

Cinematic Studio Series

Cinematic Studio Strings

Articulations - Content and Consistency

Articulation	1st Violins	2nd Violins	Violas	Celli	Basses	Full Ensemble	Lite Ensemble
Sustain							
Sustain Advanced							
Marcato							
Marcato + Spiccato Overlay							
Staccato							
Staccatissimo							
Spiccato							
Sfz							
Pizzicato							
Col Legno							
Bartok Snap							
Trills							
Tremolo							
Measured Tremolo							
Harmonics							

Sliders

MIDI CC	Controls
1	Velocity XF
2	Vibrato XF
5	Portamento Volume
11	Expression Volume
58	Keyswitch CC
64	Legato Rebow

MIDI CC	Mixer
7	Master
10	Pan
define	Close
define	Main
define	Room
define	Mix
define	Reverb

Legato

Options:

Classic (Legacy), Standard, Advanced, Marcato

Velocity Values:

Standard: 0-64 Medium / 65-127 Fast

Advanced: 0-64 Slow / 65-100 Medium / 101-127 Fast

Portamento: 0-20

Delays:

Slow: 300ms

Medium: 200ms

Classic: 150ms

Fast: 100ms

Marcato: 50ms

Key + Velocity

C0 0-64	Sustain Standard
C0 65-127	Sustain Advanced
C#0	Tremolo
D0	Measured Tremolo
D#0	Trills
E0	Harmonics
F0 0-32	Spiccato
F0 33-64	Staccatissimo
F0 65-96	Staccato
F0 97-127	Sfz
F#0 0-64	Marcato
F#0 65-127	Marcato + Spiccato Overlay
G0 0-41	Pizzicato
G0 42-84	Bartok Snap
G0 85-127	Col Legno
A#0 0-64	Legato Off
A#0 65-127	Legato On
B0 0-64	Con Sordino Off
B0 65-127	Con Sordino On

CC 58

0-5	Sustain Standard
6-10	Sustain Advanced
11-15	Spiccato
16-20	Staccatissimo
21-25	Staccato
26-30	Sfz
31-35	Pizzicato
36-40	Bartok Snap
41-45	Col Legno
46-50	Trills
51-55	Harmonics
56-60	Tremolo
61-65	Measured Tremolo
66-70	Marcato
71-75	Marcato + Spiccato Overlay
76-80	Legato Off
81-85	Legato On
86-90	Con Sordino On
91-95	Con Sordino Off

Note:

- The presets support all three types of Legato: Classic, Standard, Advanced and Marcato.
- Attack Compensation values are already set for all legato articulations to compensate for the corresponding delay times, based on the values described in the CSS documentation. You may also want to add Attack Compensation to the short articulations to place them precisely on the beat. Make sure to use KSEM version 5.1 or later, as version 5.0 only allowed a maximum Attack Compensation of 250 ms.
- If you don't use your keyboard's hold pedal, you can instead assign the Repetition Slider to CC64, for example. This lets you control whether repeated notes trigger Legato Rebow.