DDJ-SX2

List of MIDI messages ver. 1.00

【MIDI channel assignment】

MIDI channel is defined as shown below.

0x9* :Note

0xB* :Control Change（CC）

Channel Category	MIDI channel	channel No. (hex)
DECK1, MIXER CH1	1	n=0
DECK2, MIXER CH2	2	n=1
DECK3, MIXER CH3	3	n=2
DECK4, MIXER CH4	4	n=3
FX1	5	m=4
FX2	6	m=5
BROWSER, GLOBAL SECTION	7	m=6
PERFORMANCE PAD (DECK1)	8	p=7
PERFORMANCE PAD (DECK2)	9	p=8
PERFORMANCE PAD (DECK3)	10	p=9
PERFORMANCE PAD (DECK4)	11	p=A
MIDI-OUT	12	m=B

[1] As a reference for MIDI assign, MIDI message sent from buttons and knobs of this controller are listed in decimal numbers and English scale. Please utilize this reference depending on the notation of your MIDI compatible software.

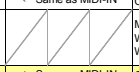
NOTE is a term used for MIDI to express that a key of a keyboard or a piano is pressed or your finger is released from it.
CC is an abbreviation of "Control Change". Control Change is a kind of MIDI message used to communicate many kinds of control information such as sound quality and volume level.
English scale uses alphabetical letters of C, D, E, F, G, A and B as well as # to indicate halftone.

Group	Fig.	User Interface				MIDI assign reference [1]				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	MIDI Data (Data1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
1, DECK	1[L,R]	PLAY/PAUSE		press		1/2/3/4	NOTE	11	B-1	9n	0B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	71	B4	9n	47	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	2[L,R]	CUE		press		1/2/3/4	NOTE	12	C0	9n	0C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	72	C5	9n	48	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	3[L,R]	Jog dial (Platter)		rotate	*Vinyl On*	1/2/3/4	CC	34	–	Bn	22	hh				Difference count value from when previous operated When turned clockwise: Increases from 65(0x41) When turned counterclockwise: Decreases from 63(0x3F)
					Vinyl Off	1/2/3/4	CC	35	–	Bn	23	hh				
			+SHIFT			1/2/3/4	CC	31	–	Bn	1F	hh				
				touch	*Vinyl On*	1/2/3/4	NOTE	54	F#3	9n	36	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	103	G7	9n	67	hh				OFF=0(0x00), ON=127(0x7F)
		Jog dial (Wheel side)		rotate		1/2/3/4	CC	33	–	Bn	21	hh				Difference count value from when previous operated When turned clockwise: Increases from 65(0x41) When turned counterclockwise: Decreases from 63(0x3F)
			+SHIFT			1/2/3/4	CC	38	–	Bn	26	hh				
	4[L,R]	TEMPO		slide		1/2/3/4	CC	0 32	–	Bn	00 20	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) " – " side : 0 " + " side : 16383
			+SHIFT			1/2/3/4	CC	5 37	–	Bn	05 25	MSB LSB				
	5[L,R]	KEYLOCK		press		1/2/3/4	NOTE	26	D1	9n	1A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	96	C7	9n	60	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
				long press		1/2/3/4	NOTE	28	E1	9n	1C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	6[L,R]	NEEDLE SEARCH		touch		1/2/3/4	CC	3	–	Bn	03	hh				Min 0(0x00)~Max 127(0x7F) left edge: 0, right edge: 127
							NOTE	67	G4	9n	43	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	CC	40	–	Bn	28	hh				Min 0(0x00)~Max 127(0x7F) left edge: 0, right edge: 127
							NOTE	68	G#4	9n	44	hh				OFF=0(0x00), ON=127(0x7F)
	7[L]	DECK 1		press		1	NOTE	114	F#8	90	72	hh				LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1	NOTE	115	G8	90	73	hh				
	8[R]	DECK 2		press		2	NOTE	114	F#8	91	72	hh				LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			2	NOTE	115	G8	91	73	hh				
	9[L]	DECK 3		press		3	NOTE	114	F#8	92	72	hh				LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			3	NOTE	115	G8	92	73	hh				
	10[R]	DECK 4		press		4	NOTE	114	F#8	93	72	hh				LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			4	NOTE	115	G8	93	73	hh				

Group	Fig.	User Interface				MIDI assign reference [1]				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	MIDI Data (Data1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	11[L,R]	SYNC		press		1/2/3/4	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	92	G#6	9n	5C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	12[L,R]	AUTO LOOP		press		1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	80	G#5	9n	50	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	13[L,R]	LOOP 1/2X		press		1/2/3/4	NOTE	18	F#0	9n	12	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	97	C#7	9n	61	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	14[L,R]	LOOP 2X		press		1/2/3/4	NOTE	19	G0	9n	13	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	98	D7	9n	62	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	15[L,R]	LOOP IN		press		1/2/3/4	NOTE	16	E0	9n	10	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	76	E5	9n	4C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
				long press		1/2/3/4	NOTE	69	A4	9n	45	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	16[L,R]	LOOP OUT		press		1/2/3/4	NOTE	17	F0	9n	11	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	77	F5	9n	4D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	17[L,R]	CENSOR (REVERSE)		press		1/2/3/4	NOTE	21	A0	9n	15	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	56	G#3	9n	38	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	18[L,R]	SLIP		press		1/2/3/4	NOTE	64	E4	9n	40	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	23	B0	9n	17	hh	9n	0D	hh	OFF=0(0x00), ON=127(0x7F)
	19[L,R]	GRID ADJUST		press		1/2/3/4	NOTE	121	C#9	9n	79	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	100	E7	9n	64	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	20[L,R]	GRID SLIDE		press		1/2/3/4	NOTE	10	A#-1	9n	0A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	101	F7	9n	65	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	21[L,R]	SHIFT		press		1/2/3/4	NOTE	63	D#4	9n	3F	hh				
	22[L]	PANEL SELECT		press		7	NOTE	120	C9	96	78	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	121	C#9	96	79	hh				OFF=0(0x00), ON=127(0x7F)
	23[L,R]	TAKEOVER -				1/2/3/4	NOTE	55	G3				9n	37	hh	OFF=0(0x00), ON=127(0x7F)
	24[L,R]	TAKEOVER +				1/2/3/4	NOTE	52	E3				9n	34	hh	OFF=0(0x00), ON=127(0x7F)
	25[L,R]	FLIP SLOT		press		1/2/3/4	NOTE	73	C#5	9n	49	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	89	F6	9n	59	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	26[L,R]	FLIP REC		press		1/2/3/4	NOTE	74	D5	9n	4A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	90	F#6	9n	5A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	27[L,R]	FLIP START		press		1/2/3/4	NOTE	75	D#5	9n	4B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	91	G6	9n	5B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
2, EFFECT	1[L]	FX1-1		rotate		5	CC	2 34	–	B4	02 22	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
			+SHIFT			5	CC	18 50	–	B4	12 32	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	1[R]	FX2-1		rotate		6	CC	2 34	–	B5	02 22	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
			+SHIFT			6	CC	18 50	–	B5	12 32	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	2[L]	FX1-2		rotate		5	CC	4 36	–	B4	04 24	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
			+SHIFT			5	CC	20 52	–	B4	14 34	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	2[R]	FX2-2		rotate		6	CC	4 36	–	B5	04 24	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
			+SHIFT			6	CC	20 52	–	B5	14 34	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	3[L]	FX1-3		rotate		5	CC	6 38	–	B4	06 26	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
			+SHIFT			5	CC	22 54	–	B4	16 36	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	3[R]	FX2-3		rotate		6	CC	6 38	–	B5	06 26	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
			+SHIFT			6	CC	22 54	–	B5	16 36	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	4[L]	FX1 BEAT		rotate		5	CC	0	–	B4	00	hh				Difference count value from when previous operated Turn clockwise: 1~30(0x01~0x1E) Turn counterclockwise: 127~98(0x7F~0x62)
			+SHIFT			5	CC	16	–	B4	10	hh				
				press		5	NOTE	67	G4	94	43	hh				OFF=0x00, ON=0x7F
			+SHIFT			5	NOTE	64	E4	94	40	hh				OFF=0x00, ON=0x7F
	4[R]	FX2 BEAT		rotate		6	CC	0	–	B5	00	hh				Difference count value from when previous operated Turn clockwise: 1~30(0x01~0x1E) Turn counterclockwise: 127~98(0x7F~0x62)
			+SHIFT			6	CC	16	–	B5	10	hh				
				press		6	NOTE	67	G4	95	43	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			6	NOTE	64	E4	95	40	hh				OFF=0(0x00), ON=127(0x7F)
	5[L]	FX1-1 ON		press		5	NOTE	71	B4	94	47	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	NOTE	99	D#7	94	63	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	5[R]	FX2-1 ON		press		6	NOTE	71	B4	95	47	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			6	NOTE	99	D#7	95	63	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	6[L]	FX1-2 ON		press		5	NOTE	72	C5	94	48	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	NOTE	100	E7	94	64	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	6[R]	FX2-2 ON		press		6	NOTE	72	C5	95	48	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			6	NOTE	100	E7	95	64	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	7[L]	FX1-3 ON		press		5	NOTE	73	C#5	94	49	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	NOTE	101	F7	94	65	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	7[R]	FX2-3 ON		press		6	NOTE	73	C#5	95	49	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			6	NOTE	101	F7	95	65	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	8[L]	FX1 TAP		press		5	NOTE	74	D5	94	4A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	NOTE	102	F#7	94	66	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	8[R]	FX2 TAP		press		6	NOTE	74	D5	95	4A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			6	NOTE	102	F#7	95	66	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)

Group	Fig.	User Interface				MIDI assign reference [1]				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	9	FX1 assign		press		7	NOTE	76	E5	96	4C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	112	E8	96	70	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	10			press		7	NOTE	77	F5	96	4D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	113	F8	96	71	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	11			press		7	NOTE	78	F#5	96	4E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	114	F#8	96	72	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	12			press		7	NOTE	79	G5	96	4F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	115	G8	96	73	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	13	FX2 assign		press		7	NOTE	80	G#5	96	50	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	84	C6	96	54	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	14			press		7	NOTE	81	A5	96	51	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	85	C#6	96	55	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	15			press		7	NOTE	82	A#5	96	52	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	86	D6	96	56	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	16			press		7	NOTE	83	B5	96	53	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	87	D#6	96	57	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	17	FILTER		rotate		7	CC	23 55	–	B6	17 37	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
						7	NOTE	116	G#8	96	74	hh				OFF=0(0x00), ON=127(0x7F) Send Note On if the location is other than the center. Send Note Off if the location is the center.
	18			rotate		7	CC	24 56	–	B6	18 38	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
						7	NOTE	117	A8	96	75	hh				OFF=0(0x00), ON=127(0x7F) Send Note On if the location is other than the center. Send Note Off if the location is the center.
	19			rotate		7	CC	25 57	–	B6	19 39	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
						7	NOTE	118	A#8	96	76	hh				OFF=0(0x00), ON=127(0x7F) Send Note On if the location is other than the center. Send Note Off if the location is the center.
	20			rotate		7	CC	26 58	–	B6	1A 3A	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
						7	NOTE	119	B8	96	77	hh				OFF=0(0x00), ON=127(0x7F) Send Note On if the location is other than the center. Send Note Off if the location is the center.
3, MIXER	1	Crossfader		slide		7	CC	31 63	–	B6	1F 3F	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) left edge: 0, right edge: 16383
			+SHIFT		*Edge → not Edge*	1/2/3/4	NOTE	102	F#7	9n	66	hh				PLAY message only for Crossfader start OFF=0(0x00), ON=127(0x7F)
						1/2/3/4	NOTE	81	A5	9n	51	hh				SYNC message only for Crossfader start OFF=0(0x00), ON=127(0x7F)
			+SHIFT		*Not Edge → Edge*	1/2/3/4	NOTE	82	A#5	9n	52	hh				CUE message only for Crossfader start OFF=0(0x00), ON=127(0x7F)
	2	Channel fader		slide		1/2/3/4	CC	19 51	–	Bn	13 33	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) bottom end: 0, top end: 16383
			+SHIFT		*Zero → not Zero*	1/2/3/4	NOTE	102	F#7	9n	66	hh				PLAY message only for CH fader start OFF=0(0x00), ON=127(0x7F)
						1/2/3/4	NOTE	81	A5	9n	51	hh				SYNC message only for CH fader start OFF=0(0x00), ON=127(0x7F)
			+SHIFT		*Not Zero → Zero*	1/2/3/4	NOTE	82	A#5	9n	52	hh				CUE message only for CH fader start OFF=0(0x00), ON=127(0x7F)
	3	TRIM		rotate		1/2/3/4	CC	4 36	–	Bn	04 24	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	4	EQ HIGH		rotate		1/2/3/4	CC	7 39	–	Bn	07 27	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	5	EQ MID		rotate		1/2/3/4	CC	11 43	–	Bn	0B 2B	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	6	EQ LOW		rotate		1/2/3/4	CC	15 47	–	Bn	0F 2F	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	7	CUE (Headphone)		press		1/2/3/4	NOTE	84	C6	9n	54	hh	← Same as MIDI-IN			Use when INPUT Selecter is "PC" OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	104	G#7	9n	68	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	8	MASTER CUE		press		7	NOTE	99	D#7	96	63	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	98	D7	96	62	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	9	Crossfader assign		slide	*Switch to A*	1/2/3/4	NOTE	22	A#0	9n	16	7F				OFF=0(0x00), ON=127(0x7F)
						1/2/3/4	NOTE	29	F1	9n	1D	00				OFF=0(0x00), ON=127(0x7F)
					Switch to THRU	1/2/3/4	NOTE	22/24	A#0/C1	9n	16/18	00				OFF=0(0x00), ON=127(0x7F)
						1/2/3/4	NOTE	29	F1	9n	1D	7F				OFF=0(0x00), ON=127(0x7F)
					Switch to B	1/2/3/4	NOTE	24	C1	9n	18	7F				OFF=0(0x00), ON=127(0x7F)
						1/2/3/4	NOTE	29	F1	9n	1D	00				OFF=0(0x00), ON=127(0x7F)
	10	Channel Level Indicator				1/2/3/4	CC	2	–				Bn	02	hh	Use when INPUT Selecter is "PC"
	11	SAMPLER VOLUME		slide		7	CC	3 35	–	B6	03 23	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) bottom end: 0, top end: 16383
			+SHIFT			7	CC	105	–	B6	69	hh				Min 0(0x00)~Max 127(0x7F) bottom end: 0, top end: 127
4, FRONT PANEL	1	Crossfader curve		rotate		7	CC	1 33	–	B6	01 21	MSB LSB				Min 0(MSB:0x00 LSB:0x00)~Max 16383(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: 0 When turned fully clockwise: 16383
	2	INPUT SELECT		slide		1/2/3/4	NOTE	25	C#1	9n	19	hh				PC : OFF=0(0x00) MIC/CD/PHONO/LINE : ON=127(0x7F)
5, BROWSER	1	Rotary Selector		rotate		7	CC	64	–	B6	40	hh				Difference count value from when previous operated Turn clockwise: 1~30(0x01~0x1E) Turn counterclockwise: 127~98(0x7F~0x62)
			+SHIFT			7	CC	100	–	B6	64	hh				
				press		7	NOTE	65	F4	96	41	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	66	F#4	96	42	hh				OFF=0(0x00), ON=127(0x7F)

Group	Fig.	User Interface				MIDI assign reference [1]				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	2	LOAD		press		7	NOTE	70	A#4	96	46	hh	← Same as MIDI-IN			LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	88	E6	96	58	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	3			press		7	NOTE	71	B4	96	47	hh	← Same as MIDI-IN			LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	89	F6	96	59	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	4			press		7	NOTE	72	C5	96	48	hh	← Same as MIDI-IN			LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	96	C7	96	60	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	5			press		7	NOTE	73	C#5	96	49	hh	← Same as MIDI-IN			LED are lit by DDJ-SX2 or by MIDI-OUT OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	97	C#7	96	61	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	6	BACK		press		7	NOTE	101	F7	96	65	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	102	F#7	96	66	hh				OFF=0(0x00), ON=127(0x7F)
	7	LOAD PREPARE		press		7	NOTE	103	G7	96	67	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			7	NOTE	104	G#7	96	68	hh				OFF=0(0x00), ON=127(0x7F)
6, PERFOR-MANCE PADS HOT CUE ROLL SLICER SAMPLER CUE LOOP SAVED LOOP SLICER LOOP VELOCITY SAMPLER	1[L,R]	Performance pads 1		press	*in HOT CUE mode*	8/9/10/11	NOTE	0	C-1	9p	00	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	8	G#-1	9p	08	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	16	E0	9p	10	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	24	C1	9p	18	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	32	G#1	9p	20	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	40	E2	9p	28	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	48	C3	9p	30	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	56	G#3	9p	38	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	64	E4	9p	40	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	72	C5	9p	48	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	80	G#5	9p	50	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	88	E6	9p	58	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	96	C7	9p	60	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	104	G#7	9p	68	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	112	E8	9p	70	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	112	–	Bp	70	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	120	C9	9p	78	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	2[L,R]	Performance pads 2		press	*in HOT CUE mode*	8/9/10/11	NOTE	1	C#-1	9p	01	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	9	A-1	9p	09	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	17	F0	9p	11	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	25	C#1	9p	19	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	33	A1	9p	21	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	41	F2	9p	29	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	49	C#3	9p	31	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	57	A3	9p	39	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	65	F4	9p	41	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	73	C#5	9p	49	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	81	A5	9p	51	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	89	F6	9p	59	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	97	C#7	9p	61	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	105	A7	9p	69	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	113	F8	9p	71	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	113	–	Bp	71	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	121	C#9	9p	79	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	3[L,R]	Performance pads 3		press	*in HOT CUE mode*	8/9/10/11	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	18	F#0	9p	12	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	26	D1	9p	1A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	34	A#1	9p	22	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	42	F#2	9p	2A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	50	D3	9p	32	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	58	A#3	9p	3A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	66	F#4	9p	42	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	74	D5	9p	4A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	82	A#5	9p	52	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	90	F#6	9p	5A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	98	D7	9p	62	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	106	A#7	9p	6A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	114	F#8	9p	72	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	114	–	Bp	72	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	122	D9	9p	7A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	4[L,R]	Performance pads 4		press	*in HOT CUE mode*	8/9/10/11	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	19	G0	9p	13	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	27	D#1	9p	1B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	35	B1	9p	23	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	43	G2	9p	2B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	51	D#3	9p	33	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	59	B3	9p	3B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	67	G4	9p	43	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	75	D#5	9p	4B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	83	B5	9p	53	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	91	G6	9p	5B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	99	D#7	9p	63	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	107	B7	9p	6B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	115	G8	9p	73	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	115	–	Bp	73	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	123	D#9	9p	7B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)

Group	Fig.	User Interface				MIDI assign reference 1				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	5[L,R]	Performance pads 5		press	*in HOT CUE mode*	8/9/10/11	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	20	G#0	9p	14	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	28	E1	9p	1C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	36	C2	9p	24	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	52	E3	9p	34	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	60	C4	9p	3C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	68	G#4	9p	44	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	76	E5	9p	4C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	84	C6	9p	54	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	100	E7	9p	64	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	108	C8	9p	6C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	116	–	Bp	74	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	124	E9	9p	7C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	6[L,R]	Performance pads 6		press	*in HOT CUE mode*	8/9/10/11	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	21	A0	9p	15	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	29	F1	9p	1D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	69	A4	9p	45	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	101	F7	9p	65	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	117	A8	9p	75	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	117	–	Bp	75	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	7[L,R]	Performance pads 7		press	*in HOT CUE mode*	8/9/10/11	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	118	–	Bp	76	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	8[L,R]	Performance pads 8		press	*in HOT CUE mode*	8/9/10/11	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	8/9/10/11	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	8/9/10/11	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	8/9/10/11	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	8/9/10/11	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	8/9/10/11	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	95	B6	9p	5F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	8/9/10/11	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			8/9/10/11	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
						8/9/10/11	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	8/9/10/11	CC	119	–	Bp	77	hh				Min 0(0x00)~Max 127(0x7F) When not pressed : 0 When pressed fully: 127
			+SHIFT			8/9/10/11	NOTE	127	G9	9p	7F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	9[L,R]	HOT CUE mode		press		1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
				long press		1/2/3/4	NOTE	106	A#7	9n	6A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	10[L,R]	ROLL mode		press		1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	11[L,R]	SLICER mode		press		1/2/3/4	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	12[L,R]	SAMPLER mode		press		1/2/3/4	NOTE	34	A#1	9n	22	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)

Group	Fig.	User Interface				MIDI assign reference [1]				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	MIDI Data (Data1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	13[L,R]	PARAMETER (LEFT)		press	*in HOT CUE mode*	1/2/3/4	NOTE	36	C2	9n	24	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	1	C#-1	9n	01	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	1/2/3/4	NOTE	37	C#2	9n	25	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	2	D-1	9n	02	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	1/2/3/4	NOTE	38	D2	9n	26	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	3	D#-1	9n	03	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	1/2/3/4	NOTE	39	D#2	9n	27	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	4	E-1	9n	04	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	1/2/3/4	NOTE	40	E2	9n	28	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	5	F-1	9n	05	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	1/2/3/4	NOTE	41	F2	9n	29	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	6	F#-1	9n	06	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	1/2/3/4	NOTE	42	F#2	9n	2A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	7	G-1	9n	07	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	1/2/3/4	NOTE	43	G2	9n	2B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	8	G#-1	9n	08	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
	14[L,R]	PARAMETER (RIGHT)		press	*in HOT CUE mode*	1/2/3/4	NOTE	44	G#2	9n	2C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	9	A-1	9n	09	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in ROLL mode	1/2/3/4	NOTE	45	A2	9n	2D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	122	D9	9n	7A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	1/2/3/4	NOTE	46	A#2	9n	2E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	123	D#9	9n	7B	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAMPLER mode	1/2/3/4	NOTE	47	B2	9n	2F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	124	E9	9n	7C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in CUE LOOP mode	1/2/3/4	NOTE	48	C3	9n	30	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	125	F9	9n	7D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SAVED LOOP mode	1/2/3/4	NOTE	49	C#3	9n	31	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	126	F#9	9n	7E	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	1/2/3/4	NOTE	50	D3	9n	32	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	127	G9	9n	7F	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
					in VELOCITY SAMPLER mode	1/2/3/4	NOTE	51	D#3	9n	33	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	0	C-1	9n	00	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0x7F)

MIDI-OUT

Group	Communication name	Function	MIDI assign reference [1]				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
			MIDI channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	MIDI Data (Data1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
Illumination Control	Loaded (Deck 1)	Trigger for LOAD illumination	12	NOTE	0	C-1				9B	00	hh	OFF=0(0x00), ON=127(0x7F)
	Loaded (Deck 2)		12	NOTE	1	C#-1				9B	01	hh	OFF=0(0x00), ON=127(0x7F)
	Loaded (Deck 3)		12	NOTE	2	D-1				9B	02	hh	OFF=0(0x00), ON=127(0x7F)
	Loaded (Deck 4)		12	NOTE	3	D#-1				9B	03	hh	OFF=0(0x00), ON=127(0x7F)
	Play/Pause (Deck 1)	Control JOG illumination	12	NOTE	12	C0				9B	0C	hh	OFF=0(0x00), ON=127(0x7F)
	Play/Pause (Deck 2)		12	NOTE	13	C#0				9B	0D	hh	OFF=0(0x00), ON=127(0x7F)
	Play/Pause (Deck 3)		12	NOTE	14	D0				9B	0E	hh	OFF=0(0x00), ON=127(0x7F)
	Play/Pause (Deck 4)		12	NOTE	15	D#0				9B	0F	hh	OFF=0(0x00), ON=127(0x7F)
	CUE (Deck 1)		12	NOTE	16	E0				9B	10	hh	OFF=0(0x00), ON=127(0x7F)
	CUE (Deck 2)		12	NOTE	17	F0				9B	11	hh	OFF=0(0x00), ON=127(0x7F)
	CUE (Deck 3)		12	NOTE	18	F#0				9B	12	hh	OFF=0(0x00), ON=127(0x7F)
	CUE (Deck 4)		12	NOTE	19	G0				9B	13	hh	OFF=0(0x00), ON=127(0x7F)
Other	DJ App. Connect		12	NOTE	9	A-1				9B	09	hh	connected = 0x00~0x7F (any value)