



Complete Part 4

Thank you for choosing an Xsample Library!

This new version of Xsample AIL Complete Part 4 contains now in addition to the fixed patches also the elastic patches.

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

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

Xsample AIL Complete Part 4 contains the following instruments:

- Violin
- Viola
- Violoncello
- Doublebass
- Strings (ensemble layouts)

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.



Violin

License Agreement

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Playing styles and articulations

playing style / articulation	dynamic layers	round robin (emulated)
natural vibrato	3	3
senza vibrato	3	3
tremolo	3	3
spiccato	2*2	3
marcato staccato	1	3
marcato (one bow)	1*2	3
marcato vibrato (one bow)	1*2	3
sul ponticello	1	3
sul ponticello tremolo	1	3
pizzicato	2*2	3
pizzicato vibrato	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*2	3
finger	1	3
artificial harmonics	1	3
artificial harmonics glissando	1*4	-
harmonics glissando	1*4	-
harmonics glissando tremolo	1*4	-
con sordino vibrato	1	3
con sordino senza vibrato	1	3
con sordino spiccato	1*2	3
body strokes	1	-
dead notes	1	-
rosin noises	1	-
bridge bowed	1	-
slides up & down	1*2	3
undefined tones	1	-

Fixed patches

- Patch: **Violin 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	finger 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	tremolo sul ponticello cc#1
	E1	20	tremolo sul ponticello cc#1
	F1	21	tremolo sul ponticello cc#1
	F#1	22	tremolo sul ponticello cc#1
	G1	23	tremolo sul ponticello cc#1
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	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: **Violin 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 cc#1
	C#1	18	harmonics glissando tremolo cc#1
	D1	19	harmonics glissando tremolo cc#1
	D#1	20	artificial harmonics glissando cc#1
	E1	21	artificial harmonics glissando cc#1
	F1	22	artificial harmonics glissando cc#1
	F#1	23	artificial harmonics glissando cc#1
	G1	24	artificial harmonics glissando cc#1
	G#1	25	artificial harmonics glissando cc#1
Layer 3	A1	26	artificial harmonics glissando cc#1
	A#1	27	artificial harmonics glissando cc#1
	A0	28	artificial harmonics glissando cc#1
	A#0	29	artificial harmonics glissando cc#1
	B0	30	artificial harmonics glissando cc#1
	C1	31	artificial harmonics glissando cc#1
	C#1	32	artificial harmonics glissando cc#1
	D1	33	artificial harmonics glissando cc#1
	D#1	34	artificial harmonics glissando cc#1
	E1	35	body strokes velocity
	F1	36	dead notes velocity
	F#1	37	pizzicato in peg box velocity
	G1	38	pizzicato behind bridge velocity
Layer 4	G#1	39	pizzicato behind bridge velocity
	A1	40	rosin noises velocity
	A#1	41	rosin noises velocity
	A0	42	rosin noises velocity
	A#0	43	rosin noises velocity
	B0	44	bridge bowed cc#1
	C1	45	tailpiece bowed cc#1

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

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

1 Senza Vibrato Velocity + MW inverted	39 Vibrato 1 + Senza Vibrato MW 2 dimensional X CC2
2 Spiccato Pizzicato Col Legno MW Switch + CC2 Xfade	40 Vibrato 2 + Senza Vibrato MW 2 dimensional X CC2
3 Tremolo Velocity + MW inverted	41 Uncommon Articulation Delay 16
4 Tremolo SP + Sul Ponticello MW	42 Tremolo MW
5 Harmonics + Glissando	43 Spiccato Velocity
6 Con Sordino Vibrato + Senza Vibrato Velocity MW	44 Pizzicato Velocity
7 Vibrato Velocity 1 + MW inverted	45 Col Legno Velocity
8 Spiccato + Marcato CC2 MW Shape	46 Bartok Pizzicato Velocity
9 Pizzicato + Bartok Pizzicato CC2 MW Shape	47 Finger Velocity
10 Col Legno + Finger CC2 MW Shape	48 Tremolo Sul Ponticello MW
11 Vibrato Velocity Ensemble 4 Voices	49 Sul Ponticello MW
12 Spiccato Velocity Ensemble 4 Voices	50 Artificial Harmonics MW
13 Pizzicato Velocity Ensemble 4 Voices	51 Con Sordino Senza Vibrato MW
14 Tremolo Velocity Ensemble 4 Voices	52 Con Sordino Vibrato MW
15 Bartok Pizzicato Velocity Ensemble 4 Voices	53 Marcato Staccato Velocity
16 Col Legno Velocity Ensemble 4 Voices	54 Sul Ponticello Short Velocity
17 Con Sordino Vibrato Velocity Ensemble 4 Voices	55 Portato Velocity
18 Finger Velocity Ensemble 4 Voices	56 Col Legno Gettato Velocity
19 Tremolo Sul Ponticello Velocity Ensemble 4 Voices	57 Pizzicato Con Sordino Velocity
20 Sul Ponticello Velocity Ensemble 4 Voices	58 Pizzicato Con Sordino Vibrato Velocity
21 Undefined tones A Ensemble	59 Body Strokes Velocity
22 Tuning Peg + Tailpiece Pluck + Undefined tones Ensemble	60 Pizzicato in Peg Box Velocity
23 Random Pizzicato Garden MW Shape	61 Tailpiece Bowed MW
24 Unpredictable Ensemble	62 Bridge Bowed MW
25 Undefined tones C Ensemble	63 Pizzicato Behind Bridge Velocity
26 Undefined tones A	64 Dead Notes Velocity
27 Undefined tones C	65 Rosin Noises Velocity
28 Harmonics Glissando natural + artificial	66 Harmonics Glissando MW
29 Marcato one bow MW Shape	67 Harmonics Tremolo Glissando MW
30 Marcato Vibrato one bow MW Shape	68 Artificial Harmonics Glissando MW
31 Spiccato Con Sordino + Pizzicato MW + CC2 Switch	69 Harmonics Tremolo MW
32 Pizzicato Con Sordino + Vibrato MW	70 Spiccato Con Sordino Velocity
33 Pizzicato Vibrato	71 Staccato Velocity MW Spiccato
34 Pizzicato Vibrato Ensemble 4 Voices	72 Flautando MW
35 Spiccato Tempo Sync 16T	73 Spiccato Sul Ponticello Velocity
36 Senza Vibrato MW	74 Pizzicato Sul Ponticello Velocity
37 Vibrato 1 MW	75 With Accent Velocity
38 Vibrato 2 MW	76 Gettato 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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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	3
gettato	1*2	3
sul ponticello	1	3
sul ponticello tremolo	1	3
pizzicato	2	3
pizzicato vibrato	1	3
Bartok pizzicato	1	3
pizzicato in peg box	1*4	-
pizzicato behind bridge	1*4	-
pizzicato soft	1	3
pizzicato harmonics	1*4	-
col legno	1	3
finger	1	3
natural harmonics	1*4	3
artificial harmonics	1	3
artificial harmonics glissando	1*4	-
harmonics glissando	1*4	-
harmonics glissando tremolo	1*4	-
con sordino vibrato	2	3
con sordino senza vibrato	1	3
body strokes	1	-
arco between stringholder & bridge	1	-
scratch string	1*4	-
bridge bowed	1*4	-
bow scratch	1	-
scroll kiss	1	-
slides up & down	1*2	3
undefined tones	1	-

Fixed patches

- Patch: **Viola 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	tremolo sul ponticello cc#1
	E1	20	tremolo sul ponticello cc#1
	F1	21	tremolo sul ponticello cc#1
	F#1	22	tremolo sul ponticello cc#1
	G1	23	tremolo sul ponticello cc#1
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	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: **Viola 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 cc#1
	C#1	18	harmonics glissando tremolo cc#1
	D1	19	harmonics glissando tremolo cc#1
	D#1	20	artificial harmonics glissando cc#1
	E1	21	artificial harmonics glissando cc#1
	F1	22	artificial harmonics glissando cc#1
	F#1	23	artificial harmonics glissando cc#1
	G1	24	artificial harmonics glissando cc#1
	G#1	25	artificial harmonics glissando cc#1
Layer 3	A1	26	artificial harmonics glissando cc#1
	A#1	27	artificial harmonics glissando cc#1
	A0	28	artificial harmonics glissando cc#1
	A#0	29	artificial harmonics glissando cc#1
	B0	30	artificial harmonics glissando cc#1
	C1	31	artificial harmonics glissando cc#1
	C#1	32	artificial harmonics glissando cc#1
	D1	33	artificial harmonics glissando cc#1
	D#1	34	artificial harmonics glissando 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	arco behind stringholder cc#1
	A#1	41	scratch string cc#1
	A0	42	scroll kiss velocity
	A#0	43	bow scratch cc#1
	B0	44	bridge bowed cc#1

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Elastic patches

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

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

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Violoncello



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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
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

- 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
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	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.

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[Xsample Downloads](#)

Elastic 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.

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[Xsample Downloads](#)

Doublebass



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If you purchase an Xsample instrument please keep in mind that you then don't own the samples and patches of the library. You purchase a license only to use the instruments in your own music productions.

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
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

- 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	tnatural 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
Layer 3	A1	26	natural harmonics sul A cc#1
	A#1	27	natural harmonics sul D cc#1
	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
Layer 4	G#1	39	pizzicato behind bridge velocity
	A1	40	rosin noises velocity
	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

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[Xsample Downloads](#)

Elastic patches

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

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

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

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[Xsample Downloads](#)

Strings

(ensemble layouts with violin, viola, violoncello and doublebass)

Elastic patches

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

- 1 Vibrato Velocity
- 2 Senza Vibrato Velocity
- 3 Spiccato Velocity + Marcato MW Switch
- 4 Tremolo Velocity + MW inverted
- 5 Harmonics Velocity
- 6 Pizzicato Velocity
- 7 Col Legno Velocity
- 8 Bartok Pizzicato Velocity
- 9 Tremolo Sul Ponticello
- 10 Sul Ponticello
- 11 Finger Velocity
- 12 Con Sordino Vibrato Velocity
- 13 Con Sordino Senza Vibrato Velocity
- 14 Sul Ponticello Short Velocity
- 15 Gettato Velocity
- 16 Glissandi Velocity
- 17 Body Strokes Velocity
- 18 Harmonics Glissandi Velocity
- 19 Undefined Tones Velocity
- 20 Slides Up Velocity Release Switch
- 21 Slides Down Velocity Release Switch
- 22 Pizzicato Vibrato Velocity
- 23 Vibrato Velocity + MW inverted
- 24 Senza Vibrato Velocity + MW inverted
- 25 Vibrato Velocity alternate
- 26 Vibrato MW
- 27 Senza Vibrato MW
- 28 Con Sordino Vibrato MW
- 29 Vibrato Velocity Bell MW
- 30 Senza Vibrato Velocity Bell MW
- 31 Tremolo Sul Ponticello MW
- 32 Sul Ponticello MW
- 33 Harmonics Glissandi MW
- 34 Glissandi MW
- 35 With Accent Velocity
- 36 Staccato Velocity MW Spiccato
- 37 Tremolo MW
- 38 Con Sordino Senza Vibrato MW
- 39 Harmonics MW
- 40 Spiccato Velocity
- 41 Marcato Staccato Velocity

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Standardized Keyswitch Setup Strings

Key	cc#0	Keyswitch Bank 1	
C	88	1	vib.
C#	89	2	vib. M
D	90	3	non vib.
D#	91	4	non vib. M
E	92	5	portato
F	93	6	spiccato
F#	94	7	tremolo
G	95	8	tremolo M
G#	96	9	harmonics
A	97	10	pizzicato
Keyswitch Bank 2			
C	98	11	staccato
C#	99	12	marcato staccato
D	100	13	accent
D#	101	14	gettato
E	102	15	col legno
F	103	16	col legno gettato
F#	104	17	Bartok pizz.
G	105	18	sul pont.
G#	106	19	sul pont. tremolo
A	107	20	con sord. vib. X non vib.
Keyswitch Bank 3			
C	108	21	harmonics glissando
C#	109	22	finger
D	110	23	body strokes
D#	111	24	pizz. behind bridge
E	112	25	pizz. in peg box
F	113	26	undefined sounds
F#	114	27	vib. ensemble
G	115	28	spicc. ensemble
G#	116	29	pizz. ensemble
A	117	30	trem. ensemble