
	C1	3	vibrato con sordino velocity
	C#1	4	tremolo cc#1
	D1	5	artificial harmonics velocity
	D#1	6	harmonics glissando velocity
	E1	7	spiccato velocity
	F1	8	pizzicato velocity
	F#1	9	col legno velocity
	G1	10	finger velocity
	G#1	11	sul ponticello short velocity
Layer 2	A1	12	body resonance
	A0	13	senza vibrato cc#1
	A#0	14	senza vibrato velocity
	B0	15	senza vibrato con sordino cc#1
	C1	16	senza vibrato con sordino velocity
	C#1	17	tremolo sul ponticello cc#1
	D1	18	natural harmonics velocity
	D#1	19	harmonics glissando
	E1	20	harmonics glissando
	F1	21	harmonics glissando
	F#1	22	harmonics glissando
	G1	23	harmonics glissando
Layer 3	G#1	24	sul ponticello velocity
	A1	25	undefined tones velocity
	A0	26	xfade vibrato → senza vibrato cc#1
	A#0	27	xfade vibrato → senza vibrato velocity
	B0	28	xfade con sordino vibrato → con sordino senza vibrato cc#1
	C1	29	xfade con sordino vibrato → con sordino senza vibrato velocity
	C#1	30	tremolo harmonics velocity
	D1	31	natural harmonics pizzicato velocity
	D#1	32	natural harmonics pizzicato velocity
	E1	33	natural harmonics pizzicato velocity
	F1	34	natural harmonics pizzicato velocity
	F#1	35	natural harmonics pizzicato velocity
	G1	36	natural harmonics pizzicato velocity
	G#1	37	xfade sul ponticello → tremolo sul ponticello cc#2 / cc#1
A1	38	xfade sul ponticello → tremolo sul ponticello cc#2 / cc#1	

- Patch: **Doublebass score.nki**
 Layer 1 = velocity 1 → 64 (or layer switch C8)
 Layer 2 = velocity 65 → 87 (or layer switch C8)
 Layer 3 = velocity 88 → 102 (or layer switch C8)
 Layer 4 = velocity 103 → 127 (or layer switch C8)

	Keyswitch	cc#0 value	Preset
Layer 1	A0	0	vibrato cc#1
	A#0	1	senza vibrato cc#1
	B0	2	vibrato con sordino cc#1
	C1	3	senza vibrato con sordino cc#1
	C#1	4	tremolo cc#1
	D1	5	artificial harmonics cc#1
	D#1	6	spiccato velocity
	E1	7	marcato staccato velocity
	F1	8	pizzicato velocity
	F#1	9	Bartok pizzicato velocity
	G1	10	col legno velocity
	G#1	11	finger velocity
	A1	12	sul ponticello short velocity
Layer 2	A#1	13	sul ponticello cc#1
	A0	14	tremolo sul ponticello cc#1
	A#0	15	tremolo harmonics cc#1
	B0	16	harmonics glissando cc#1
	C1	17	harmonics glissando con sordino cc#1
	C#1	18	harmonics glissando tremolo cc#1
	D1	19	harmonics glissando tremolo con sordino cc#1
	D#1	20	harmonics glissando tremolo con sordino cc#1
	E1	21	harmonics glissando tremolo con sordino cc#1
	F1	22	harmonics glissando tremolo con sordino cc#1
	F#1	23	short glissando
	G1	24	natural harmonics sul B cc#1
	G#1	25	natural harmonics sul E cc#1
	A1	26	natural harmonics sul A cc#1
	A#1	27	natural harmonics sul D cc#1
Layer 3	A0	28	natural harmonics sul G cc#1
	A#0	29	natural harmonics pizzicato sul B cc#1
	B0	30	natural harmonics pizzicato sul E cc#1
	C1	31	natural harmonics pizzicato sul A cc#1
	C#1	32	natural harmonics pizzicato sul D cc#1
	D1	33	natural harmonics pizzicato sul G cc#1
	D#1	34	pizzicato glissando velocity
	E1	35	body strokes velocity
	F1	36	dead notes velocity
	F#1	37	pizzicato in peg box velocity
	G1	38	pizzicato behind bridge velocity
	G#1	39	pizzicato behind bridge velocity
	A1	40	rosin noises velocity
Layer 4	A#1	41	rosin noises velocity
	A0	42	rosin noises velocity
	A#0	43	rosin noises velocity
	B0	44	rosin noises velocity
	C1	45	rosin noises velocity
	C#1	46	bow percussion velocity

With each keyswitch you get some information about the current preset on the message line at the bottom of Kontakt.

If you want to know more about the standard scripting please download the „standard scripting documentation.pdf“. The document can be found here:

[**Xsample Downloads**](#)

Elastic patches

The elastic patches are freely configurable. But there are also factory settings for the keyswitches or cc#0 values. They furthermore contain additional playing styles and articulations that are not included in the fixed patches.

- Patch: **Doublebass.nki**
Factory bank preset list

1 Senza Vibrato Velocity + MW inverted	41 Senza Vibrato MW
2 Spiccato Pizzicato Col Legno MW Switch	42 Vibrato MW
3 Tremolo Velocity + MW inverted	43 Vibrato + Senza Vibrato MW 2 dimensional X CC2
4 Tremolo SP + Sul Ponticello MW	44 Uncommon Articulation Delay 16
5 Harmonics	45 Tremolo MW
6 Con Sordino Vibrato + Senza Vibrato Velocity MW	46 Spiccato Velocity
7 Vibrato Velocity + MW inverted	47 Pizzicato Velocity
8 Spiccato + Marcato CC2 MW Shape	48 Col Legno Velocity
9 Pizzicato + Bartok Pizzicato CC2 MW Shape	49 Bartok Pizzicato Velocity
10 Col Legno + Finger CC2 MW Shape	50 Finger Velocity
11 Vibrato Velocity Ensemble 3 Voices	51 Tremolo Sul Ponticello MW
12 Spiccato Velocity Ensemble 3 Voices	52 Sul Ponticello MW
13 Pizzicato Velocity Ensemble 3 Voices	53 Harmonics MW
14 Tremolo Velocity Ensemble 3 Voices	54 Con Sordino Senza Vibrato MW
15 Bartok Pizzicato Velocity Ensemble 3 Voices	55 Con Sordino Vibrato MW
16 Col Legno Velocity Ensemble 3 Voices	56 Marcato Staccato Velocity
17 Con Sordino Vibrato Velocity Ensemble 3 Voices	57 Gettato Velocity
18 Finger Velocity Ensemble 3 Voices	58 Col Legno Gettato Velocity
19 Tremolo Sul Ponticello Velocity Ensemble 3 Voices	59 Harmonics Tremolo MW
20 Sul Ponticello Velocity Ensemble 3 Voices	60 Body Strokes Velocity
21 Undefined tones A Ensemble	61 Dead Notes Velocity
22 Tuning Peg + Tailpiece Pluck + Undefined Tones Ensemble	62 Pizzicato in Peg Box Velocity
23 Random Pizzicato Garden MW Shape	63 Pizzicato Behind Bridge Velocity
24 Unpredictable Ensemble	64 Bow Percussion Velocity
25 Undefined tones A	65 Harmonics Glissando MW
26 Tuning Peg + Tailpiece Pluck + Undefined Tones	66 Harmonics Glissando Tremolo MW
27 Pizzicato Harmonics	67 Harmonics Glissando Con Sordino MW
28 Natural Harmonics	68 Harmonics Glissando Con Sordino Tremolo MW
29 Sul Ponticello Short Velocity	69 Natural Harmonics sul B MW
30 Spiccato Sul Ponticello Velocity	70 Natural Harmonics sul E MW
31 Gettato Velocity MW Shape	71 Natural Harmonics sul A MW
32 Col Legno Gettato MW Shape	72 Natural Harmonics sul D MW
33 Spotted MW Shape	73 Natural Harmonics sul G MW
34 Talking Bow	74 Pizzicato Harmonics sul B MW
35 Rosin Plucks	75 Pizzicato Harmonics sul E MW
36 Pizzicato Glissando Velocity	76 Pizzicato Harmonics sul A MW
37 Harmonics Glissandi	77 Pizzicato Harmonics sul D MW
38 Harmonics Glissandi Con Sordino	78 Pizzicato Harmonics sul G MW
39 Spiccato Tempo Sync 16T	79 With Accent Velocity
40 Flautando Fragile Velocity	80 Staccato Velocity MW Spiccato
	81 Portato Velocity

All presets with „long“ playing styles are playable with Xsample's semi-automatic true legato, a combination of samples and scripted legato.

If you want to know more about the various functions of the elastic patches, please hold your mouse over the respective buttons or menus. The information is then displayed when the "Info Pane" of Kontakt is switched on.

If you want to design your own presets, phrases and room walker setups please download the „extended scripting documentation.pdf“. The document can be found here:

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