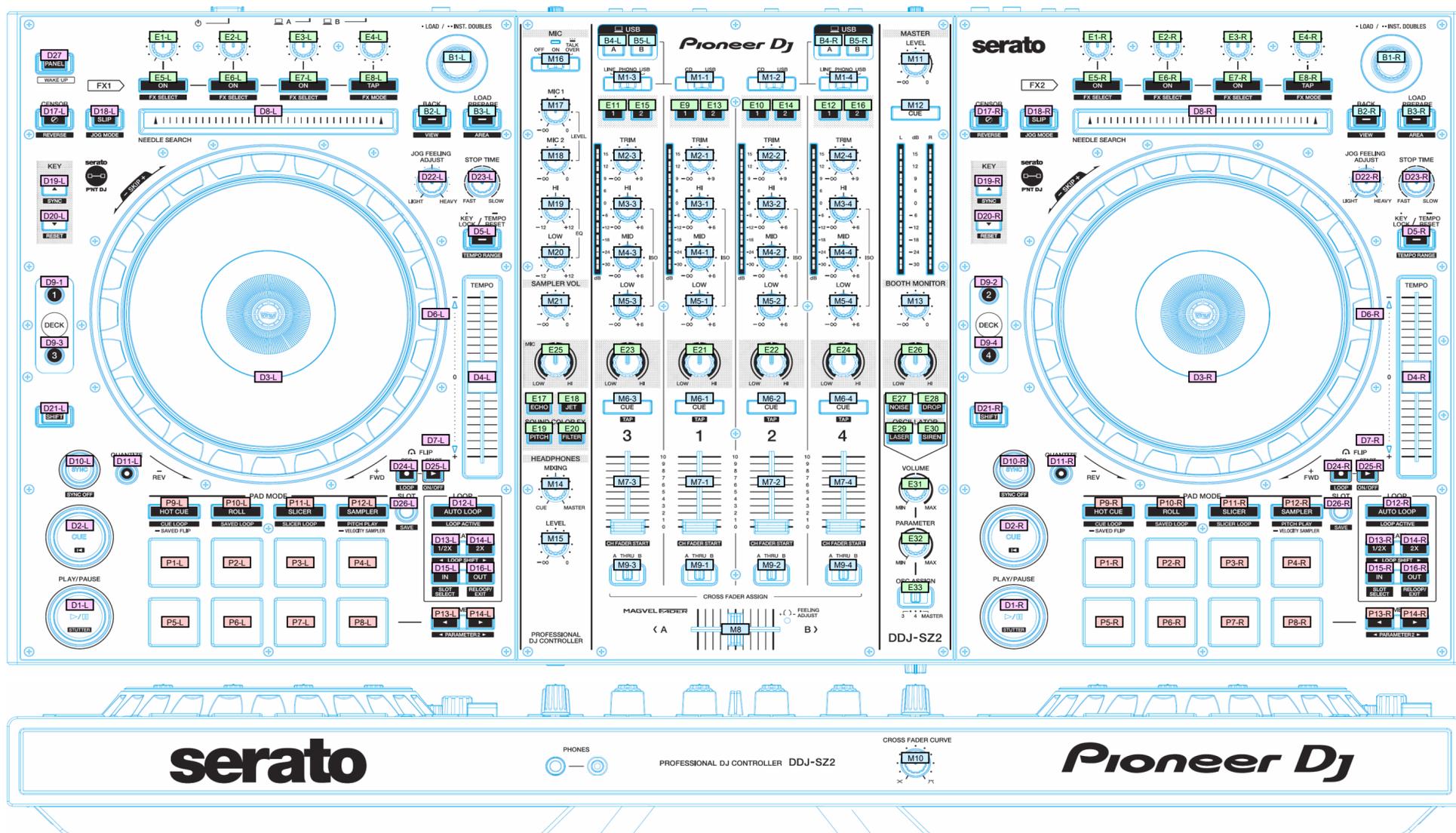


# DDJ-SZ2

List of MIDI messages version 1.00



[ MIDI channel assignment ]

MIDI channel is defined as shown below.

0x9\*: Note

0xB\*: Control Change (CC)

\*: value of channel No. (n/m/p)

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	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	B

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 halfnote.

Group	Fig.	User interface			MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)		
		UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)		Data 2 (Hex)	
BROWSER	B1-L B1-R	BROWSE	rotate			7	CC	64	-	B6	40	hh	/	/	/	Difference count value from when previous operated. When turned clockwise: 1 ~ 30 (0x01 ~ 0x1E) When turned counterclockwise: 127 ~ 98 (0x7F ~ 0x62) OFF = 0 (0x00), ON = 127 (0x7F)	
				+SHIFT		7	CC	100	-	B6	64	hh	/	/	/		
			press		deck 1 selected on left deck	7	NOTE	70	A#4	96	69	hh	/	/	/		/
					deck 2 selected on right deck	7	NOTE	71	B4	96	47	hh	/	/	/		/
					deck 3 selected on left deck	7	NOTE	109	C#8	96	6D	hh	/	/	/		/
					deck 4 selected on left deck	7	NOTE	72	C5	96	48	hh	/	/	/		/
					deck 4 selected on right deck	7	NOTE	110	D8	96	6E	hh	/	/	/		/
					deck 4 selected on right deck	7	NOTE	73	C#5	96	49	hh	/	/	/		/
	B2-L B2-R	BACK	press			7	NOTE	101	F7	96	65	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)	
	B3-L B3-R	LOAD	press			7	NOTE	102	F#7	96	66	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)	
	B4-L B4-R	PREPARE	press	+SHIFT		7	NOTE	103	G7	96	67	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)	
	B5-L B5-R	USB A	press			5/6	NOTE	105	A7	9m	69	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)	
B5-L B5-R	USB B	press	+SHIFT		5/6	NOTE	103	G7	9m	67	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)		
DECK	D1-L D1-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)			
	D2-L D2-R	CUE	press			1/2/3/4	NOTE	12	C0	9n	0C	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)			
			press	+SHIFT		1/2/3/4	NOTE	72	C5	9n	48	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)			
			touch			1/2/3/4	NOTE	54	F#3	9n	36	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)	
	D3-L (DI ATTEN)	JOG	touch	+SHIFT	Vinyl On	1/2/3/4	CC	34	-	Bn	22	hh	/	/	/	OFF = 0 (0x00), ON = 127 (0x7F)	

D3-L	(FLATEN)	rotate		Vinyl Off	1/2/3/4	CC	35	-	Bn	23	hh				Difference count value from when previous operated.	
		+SHIFT			1/2/3/4	CC	31	-	Bn	1F	hh				When turned clockwise: Increases from 0x41	
	JOG (WHEEL SIDE)	rotate			1/2/3/4	CC	33	-	Bn	21	hh				When turned counterclockwise: Decreases from 0x3F	
		+SHIFT			1/2/3/4	CC	38	-	Bn	26	hh					
D4-L	TEMPO	slide			1/2/3/4	CC	0	-	Bn	00	MSB				Min(MSB:0x00 LSB:0x00) ~ Max(MSB:0x7F LSB:0x7F)	
D4-R			+SHIFT		1/2/3/4	CC	5	-	Bn	05	MSB				"-" side : Min(MSB:0x00 LSB:0x00) "+" side : Max(MSB:0x7F LSB:0x7F)	
D5-L	KEY LOCK	press			1/2/3/4	NOTE	26	D1	9n	1A	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D5-R			+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)	
D6-L	TAKEOVER -				1/2/3/4	NOTE	52	E3				9n	34	hh	OFF = 0 (0x00), ON = 127 (0x7F)	
D6-R																
D7-L	TAKEOVER +				1/2/3/4	NOTE	55	G3				9n	37	hh	OFF = 0 (0x00), ON = 127 (0x7F)	
D7-R																
D8-L	NEEDLE SEARCH	touch			1/2/3/4	CC	3	-	Bn	03	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
D8-R			+SHIFT		1/2/3/4	NOTE	67	G4	9n	43	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
					1/2/3/4	CC	40	-	Bn	28	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
					1/2/3/4	NOTE	68	G#4	9n	44	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
D9-1	DECK 1/2/3/4	press			1/2/3/4	NOTE	114	F#8	9n	72	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D9-2			+SHIFT		1/2/3/4	NOTE	115	G8	9n	73	hh			← Same as MIDI-IN	LED are lit by itself without MIDI	
D9-3																
D9-4																
D10-L	SYNC	press			1/2/3/4	NOTE	88	E6	9n	58	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D10-R			+SHIFT		1/2/3/4	NOTE	92	G#6	9n	5C	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D11-L	QUANTIZE	press			1/2/3/4	NOTE	53	F3	9n	35	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D11-R			+SHIFT		1/2/3/4	NOTE	57	A3	9n	39	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D12-L	AUTO LOOP	press			1/2/3/4	NOTE	20	G#0	9n	14	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D12-R			+SHIFT		1/2/3/4	NOTE	80	G#5	9n	50	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D13-L	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)	
D13-R			+SHIFT		1/2/3/4	NOTE	97	C#7	9n	61	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D14-L	LOOP 2X	press			1/2/3/4	NOTE	19	G0	9n	13	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D14-R			+SHIFT		1/2/3/4	NOTE	98	D7	9n	62	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D15-L	LOOP IN	press			1/2/3/4	NOTE	16	E0	9n	10	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D15-R			+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)	
D16-L	LOOP OUT	press			1/2/3/4	NOTE	17	F0	9n	11	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D16-R			+SHIFT		1/2/3/4	NOTE	77	F5	9n	4D	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D17-L	CENSER	press			1/2/3/4	NOTE	21	A0	9n	15	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D17-R			+SHIFT		1/2/3/4	NOTE	56	G#3	9n	38	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D18-L	SLIP	press			1/2/3/4	NOTE	64	E4	9n	40	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D18-R			+SHIFT		1/2/3/4	NOTE	23	B0	9n	17	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D19-L	KEY UP	press			1/2/3/4	NOTE	121	C#9	9n	79	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D19-R			+SHIFT		1/2/3/4	NOTE	100	E7	9n	64	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D20-L	KEY DOWN	press			1/2/3/4	NOTE	10	A#1	9n	0A	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D20-R			+SHIFT		1/2/3/4	NOTE	101	F7	9n	65	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D21-L	SHIFT	press			1/2/3/4	NOTE	63	D#4	9n	3F	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
D21-R																
D22-L	JOG FEELING ADJUST	rotate			-	-	-	-	-	-	-	-	-	-	without MIDI-control	
D22-R																
D23-L	STOP TIME	rotate			1/2/3/4	CC	8	-	Bn	08	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
D23-R					1/2/3/4	CC	40	-	Bn	28	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max	
D24-L	REC	press			1/2/3/4	NOTE	74	D5	9n	4A	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D24-R			+SHIFT		1/2/3/4	NOTE	90	F#6	9n	5A	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D25-L	START	press			1/2/3/4	NOTE	75	D#5	9n	4B	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D25-R			+SHIFT		1/2/3/4	NOTE	91	G6	9n	5B	hh			← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
D26-L	SLOT	press			1/2/3/4	NOTE	73	C#5	9n	49	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
D26-R			+SHIFT		1/2/3/4	NOTE	89	F6	9n	59	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
D27	PANEL	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)	
M1-1	INPUT SELECT	slide	Switch to each one	1/2	NOTE	25	C#1	9n	19	hh				LINE=0x7F, USB=0x00		
M1-2			Switch to USB	3/4	NOTE	85	C#6	9n	55	7F				OFF = 0 (0x00), ON = 127 (0x7F)		
M1-3			Switch to PHONO	3/4	NOTE	86/87	D6/D#6	9n	56/57	00				OFF = 0 (0x00), ON = 127 (0x7F)		
M1-4			Switch to LINE	3/4	NOTE	85/87	C#6/D#6	9n	55/57	00				OFF = 0 (0x00), ON = 127 (0x7F)		
			Switch to LINE	3/4	NOTE	87	D#6	9n	57	7F				OFF = 0 (0x00), ON = 127 (0x7F)		
M2-1	TRIM	rotate			1/2/3/4	CC	4	-	Bn	04	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
M2-2					1/2/3/4	CC	36	-	Bn	24	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max	
M2-3																
M2-4																
M3-1	EQ HIGH	rotate			1/2/3/4	CC	7	-	Bn	07	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
M3-2					1/2/3/4	CC	39	-	Bn	27	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max	
M3-3																
M4-1	EQ MID	rotate			1/2/3/4	CC	11	-	Bn	0B	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
M4-2					1/2/3/4	CC	43	-	Bn	2B	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max	
M4-3																
M4-4																
M5-1	EQ LOW	rotate			1/2/3/4	CC	15	-	Bn	0F	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
M5-2					1/2/3/4	CC	47	-	Bn	2F	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max	
M5-3																
M5-4																
M6-1	CUE (HEADPHONE)	press			1/2/3/4	NOTE	84	C6	9n	54	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
M6-2			+SHIFT		1/2/3/4	NOTE	104	G#7	9n	68	hh				OFF = 0 (0x00), ON = 127 (0x7F)	
M6-3	CH FADER	slide			1/2/3/4	CC	19	-	Bn	13	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
M6-4					1/2/3/4	CC	51	-	Bn	33	LSB				Min at bottom end, Max at top end	
M7-1					7	CC	31	-	B6	1F	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
M7-2	CROSS FADER / CH FADER (FADER START)	slide			1/2/3/4	CC	63	-	B6	3F	LSB				Min at left side, Max at right side	
M7-3			+SHIFT	Zero → not Zero	1/2/3/4	NOTE	102	F#7	9n	66	hh				PLAY message only for Cross fader start and CH fader start	
M7-4				not Zero → Zero	1/2/3/4	NOTE	82	A#5	9n	52	hh				OFF=0x00, ON=0x7F	
M8																
M9-1	CRF ASSIGN	slide	Switch to A	1/2/3/4	NOTE	22	A#0	9n	16	7F					OFF = 0 (0x00), ON = 127 (0x7F)	
M9-2					1/2/3/4	NOTE	29/24	F1/C1	9n	1D/18	00				OFF = 0 (0x00), ON = 127 (0x7F)	
M9-3					1/2/3/4	NOTE	29	F1	9n	1D	7F				OFF = 0 (0x00), ON = 127 (0x7F)	
M9-4					1/2/3/4	NOTE	22/24	A#0/C1	9n	16/18	00				OFF = 0 (0x00), ON = 127 (0x7F)	

M9-4			Switch to B	1/2/3/4	NOTE	24	C1	9n	18	7F				OFF = 0 (0x00), ON = 127 (0x7F)
M10	CROSS FADER CURVE	rotate		1/2/3/4	NOTE	22/29	A#0/F1	9n	16/1D	00				OFF = 0 (0x00), ON = 127 (0x7F)
M11	MASTER LEVEL	rotate		7	CC	1	-	B6	01	MSB				OFF = 0 (0x00), ON = 127 (0x7F)
M12	MASTER CUE	press	+SHIFT	7	NOTE	99	D#7	96	63	hh				OFF = 0 (0x00), ON = 127 (0x7F)
M13	BOOTH LEVEL	rotate		7	NOTE	98	D7	96	62	hh				OFF = 0 (0x00), ON = 127 (0x7F)
M14	HEADPHONES MIXING	rotate		1/2/3/4	CC	9	-	Bn	09	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
M15	HEADPHONES LEVEL	rotate		1/2/3/4	CC	41	-	Bn	29	LSB				When turned fully counterclockwise: Min
M16	MIC ON / OFF / TALKOVER	slide		7	NOTE	106	A#7	96	6A	7F				When turned fully clockwise: Max
M17	MIC1 LEVEL	rotate		7	NOTE	107/108	B7/C8	96	6B/6C	00				OFF = 0 (0x00), ON = 127 (0x7F)
M18	MIC2 LEVEL	rotate		7	NOTE	107	B7	96	6B	7F				OFF = 0 (0x00), ON = 127 (0x7F)
M19	MIC EQ HIGH	rotate		7	NOTE	106/108	A#7/C8	96	6A/6C	00				OFF = 0 (0x00), ON = 127 (0x7F)
M20	MIC EQ LOW	rotate		7	NOTE	108	C8	96	6C	7F				OFF = 0 (0x00), ON = 127 (0x7F)
M21	SAMPLER VOLUME	rotate		7	NOTE	106/107	A#7/B7	96	6A/6B	00				OFF = 0 (0x00), ON = 127 (0x7F)
M21	SAMPLER VOLUME	rotate	+SHIFT	7	CC	3	-	B6	03	MSB				without MIDI-control
M21	SAMPLER VOLUME	rotate	+SHIFT	7	CC	35	-	B6	23	LSB				without MIDI-control
E1-L	FX1-1	rotate		7	CC	7	-	B6	07	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E1-R	FX2-1	rotate	+SHIFT	7	CC	39	-	B6	27	LSB				When turned fully counterclockwise: Min
E2-L	FX1-2	rotate		7	CC	15	-	B6	0F	MSB				When turned fully clockwise: Max
E2-R	FX2-2	rotate	+SHIFT	7	CC	47	-	B6	2F	LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E3-L	FX1-3	rotate		7	CC	3	-	B6	03	MSB				When turned fully counterclockwise: Min
E3-R	FX2-3	rotate	+SHIFT	7	CC	35	-	B6	23	LSB				When turned fully clockwise: Max
E4-L	FX1/FX2 BEATS	press	+SHIFT	5/6	NOTE	67	G4	9m	43	hh				0x00~0x7F
E4-R	FX1/FX2 BEATS	rotate	+SHIFT	5/6	NOTE	64	E4	9m	40	hh				When turned fully counterclockwise: 0x00
E5-L	FX1-1 ON	press	+SHIFT	5/6	CC	16	-	Bm	10	hh				When turned fully clockwise: 0x7F
E5-R	FX2-1 ON	press	+SHIFT	5/6	NOTE	71	B4	9m	47	hh				← Same as MIDI-IN
E6-L	FX1-2 ON	press	+SHIFT	5/6	NOTE	99	D#7	9m	63	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E6-R	FX2-2 ON	press	+SHIFT	5/6	NOTE	72	C5	9m	48	hh				← Same as MIDI-IN
E7-L	FX1-3 ON	press	+SHIFT	5/6	NOTE	100	E7	9m	64	hh				← Same as MIDI-IN
E7-R	FX2-3 ON	press	+SHIFT	5/6	NOTE	73	C#5	9m	49	hh				← Same as MIDI-IN
E8-L	FX1/FX2 TAP	press	+SHIFT	5/6	NOTE	101	F7	9m	65	hh				← Same as MIDI-IN
E9	FX1 ASSIGN	press	+SHIFT	5/6	NOTE	74	D5	9m	4A	hh				← Same as MIDI-IN
E10	FX1 ASSIGN	press	+SHIFT	5/6	NOTE	102	F#7	9m	66	hh				← Same as MIDI-IN
E11	FX1 ASSIGN	press	+SHIFT	7	NOTE	76	E5	96	4C	hh				← Same as MIDI-IN
E12	FX1 ASSIGN	press	+SHIFT	7	NOTE	112	E8	96	70	hh				← Same as MIDI-IN
E13	FX2 ASSIGN	press	+SHIFT	7	NOTE	77	F5	96	4D	hh				← Same as MIDI-IN
E14	FX2 ASSIGN	press	+SHIFT	7	NOTE	113	F8	96	71	hh				← Same as MIDI-IN
E15	FX2 ASSIGN	press	+SHIFT	7	NOTE	78	F#5	96	4E	hh				← Same as MIDI-IN
E16	FX2 ASSIGN	press	+SHIFT	7	NOTE	114	F#8	96	72	hh				← Same as MIDI-IN
E17	COLOR FX ECHO	press	+SHIFT	7	NOTE	79	G5	96	4F	hh				← Same as MIDI-IN
E18	COLOR FX JET	press	+SHIFT	7	NOTE	115	G8	96	73	hh				← Same as MIDI-IN
E19	COLOR FX PITCH	press	+SHIFT	7	NOTE	80	G#5	96	50	hh				← Same as MIDI-IN
E20	COLOR FX FILTER	press	+SHIFT	7	NOTE	84	C6	96	54	hh				← Same as MIDI-IN
E21	COLOR FX PARAMETER CH1	rotate		7	NOTE	81	A5	96	51	hh				← Same as MIDI-IN
E22	COLOR FX PARAMETER CH2	rotate		7	NOTE	85	C#6	96	55	hh				← Same as MIDI-IN
E23	COLOR FX PARAMETER CH3	rotate		7	NOTE	82	A#5	96	52	hh				← Same as MIDI-IN
E24	COLOR FX PARAMETER CH4	rotate		7	NOTE	86	D6	96	56	hh				← Same as MIDI-IN
E25	COLOR FX PARAMETER MIC	rotate		7	NOTE	83	B5	96	53	hh				← Same as MIDI-IN
E26	COLOR FX PARAMETER	rotate		7	NOTE	87	D#6	96	57	hh				← Same as MIDI-IN
E27	COLOR FX PARAMETER	rotate		7	NOTE	0	C-1	96	00	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E28	COLOR FX PARAMETER	rotate		7	NOTE	8	G#-1	96	08	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E29	COLOR FX PARAMETER	rotate		7	NOTE	1	C#-1	96	01	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E30	COLOR FX PARAMETER	rotate		7	NOTE	9	A-1	96	09	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E31	COLOR FX PARAMETER	rotate		7	NOTE	2	D-1	96	02	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E32	COLOR FX PARAMETER	rotate		7	NOTE	10	A#-1	96	0A	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E33	COLOR FX PARAMETER	rotate		7	NOTE	3	D#-1	96	03	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E34	COLOR FX PARAMETER	rotate		7	NOTE	11	B-1	96	0B	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E35	COLOR FX PARAMETER	rotate		7	CC	23	-	B6	17	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E36	COLOR FX PARAMETER	rotate		7	CC	55	-	B6	37	LSB				When turned fully counterclockwise: Min
E37	COLOR FX PARAMETER	rotate		7	CC	24	-	B6	18	MSB				When turned fully clockwise: Max
E38	COLOR FX PARAMETER	rotate		7	CC	56	-	B6	38	LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E39	COLOR FX PARAMETER	rotate		7	CC	25	-	B6	19	MSB				When turned fully counterclockwise: Min
E40	COLOR FX PARAMETER	rotate		7	CC	57	-	B6	39	LSB				When turned fully clockwise: Max
E41	COLOR FX PARAMETER	rotate		7	CC	26	-	B6	1A	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E42	COLOR FX PARAMETER	rotate		7	CC	58	-	B6	3A	LSB				When turned fully counterclockwise: Min
E43	COLOR FX PARAMETER	rotate		7	CC	27	-	B6	1B	MSB				When turned fully clockwise: Max
E44	COLOR FX PARAMETER	rotate		7	CC	59	-	B6	3B	LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E45	COLOR FX PARAMETER	rotate		7	CC	28	-	B6	1C	MSB				When turned fully counterclockwise: Min

E27	OSCILLATOR NOISE	press	+SHIFT	7	NOTE	4	E-1	96	04	hh				When turned fully clockwise: Max OFF = 0 (0x00), ON = 127 (0x7F)		
E28	OSCILLATOR DROP	press	+SHIFT	7	NOTE	5	F-1	96	05	hh				OFF = 0 (0x00), ON = 127 (0x7F)		
E29	OSCILLATOR LASER	press	+SHIFT	7	NOTE	6	F#-1	96	06	hh				OFF = 0 (0x00), ON = 127 (0x7F)		
E30	OSCILLATOR SIREN	press	+SHIFT	7	NOTE	7	G-1	96	07	hh				OFF = 0 (0x00), ON = 127 (0x7F)		
E31	OSCILLATOR VOLUME	rotate		7	CC	30	-	B6	1E	MSB				Min(MSB:0x00 LSB:0x00) ~ Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max		
E32	OSCILLATOR PARAMETER	rotate		7	CC	29	-	B6	1D	MSB				Min(MSB:0x00 LSB:0x00) ~ Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max		
E33	OSCILLATOR SOURCE	slide		Switch to 3	7	NOTE	90	F#6	96	5A	7F				NOTE ON	
					7	NOTE	91/92	G6/G#6	96	5B/5C	00					NOTE OFF
				Switch to 4	7	NOTE	91	G6	96	5B	7F					NOTE ON
					7	NOTE	90/92	F#6/G#6	96	5A/5C	00					NOTE OFF
				Switch to MASTER	7	NOTE	92	G#6	96	5C	7F				NOTE ON	
					7	NOTE	90/91	F#6/G6	96	5A/5B	00				NOTE OFF	
PAD	P1-L P1-R	PERFORMANCE PAD 1	press	in HOT CUE mode	8/9/10/11	NOTE	0	C-1	9p	00	hh				← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	8	G#-1	9p	08	hh					← Same as MIDI-IN
				in ROLL mode	8/9/10/11	NOTE	16	E0	9p	10	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	24	C1	9p	18	hh					← Same as MIDI-IN
				in SLICER mode	8/9/10/11	NOTE	32	G#1	9p	20	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	40	E2	9p	28	hh					← Same as MIDI-IN
				in SAMPLER mode	8/9/10/11	NOTE	48	C3	9p	30	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	56	G#3	9p	38	hh					← Same as MIDI-IN
				in CUE LOOP mode	8/9/10/11	NOTE	64	E4	9p	40	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	72	C5	9p	48	hh					← Same as MIDI-IN
				in SAVED LOOP mode	8/9/10/11	NOTE	80	G#5	9p	50	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	88	E6	9p	58	hh					← Same as MIDI-IN
				in SLICER LOOP mode	8/9/10/11	NOTE	96	C7	9p	60	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	104	G#7	9p	68	hh					← Same as MIDI-IN
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	112	E8	9p	70	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	120	C9	9p	78	hh					← Same as MIDI-IN
				8/9/10/11	CC	112	-	Bp	70	hh				Min 0 (0x00) ~ Max 127 (0x7F)		
				8/9/10/11	CC	120	-	Bp	78	hh				When not pressed: 0, When pressed fully: 127		
PAD	P2-L P2-R	PERFORMANCE PAD 2	press	in HOT CUE mode	8/9/10/11	NOTE	1	C#-1	9p	01	hh				← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	9	A-1	9p	09	hh					← Same as MIDI-IN
				in ROLL mode	8/9/10/11	NOTE	17	F0	9p	11	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	25	C#1	9p	19	hh					← Same as MIDI-IN
				in SLICER mode	8/9/10/11	NOTE	33	A1	9p	21	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	41	F2	9p	29	hh					← Same as MIDI-IN
				in SAMPLER mode	8/9/10/11	NOTE	49	C#3	9p	31	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	57	A3	9p	39	hh					← Same as MIDI-IN
				in CUE LOOP mode	8/9/10/11	NOTE	65	F4	9p	41	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	73	C#5	9p	49	hh					← Same as MIDI-IN
				in SAVED LOOP mode	8/9/10/11	NOTE	81	A5	9p	51	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	89	F6	9p	59	hh					← Same as MIDI-IN
				in SLICER LOOP mode	8/9/10/11	NOTE	97	C#7	9p	61	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	105	A7	9p	69	hh					← Same as MIDI-IN
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	113	F8	9p	71	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	121	C#9	9p	79	hh					← Same as MIDI-IN
				8/9/10/11	CC	113	-	Bp	71	hh				Min 0 (0x00) ~ Max 127 (0x7F)		
				8/9/10/11	CC	121	-	Bp	79	hh				When not pressed: 0, When pressed fully: 127		
PAD	P3-L P3-R	PERFORMANCE PAD 3	press	in HOT CUE mode	8/9/10/11	NOTE	2	D-1	9p	02	hh				← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	10	A#-1	9p	0A	hh					← Same as MIDI-IN
				in ROLL mode	8/9/10/11	NOTE	18	F#0	9p	12	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	26	D1	9p	1A	hh					← Same as MIDI-IN
				in SLICER mode	8/9/10/11	NOTE	34	A#1	9p	22	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	42	F#2	9p	2A	hh					← Same as MIDI-IN
				in SAMPLER mode	8/9/10/11	NOTE	50	D3	9p	32	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	58	A#3	9p	3A	hh					← Same as MIDI-IN
				in CUE LOOP mode	8/9/10/11	NOTE	66	F#4	9p	42	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	74	D5	9p	4A	hh					← Same as MIDI-IN
				in SAVED LOOP mode	8/9/10/11	NOTE	82	A#5	9p	52	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	90	F#6	9p	5A	hh					← Same as MIDI-IN
				in SLICER LOOP mode	8/9/10/11	NOTE	98	D7	9p	62	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	106	A#7	9p	6A	hh					← Same as MIDI-IN
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	114	F#8	9p	72	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	122	D9	9p	7A	hh					← Same as MIDI-IN
				8/9/10/11	CC	114	-	Bp	72	hh				Min 0 (0x00) ~ Max 127 (0x7F)		
				8/9/10/11	CC	122	-	Bp	7A	hh				When not pressed: 0, When pressed fully: 127		
PAD	P4-L P4-R	PERFORMANCE PAD 4	press	in HOT CUE mode	8/9/10/11	NOTE	3	D#-1	9p	03	hh				← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	11	B-1	9p	0B	hh					← Same as MIDI-IN
				in ROLL mode	8/9/10/11	NOTE	19	G0	9p	13	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	27	D#1	9p	1B	hh					← Same as MIDI-IN
				in SLICER mode	8/9/10/11	NOTE	35	B1	9p	23	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	43	G2	9p	2B	hh					← Same as MIDI-IN
				in SAMPLER mode	8/9/10/11	NOTE	51	D#3	9p	33	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	59	B3	9p	3B	hh					← Same as MIDI-IN
				in CUE LOOP mode	8/9/10/11	NOTE	67	G4	9p	43	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	75	D#5	9p	4B	hh					← Same as MIDI-IN
				in SAVED LOOP mode	8/9/10/11	NOTE	83	B5	9p	53	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	91	G6	9p	5B	hh					← Same as MIDI-IN
				in SLICER LOOP mode	8/9/10/11	NOTE	99	D#7	9p	63	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	107	B7	9p	6B	hh					← Same as MIDI-IN
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	115	G8	9p	73	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	123	D#9	9p	7B	hh					← Same as MIDI-IN
				8/9/10/11	CC	115	-	Bp	73	hh				Min 0 (0x00) ~ Max 127 (0x7F)		
				8/9/10/11	CC	123	-	Bp	7B	hh				When not pressed: 0, When pressed fully: 127		
PAD	P5-L P5-R	PERFORMANCE PAD 5	press	in HOT CUE mode	8/9/10/11	NOTE	4	E-1	9p	04	hh				← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	12	C0	9p	0C	hh					← Same as MIDI-IN
				in ROLL mode	8/9/10/11	NOTE	20	G#0	9p	14	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	28	E1	9p	1C	hh					← Same as MIDI-IN
				in SLICER mode	8/9/10/11	NOTE	36	C2	9p	24	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	44	G#2	9p	2C	hh					← Same as MIDI-IN
				in SAMPLER mode	8/9/10/11	NOTE	52	E3	9p	34	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	60	C4	9p	3C	hh					← Same as MIDI-IN
				in CUE LOOP mode	8/9/10/11	NOTE	68	G#4	9p	44	hh					← Same as MIDI-IN
				+SHIFT	8/9/10/11	NOTE	76	E5	9p	4C	hh					← Same as MIDI-IN

				in SAVED LOOP mode	8/9/10/11	NOTE	84	C6	9p	54	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-IN	
				in SLICER LOOP mode	8/9/10/11	NOTE	100	E7	9p	64	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	108	C8	9p	6C	hh	← Same as MIDI-IN	
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	124	E9	9p	7C	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	CC	116	-	Bp	74	hh		Min 0 (0x00) ~ Max 127 (0x7F)
				+SHIFT	8/9/10/11	CC	124	-	Bp	7C	hh		When not pressed: 0, When pressed fully: 127
P6-L	PERFORMANCE PAD 6			in HOT CUE mode	8/9/10/11	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	
P6-R				+SHIFT	8/9/10/11	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	
				in ROLL mode	8/9/10/11	NOTE	21	A0	9p	15	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	29	F1	9p	1D	hh	← Same as MIDI-IN	
				in SLICER mode	8/9/10/11	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN	
				in SAMPLER mode	8/9/10/11	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN	
				in CUE LOOP mode	8/9/10/11	NOTE	69	A4	9p	45	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN	
				in SAVED LOOP mode	8/9/10/11	NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN	
				in SLICER LOOP mode	8/9/10/11	NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	117	A8	9p	75	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	CC	117	-	Bp	75	hh		Min 0 (0x00) ~ Max 127 (0x7F)
				+SHIFT	8/9/10/11	CC	125	-	Bp	7D	hh		When not pressed: 0, When pressed fully: 127
P7-L	PERFORMANCE PAD 7			in HOT CUE mode	8/9/10/11	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	
P7-R				+SHIFT	8/9/10/11	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	
				in ROLL mode	8/9/10/11	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN	
				in SLICER mode	8/9/10/11	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	
				in SAMPLER mode	8/9/10/11	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN	
				in CUE LOOP mode	8/9/10/11	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	
				in SAVED LOOP mode	8/9/10/11	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN	
				in SLICER LOOP mode	8/9/10/11	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	CC	118	-	Bp	76	hh		Min 0 (0x00) ~ Max 127 (0x7F)
				+SHIFT	8/9/10/11	CC	126	-	Bp	7E	hh		When not pressed: 0, When pressed fully: 127
P8-L	PERFORMANCE PAD 8			in HOT CUE mode	8/9/10/11	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	
P8-R				+SHIFT	8/9/10/11	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	
				in ROLL mode	8/9/10/11	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN	
				in SLICER mode	8/9/10/11	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN	
				in SAMPLER mode	8/9/10/11	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN	
				in CUE LOOP mode	8/9/10/11	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	
				in SAVED LOOP mode	8/9/10/11	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	95	B6	9p	5F	hh	← Same as MIDI-IN	
				in SLICER LOOP mode	8/9/10/11	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-IN	
				in VELOCITY SAMPLER mode	8/9/10/11	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	NOTE	127	G9	9p	7F	hh	← Same as MIDI-IN	
				+SHIFT	8/9/10/11	CC	119	-	Bp	77	hh		Min 0 (0x00) ~ Max 127 (0x7F)
				+SHIFT	8/9/10/11	CC	127	-	Bp	7F	hh		When not pressed: 0, When pressed fully: 127
P9-L	HOT CUE	press		+SHIFT	1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P9-R		long press			1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P10-L	ROLL	press			1/2/3/4	NOTE	106	A#7	9n	6A	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P10-R				+SHIFT	1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P11-L	SLICER	press			1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P11-R				+SHIFT	1/2/3/4	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P12-L	SAMPLER	press			1/2/3/4	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P12-R		long 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	110	D8	9n	6E	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
					1/2/3/4	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P13-L	PARAMETER (LEFT)			in HOT CUE mode	1/2/3/4	NOTE	36	C2	9n	24	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P13-R				+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 SLICE 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)
P14-L	PARAMETER (RIGHT)			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)
P14-R				+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 SLICE LOOP mode	1/2/3/4	NOTE	50	D3	9n	32	hh	← Same as MIDI-IN	OFF =

MIDI-OUT

Group	Communication name	Function	MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
			MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
					(Dec)	(English scale)							
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	connect = 0x00 ~ 0x7F (any value)