

# Spitfire Symphonic Strings

## KeySwitch & Expression Map for Ableton Live

[www.swub.de](http://www.swub.de)

### Content and consistency of the library

#	Articulation	Violins 1	Violins 2	Violas	Celli	Basses	Ensembles
1	Leg Perf						
2	Leg Fingered						
3	Leg Bowed						
4	Leg Port						
5	Leg Runs						
6	Leg Sul C / G						
7	Long						
8	Long CS Blend						
9	Long CS						
10	Long Sul C / G						
11	Long Marc						
12	Long Molto VB						
13	Long Pont						
14	Long Pont Dist						
15	Long Pont CS						
16	Long Tasto						
17	Long Tasto Super						
18	Long Flautando						
19	Long Harm						
20	Stac 1'0						
21	Stac 0'5						
22	Stac Dig						
23	Stac CS						Spic CS
24	Stac Brush						
25	Stac Brush CS						
26	Stac Harm						
27	Spic						
28	Pizz						
29	Pizz Bartok						
30	Pizz Spic						
31	Col Legno						
32	Trem						
33	Trem CS						
34	Trem Pont						
35	Trem 150bpm						
36	Trem 150bpm CS						
37	Trem 180bpm						
38	Trill Min 2nd						
39	Trill Maj 2nd						
40	Trill Min 3rd						
41	Trill Maj 3rd						
42	FX						

### Notes:

The default controller to operate **vibrato** is CC 16 in the **decorative** patches. You have to change it in the Kontakt player to the usual CC 21.

**Long Sul C/G** is not included in the **core** patches of violas and celli. However, the technique exists in the folder of the individual articulations for these instruments.

### Controllers

MIDI CC	
1	Dynamic
7	Master Volume
11	Expression
16	Speed
17	Portamento (only Legato patches)
17	Release
18	Intensity (only Legato patches)
18	Tightness
21	Vibrato
22	1st Mic/Mix
23	2nd Mic/Mix
24	3rd Mic/Mix
25	4th Mic/Mix
26	5th Mic/Mix
27	6th Mic/Mix
27	6th Mic/Mix
define	Easy Mix
define	Legato Type (only Polyphonic Legato)