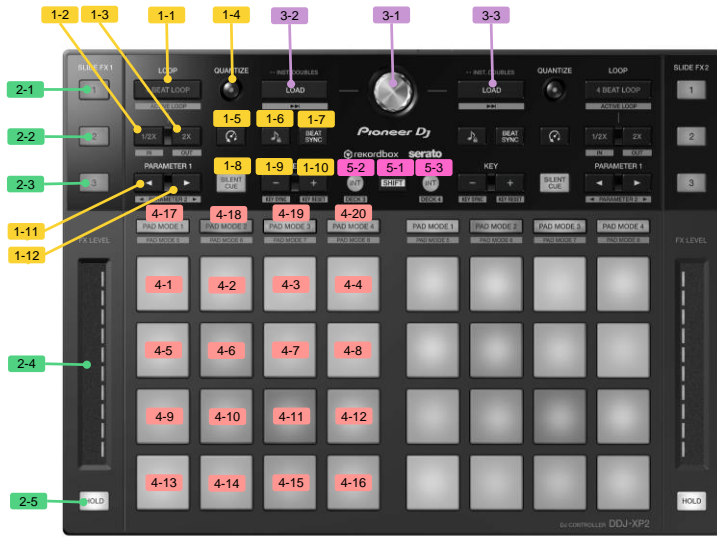


DDJ-XP2

MIDI Message List



[MIDI channel assignment]

MIDI channel is defined as shown below.

0x9^h -Note

0xB^h -Control Change (CC)

Channel Category	MIDI channel	channel No. (hex)
DECK 1 (other than PERFORMANCE PAD)	1	m=0
DECK 2 (other than PERFORMANCE PAD)	2	m=1
DECK 3 (other than PERFORMANCE PAD)	3	m=2
DECK 4 (other than PERFORMANCE PAD)	4	m=3
SLIDE FX 1	5	m=4
SLIDE FX 2	6	m=5
BROWSER	7	m=6
DECK 1 PERFORMANCE PAD (without SHIFT)	8	p=7
DECK 1 PERFORMANCE PAD (with SHIFT)	9	p=8
DECK 2 PERFORMANCE PAD (without SHIFT)	10	p=9
DECK 2 PERFORMANCE PAD (with SHIFT)	11	p=A
DECK 3 PERFORMANCE PAD (without SHIFT)	12	p=B
DECK 3 PERFORMANCE PAD (with SHIFT)	13	p=C
DECK 4 PERFORMANCE PAD (without SHIFT)	14	p=D
DECK 4 PERFORMANCE PAD (with SHIFT)	15	p=E
MIDI-OUT	16	m=F

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 halfnotes.

Group	Fig.	User Interface			MIDI assign reference				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)	NOTE / CC (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	
1 DECK	*All the functions assigned on the right deck are the same as those on the left deck shown below.	1-1	4 BEAT LOOP	+SHIFT	press		1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	80	G#5	9n	50	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-2	1/2X	+SHIFT	press		1/2/3/4	NOTE	16	E0	9n	10	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	76	E5	9n	4C	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-3	2X	+SHIFT	press		1/2/3/4	NOTE	17	F0	9n	11	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	77	F5	9n	4D	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-4	QUANTIZE	+SHIFT	press		1/2/3/4	NOTE	53	F3	9n	35	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	57	A3	9n	39	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-5	[REVERSE]	+SHIFT	press		1/2/3/4	NOTE	21	A0	9n	15	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	56	G#3	9n	38	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-6	[BPM]	+SHIFT	press		1/2/3/4	NOTE	26	D1	9n	1A	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	96	C7	9n	60	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-7	BEAT SYNC	+SHIFT	press		1/2/3/4	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	92	G#6	9n	5C	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
		1-8	SILENT CUE	+SHIFT	press		1/2/3/4	NOTE	104	G#7	9n	68	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
							1/2/3/4	NOTE	120	C9	9n	78	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1
1-9	KEY -	+SHIFT	press		1/2/3/4	NOTE	10	A#-1	9n	0A	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	101	F7	9n	65	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
1-10	KEY +	+SHIFT	press		1/2/3/4	NOTE	121	G5	9n	79	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	100	E7	9n	64	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	36	C2	9n	24	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	1	C#-1	9n	01	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	37	C#2	9n	25	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	2	D-1	9n	02	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	38	D2	9n	26	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	3	D#-1	9n	03	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	39	D#2	9n	27	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	4	E-1	9n	04	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	40	E2	9n	28	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	5	F-1	9n	05	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	41	F2	9n	29	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	6	F#-1	9n	06	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	42	F#2	9n	2A	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	7	G-1	9n	07	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
1-11	PARAMETER <	+SHIFT	press		1/2/3/4	NOTE	43	G2	9n	2B	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	8	G#-1	9n	08	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	44	G#2	9n	2C	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	9	A-1	9n	09	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	45	A2	9n	2D	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	122	D9	9n	7A	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	46	A#2	9n	2E	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	123	D#9	9n	7B	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	47	B2	9n	2F	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	124	E9	9n	7C	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	48	C3	9n	30	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	125	F9	9n	7D	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	49	C#3	9n	31	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	126	F#9	9n	7E	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	50	D3	9n	32	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	127	G9	9n	7F	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
1-12	PARAMETER >	+SHIFT	press		1/2/3/4	NOTE	51	D#3	9n	33	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		
					1/2/3/4	NOTE	0	C-1	9n	00	hh	← Same as MIDI-IN	OFF=0(0x00), ON=127(0x7F) *1		

EFFECT	2-1	1	+SHIFT	press		5/6	NOTE	112	E8	9m	70	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *3								
						5/6	NOTE	115	G8	9m	73	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *3								
2-2	2	2	+SHIFT	press		5/6	NOTE	113	F8	9m	71	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *3								
						5/6	NOTE	116	G#8	9m	74	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *3								
						5/6	NOTE	114	F#8	9m	72	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *3								
						5/6	NOTE	117	A8	9m	75	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *3								
						5/6	NOTE	71	B4	9m	47	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *4								
						5/6	NOTE	71	B4	9m	47	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *4								
						5/6	NOTE	72	C5	9m	48	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *4								
						5/6	NOTE	72	C5	9m	48	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *4								
						5/6	NOTE	73	C#5	9m	49	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *4								
						5/6	NOTE	73	C#5	9m	49	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *4								
						2-3	3	3	+SHIFT	press		5/6	NOTE	118	A#8	9m	76	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *5		
												5/6	NOTE	118	A#8	9m	76	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *5		
7	CC	64	-	B6	40							hh		Turn clockwise : Increase from 0x01								
7	CC	100	-	B6	64							hh		Turn counterclockwise : Decrease from 0x7F								
7	NOTE	65	F4	96	41							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	66	F#4	96	42							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	70	A#4	96	46							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	88	E6	96	58							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	72	C5	96	48							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	96	C7	96	60							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	71	B4	96	47							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	89	F6	96	59							hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)								
7	NOTE	73	C#5	96	49	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)														
7	NOTE	97	C#7	96	61	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)														
2-4	TOUCH STRIP		+SHIFT	slide		5/6	CC	2	34	-	Bm	02	MSB	LSB	Min 0 (MSB:0x0, LSB:0x0) Max 16383 (MSB: 0x7F, LSB: 0x7F)							
								3	35	-	Bm	03	MSB	LSB	Min 0 (MSB:0x0, LSB:0x0) Max 16383 (MSB: 0x7F, LSB: 0x7F)							
								4	36	-	Bm	04	MSB	LSB	Min 0 (MSB:0x0, LSB:0x0) Max 16383 (MSB: 0x7F, LSB: 0x7F)							
								2	34	-	Bm	02	MSB	LSB	Min 0 (MSB:0x0, LSB:0x0) Max 16383 (MSB: 0x7F, LSB: 0x7F)							
								3	35	-	Bm	03	MSB	LSB	Min 0 (MSB:0x0, LSB:0x0) Max 16383 (MSB: 0x7F, LSB: 0x7F)							
								4	36	-	Bm	04	MSB	LSB	Min 0 (MSB:0x0, LSB:0x0) Max 16383 (MSB: 0x7F, LSB: 0x7F)							
								2-5	HOLD		+SHIFT	press		5/6	NOTE	118	A#8	9m	76	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *5
														5/6	NOTE	118	A#8	9m	76	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *5
														7	CC	64	-	B6	40	hh		Turn clockwise : Increase from 0x01
														7	CC	100	-	B6	64	hh		Turn counterclockwise : Decrease from 0x7F
														7	NOTE	65	F4	96	41	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)
														7	NOTE	66	F#4	96	42	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)
7	NOTE	70	A#4	96	46	hh	← Same as MIDI-N							OFF=0(x00), ON=127(x7F)								
7	NOTE	88	E6	96	58	hh	← Same as MIDI-N							OFF=0(x00), ON=127(x7F)								
7	NOTE	72	C5	96	48	hh	← Same as MIDI-N							OFF=0(x00), ON=127(x7F)								
7	NOTE	96	C7	96	60	hh	← Same as MIDI-N							OFF=0(x00), ON=127(x7F)								
7	NOTE	71	B4	96	47	hh	← Same as MIDI-N							OFF=0(x00), ON=127(x7F)								
7	NOTE	89	F6	96	59	hh	← Same as MIDI-N							OFF=0(x00), ON=127(x7F)								
7	NOTE	73	C#5	96	49	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)														
7	NOTE	97	C#7	96	61	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F)														
3-BROWSE	3-1	Rotary Selector	+SHIFT	rotate		8/10/12/14	NOTE	12	C0	9p	0C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	12	C0	9p	0C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	28	E1	9p	1C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	28	E1	9p	1C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	60	C4	9p	3C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	60	C4	9p	3C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	76	E5	9p	4C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	76	E5	9p	4C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
8/10/12/14	NOTE	108	C8	9p	6C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	108	C8	9p	6C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
8/10/12/14	NOTE	124	E9	9p	7C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	124	E9	9p	7C	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
4-PAD	4-1	PAD 1	+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	29	F1	9p	1D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	29	F1	9p	1D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	45	A2	9p	2D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	45	A2	9p	2D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	77	F5	9p	4D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	77	F5	9p	4D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	93	A6	9p	5D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	93	A6	9p	5D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
8/10/12/14	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
8/10/12/14	NOTE	125	F9	9p	7D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	125	F9	9p	7D	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
4-2	PAD 2		+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	14	D0	9p	0E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	14	D0	9p	0E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	62	D4	9p	3E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	62	D4	9p	3E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
8/10/12/14	NOTE	110	D8	9p	6E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	110	D8	9p	6E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
8/10/12/14	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
4-3	PAD 3		+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	31	G1	9p	1F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	31	G1	9p	1F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	47	B2	9p	2F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	47	B2	9p	2F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	79	G5	9p	4F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	79	G5	9p	4F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	95	B6	9p	5F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	95	B6	9p	5F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
8/10/12/14	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
8/10/12/14	NOTE	127	G9	9p	7F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
9/11/13/15	NOTE	127	G9	9p	7F	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1														
4-4	PAD 4		+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	8	G#-1	9p	08	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	8	G#-1	9p	08	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	24	C1	9p	18	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	24	C1	9p	18	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14	NOTE	40	E2	9p	28	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						9/11/13/15	NOTE	40	E2	9p	28	hh	← Same as MIDI-N	OFF=0(x00), ON=127(x7F) *1								
						8/10/12/14																

4-13	PAD 13	+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	0	C-1	9p	00	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	0	C-1	9p	00	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 2	8/10/12/14	NOTE	16	E0	9p	10	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	16	E0	9p	10	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 3	8/10/12/14	NOTE	32	G#1	9p	20	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	32	G#1	9p	20	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 4	8/10/12/14	NOTE	48	C3	9p	30	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	48	C3	9p	30	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
	+SHIFT	press	PAD MODE 5	8/10/12/14	NOTE	64	E4	9p	40	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
				9/11/13/15	NOTE	64	E4	9p	40	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
	+SHIFT	press	PAD MODE 6	8/10/12/14	NOTE	80	G#5	9p	50	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
				9/11/13/15	NOTE	80	G#5	9p	50	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
	+SHIFT	press	PAD MODE 7	8/10/12/14	NOTE	96	C7	9p	60	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
				9/11/13/15	NOTE	96	C7	9p	60	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
	+SHIFT	press	PAD MODE 8	8/10/12/14	NOTE	112	E8	9p	70	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
				9/11/13/15	NOTE	112	E8	9p	70	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1		
	4-14	PAD 14	+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	1	C#-1	9p	01	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	1	C#-1	9p	01	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 2	8/10/12/14	NOTE	17	F0	9p	11	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	17	F0	9p	11	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 3	8/10/12/14	NOTE	33	A1	9p	21	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	33	A1	9p	21	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 4	8/10/12/14	NOTE	49	C#3	9p	31	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	49	C#3	9p	31	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 5	8/10/12/14	NOTE	65	F4	9p	41	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	65	F4	9p	41	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 6	8/10/12/14	NOTE	81	A5	9p	51	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	81	A5	9p	51	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 7	8/10/12/14	NOTE	97	C#7	9p	61	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	97	C#7	9p	61	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 8	8/10/12/14	NOTE	113	F8	9p	71	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	113	F8	9p	71	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
	4-15	PAD 15	+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	2	D-1	9p	02	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	2	D-1	9p	02	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 2	8/10/12/14	NOTE	18	F#0	9p	12	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	18	F#0	9p	12	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 3	8/10/12/14	NOTE	34	A#1	9p	22	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	34	A#1	9p	22	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 4	8/10/12/14	NOTE	50	D3	9p	32	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	50	D3	9p	32	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 5	8/10/12/14	NOTE	66	F#4	9p	42	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	66	F#4	9p	42	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 6	8/10/12/14	NOTE	82	A#5	9p	52	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	82	A#5	9p	52	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 7	8/10/12/14	NOTE	98	D7	9p	62	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	98	D7	9p	62	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
			+SHIFT	press	PAD MODE 8	8/10/12/14	NOTE	114	F#8	9p	72	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
						9/11/13/15	NOTE	114	F#8	9p	72	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1
4-16	PAD 16	+SHIFT	press	PAD MODE 1	8/10/12/14	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 2	8/10/12/14	NOTE	19	G0	9p	13	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	19	G0	9p	13	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 3	8/10/12/14	NOTE	35	B1	9p	23	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	35	B1	9p	23	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 4	8/10/12/14	NOTE	51	D#3	9p	33	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	51	D#3	9p	33	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 5	8/10/12/14	NOTE	67	G4	9p	43	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	67	G4	9p	43	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 6	8/10/12/14	NOTE	83	B5	9p	53	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	83	B5	9p	53	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 7	8/10/12/14	NOTE	99	D#7	9p	63	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	99	D#7	9p	63	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
		+SHIFT	press	PAD MODE 8	8/10/12/14	NOTE	115	G8	9p	73	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
					9/11/13/15	NOTE	115	G8	9p	73	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*1	
4-17	PAD MODE 1	+SHIFT	press		1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*2	
4-18	PAD MODE 2	+SHIFT	press		1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*2	
4-19	PAD MODE 3	+SHIFT	press		1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*2	
4-20	PAD MODE 4	+SHIFT	press		1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*2	
5-OTHER	SHIFT	press	DECK 1	7	NOTE	64	E4	96	40	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*6		
				1	NOTE	115	G8	90	73	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*6		
				3	NOTE	114	F#8	92	72	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*7		
				3	NOTE	115	G8	92	73	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*7		
5-3	INT	press	DECK 2	2	NOTE	115	G8	91	73	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*8		
				4	NOTE	114	F#8	93	72	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*8		
				4	NOTE	115	G8	93	73	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*9		
				4	NOTE	114	F#8	93	72	hh	← Same as MIDI-N	OFF=0(0x00), ON=127(0x7F)*9		

MIDI-OUT

Group	Communication name	Function	MIDI assign reference			MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
			MIDI channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	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	16	NOTE	0	C-1	/	/	/	9F	00	7F
	Loaded (Deck 2)		16	NOTE	1	C#-1	/	/	/	9F	01	7F
	Loaded (Deck 3)		16	NOTE	2	D-1	/	/	/	9F	02	7F
	Loaded (Deck 4)		16	NOTE	3	D#-1	/	/	/	9F	03	7F

- *1 When the MIDI OUT command of Note OFF is received, the LED will dim.
- *2 When the button is pressed, the pad mode will switch and the LED will light up.
- *3 When the button is pressed while the LED lights up, the LED will dim.
- When the button is pressed while the LED dims, the LED will light up.
- When the MIDI OUT command of Note OFF is received, the LED will dim.
- *4 When you touch the touch strip, the Note ON command and the Note OFF command will be sent in succession.
- When you release your finger from the touch strip, the Note ON command and the Note OFF command will be sent in succession.
- *5 When the button is pressed, the LED will light up. When it is pressed again, the LED will dim.
- While the hold function is enabled, the Note command will not be sent even if you release your finger from the touch strip.
- *6 The deck selection will switch to DECK 3, and the LED will light up.
- When the MIDI OUT command [0x92, 0x72, 0x7F] is received, the deck selection will switch to DECK 3.
- *7 The deck selection will switch to DECK 2 and the LED will dim.
- When the MIDI OUT command [0x92, 0x72, 0x00] is received, the deck selection will switch to DECK 1.
- *8 The deck selection will switch to DECK 4 and the LED will light up.
- When the MIDI OUT command [0x93, 0x72, 0x7F] is received, the deck selection will switch to DECK 4.
- *9 The deck selection will switch to DECK 2 and the LED will dim.
- When the MIDI OUT command [0x93, 0x72, 0x00] is received, the deck selection will switch to DECK 2.