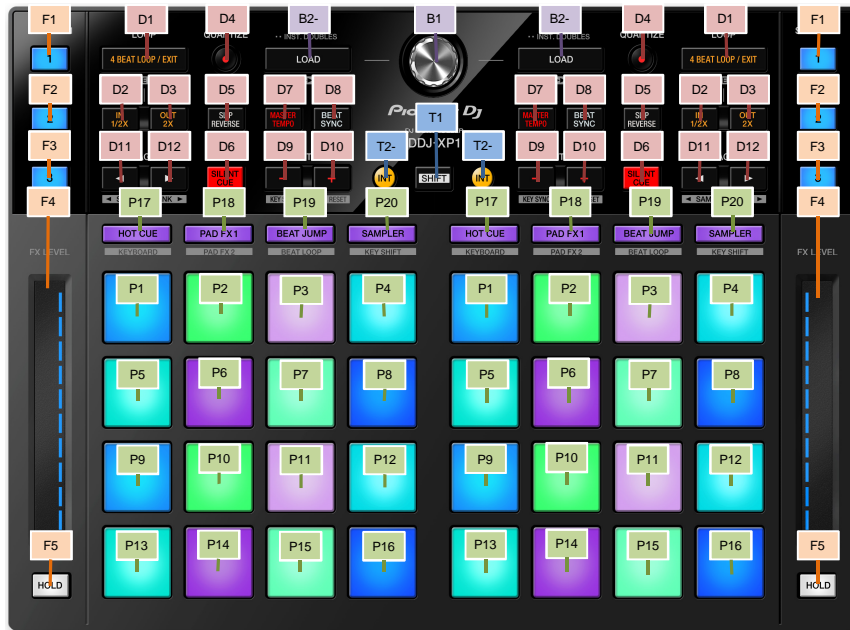


DDJ-XP1

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)
DECK 1 (other than PERFORMANCE PAD)	1	n=0
DECK 2 (other than PERFORMANCE PAD)	2	n=1
DECK 3 (other than PERFORMANCE PAD)	3	n=2
DECK 4 (other than PERFORMANCE PAD)	4	n=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 halftone.

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)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
								(Dec)	(English scale)							
BROWSER	B1	Rotary Selector	+SHIFT	rotate		7	CC	64	—	B6	40	hh				Turn clockwise: 1-03(0x01-0x03) Turn counterclockwise: 127-125(0xF-0x7D)
						7	CC	100	—	B6	64	hh				
			+SHIFT	press		7	NOTE	65	F4	96	41	hh				OFF=0(0x00), ON=127(0xF)
	B2-1	LOAD	+SHIFT		DECK 1	7	NOTE	66	F#4	96	42	hh				OFF=0(0x00), ON=127(0xF)
						7	NOTE	70	A#4	96	46	hh				OFF=0(0x00), ON=127(0xF)
						7	NOTE	88	E6	96	58	hh				OFF=0(0x00), ON=127(0xF)
						7	NOTE	72	C5	96	48	hh				OFF=0(0x00), ON=127(0xF)
	B2-2		+SHIFT		DECK 2	7	NOTE	96	C7	96	60	hh				OFF=0(0x00), ON=127(0xF)
						7	NOTE	71	B4	96	47	hh				OFF=0(0x00), ON=127(0xF)
						7	NOTE	89	F6	96	59	hh				OFF=0(0x00), ON=127(0xF)
					7	NOTE	73	C#5	96	49	hh				OFF=0(0x00), ON=127(0xF)	
	+SHIFT		DECK 4	7	NOTE	97	C#7	96	61	hh				OFF=0(0x00), ON=127(0xF)		
DECK	D1	4 BEAT LOOP / EXIT	+SHIFT	press		1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	80	G#5	9n	50	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
	D2	IN 1/2X	+SHIFT	press		1/2/3/4	NOTE	16	E0	9n	10	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	76	E5	9n	4C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
	D3	OUT 2X	+SHIFT	press		1/2/3/4	NOTE	17	F0	9n	11	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	77	F5	9n	4D	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
	D4	QUANTIZE	+SHIFT	press		1/2/3/4	NOTE	53	F3	9n	35	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	57	A3	9n	39	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
	D5	SUP REVERSE	+SHIFT	press		1/2/3/4	NOTE	21	A0	9n	15	hh				OFF=0(0x00), ON=127(0xF)
						1/2/3/4	NOTE	56	G#3	9n	38	hh				OFF=0(0x00), ON=127(0xF)
	D6	SILENT CUE	+SHIFT	press		1/2/3/4	NOTE	104	G#7	9n	68	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	120	C9	9n	78	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
	D7	MASTER TEMPO	+SHIFT	press		1/2/3/4	NOTE	26	D1	9n	1A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	96	C7	9n	60	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
	D8	BEAT SYNC	+SHIFT	press		1/2/3/4	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
						1/2/3/4	NOTE	92	G#6	9n	5C	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1
D9	SEMITONE -	+SHIFT	press		1/2/3/4	NOTE	10	A#-1	9n	0A	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1	
					1/2/3/4	NOTE	101	F7	9n	65	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1	
D10	SEMITONE +	+SHIFT	press		1/2/3/4	NOTE	121	G5	9n	79	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1	
					1/2/3/4	NOTE	100	E7	9n	64	hh	← Same as MIDI-IN			OFF=0(0x00), ON=127(0xF) *1	

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)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
DECK	D11	PAGE <	+SHIFT	press	HOT CUE mode	1/2/3/4	NOTE 36	C2	9n	24	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 1	C#-1	9n	01	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	PAD FX mode 1	1/2/3/4	NOTE 37	C#2	9n	25	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 2	D-1	9n	02	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	BEAT JUMP mode	1/2/3/4	NOTE 38	D2	9n	26	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 3	D#-1	9n	03	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	SAMPLER mode	1/2/3/4	NOTE 39	D#2	9n	27	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 4	E-1	9n	04	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	KEYBOARD mode	1/2/3/4	NOTE 40	E2	9n	28	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 5	F-1	9n	05	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	PAD FX mode 2	1/2/3/4	NOTE 41	F2	9n	29	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 6	F#-1	9n	06	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	BEAT LOOP mode	1/2/3/4	NOTE 42	F#2	9n	2A	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 7	G-1	9n	07	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT	press	KEY SHIFT mode	1/2/3/4	NOTE 43	G2	9n	2B	hh					OFF=0(x00), ON=127(0x7F)
						1/2/3/4	NOTE 8	G#-1	9n	08	hh					OFF=0(x00), ON=127(0x7F)
	D12	PAGE >		press	HOT CUE mode	1/2/3/4	NOTE 44	G#2	9n	2C	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 9	A-1	9n	09	hh					OFF=0(x00), ON=127(0x7F)
				press	PAD FX mode 1	1/2/3/4	NOTE 45	A2	9n	2D	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 122	D9	9n	7A	hh					OFF=0(x00), ON=127(0x7F)
				press	BEAT JUMP mode	1/2/3/4	NOTE 46	A#2	9n	2E	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 123	D#9	9n	7B	hh					OFF=0(x00), ON=127(0x7F)
				press	SAMPLER mode	1/2/3/4	NOTE 47	B2	9n	2F	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 124	E9	9n	7C	hh					OFF=0(x00), ON=127(0x7F)
				press	KEYBOARD mode	1/2/3/4	NOTE 48	C3	9n	30	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 125	F9	9n	7D	hh					OFF=0(x00), ON=127(0x7F)
				press	PAD FX mode 2	1/2/3/4	NOTE 49	C#3	9n	31	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 126	F#9	9n	7E	hh					OFF=0(x00), ON=127(0x7F)
				press	BEAT LOOP mode	1/2/3/4	NOTE 50	D3	9n	32	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 127	G9	9n	7F	hh					OFF=0(x00), ON=127(0x7F)
				press	KEY SHIFT mode	1/2/3/4	NOTE 51	D#3	9n	33	hh					OFF=0(x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE 0	C-1	9n	00	hh					OFF=0(x00), ON=127(0x7F)
PAD	P1	PAD 1		press	HOT CUE mode	8/10/12/14	NOTE 0	C-1	9p	00	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 0	C-1	9p	00	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 1	8/10/12/14	NOTE 16	E0	9p	10	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 16	E0	9p	10	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	BEAT JUMP mode	8/10/12/14	NOTE 32	G#1	9p	20	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 32	G#1	9p	20	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	SAMPLER mode	8/10/12/14	NOTE 48	C3	9p	30	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 48	C3	9p	30	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	KEYBOARD mode	8/10/12/14	NOTE 64	E4	9p	40	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 64	E4	9p	40	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 2	8/10/12/14	NOTE 80	G#5	9p	50	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 80	G#5	9p	50	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	BEAT LOOP mode	8/10/12/14	NOTE 96	C7	9p	60	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 96	C7	9p	60	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	KEY SHIFT mode	8/10/12/14	NOTE 112	E8	9p	70	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 112	E8	9p	70	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
	P2	PAD 2		press	HOT CUE mode	8/10/12/14	NOTE 1	C#-1	9p	01	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 1	C#-1	9p	01	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 1	8/10/12/14	NOTE 17	F0	9p	11	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 17	F0	9p	11	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	BEAT JUMP mode	8/10/12/14	NOTE 33	A1	9p	21	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 33	A1	9p	21	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	SAMPLER mode	8/10/12/14	NOTE 49	C#3	9p	31	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 49	C#3	9p	31	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	KEYBOARD mode	8/10/12/14	NOTE 65	F4	9p	41	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 65	F4	9p	41	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 2	8/10/12/14	NOTE 81	A5	9p	51	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 81	A5	9p	51	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	BEAT LOOP mode	8/10/12/14	NOTE 97	C#7	9p	61	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 97	C#7	9p	61	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	KEY SHIFT mode	8/10/12/14	NOTE 113	F8	9p	71	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 113	F8	9p	71	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
	P3	PAD 3		press	HOT CUE mode	8/10/12/14	NOTE 2	D-1	9p	02	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 2	D-1	9p	02	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 1	8/10/12/14	NOTE 18	F#0	9p	12	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 18	F#0	9p	12	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	BEAT JUMP mode	8/10/12/14	NOTE 34	A#1	9p	22	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 34	A#1	9p	22	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	SAMPLER mode	8/10/12/14	NOTE 50	D3	9p	32	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 50	D3	9p	32	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	KEYBOARD mode	8/10/12/14	NOTE 66	F#4	9p	42	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 66	F#4	9p	42	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 2	8/10/12/14	NOTE 82	A#5	9p	52	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 82	A#5	9p	52	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	BEAT LOOP mode	8/10/12/14	NOTE 98	D7	9p	62	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 98	D7	9p	62	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	KEY SHIFT mode	8/10/12/14	NOTE 114	F#8	9p	72	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 114	F#8	9p	72	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
	P4	PAD 4		press	HOT CUE mode	8/10/12/14	NOTE 3	D#-1	9p	03	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 3	D#-1	9p	03	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
				press	PAD FX mode 1	8/10/12/14	NOTE 19	G0	9p	13	hh		← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *1
			+SHIFT			9/11/13/15	NOTE 19	G0	9p	13	hh		← Same as MIDI-IN			OFF=0(x00

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)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)		
								(Dec)	(English scale)								
PAD	P5	PAD 5	+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE 4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
					9/11/13/15	NOTE 4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
			+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE 20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
					9/11/13/15	NOTE 20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				press	BEAT JUMP mode	8/10/12/14	NOTE 36	C2	9p	24	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
			+SHIFT		9/11/13/15	NOTE 36	C2	9p	24	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE 52	E3	9p	34	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
					9/11/13/15	NOTE 52	E3	9p	34	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
			+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE 68	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
					9/11/13/15	NOTE 68	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
			+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE 84	C6	9p	54	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
					9/11/13/15	NOTE 84	C6	9p	54	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
		+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE 100	E7	9p	64	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				9/11/13/15	NOTE 100	E7	9p	64	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE 116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				9/11/13/15	NOTE 116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE 5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				9/11/13/15	NOTE 5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE 21	A0	9p	15	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				9/11/13/15	NOTE 21	A0	9p	15	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE 37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				9/11/13/15	NOTE 37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE 53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				9/11/13/15	NOTE 53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
	+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE 69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			9/11/13/15	NOTE 69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
	+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE 85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			9/11/13/15	NOTE 85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
	+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE 101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			9/11/13/15	NOTE 101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
	+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE 117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			9/11/13/15	NOTE 117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
		P6	PAD 6		press	HOT CUE mode	8/10/12/14	NOTE 6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	PAD FX mode 1	8/10/12/14	NOTE 22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	BEAT JUMP mode	8/10/12/14	NOTE 38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	SAMPLER mode	8/10/12/14	NOTE 54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	KEYBOARD mode	8/10/12/14	NOTE 70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	PAD FX mode 2	8/10/12/14	NOTE 86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				press	BEAT LOOP mode	8/10/12/14	NOTE 102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	KEY SHIFT mode	8/10/12/14	NOTE 118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			PAD 7		press	HOT CUE mode	8/10/12/14	NOTE 7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	PAD FX mode 1	8/10/12/14	NOTE 23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	BEAT JUMP mode	8/10/12/14	NOTE 39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	SAMPLER mode	8/10/12/14	NOTE 55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				press	KEYBOARD mode	8/10/12/14	NOTE 71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		PAD 8			press	PAD FX mode 2	8/10/12/14	NOTE 87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				press	BEAT LOOP mode	8/10/12/14	NOTE 103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	KEY SHIFT mode	8/10/12/14	NOTE 119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			PAD 9		press	HOT CUE mode	8/10/12/14	NOTE 8	G#-1	9p	08	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 8	G#-1	9p	08	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	PAD FX mode 1	8/10/12/14	NOTE 24	C1	9p	18	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 24	C1	9p	18	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
					press	BEAT JUMP mode	8/10/12/14	NOTE 40	E2	9p	28	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1			
	+SHIFT				9/11/13/15	NOTE 40	E2	9p	28	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
				press	SAMPLER mode	8/10/12/14	NOTE 56	G#3	9p	38	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 56	G#3	9p	38	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	KEYBOARD mode	8/10/12/14	NOTE 72	C5	9p	48	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 72	C5	9p	48	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	PAD FX mode 2	8/10/12/14	NOTE 88	E6	9p	58	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 88	E6	9p	58	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
		PAD 10		press	BEAT LOOP mode	8/10/12/14	NOTE 104	G#7	9p	68	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 104	G#7	9p	68	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	KEY SHIFT mode	8/10/12/14	NOTE 120	C9	9p	78	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 120	C9	9p	78	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	HOT CUE mode	8/10/12/14	NOTE 9	A-1	9p	09	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 9	A-1	9p	09	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	PAD FX mode 1	8/10/12/14	NOTE 25	C#1	9p	19	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 25	C#1	9p	19	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	BEAT JUMP mode	8/10/12/14	NOTE 41	F2	9p	29	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 41	F2	9p	29	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
				press	SAMPLER mode	8/10/12/14	NOTE 57	A3	9p	39	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1				
	+SHIFT			9/11/13/15	NOTE 57	A3	9p	39	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1						
			press	KEYBOARD mode	8/10/12/14	NOTE 73	C#5	9p	49	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
	+SHIFT		9/11/13/15	NOTE 73	C#5	9p	49	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
			press	PAD FX mode 2	8/10/12/14	NOTE 89	F6	9p	59	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
	+SHIFT		9/11/13/15	NOTE 89	F6	9p	59	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
			press	BEAT LOOP mode	8/10/12/14	NOTE 105	A7	9p	69	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
	+SHIFT		9/11/13/15	NOTE 105	A7	9p	69	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							
			press	KEY SHIFT mode	8/10/12/14	NOTE 121	C#9	9p	79	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1					
	+SHIFT		9/11/13/15	NOTE 121	C#9	9p	79	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(0x7F) *1							

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)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)		
								(Dec)	(English scale)								
PAD	P11	PAD 11	+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE	26	D1	9p	1A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	26	D1	9p	1A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	42	F#2	9p	2A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	42	F#2	9p	2A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	58	A#3	9p	3A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	58	A#3	9p	3A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE	74	D5	9p	4A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	74	D5	9p	4A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P12	PAD 12	+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE	90	F#6	9p	5A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	90	F#6	9p	5A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE	106	A#7	9p	6A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	106	A#7	9p	6A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE	122	D9	9p	7A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	122	D9	9p	7A	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE	27	D#1	9p	1B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	27	D#1	9p	1B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P13	PAD 13	+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	43	G2	9p	2B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	43	G2	9p	2B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	59	B3	9p	3B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	59	B3	9p	3B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE	75	D#5	9p	4B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	75	D#5	9p	4B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE	91	G6	9p	5B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	91	G6	9p	5B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE	107	B7	9p	6B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	107	B7	9p	6B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P14	PAD 14	+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE	123	D#9	9p	7B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	123	D#9	9p	7B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE	28	E1	9p	1C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	28	E1	9p	1C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	60	C4	9p	3C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	60	C4	9p	3C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P15	PAD 15	+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE	76	E5	9p	4C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	76	E5	9p	4C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE	108	C8	9p	6C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	108	C8	9p	6C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE	124	E9	9p	7C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	124	E9	9p	7C	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P16	PAD 16	+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE	29	F1	9p	1D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	29	F1	9p	1D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P17	HOT CUE	+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P18	PAD FX	+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 2	8/10/12/14	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT LOOP mode	8/10/12/14	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEY SHIFT mode	8/10/12/14	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P19	BEAT JUMP	+SHIFT	press	HOT CUE mode	8/10/12/14	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	PAD FX mode 1	8/10/12/14	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
			+SHIFT	press	KEYBOARD mode	8/10/12/14	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
						9/11/13/15	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *1			
	P17	HOT CUE	+SHIFT	press		1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *2			
						1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *2			
	P18	PAD FX	+SHIFT	press		1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *2			
						1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *2			
	P19	BEAT JUMP	+SHIFT	press		1/2/3/4	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *2			
						1/2/3/4	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN	OFF=0(x00), ON=127(x7F) *2			

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) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)			
PAD	P20	SAMPLER	+SHIFT	press		1/2/3/4	NOTE 34	A#1	9n	22	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *2		
SLIDE FX	F1	1	+SHIFT	press		1/2/3/4	NOTE 111	D#8	9n	6F	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *2		
						5/6	NOTE 112	E8	9m	70	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *3		
	F2	2	+SHIFT	press		5/6	NOTE 115	G8	9m	73	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *3		
						5/6	NOTE 113	F8	9m	71	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *3		
	F3	3	+SHIFT	press		5/6	NOTE 116	G#8	9m	74	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *3		
						5/6	NOTE 114	F#8	9m	72	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *3		
	F4	TOUCH STRIP	touch	+SHIFT	While selecting 1	5/6	NOTE 71	B4	9m	47	hh				OFF=0(x00), ON=127(0x7F) *4		
				5/6		NOTE 71	B4	9m	47	hh				OFF=0(x00), ON=127(0x7F) *4			
				+SHIFT	While selecting 2	5/6	NOTE 72	C5	9m	48	hh				OFF=0(x00), ON=127(0x7F) *4		
				5/6		NOTE 72	C5	9m	48	hh				OFF=0(x00), ON=127(0x7F) *4			
			+SHIFT	While selecting 3	5/6	NOTE 73	C#5	9m	49	hh				OFF=0(x00), ON=127(0x7F) *4			
			5/6		NOTE 73	C#5	9m	49	hh				OFF=0(x00), ON=127(0x7F) *4				
			slide	+SHIFT			5/6	CC	2	34	-	9m	02	MSB LSB			Mn 0 (MSB:0x00, LSB:0x00) Max 16383 (MSB: 0x7F, LSB: 0x7F)
									3	35	-	9m	03	MSB LSB			Mn 0 (MSB:0x00, LSB:0x00) Max 16383 (MSB: 0x7F, LSB: 0x7F)
4									36	-	9m	04	MSB LSB			Mn 0 (MSB:0x00, LSB:0x00) Max 16383 (MSB: 0x7F, LSB: 0x7F)	
2									34	-	9m	02	MSB LSB			Mn 0 (MSB:0x00, LSB:0x00) Max 16383 (MSB: 0x7F, LSB: 0x7F)	
3	35	-							9m	03	MSB LSB			Mn 0 (MSB:0x00, LSB:0x00) Max 16383 (MSB: 0x7F, LSB: 0x7F)			
4	36	-							9m	04	MSB LSB			Mn 0 (MSB:0x00, LSB:0x00) Max 16383 (MSB: 0x7F, LSB: 0x7F)			
F5	HOLD	+SHIFT	press		5/6	NOTE 118	A#8	9m	76	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *5			
					5/6	NOTE 118	A#8	9m	76	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *5			
OTHER	T1	SHIFT		press		7	NOTE 64	E4	96	40	hh						
T2-1	INT	+SHIFT	press	DECK 1	1	NOTE 115	G8	90	73	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F)			
					3	NOTE 114	F#8	92	72	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *6			
					3	NOTE 115	G8	92	73	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F)			
		+SHIFT	press	DECK 3	3	NOTE 114	F#8	92	72	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *7			
					2	NOTE 115	G8	91	73	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F)			
					4	NOTE 114	F#8	93	72	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *8			
T2-2		+SHIFT	press	DECK 2	4	NOTE 115	G8	93	73	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F)			
				4	NOTE 114	F#8	93	72	hh	← Same as MIDI-IN			OFF=0(x00), ON=127(0x7F) *9				

MIDI-OUT

MIDI-COT													
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)		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	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 1 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.