

Notation Guide Xsample AI Library







Part I

Table of contents


Keywords, SoundID's and functions for Finale and Sibelius

- [Woodwinds](#)
- [Brass](#)
- [Timpani](#)
- [Percussion](#)
- [Mallets](#)
- [Stringed instruments](#)
- [Keyed instruments](#)
- [Strings](#)

Woodwinds

switching parameter			cc0	piccolo	flute	alto flute	bass flute	oboe	oboe d' amore	english horn	bassoon	contra bassoon	clarinet (Eb)	clarinet (Bb)	basset horn	bass clarinet	alto sax
style	Finale	Sibelius															
standard cc1	nat. / ord.	nat. / ord.	0	x	x	x	x	x	x	x	x	x	x	x	x	x	x
senza vibrato cc1	senza vib.	senza vib.	1		x	x		x	x	x	x	x					x
staccato velocity			2	x	x	x	x	x	x	x	x	x	x	x	x	x	x
flutter tongue cc1			3	x	x	x	x	x		x			x	x	x	x	x
slap tongue velocity	slap tongue	[+slap-tongue]	4				x				x	x					x
xfade secco → key noises velocity	secco	[+secco]	5	x	x	x	x										
multiph. / var. effects cc1	multi-phonetic	[+multiphonic]	6	x	x	x	x	x	x	x	x	x	x	x	x	x	x
key noises velocity	key noises	[+key-noises]	7	x	x	x	x	x	x	x	x	x	x	x	x	x	x
whistle tones cc1	whistle tone	[+whistle-tone]	8		x												
jet whistle velocity	jet whistle	[+jet-whistle]	9		x		x										
crow on reed velocity	crow on reed	[+crow-on-reed]	10					x	x	x	x	x					
helicopter velocity	helicopter	[+helicopter]	11								x	x					
with s-noise cc1	with s-noise	[+s-noise]	12		x												
with blow noise cc1	with blow-noise	[+blow-noise]	13		x												
air noises cc1	air noise	[+air-noise]	14	x	x	x	x	x	x	x	x	x	x	x	x	x	x
rolls cc1	roll	[+roll]	15					x									
glissandi cc1	free gliss.	[+free-gliss]	16										x			x	x

Brass

switching parameter			cc0	trumpet	trombone
style	Finale	Sibelius			
senza vibrato cc#1	nat. / ord.	nat. / ord.	0	x	x
staccato velocity			13	x	x
flutter tongue cc#1			2	x	x
standard mute cc#1	(standard) mute	[+mute]	3	x	x
cup mute cc#1	cup mute	[+mute.cup]	4	x	x
harmon mute cc#1	harmon mute	[+mute.harmon]	5	x	
bucket mute cc#1	bucket mute	[+mute.bucket]	5		x
voice breathing cc#1	voice breathing	[+voice-breathing]	6	x	x
pedal tones cc#1	pedal tone	[+pedal-tones]	12	x	
lip trill cc#1	lip trill	[+lip-trill]	11	x	
only with mouth piece cc#1	only mouthpiece		25	x	
glissando cc#1	glissando, gliss.	[+gliss]	8	x	
harmonics glissando cc#1	harmonics gliss.	[+harmonics.gliss]	8		x
glissando free cc#1	glissando (free), gliss. (free)		9	x	
glissando down (drop) cc#1	gliss. down, drop	[+drop-down]	9	x	x
mouth piece strokes velocity			10	x	
effects velocity	air, key noise	[+effects]	7	x	x
effects 2 velocity	air noise, water effect		20	x	

Tutti / Solo (Brass)	Finale	Sibelius
a due	a due	[+tutti.2 voices]
solo	solo	[+solo]
1. Instrument	(muted in HP)	-
2. Instrument	(muted in HP)	-

Timpani

style	switching parameter		cc0	classic	advanced
	Finale	Sibelius			
standard mallets velocity	nat. / ord.	nat. / ord.	0	x	
standard mallets rolls cc#1			1	x	
damped velocity			2	x	
hard mallets velocity	(muted in HP)	[+hard] / [+hard_mallets]	3		x
hard mallets rolls cc#1	(muted in HP)	[+roll.hard]	4		x
a mano velocity	a mano	[+with hand]	5		x
with brushes velocity	with brushes	[+brush]	6		x
wiped velocity	wiped	[+wiped]	7		x
shell strokes velocity	shell	[+effects]	8		x
tremolo with cymbal cc#1	tremolo with cymbal	[+roll.cymbal]	9		x

Percussion

key	style switch play	A0	A#0	B0	C1	C#1	D1	D#1	E1	F1	damp	G1	G#1
cc#32	style switch score	0	1	2	3	4	5	6	7	8		10	11
switching parameter	Finale	nat., ord.	bowed, gestrichen		steel brushes, Besen	without snare, ohne Schnarrsaiten	rim click	r.c. without snare	soft mallets				
	Sibelius	nat., ord.	[+bowed]		[+brush]	[+snare.no]	[+rim.click]	[+rim.snare.no]	[+soft mallets]				
cymbals (KS)	single hits velocity	bowed velocity	rolls cc#1	-	-	-	-	-	-				
hi hat (KS)	stick + foot velocity	-	-	steel brushes velocity	-	-	-	-	-				
sidedrum (KS)	single hits velocity	-	rolls cc#1	steel brushes velocity	without snare velocity	rim click velocity	rim click without snare velocity	-	-		x		
steel plates (KS)	single hits velocity	bowed velocity	water sounds velocity	single hits velocity	-	-	-	-	-		x		
tom-toms (KS)	single hits velocity	-	-	steel brushes velocity	-	-	-	-	soft mallets velocity				
jews harps (KS)	A velocity	B velocity	C velocity	D velocity	F velocity	G velocity	G# velocity						
switching parameter	Sibelius	[+tone A]	[+tone B]	[+tone C]	[+tone D]	[+tone E]	[+tone F]	[+tone G]	[+tone G# high], [+tone G# low]				
big drum (KS)	standard mallets	rub tones	rolls standard mallets cc#1	steel brush	hard mallets	with hand	stroked & wiped with hand	rod strokes & only rods					
switching parameter	Sibelius	nat., ord.	[+rubed]		[+brushes]	[+hard_mallets]	[+with hand]	[+wiped], [+strokes]	[+rods], [+rod.only]				
piatti (KS)	standard	wiped	tremolo	-	-	-	-	-			x		
switching parameter	Sibelius	nat., ord.	[+wiped]										
thunder sheet (KS)	standard	-	tremolo	-	hard mallets	a mano	finger	-					
switching parameter	Sibelius	nat., ord.			[+hard_mallets]	[+with hand]	[+only.finger]						

Mallets

key	style switch play	A0	A#0	B0	C1	C#1	D1	D#1	E1	F1	(damp)
cc#32	style switch score	0	1	2	3	4	5	6	7	8	
switching parameter	Finale	nat., ord.	bowed, gestrichen	plastic mallets, soft mallets	xylo mallets, hard mallets	triangle mallets	harmonic	wiped, gewischt	finger.	sticks	
	Sibelius	nat., ord.	[+bowed]	[+plastic-mallets], [+soft_mallets]	[+xylophon-mallets], [+hard_mallets]	[+triangle-mallets]	[+harmonic]	[+wiped]	[+finger]	[+sticks]	
crotales		standard mallets velocity	bowed velocity	plastic mallets velocity	-	-	-	-	-	-	-
glockenspiel		standard mallets velocity	-	-	-	-	-	-	-	-	x
marimbaphone		standard mallets velocity	bowed velocity	-	-	-	-	wiped velocity	finger velocity	sticks velocity	x
xylophone		standard mallets velocity	-	plastic mallets velocity	-	-	-	-	-	-	x
vibraphone		standard mallets velocity	bowed velocity	-	xylo mallets velocity	triangle mallets velocity	harmonics velocity	-	-	-	x
diatonic steel drum		standard mallets velocity	sticks velocity	metal glissando fx / cc#1	-	-	-	-	-	-	x
chromatic steel drum		standard mallets velocity	-	soft mallets velocity	hard mallets velocity	-	-	-	-	-	x

Stringed instruments – Concert Harp

key	style switch	A0	A#0	B0	C1	switch to round robin mode: always (rnd)
cc#0		0	1	2	3	
switching parameter	Finale	nat., ord.	 damp, dämpfen, sec	 *	pedal trill, slide, stroke, shout	
	Sibelius	nat., ord.	 damp	 [+harmonic-multi]	[+pedal-trill, +shout, +slide, +stroke]	
concert harp		standard velocity	damped velocity	harmonics velocity (multi harmonics velocity)	pedal effects, strokes & slides velocity	(bisbigliando)



* „multi harmonics“ can be switched in Finale by a score expression with the entry: controller „CC#4 = 127“.

Stringed instruments - 8 String Guitar

style switch	key	A0	A#0	B0	C1	C#1	D1	D#1	E1	F1	F#1
	cc#0	0	1	2	3	4	5	6	7	8	9
8 string guitar		position 1 (open strings)	position 2	position 3	position 4	position 5	position 6	dead notes	slides one	slides two	strokes
Sibelius		nat., ord. * [+position 1]	[+position 2]	[+position 3]	[+position 4]	[+position 5]	[+position 6]	[+dead.notes]	[+slide]	-	[+stroke]

* change between „finger“, „plectrum“ and „slap“ (for position 1 to 6):
[+finger], [+pick], [+pick.half], [+slap.git]

Stringed instruments - Cymbalon / Dulcimer

style switch	key	A0	A#0	B0	C1	C#1	D1	D#1	E1
	cc#0	0	1	2	3	4	5	6	7
dulcimer	standard velocity	tremolo cc#1	harmonics velocity	pizzicato velocity	double pizz velocity	wood velocity	sordino velocity	effects velocity	
Sibelius	nat., ord. [+standard_mallets]			[+pizzicato]	[+pizzicato.double]	[+wood_mallets]	[+mute]	[+effects]	

Keyed instruments - Accordion

	Key	CC#0	Sign	Playing Style	Sibelius
Layer 1	A0	0		8' a cassotto	[+8'.a cassotto], ([+staccato]*)
	A#0	1		8' a cassotto + 4'	[+8'.4'.a cassotto]*
	B0	2		16' + 8' a cassotto + 4'	[+16'.8'.4'.a cassotto]*
	C1	3		16' + 8' a cassotto + 8' in cassotto + 4'	[+16'.8'.4'.tremolo]*
	C#1	4		8' a cassotto + 8' in cassotto + 4'	[+8'.4'.tremolo]*
	D1	5		8' a cassotto + 8' in cassotto (tremolo)	[+8'.tremolo]*
	D#1	6		8' in cassotto	[+8'.in cassotto]*
	E1	7		8' in cassotto + 4'	[+8'.4'.in cassotto]*
	F1	8		4'	[+4]*
	F#1	9		16' + 4'	[+16'.4']*
	G1	10		16'	[+16]*
	G#1	11		16' + 8' in cassotto	[+16'.8'.in cassotto]*
	A1	12		16' + 8' a cassotto + 8' in cassotto	[+16'.8'.tremolo]*
	A#1	13		16' + 8' in cassotto + 4'	[+16'.8'.4'.in cassotto]*
	B1	14		16' + 8' a cassotto	[+16'.8'.a cassotto]*
	C2	15		8' a cassotto bellows shake	[+8'.bellows shake]
	C#2	16		left manual 8'	[+8'.left manual]
	D2	17		left manual 16' + 8'	[+16'.8'.left manual]
	D#2	18		left manual 16'	[+16'.left manual]
Layer 2	A0	19		8' a cassotto vibrato	[+8'.vibrato.a cassotto]
	A#0	20		8' in cassotto vibrato	[+8'.vibrato.in cassotto]
	B0	21		16' vibrato	[+16'.vibrato]
	C1	22		left manual 16' vibrato	[+16'.vibrato.left manual]
	C#1	23		draw-stop noises	[+draw stop.noises]
	D1	24		bellows-strokes	[+strokes fx]
	D#1	25		bellows noises (air)	[+air-noise]
	E1	26		glissandi on keys with finger nails	[+glissando.nails]











Keyed instruments - Spinet 1 & 2 / Clavicymbel

style switch	key	A0	A#0	B0
	cc#0	0	1	2
spinet		8'	8' lute stop	effects (only spinet 1)
Sibelius		nat., ord.	[+lute.stop]	[+slide], [+stroke]
Finale		8'	Lute stop, Lautenzug	strokes, slides

Keyed instruments - Toy Piano

style switch	key	A0	A#0	B0	C1
	cc#0	0	1	2	3
toy piano		standard velocity	with hand	plucked	effects
Sibelius		nat., ord.	[+with hand]	[+plucked]	[+strokes fx]

Strings

solo strings score version - switches						switching parameter	
style	cc#0	violin	viola	violoncello	doublebass	Finale	Sibelius
vibrato cc#1	0	x	x	x	x	arco, nat., ord.	nat., ord., norm
senza vibrato cc#1	1	x	x	x	x	senza vib.	non vib
vibrato con sordino cc#1	2	x	x	x	x	con sord., mute	con sord, mute
senza vibrato con sordino cc#1	3	x	x	x	x	c. s. senza vib.	[+non vibrato.mute]
tremolo cc#1	4	x	x	x	x		
harmonics velocity	5	x	x	x	x		
spiccato velocity	6	x	x	x	x		
marcato velocity	7	x	x	x	x		
pizzicato velocity	8	x	x	x	x	pizz.	pizz
bartok pizz. velocity	9	x	x	x	x		snap pizz
col legno velocity	10	x	x	x	x	col legno	col legno
finger velocity	11	x	x	x	x	finger	[+only.finger]
sul pont. short velocity	12			x	x	s.p. secco	[+sulponticello.secco]
sul ponticello cc#1	13	x	x	x	x	sul pont.	sul pont.
tremolo sul pont. cc#1	14	x	x	x	x		
tremolo harmonics velocity	15	x	x	x	x	trem. harm.	[+tremolo.harmonics]
harmonics glissando cc#1	16	x	x	x	x	harm. gliss.	[+harmonic.gliss]
harmonics gliss. con sord. cc#1	17			x	x	c. s. harm. gliss.	[+mute.harmonic.gliss]
harmonics gliss. tremolo cc#1	18	x	x	x	x	harm. gliss. trem.	[+harmonic.gliss.tremolo]
harm. gliss. con sord. tremolo cc#1	19				x	c. s. harm. gliss. trem.	[+mute.gliss.tremolo]
artificial harmonics gliss. cc#1	20	x	x			art. harm. gliss.	[+artificial_harmonic.gliss]
glissandi cc#1	21			x		gliss. (op. strings)	[+gliss.open_strings]

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glissandi con sord. cc#1	22			x		c. s. gliss. (op. strings)	[+mute.gliss.open_strings]
short glissando	23				x	gliss. (fast)	[+gliss.fast]
natural harmonics B cc#1	24				x	harm. sul B	[+harmonic.sul_B]
natural harmonics E cc#1	25				x	harm. sul E	[+harmonic.sul_E]
natural harmonics A cc#1	26				x	harm. sul A	[+harmonic.sul_A]
natural harmonics D cc#1	27				x	harm. sul D	[+harmonic.sul_D]
natural harmonics G cc#1	28				x	harm. sul G	[+harmonic.sul_G]
natural harmonics pizz. B vel.	29				x	harm. pizz. sul B	[+harmonic.pizzicato.sul_B]
natural harmonics pizz. E vel.	30				x	harm. pizz. sul E	[+harmonic.pizzicato.sul_E]
natural harmonics pizz. A vel.	31				x	harm. pizz. sul A	[+harmonic.pizzicato.sul_A]
natural harmonics pizz. D vel.	32				x	harm. pizz. sul D	[+harmonic.pizzicato.sul_D]
natural harmonics pizz. G vel.	33				x	harm. pizz. sul G	[+harmonic.pizzicato.sul_G]
pizzicato glissando velocity	34				x	pizz. gliss. (op. strings)	[+pizzicato.gliss.open_strings]
body strokes velocity	35	x	x	x	x	body strokes	[+body.strokes]
dead notes velocity	36			x	x	dead notes	[+dead.notes]
plucks on strings in peg box velocity	37	x	x	x	x	pizz. in peg box	[+pizzicato.pegbox]
plucks on strings behind bridge velocity	38	x	x	x	x	pizz. behind bridge	[+pizzicato.behindbridge]
bowed between stringholder and bridge velocity	39		x			bowed between stringholder and bridge	[+stringholder.bridge]
rosin velocity	40	x		x	x	rosin noises	[+rosin.noises]
scratch string cc#1	41		x			scratch string	[+scratch.string]
scroll kiss velocity	42		x			scroll kiss	[+scroll.kiss]
bow scratch cc#1	43		x	x		bow scratch	[+bow.scratch]
bridge bowed cc#1	44	x	x			bridge bowed	[+bridge.bowed]
tailpiece bowed cc#1	45		x	x		tailpiece bowed	[+tailpiece.bowed]
bow percussion velocity	46				x	bow percussion	[+bow.percussion]
spike bowed cc#1	47			x		spike bowed	[+spike.bowed]
various plucks velocity	48			x		spike pluck, bridge pluck	[+various.plucks]
style	cc#0	violin	viola	violoncello	doublebass	Finale	Sibelius

Tutti / Solo (Strings)	Finale	Sibelius
tutti	tutti	[+tutti]
divisi (2 voices)	(muted in HP)	[+tutti.2 voices] ... [+tutti.5 voices]
solo	solo	[+solo]
1. Instrument	(muted in HP)	-
2. Instrument	(muted in HP)	-