

Spitfire Audio

UACC Chart (v2)

CC#32

#	Long	#	Legato	#	Short	#	Decorative	#	Phrases	#	Various
1	Long	20	Legato	40	Short	70	Trill (minor2nd)	90	FX 1	110	Disco up (rips)
2	Alternative	21	Alternative	41	Alternative	71	Trill (major 2nd)	91	FX 2	111	Disco down (falls)
3	Octave	22	Octave	42	Very short (spic)	72	Trill (minor 3rd)	92	FX 3	112	Single string (Sul C/G/etc.)
4	Octave muted	23	Octave muted	43	Very short (soft)	73	Trill (major 3rd)	93	FX 4		
5	Small (1/2)	24	Small	44	Leisurely (stac)	74	Trill (perfect 4th)	94	FX 5		
6	Small muted	25	Small muted	45	Octave	75	Multitongue	95	FX 6		
7	Muted	26	Muted	46	Octave muted	76	Multitongue muted	96	FX 7		
8	Soft (flaut/hollow)	27	Soft	47	Muted	80	Synced - 120bpm (trem/trill)	97	FX 8		
9	Hard (cuivre/overblow)	28	Hard	48	Soft (brush/feather)	81	Synced - 150bpm (trem/trill)	98	FX 9		
10	Harmonic	29	Harmonic	49	Hard (dig)	82	Synced - 180bpm (trem/trill)	99	FX 10		
11	Temolo/flutter	30	Tremolo	50	Tenuto			100	Up (rips/runs)		
12	Tremolo muted	31	Slow (port/gliss)	51	Tenuto Soft			101	Downs (falls/runs)		
13	Tremolo soft/low	32	Fast	52	Marcato			102	Crescendo		
14	Tremolo hard/high	33	Run	53	Marcato Soft			103	Decrescendo		
15	Tremolo muted low	34	Detache	54	Marcato Hard			104	Arc		
16	Vibrato (molto vib)	35	Higher	55	Marcato Long			105	Slides		
17	Higher (sul tasto/bells up)	36	Lower	56	Plucked (pizz)						
18	Lower (sul pont)			57	Plucked hard (bartok)						
19	Lower muted			58	Struck (col legno)						
				59	Higher						
				60	Lower						
				61	Harmonic						

What is UACC?

Various Spitfire Audio libraries for Kontakt support **UACC** (**U**niversal **A**rticulation **C**ontroller **C**hannel), a system developed by Spitfire to standardize articulation switching. Instead of using keyswitches to change from one articulation to another, you can select a specific articulation by setting MIDI CC#32 (Bank Select LSB) to the corresponding value.

The great advantage of UACC is that it provides a consistent way of controlling articulations across different instruments. Using the same UACC preset in KSEM, you can, for example, select the Short articulation for a violin or a trumpet using the same **CC#32** value.

Since KSEM 5 allows you to create an unlimited number of articulations, as well as load, eject, and reorder slots on the Articulation Pad, this single preset keeps all articulations just a mouse click away. It can save you a considerable amount of time, as there is no need to create and maintain separate presets for different libraries.

Furthermore, UACC allows you to load different articulation patches of the same instrument into a Kontakt Multi and switch seamlessly between them. Even though all patches are assigned to the same MIDI channel, only the selected articulation will produce sound, while the others remain silent and display „None“.

It is a bit of a pity that UACC never became an industry-wide standard. Although Spitfire no longer uses it in its own player, the idea behind it could still save composers a great deal of work today. Imagine this: a single preset could switch articulations across all libraries straight out of the box. You would only need to make a few small adjustments to the articulation names—if you feel like it, purely for the sake of perfectionism. ;-)

To use UACC instead of keyswitches, lock the articulations to UACC in the player.