

This chart shows how our SPD-SX drum pad at Cherry Hills Community Church was programmed to fire our Ableton Live (Live) tracks. Each kit/preset on the SPD-SX came with 9 programmable buttons that we assigned to midi functions. The following columns mean:

- The “Kit” column describes which kit/preset is programmed to fire all the assigned song’s functions.
- The “Label” column describes which song/group all the 9 buttons fall within.
- The “Button Number” is buttons 1-9 per kit.
- The “Button Function” is what those corresponding buttons do per kit.
- The “Midi Number” is the midi number (1-128)
- The “Midi Note” is which note the midi number corresponds with.

There are some blank spaces in the “button function” column. These were originally designed to be able to play/loop certain sections of a song, and are programmed that way in the “midi template.” If needed, these can be repurposed for other functions within Live.

If you are using midi to control multitrack playback (or anything else for that matter), it is highly likely that you already know this. However, just in case you don’t, all of these midi notes can be utilized for any other piece of hardware that is able to fire midi. For one of our Christmas services, we used both an SPD-SX and a Stream Deck to fire Live. I just needed to input the midi number/midi note into the Stream Deck software. This made the Stream Deck be able to fire Live (which for our Christmas services controlled multitracks, graphics/lyrics, lighting, and even scenes for the monitor console for every song/change).

Ableton Midi For Roland SPD-SX

Kit	Label	Button Number	Button Function	Midi Number	Midi Note
31	Song 1	1	Play	1	10/C#-2
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#-2
		4		4	10/E-2
		5		5	10/F-2
		6		6	10/F#-2
		7		7	10/G-2
		8		8	10/G#-2
		9	Fade	9	10/A-2
32	Song 2	1	Play	10	10/A#-2
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#-2
		4		11	10/B-2
		5		12	10/C-1
		6		13	10/C#-1
		7		14	10/D-1
		8		15	10/D#-1

Kit	Label	Button Number	Button Function	Midi Number	Midi Note
		9	Fade	9	10/A-2
33	Song 3	1	Play	16	10/E-1
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#-2
		4		17	10/F-1
		5		18	10/F#-1
		6		19	10/G-1
		7		20	10/G#-1
		8		21	10/A-1
		9	Fade	9	10/A-2
34	Song 4	1	Play	22	10/A#-1
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		23	10/B-1
		5		24	10/C0
		6		25	10/C#0
		7		26	10/D0
		8		27	10/D#0
		9	Fade	9	10/A-2
35	Song 5	1	Play	28	10/E0
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		29	10/F0
		5		30	10/F#0
		6		31	10/G0
		7		32	10/G#0
		8		33	10/A0
		9	Fade	9	10/A-2
36	Song 6	1	Play	34	10/A#0
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		35	10/B0
		5		36	10/C1
		6		37	10/C#1

Kit	Label	Button Number	Button Function	Midi Number	Midi Note
		7		38	10/D1
		8		39	10/D#1
		9	Fade	9	10/A-2
37	Song 7	1	Play	40	10/E1
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		41	10/F1
		5		42	10/F#1
		6		43	10/G1
		7		44	10/G#1
		8		45	10/A1
		9	Fade	9	10/A-2
38	Song 8	1	Play	46	10/A#1
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		47	10/B1
		5		48	10/C2
		6		49	10/C#2
		7		50	10/D2
		8		51	10/D#2
		9	Fade	9	10/A-2
39	Song 9	1	Play	52	10/E2
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		53	10/F2
		5		54	10/F#2
		6		55	10/G2
		7		56	10/G#2
		8		57	10/A2
		9	Fade	9	10/A-2
40	Song 10	1	Play	58	10/A#2
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		59	10/B2

Kit	Label	Button Number	Button Function	Midi Number	Midi Note
		5		60	10/C3
		6		61	10/C#3
		7		62	10/D3
		8		63	10/D#3
		9	Fade	9	10/A-2
41	Song 11	1	Play	64	10/E3
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		65	10/F3
		5		66	10/F#3
		6		67	10/G3
		7		68	10/G#3
		8		69	10/A3
		9	Fade	9	10/A-2
42	Song 12	1	Play	70	10/A#3
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		71	10/B3
		5		72	10/C4
		6		73	10/C#4
		7		74	10/D4
		8		75	10/D#4
		9	Fade	9	10/A-2
43	Song 13	1	Play	76	10/E4
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		77	10/F4
		5		78	10/F#4
		6		79	10/G4
		7		80	10/G#4
		8		81	10/A4
		9	Fade	9	10/A-2
44	Song 14	1	Play	82	10/A#4
		2	Stop	2	10/D-2

Kit	Label	Button Number	Button Function	Midi Number	Midi Note
		3	Toggle Metronome	3	10/D#2
		4		83	10/B4
		5		84	10/C5
		6		85	10/C#5
		7		86	10/D5
		8		87	10/D#5
		9	Fade	9	10/A-2
45	Song 15	1	Play	88	10/E5
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		89	10/F5
		5		90	10/F#5
		6		91	10/G5
		7		92	10/G#5
		8		93	10/A5
		9	Fade	9	10/A-2
46	Song 16	1	Play	94	10/A#5
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		95	10/B5
		5		96	10/C6
		6		97	10/C#6
		7		98	10/D6
		8		99	10/D#6
		9	Fade	9	10/A-2
47	Song 17	1	Play	100	10/E6
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		101	10/F6
		5		102	10/F#6
		6		103	10/G6
		7		104	10/G#6
		8		105	10/A6
		9	Fade	9	10/A-2

Kit	Label	Button Number	Button Function	Midi Number	Midi Note
48	Song 18	1	Play	106	10/A#6
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		107	10/B6
		5		108	10/C7
		6		109	10/C#7
		7		110	10/D7
		8		111	10/D#7
		9	Fade	9	10/A-2
49	Song 19	1	Play	112	10/E7
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		113	10/F7
		5		114	10/F#7
		6		115	10/G7
		7		116	10/G#7
		8		117	10/A7
		9	Fade	9	10/A-2
50	Song 20	1	Play	118	10/A#7
		2	Stop	2	10/D-2
		3	Toggle Metronome	3	10/D#2
		4		119	10/B7
		5		120	10/C8
		6		121	10/C#8
		7		122	10/D8
		8		123	10/D#8
		9	Fade	9	10/A-2