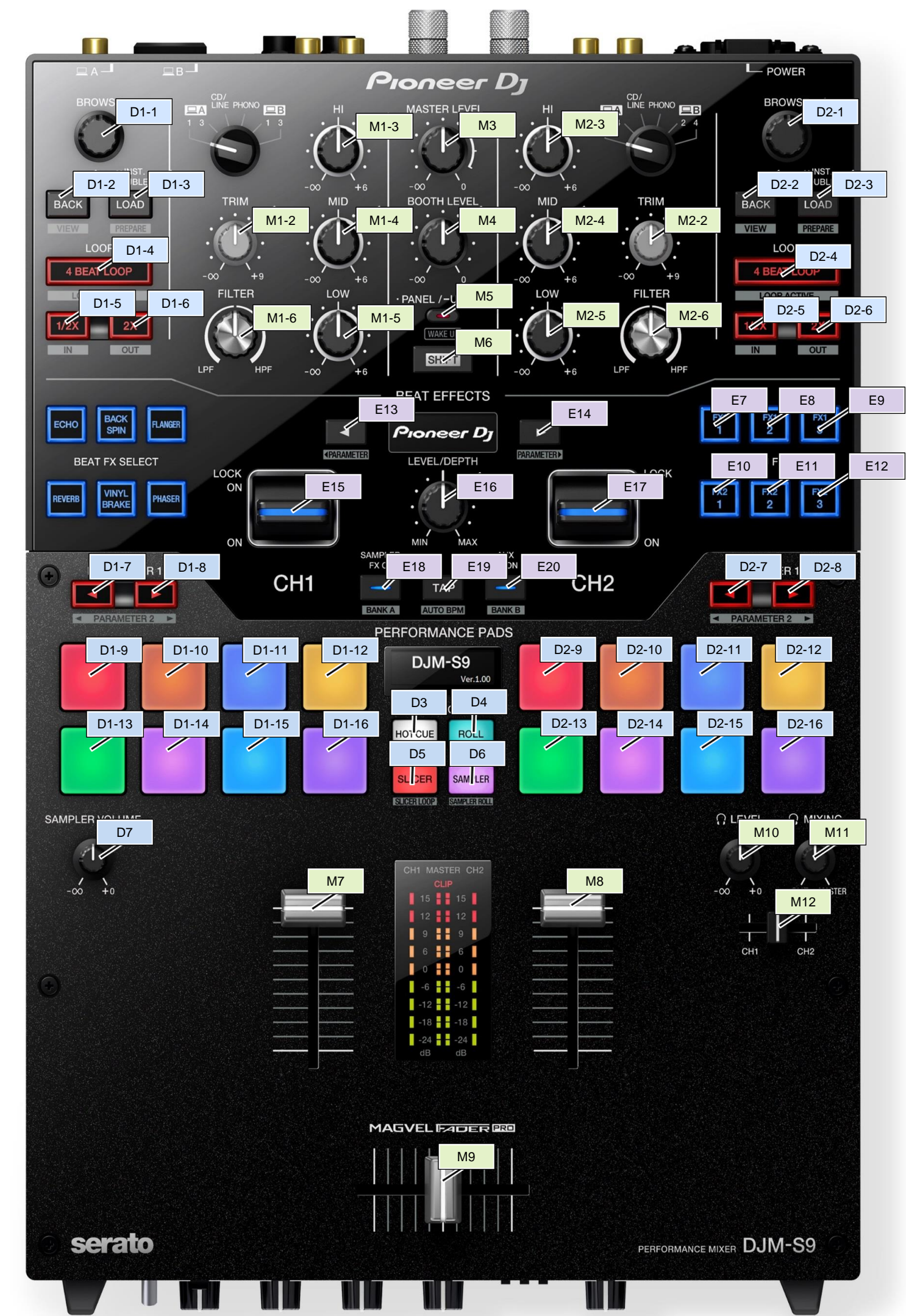


DJM-S9

List of MIDI messages version 1.00



[MIDI channel assignment]
MIDI channel is defined as shown below.
0x9* :Note * : value of channel No.(n/m/p)
0xB* :Control Change(CC)

Channel Category	MIDI Channel	*(Hex)
DECK1	1	n=0
DECK2	2	n=1
DECK3	3	n=2
DECK4	4	n=3
FX DECK1/DECK3	5	m=4
FX DECK2/DECK4	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

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	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details(Data2)
		UI name	Trigger	+SHIFT	Condition (mode)	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)							
MIXER	M1-2 M2-2	TRIM	rotate			1/2/3/4	CC	4 36	-	Bn	04 24	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M1-3 M2-3	ISO HIGH	rotate			1/2/3/4	CC	7 39	-	Bn	07 27	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M1-4 M2-4	ISO MID	rotate			1/2/3/4	CC	11 43	-	Bn	0B 2B	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max

	M1-5 M2-5	ISO LOW	rotate		1/2/3/4	CC	15 47	-	Bn	0F 2F	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M1-6 M2-6	FILTER	rotate		1/2/3/4	CC	1 33	-	Bn	01 21	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M3	MASTER LEVEL	rotate		7	CC	8 40	-	B6	08 28	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M4	BOOTH LEVEL	rotate		7	CC	9 41	-	B6	09 29	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M5	PANEL SELECT	press		7	NOTE	120	C9	96	78	hh				OFF=0x00, ON=0x7F
				+SHIFT	7	NOTE	121	C#9	96	79	hh				OFF=0x00, ON=0x7F
	M6	SHIFT	press		7	NOTE	63	D#4	96	3F	hh				
	M7 M8	CH 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			OFF = 0 (0x00), ON = 127 (0x7F)
						1/2/3/4	NOTE	81	A5	9n	51	hh			OFF = 0 (0x00), ON = 127 (0x7F)
					not Zero -> Zero	1/2/3/4	NOTE	82	A#5	9n	52	hh			OFF = 0 (0x00), ON = 127 (0x7F)
	M9	CROSSFADER	slide		7	CC	31 63	-	B6	1F 3F	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) Min at left side, Max at right side
				+SHIFT	Min -> not Min	2	NOTE	102	F#7	91	66	hh			OFF = 0 (0x00), ON = 127 (0x7F)
						2	NOTE	81	A5	91	51	hh			OFF = 0 (0x00), ON = 127 (0x7F)
					not Min -> Min	2	NOTE	82	A#5	91	52	hh			OFF = 0 (0x00), ON = 127 (0x7F)
					Max -> not Max	1	NOTE	102	F#7	90	66	hh			OFF = 0 (0x00), ON = 127 (0x7F)
						1	NOTE	81	A5	90	51	hh			OFF = 0 (0x00), ON = 127 (0x7F)
					not Max -> Max	1	NOTE	82	A#5	90	52	hh			OFF = 0 (0x00), ON = 127 (0x7F)
	M10	HEADPHONE VOL	rotate		7	CC	13 45	-	B6	0D 2D	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M11	HEADPHONE MIX	rotate		7	CC	12 44	-	B6	0C 2C	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M12	HEADPHONE CUEFADER	slide		7	CC	14 46	-	B6	0E 2E	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) Max at left side, Min at right side
	M13	MIC ON/ OFF	slide		7	NOTE	106	A#7	96	6A	hh				OFF=0x00, ON=0x7F
	M14	MIC TALKOVER ON/ OFF	slide		7	NOTE	104	G#7	96	68	hh				OFF=0x00, ON=0x7F
	M15	MIC EQ HI	rotate		7	CC	4 36	-	B6	04 24	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M16	MIC ECHO	rotate		7	CC	6 38	-	B6	06 26	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M18	MIC EQ LOW	rotate		7	CC	5 37	-	B6	05 25	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M21	CROSS FADER REVERSE	slide		7	NOTE	24	C1	96	18	hh				OFF=0x00, ON=0x7F
	M22	CROSS FADER CURVE	rotate		7	CC	1 33	-	B6	01 21	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M23	CHANNEL 1 FADER CURVE	rotate		7	CC	2 34	-	B6	02 22	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M24	CHANNEL1 FADER REVERSE	slide		7	NOTE	25	C#1	96	19	hh				OFF=0x00, ON=0x7F
	M25	CHANNEL 2FADER REVERSE	slide		7	NOTE	32	G#1	96	20	hh				OFF=0x00, ON=0x7F
	M26	CHANNEL 2 FADER CURVE	rotate		7	CC	7 39	-	B6	07 27	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
EFFECT	E7	FX1-1	press		5	NOTE	112	E8	94	70	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT	5	NOTE	99	D#7	94	63	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E8	FX1-2	press		5	NOTE	113	F8	94	71	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT	5	NOTE	100	E7	94	64	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E9	FX1-3	press		5	NOTE	114	F#8	94	72	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT	5	NOTE	101	F7	94	65	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F

	E10	FX2-1	press			6	NOTE	112	E8	95	70	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		6	NOTE	99	D#7	95	63	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	E11	FX2-2	press			6	NOTE	113	F8	95	71	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		6	NOTE	100	E7	95	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	E12	FX2-3	press			6	NOTE	114	F#8	95	72	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		6	NOTE	101	F7	95	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	E13	BEAT LEFT	press			4/5	NOTE	6	F#-1	9m	06	hh		OFF=0x00, ON=0x7F
				+SHIFT		4/5	NOTE	18	F#0	9m	12	hh		OFF=0x00, ON=0x7F
	E14	BEAT RIGHT	press			4/5	NOTE	7	G-1	9m	07	hh		OFF=0x00, ON=0x7F
				+SHIFT		4/5	NOTE	19	G0	9m	13	hh		OFF=0x00, ON=0x7F
	E15	CH1 EFFECT LEVER	press			5	NOTE	80	G#5	94	50	hh		OFF=0x00, ON=0x7F
					FX1_1 selected	5	NOTE	71	B4	94	47			OFF=0x00, ON=0x7F
					FX1_2 selected	5	NOTE	72	C5	94	48			OFF=0x00, ON=0x7F
					FX1_3 selected	5	NOTE	73	C#5	94	49			OFF=0x00, ON=0x7F
					FX2_1 selected	5	NOTE	71	B4	94	47			OFF=0x00, ON=0x7F
					FX2_2 selected	5	NOTE	72	C5	94	48			OFF=0x00, ON=0x7F
					FX2_3 selected	5	NOTE	73	C#5	94	49			OFF=0x00, ON=0x7F
			+SHIFT			5	NOTE	102	F#7	94	66	hh		OFF=0x00, ON=0x7F
	E16	LEVEL/DEPTH	rotate		FX1_1,FX2_1	5/6	CC	2 34	-	Bm	02 22	MSB LSB		Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
					FX1_2,FX2_2	5/6	CC	4 36	-	Bm	04 24	MSB LSB		Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
					FX1_3,FX2_3	5/6	CC	6 38	-	Bm	06 26	MSB LSB		Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	E17	CH2 EFFECT LEVER	press			6	NOTE	80	G#5	95	50	hh		OFF=0x00, ON=0x7F
					FX1_1 selected	6	NOTE	71	B4	95	47			OFF=0x00, ON=0x7F
					FX1_2 selected	6	NOTE	72	C5	95	48			OFF=0x00, ON=0x7F
					FX1_3 selected	6	NOTE	73	C#5	95	49			OFF=0x00, ON=0x7F
					FX2_1 selected	6	NOTE	71	B4	95	47			OFF=0x00, ON=0x7F
					FX2_2 selected	6	NOTE	72	C5	95	48			OFF=0x00, ON=0x7F
					FX2_3 selected	6	NOTE	73	C#5	95	49			OFF=0x00, ON=0x7F
			+SHIFT			6	NOTE	102	F#7	95	66	hh		OFF=0x00, ON=0x7F
	E18	SAMPLER FX ON	press			7	NOTE	9	A-1	96	09	hh		FX OFF=0x00, FX ON=0x7F
				+SHIFT		7	NOTE	21	A0	96	15	hh		OFF=0x00, ON=0x7F
	E19	TAP	press			7	NOTE	10	A#-1	96	0A	hh		OFF=0x00, ON=0x7F
				+SHIFT		7	NOTE	22	A#0	96	16	hh		OFF=0x00, ON=0x7F
	E20	AUX FX ON	press			7	NOTE	11	B-1	96	0B	hh		FX OFF=0x00, FX ON=0x7F
				+SHIFT		7	NOTE	23	B0	96	17	hh		OFF=0x00, ON=0x7F
DECK	D1-1 D2-1	BROWSE	rotate			7	CC	64	-	B6	40	hh		Difference count value from when previous operated Turn clockwise: 0x01~0x1E(max) (1~30clicks/40msec) Turn counterclockwise: 0x7F~0x62(max) (1~30clicks/40msec)
			+SHIFT			7	CC	100	-	B6	64	hh		Difference count value from when previous operated Turn clockwise: 0x01~0x1E(max) (1~30clicks/40msec) Turn counterclockwise: 0x7F~0x62(max) (1~30clicks/40msec)
			press			7	NOTE	65	F4	96	41	hh		OFF=0x00, ON=0x7F
	D1-3	LOAD	press			7	NOTE	70	A#4	96	46	hh		OFF=0x00, ON=0x7F
			+SHIFT			7	NOTE	103	G7	96	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D2-3	LOAD	press			7	NOTE	71	B4	96	47	hh		OFF=0x00, ON=0x7F
			+SHIFT			7	NOTE	103	G7	96	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-2 D2-2	BACK	press			7	NOTE	101	F7	96	65	hh		OFF=0x00, ON=0x7F
			+SHIFT			7	NOTE	102	F#7	96	66	hh		OFF=0x00, ON=0x7F
	D1-4 D2-4	4BEAT LOOP	press			1/2/3/4	NOTE	69	A4	9n	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
					PC SETTING UTILITY PREFERENCE	1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2/3/4	NOTE	80	G#5	9n	50	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F

	D1-5 D2-5	LOOP HALF	press			1/2/3/4	NOTE	18	F#0	9n	12	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	16	E0	9n	10	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-6 D2-6	LOOP DOUBLE	press			1/2/3/4	NOTE	19	G0	9n	13	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	17	F0	9n	11	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-7 D2-7	PARAM1 (LEFT)	press			1/2/3/4	NOTE	36	C2	9n	24	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	1	C#-1	9n	01	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-8 D2-8	PARAM1 (RIGHT)	press			1/2/3/4	NOTE	44	G#2	9n	2C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	9	A-1	9n	09	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-9 D2-9	PAD1	press			8/8/10/11	NOTE	0	C-1	9p	00	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	8	G#-1	9p	08	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-10 D2-10	PAD2	press			8/8/10/11	NOTE	1	G#-1	9p	01	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	9	A-1	9p	09	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-11 D2-11	PAD3	press			8/8/10/11	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-12 D2-12	PAD4	press			8/8/10/11	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-13 D2-13	PAD5	press			8/8/10/11	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-14 D2-14	PAD6	press			8/8/10/11	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-15 D2-15	PAD7	press			8/8/10/11	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-16 D2-16	PAD 8	press			8/8/10/11	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		8/8/10/11	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D3	HOT CUE	press			1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT	SHIFT+double click or triple click	1/2/3/4	NOTE	64	E4	9q	40	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D4	ROLL	press			1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT	SHIFT+double click or triple click	1/2/3/4	NOTE	65	F4	9q	41	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D5	SLICER	press			1/2/3/4	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT	SHIFT+double click or triple click	1/2/3/4	NOTE	66	F#4	9q	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D6	SAMPLER	press			1/2/3/4	NOTE	34	A#1	9n	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT	SHIFT+double click or triple click	1/2/3/4	NOTE	67	G4	9q	43	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D7	SAMPLER VOLUME	rotate			7	CC	3 35	-	B6	03 23	MSB LSB	<div></div> <div></div> <div></div>	Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max