

Violoncello



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
tremolo	2	3
spiccato	2*2	3
marcato staccato	1*2	3
gettato	2*2	3
sul ponticello	1	3
sul ponticello short	1*2	3
sul ponticello tremolo	1	3
pizzicato	2*2	3
pizzicato vibrato	1	3
Bartok pizzicato	1	3
pizzicato in peg box	1*4	-
pizzicato behind bridge	1*4	-
pizzicato alla doublebass	1	3
pizzicato sul ponticello	1	3
col legno	1	3
col legno gettato	1*2	3
finger	1*2	3
natural harmonics	1*4	-
natural harmonics con sordino	1*4	-
harmonics trill	1	3
artificial harmonics	1	3

playing style / articulation	dynamic layers	round robin (emulated)
harmonics glissando	1*4	-
harmonics glissando con sordino	1*4	-
harmonics glissando tremolo	1*4	-
con sordino vibrato	2	3
con sordino senza vibrato	1	3
body strokes	1	-
dead notes	1	-
rosin noises	1	-
tailpiece / spike bowed	1	-
bow scratch	1	-
various plucks	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: **Violoncello 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	tremolo sul ponticello cc#1
	D#1	19	glissandi velocity
	E1	20	glissandi velocity
	F1	21	glissandi velocity
	F#1	22	glissandi velocity
	G1	23	glissandi velocity
	G#1	24	sul ponticello velocity
	A1	25	undefined tones velocity
Layer 3	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	tremolo harmonics velocity
	D#1	32	tremolo harmonics velocity
	E1	33	tremolo harmonics velocity
	F1	34	tremolo harmonics velocity
	F#1	35	tremolo harmonics velocity
	G1	36	tremolo harmonics 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: **Violoncello 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 cc#1
	D#1	20	harmonics glissando tremolo cc#1
	E1	21	glissando cc#1
	F1	22	glissando con sordino cc#1
	F#1	23	glissando con sordino cc#1
	G1	24	glissando con sordino cc#1
	G#1	25	glissando con sordino cc#1
Layer 3	A1	26	glissando con sordino cc#1
	A#1	27	glissando con sordino cc#1
	A0	28	glissando con sordino cc#1
	A#0	29	glissando con sordino cc#1
	B0	30	glissando con sordino cc#1
	C1	31	glissando con sordino cc#1
	C#1	32	glissando con sordino cc#1
	D1	33	glissando con sordino cc#1
	D#1	34	glissando con sordino cc#1
	E1	35	body strokes velocity
	F1	36	body strokes velocity
	F#1	37	pizzicato in peg box velocity
	G1	38	pizzicato behind bridge velocity
Layer 4	G#1	39	arco behind stringholder cc#1
	A1	40	rosin noises velocity
	A#1	41	rosin noises velocity
	A0	42	rosin noises velocity
	A#0	43	bow scratch cc#1
	B0	44	bow scratch cc#1
	C1	45	tailpiece bowed cc#1
	C#1	46	tailpiece bowed cc#1
	D1	47	spike bowed cc#1
	D#1	48	various plucks 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: **Violoncello.nki**
Factory bank preset list

1 Senza Vibrato Velocity + MW inverted	45 Tremolo MW
2 Spiccato Pizzicato Col Legno MW Switch	46 Spiccato Velocity
3 Tremolo Velocity + MW inverted	47 Pizzicato Velocity
4 Tremolo SP + Sul Ponticello MW	48 Col Legno Velocity
5 Harmonics + Glissando Velocity	49 Bartok Pizzicato Velocity
6 Con Sordino Vibrato + Senza Vibrato Velocity MW	50 Finger Velocity
7 Vibrato Velocity + MW inverted	51 Tremolo Sul Ponticello MW
8 Spiccato + Marcato CC2 MW Shape	52 Sul Ponticello MW
9 Pizzicato + Bartok Pizzicato CC2 MW Shape	53 Artificial Harmonics MW
10 Col Legno + Finger CC2 MW Shape	54 Con Sordino Senza Vibrato MW
11 Vibrato Velocity Ensemble 3 Voices	55 Con Sordino Vibrato MW
12 Spiccato Velocity Ensemble 3 Voices	56 Marcato Short Velocity
13 Pizzicato Velocity Ensemble 3 Voices	57 Artificial Harmonics Con Sordino MW
14 Tremolo Velocity Ensemble 3 Voices	58 Artificial Harmonics Trill MW
15 Bartok Pizzicato Velocity Ensemble 3 Voices	59 Flautando MW
16 Col Legno Velocity Ensemble 3 Voices	60 Spiccato Con Sordino Velocity
17 Con Sordino Vibrato Velocity Ensemble 3 Voices	61 Spiccato Sul Ponticello Velocity
18 Finger Velocity Ensemble 3 Voices	62 Staccato Velocity MW Spiccato
19 Tremolo Sul Ponticello Velocity Ensemble 3 Voices	63 Harmonics Tremolo MW
20 Sul Ponticello Velocity Ensemble 3 Voices	64 Pizzicato Con Sordino Velocity
21 Undefined tones A Ensemble	65 Body Strokes Velocity
22 Tuning Peg + Tailpiece Pluck + Undefined Tones Ensemble	66 Pizzicato in Peg Box Velocity
23 Random Pizzicato Garden MW Shape	67 Pizzicato Behind Bridge Velocity
24 Unpredictable Ensemble	68 Rosin Noises Velocity
25 Undefined tones A	69 Tailpiece Bowed MW
26 Tuning Peg + Tailpiece Pluck + Effects	70 Spike Bowed MW
27 Harmonics Glissando	71 Pizzicato Spike-String Holder-Bridge Velocity
28 Glissandi	72 Bow Scratch MW
29 Natural Harmonics	73 Natural Harmonics sul C MW
30 Natural Harmonics Con Sordino	74 Natural Harmonics sul G MW
31 Sul Ponticello Short Velocity	75 Natural Harmonics sul D MW
32 Gettato Velocity	76 Natural Harmonics sul A MW
33 Pizzicato Vibrato Velocity	77 Natural Harmonics Con Sordino sul C MW
34 Pizzicato Vibrato Ensemble 3 Voices	78 Natural Harmonics Con Sordino sul G MW
35 Pizzicato Sul Ponticello Velocity	79 Natural Harmonics Con Sordino sul D MW
36 Pizzicato alla Doublebass Velocity	80 Natural Harmonics Con Sordino sul A MW
37 Col Legno Gettato Velocity	81 Glissandi MW
38 Spiccato Tempo Sync 16T	82 Glissandi Con Sordino MW
39 Senza Vibrato MW	83 Harmonics Glissando MW
40 Vibrato MW	84 Harmonics Glissando Con Sordino MW
41 Vibrato + Senza Vibrato MW 2 dimensional X CC2	85 Harmonics Glissando Tremolo MW
42 Uncommon Articulation Delay 16	86 With Accent Velocity
43 Harmonics Trill Velocity	87 Portato Velocity
44 Artificial Harmonics Con Sordino Velocity	

All presets with „long“ playing styles are playable with Xample'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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