

Medeli SP4200 MIDI Controllers

Anders Borg, 2023-11-08, revision 9

This listing shows what CCs and other controllers etc are supported by the instrument, that can be used to control different aspects of the sound. It was not the least used to determine what MIDIPads could affect in the instrument.

Controller	Sent	MIDIPads	Description
0			Bank select high
1			Modulation
4			Foot controller
5			Portamento time
6			Data entry high
7			Volume
10			Pan
11			Expression controller (relative volume)
20			Channel to rhythm allocation
32			Bank select low
38			Data entry low
64			Damper pedal
65			Portamento
66			Sostenuto pedal
67			Soft pedal
71			Timbre
72			Release time
73			Attack time
74			Brightness
75			Decay time
76			Vibrato rate
77			Vibrato depth
78			Vibrato delay
80			Reverb type
81			Chorus type
91			Reverb send level
93			Chorus send level
98			NRPN low
99			NRPN high
100			RPN low
101			RPN high
120			All sound off
121			Reset all controllers
122			Local control
123			All notes off, sent when a drum kit is selected
126			Mono on
127			Poly on
Program Change			
Pitch Bend			Only MSB varies
Aftertouch			
RPN: Pitch Sensitivity			
RPN: Coarse Tuning			
Start			
Stop			

Verified effect
Sent at Voice change
Not evaluated

When selecting a Voice a number of CCs, volume etc are sent to adjust as well as reset all core controls.

Start and Stop are sent when starting and stopping accompaniment.

The above also applies when playing a saved song with accompaniment included.

Volume is set for each played MIDI file.

Selecting chorus type via MIDI sets the chorus level to 0.