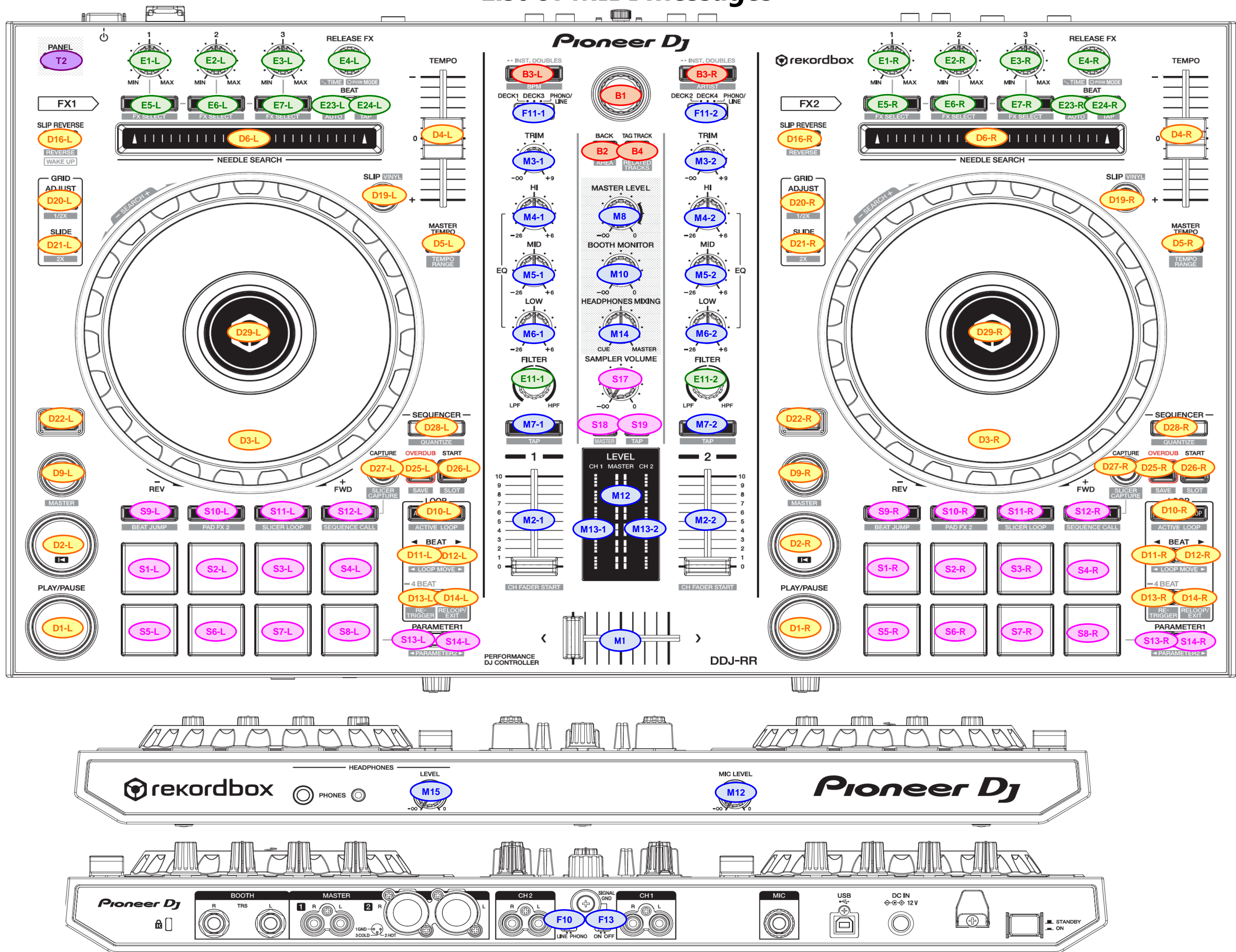


DDJ-RR

List of MIDI messages



【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
MIDI-OUT	12	m=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 half tone.

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (Data2)
		UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE/CC	MIDI Data (Data 1) (English scale)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
BROWSER	B1	ROTARY SELECTOR	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				
			press		1/2/3/4	NOTE	65	F4	9n	41	hh				OFF=0x00, ON=0x7F	
				+SHIFT	1/2/3/4	NOTE	66	F#4	9n	42	hh				OFF=0x00, ON=0x7F	
	B2	BACK	press		1/2/3/4	NOTE	101	F7	96	65	hh				OFF=0x00, ON=0x7F	
				+SHIFT	1/2/3/4	NOTE	102	F#7	96	66	hh				OFF=0x00, ON=0x7F	
	B3-L B3-R	LOAD	press		deck1 selected on left deck	7	NOTE	70	A#4	96	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				+SHIFT		7	NOTE	88	E6	96	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			press		deck2 selected on right deck	7	NOTE	71	B4	96	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				+SHIFT		7	NOTE	89	F6	96	59	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			press		deck3 selected on left deck	7	NOTE	72	C5	96	48	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				+SHIFT		7	NOTE	96	C7	96	60	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			press		deck4 selected on right deck	7	NOTE	73	C#5	96	49	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				+SHIFT		7	NOTE	97	C#7	96	61	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	B4	TAG TRACK	press			7	NOTE	103	G7	96	67	hh				OFF=0x00, ON=0x7F
				+SHIFT		7	NOTE	104	G#7	96	68	hh				OFF=0x00, ON=0x7F

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (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)	
DECK	D1-L D1-R	PLAY/PAUSE	press			1/2/3/4	NOTE	11	B-1	9n	0B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT	<i>in Remix deck for TRAKTOR</i>	3/4	NOTE	14	D0	9n	0E	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D2-L D2-R	CUE	press			1/2/3/4	NOTE	71	B4	9n	47	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	72	C5	9n	48	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D3-L D3-R	JOG (Platter)	rotate		<i>Vinyl On</i>	1/2/3/4	CC	34	-	Bn	22	hh				Difference count value from when previous operated When turned clockwise: Increases from 0x41
				+SHIFT	<i>Vinyl Off</i>	1/2/3/4	CC	35	-	Bn	23	hh				When turned counterclockwise: Decreases from 0x3F
			touch			1/2/3/4	NOTE	54	F#3	9n	36	hh				OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	103	G7	9n	67	hh				OFF=0x00, ON=0x7F
		JOG (Wheel side)	rotate			1/2/3/4	CC	33	-	Bn	21	hh				Difference count value from when previous operated When turned clockwise: Increases from 0x41
				+SHIFT		1/2/3/4	CC	38	-	Bn	26	hh				When turned counterclockwise: Decreases from 0x3F
	D29-L D29-R	JOG INDICATOR	-										9n	70	hh	0x01-0x7F : lit in color specified in color number.
	D4-L D4-R	TEMPO	slide			1/2/3/4	CC	0 32	-	Bn	00 20	MSB LSB	-	-	-	Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) "." side : Min(MSB:0x00 LSB:0x00) "+" side : Max(MSB:0x7F LSB:0x7F)
				+SHIFT		1/2/3/4	CC	5 37	-	Bn	05 25	MSB LSB	-	-	-	
	D5-L D5-R	MASTER TEMPO	press			1/2/3/4	NOTE	26	D1	9n	1A	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	96	C7	9n	60	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D6-L D6-R	NEEDLE SEARCH	touch			1/2/3/4	CC	3	-	Bn	03	hh	-	-	-	OFF = 0x00, ON = 0x00 - 0x7F 0x00 at left edge, 0x7F at right edge
						1/2/3/4	NOTE	67	G4	9n	43	hh				OFF=0x00, ON=0x7F
						1/2/3/4	CC	40	-	Bn	28	hh	-	-	-	OFF = 0x00, ON = 0x00 - 0x7F 0x00 at left edge, 0x7F at right edge
				+SHIFT		1/2/3/4	NOTE	68	G#4	9n	44	hh	-	-	-	OFF=0x00, ON=0x7F
	D9-L D9-R	SYNC	press			1/2/3/4	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	92	G#6	9n	5C	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D10-L D10-R	AUTO BEAT LOOP	press			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
	D11-L D11-R	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	97	C#7	9n	61	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D12-L D12-R	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	98	D7	9n	62	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D13-L D13-R	LOOP IN	press			1/2/3/4	NOTE	16	E0	9n	10	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	76	E5	9n	4C	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D14-L D14-R	LOOP OUT	press			1/2/3/4	NOTE	69	A4	9n	45	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
	D16-L D16-R	SLIP REVERSE	press			1/2/3/4	NOTE	21	A0	9n	15	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	56	G#3	9n	38	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D19-L D19-R	SLIP	press			1/2/3/4	NOTE	64	E4	9n	40	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	23	B0	9n	17	hh	9n	0D	hh	OFF=0x00, ON=0x7F
	D20-L D20-R	GRID ADJUST	press			1/2/3/4	NOTE	121	C#9	9n	79	hh				OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	100	E7	9n	64	hh				OFF=0x00, ON=0x7F
	D21-L D21-R	GRID SLIDE	press			1/2/3/4	NOTE	10	A#-1	9n	0A	hh				OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	101	F7	9n	65	hh				OFF=0x00, ON=0x7F
	D22-L D22-R	SHIFT	press			1/2/3/4	NOTE	63	D#4	9n	3F	hh				
	D28-L D28-R	LOAD SEQUENCE	press			1/2/3/4	NOTE	57	A3	9n	39	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	53	F3	9n	35	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D25-L D25-R	SEQUENCER OVERDUB	press			1/2/3/4	NOTE	74	D5	9n	4A	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	90	F#6	9n	5A	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D26-L D26-R	SEQUENCER START	press			1/2/3/4	NOTE	75	D#5	9n	4B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	91	G6	9n	5B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D27-L D27-R	CAPTURE	Press			1/2/3/4	NOTE	73	C#5	9n	49	hh				OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	89	F6	9n	59	hh				OFF=0x00, ON=0x7F

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (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)	
MIXER	M1	CROSSFADER	slide	+SHIFT		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
	M2-1 M2-2 M2-3 M2-4	CH FADER	slide			1/2/3/4	CC	19 51	-	Bn	13 33	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) Min at bottom end, Max at top end
				+SHIFT												
	M1 M2-1 M2-2 M2-3 M2-4	CROSS FADER / CH Fader (Fader Start)	slide	+SHIFT	<i>Zero → not Zero</i>	1/2/3/4	NOTE	102	F#7	9n	66	hh				PLAY message only for CH fader start OFF=0x00, ON=0x7F
				+SHIFT	<i>Not Zero → Zero</i>	1/2/3/4	NOTE	82	A#6	9n	52	hh				CUE message only for CH fader start OFF=0x00, ON=0x7F
	M3-1 M3-2 M3-3	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
				+SHIFT												
	M4-1 M4-2 M4-3	EQ 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
				+SHIFT												
	M5-1 M5-2 M5-3	EQ 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
				+SHIFT												
	M6-1 M6-2 M6-3	EQ 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
				+SHIFT												
	M7-1 M7-2	CUE (Headphone)	press			1/2/3/4	NOTE	84	C6	9n	54	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				+SHIFT		1/2/3/4	NOTE	104	G#7	9n	68	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	M8	MASTER LEVEL	rotate			7	CC	8 40	-	B6	08 28	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
	M10	BOOTH LEVEL	rotate			7	CC	9 41	-	B6	09 29	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
	M12	MASTER LEVEL	-													without MIDI-control
	M13-1 M13-2	CH LEVEL	-										Bn	02	hh	Use when "PC MIX" switch is on.
	M14	HEADPHONES MIXING	rotate			7	CC	12 44	-	B6	0C 2C	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
	M15	HEADPHONES VOL	rotate			7	CC	13 45	-	B6	0D 2D	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
	F10-1 F10-2	LINE/PHONO SW	slide		<i>Switch to each one</i>	7	NOTE	63	D#4	96	3F	hh				Select INPUT to PHONO : 0x00 Select INPUT to LINE : 0x7F
	F11-1 F11-2	INPUT SELECT	slide		<i>Switch to DECK1/DECK2</i>	1/2/3/4	NOTE	85	C#6	9n	55	7F				OFF=0x00, ON=0x7F
						1/2/3/4	NOTE	86/87	D6/D#6	9n	56/57	0				OFF=0x00, ON=0x7F
					<i>Switch to DECK3/DECK4</i>	1/2/3/4	NOTE	86	D6	9n	56	7F				OFF=0x00, ON=0x7F
						1/2/3/4	NOTE	85/87	C#6/D#6	9n	55/57	0				OFF=0x00, ON=0x7F
					<i>Switch to LINE/PHONO</i>	1/2/3/4	NOTE	87	D#6	9n	57	7F				OFF=0x00, ON=0x7F
						1/2/3/4	NOTE	85/86	C#6/D6	9n	55/56	0				OFF=0x00, ON=0x7F
	F13	PC MIX	slide		<i>Switch to each one</i>	7	NOTE	62	D4	96	3E	hh				OFF=0x00, ON=0x7F

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (Data2)
		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)	
EFFECT	E1-L	FX1-1	rotate			5	CC	2 34	-	B4	02 22	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
				+SHIFT	5	CC	18 50	-	B4	12 32	MSB LSB				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F	
	E1-R	FX2-1	rotate			6	CC	2 34	-	B5	02 22	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
				+SHIFT	6	CC	18 50	-	B5	12 32	MSB LSB				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F	
	E2-L	FX1-2	rotate			5	CC	4 36	-	B4	04 24	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
				+SHIFT	5	CC	20 52	-	B4	14 34	MSB LSB				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F	
	E2-R	FX2-2	rotate			6	CC	4 36	-	B5	04 24	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
				+SHIFT	6	CC	20 52	-	B5	14 34	MSB LSB				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F	
	E3-L	FX1-3	rotate			5	CC	6 38	-	B4	06 26	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
				+SHIFT	5	CC	22 54	-	B4	16 36	MSB LSB				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F	
	E3-R	FX2-3	rotate			6	CC	6 38	-	B5	06 26	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
				+SHIFT	6	CC	22 54	-	B5	16 36	MSB LSB				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F	
	E4-L	FX1 RELEASE FX	rotate			5	CC	0	-	B4	00	hh				Difference count value from when previous operated Turn clockwise: 0x01 - 0x1E(max) (1~30clicks/40msec)
				+SHIFT	5	CC	16	-	B4	10	hh				Turn counterclockwise: 0x7F - 0x62(max) (1~30clicks/40msec)	
			press		5	NOTE	67	G4	94	43	hh				OFF=0x00, ON=0x7F	
				+SHIFT	5	NOTE	64	E4	94	40	hh				OFF=0x00, ON=0x7F	
	E4-R	FX2 RELEASE FX	rotate			6	CC	0	-	B5	00	hh				Difference count value from when previous operated Turn clockwise: 0x01 - 0x1E(max) (1~30clicks/40msec)
				+SHIFT	6	CC	16	-	B5	10	hh				Turn counterclockwise: 0x7F - 0x62(max) (1~30clicks/40msec)	
			press		6	NOTE	67	G4	95	43	hh				OFF=0x00, ON=0x7F	
				+SHIFT	6	NOTE	64	E4	95	40	hh				OFF=0x00, ON=0x7F	
	E5-L	FX1-1 ON	press			5	NOTE	71	B4	94	47	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E5-R	FX2-1 ON		+SHIFT	5	NOTE	99	D#7	94	63	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
	E6-L	FX1-2 ON	press			6	NOTE	71	B4	95	47	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	
	E6-R	FX2-2 ON				5	NOTE	72	C5	94	48	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	
	E7-L	FX1-3 ON				6	NOTE	72	C5	95	48	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	
	E7-R	FX2-3 ON				5	NOTE	73	C#5	94	49	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	
	E11-1	Filter Parameter	rotate		deck1 selected on left deck	7	CC	23 55	-	B6	17 37	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
					deck3 selected on left deck	7	CC	25 57	-	B6	19 39	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
					deck2 selected on right deck	7	CC	24 56	-	B6	18 38	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
					deck4 selected on right deck	7	CC	26 58	-	B6	1A 3A	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	E23-L	FX1 BEAT DOWN	press			5	NOTE	74	D5	94	4A	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E23-R	FX2 BEAT DOWN		+SHIFT	5	NOTE	102	F#7	94	66	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
					6	NOTE	74	D5	95	4A	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
	E24-L	FX1 BEAT UP		+SHIFT	6	NOTE	102	F#7	95	66	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
					5	NOTE	75	D#5	94	4B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
	E24-R	FX2 BEAT UP		+SHIFT	5	NOTE	107	B7	94	6B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
					6	NOTE	75	D#5	95	4B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
				+SHIFT	6	NOTE	107	B7	95	6B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (Data2)
		UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE/CC	MIDI Data (Data 1) (English scale)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
MULTI FUNCTION	S1-L S1-R	PERFORMANCE PAD 1	press		in HOT CUE mode	8/9/10/11	NOTE	0	C-1	9p	00	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	8	G#-1	9p	08	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX1 mode	8/9/10/11	NOTE	16	E0	9p	10	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	24	C1	9p	18	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER mode	8/9/10/11	NOTE	32	G#1	9p	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	40	E2	9p	28	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SAMPLER mode	8/9/10/11	NOTE	48	C3	9p	30	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	56	G#3	9p	38	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in BEAT JUMP mode	8/9/10/11	NOTE	64	E4	9p	40	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	72	C5	9p	48	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX2 mode	8/9/10/11	NOTE	80	G#5	9p	50	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	88	E6	9p	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER LOOP mode	8/9/10/11	NOTE	96	C7	9p	60	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	104	G#7	9p	68	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SEQUENCE CALL mode	8/9/10/11	NOTE	112	E8	9p	70	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	120	C9	9p	78	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	S2-L S2-R	PERFORMANCE PAD 2	press		in HOT CUE mode	8/9/10/11	NOTE	1	C#-1	9p	01	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	9	A-1	9p	09	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX1 mode	8/9/10/11	NOTE	17	F0	9p	11	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	25	C#1	9p	19	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER mode	8/9/10/11	NOTE	33	A1	9p	21	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	41	F2	9p	29	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SAMPLER mode	8/9/10/11	NOTE	49	C#3	9p	31	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	57	A3	9p	39	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in BEAT JUMP mode	8/9/10/11	NOTE	65	F4	9p	41	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	73	C#5	9p	49	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX2 mode	8/9/10/11	NOTE	81	A5	9p	51	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	89	F6	9p	59	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER LOOP mode	8/9/10/11	NOTE	97	C#7	9p	61	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	105	A7	9p	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SEQUENCE CALL mode	8/9/10/11	NOTE	113	F8	9p	71	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	121	C#9	9p	79	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	S3-L S3-R	PERFORMANCE PAD 3	press		in HOT CUE mode	8/9/10/11	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX1 mode	8/9/10/11	NOTE	18	F#0	9p	12	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	26	D1	9p	1A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER mode	8/9/10/11	NOTE	34	A#1	9p	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	42	F#2	9p	2A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SAMPLER mode	8/9/10/11	NOTE	50	D3	9p	32	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	58	A#3	9p	3A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in BEAT JUMP mode	8/9/10/11	NOTE	66	F#4	9p	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	74	D5	9p	4A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX2 mode	8/9/10/11	NOTE	82	A#5	9p	52	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	90	F#6	9p	5A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER LOOP mode	8/9/10/11	NOTE	98	D7	9p	62	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	106	A#7	9p	6A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SEQUENCE CALL mode	8/9/10/11	NOTE	114	F#8	9p	72	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	122	D9	9p	7A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (Data2)
		UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE/CC	MIDI Data (Data 1) (Dec)	MIDI Data (Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	S4-L S4-R	PERFORMANCE PAD 4	press		in HOT CUE mode	8/9/10/11	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX1 mode	8/9/10/11	NOTE	19	G0	9p	13	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	27	D#1	9p	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER mode	8/9/10/11	NOTE	35	B1	9p	23	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	43	G2	9p	2B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SAMPLER mode	8/9/10/11	NOTE	51	D#3	9p	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	59	B3	9p	3B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in BEAT JUMP mode	8/9/10/11	NOTE	67	G4	9p	43	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	75	D#5	9p	4B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX2 mode	8/9/10/11	NOTE	83	B5	9p	53	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	91	G6	9p	5B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	S5-L S5-R	PERFORMANCE PAD 5	press		in HOT CUE mode	8/9/10/11	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX1 mode	8/9/10/11	NOTE	20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	28	E1	9p	1C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER mode	8/9/10/11	NOTE	36	C2	9p	24	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SAMPLER mode	8/9/10/11	NOTE	52	E3	9p	34	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	60	C4	9p	3C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in BEAT JUMP mode	8/9/10/11	NOTE	68	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	76	E5	9p	4C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX2 mode	8/9/10/11	NOTE	84	C6	9p	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	S6-L S6-R	PERFORMANCE PAD 6	press		in SLICER LOOP mode	8/9/10/11	NOTE	100	E7	9p	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	108	C8	9p	6C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SEQUENCE CALL mode	8/9/10/11	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	124	E9	9p	7C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in HOT CUE mode	8/9/10/11	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in PAD FX1 mode	8/9/10/11	NOTE	21	A0	9p	15	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	29	F1	9p	1D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SLICER mode	8/9/10/11	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					in SAMPLER mode	8/9/10/11	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)		
				+SHIFT		8/9/10/11	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
		in BEAT JUMP mode	8/9/10/11	NOTE	69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
	+SHIFT		8/9/10/11	NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		in PAD FX2 mode	8/9/10/11	NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
	+SHIFT		8/9/10/11	NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		in SLICER LOOP mode	8/9/10/11	NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
	+SHIFT		8/9/10/11	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		in SEQUENCE CALL mode	8/9/10/11	NOTE	117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
	+SHIFT		8/9/10/11	NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					

Group	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (Data2)			
		UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE/CC	MIDI Data (Data 1) (Dec)	MIDI Data (Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)				
S7-L S7-R	PERFORMANCE PAD 7	press		in HOT CUE mode	8/9/10/11	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)						
			+SHIFT	8/9/10/11	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F							
				in PAD FX1 mode	8/9/10/11	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)						
			+SHIFT	8/9/10/11	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F							
				in SLICER mode	8/9/10/11	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)						
			+SHIFT	8/9/10/11	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F							
				in SAMPLER mode	8/9/10/11	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)						
			+SHIFT	8/9/10/11	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F							
				in BEAT JUMP mode	8/9/10/11	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)						
			+SHIFT	8/9/10/11	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F							
				in PAD FX2 mode	8/9/10/11	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)						
			+SHIFT	8/9/10/11	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F							
			in SLICER LOOP mode	8/9/10/11	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)							
		+SHIFT	8/9/10/11	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F								
			in SEQUENCE CALL mode	8/9/10/11	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)							
		+SHIFT	8/9/10/11	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F								
		S8-L S8-R	PERFORMANCE PAD 8	press		in HOT CUE mode	8/9/10/11	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)				
					+SHIFT	8/9/10/11	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
						in PAD FX1 mode	8/9/10/11	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)				
					+SHIFT	8/9/10/11	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
						in SLICER mode	8/9/10/11	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)				
					+SHIFT	8/9/10/11	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
						in SAMPLER mode	8/9/10/11	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)				
					+SHIFT	8/9/10/11	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
					in BEAT JUMP mode	8/9/10/11	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
	+SHIFT				8/9/10/11	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
					in PAD FX2 mode	8/9/10/11	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
	+SHIFT				8/9/10/11	NOTE	95	B6	9p	5F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
		in SLICER LOOP mode	8/9/10/11	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)								
	+SHIFT	8/9/10/11	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F									
		in SEQUENCE CALL mode	8/9/10/11	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)								
	+SHIFT	8/9/10/11	NOTE	127	G9	9p	7F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F									
	S9-L S9-R	HOT CUE	press			1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
			+SHIFT			1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN						
	S10-L S10-R	PAD FX1	press			1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN						
			+SHIFT			1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN						
	S11-L S11-R	SLICER	press			1/2/3/4	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN						
			+SHIFT			1/2/3/4	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN						
	S12-L S12-R	SAMPLER	press			1/2/3/4	NOTE	34	A#1	9n	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI OUT : lit in color specified in color number. (1-64) 0FF=0x00 (dimmer)					
			+SHIFT			1/2/3/4	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN						
	S13-L S13-R	PARAMETER 1 (LEFT)	press		in HOT CUE mode	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		
					in PAD FX1 mode	1/2/3/4	NOTE	37	C#2	9n	25	hh	← Same as MIDI-IN				OFF=0x00, ON=0x7F		
				+SHIFT		1/2/3/4	NOTE	2	D-1	9n	02	hh	← Same as MIDI-IN				OFF=0x00, ON=0x7F		
					in SLICER mode	1/2/3/4	NOTE	38	D2	9n	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
				+SHIFT		1/2/3/4	NOTE	3	D#-1	9n	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
					in SAMPLER mode	1/2/3/4	NOTE	39	D#2	9n	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
				+SHIFT		1/2/3/4	NOTE	4	E-1	9n	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
					in BEAT JUMP mode	1/2/3/4	NOTE	40	E2	9n	28	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
				+SHIFT		1/2/3/4	NOTE	5	F-1	9n	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
					in PAD FX2 mode	1/2/3/4	NOTE	41	F2	9n	29	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
				+SHIFT		1/2/3/4	NOTE	6	F#-1	9n	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		in SLICER LOOP mode	1/2/3/4	NOTE	42	F#2	9n	2A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F								
	+SHIFT		1/2/3/4	NOTE	7	G-1	9n	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F								
		in CALL SEQUENCE mode	1/2/3/4	NOTE	43	G2	9n	2B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F								
	+SHIFT		1/2/3/4	NOTE	8	G#-1	9n	08	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F								
S14-L S14-R	PARAMETER 1 (RIGHT)	press		in HOT CUE mode	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						
				in PAD FX1 mode	1/2/3/4	NOTE	45	A2	9n	2D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
			+SHIFT		1/2/3/4	NOTE	122	D9	9n	7A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
				in SLICER mode	1/2/3/4	NOTE	46	A#2	9n	2E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
			+SHIFT		1/2/3/4	NOTE	123	D#9	9n	7B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
				in SAMPLER mode	1/2/3/4	NOTE	47	B2	9n	2F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
			+SHIFT		1/2/3/4	NOTE	124	E9	9n	7C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
				in BEAT JUMP mode	1/2/3/4	NOTE	48	C3	9n	30	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
			+SHIFT		1/2/3/4	NOTE	125	F9	9n	7D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
				in PAD FX2 mode	1/2/3/4	NOTE	49	C#3	9n	31	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
			+SHIFT		1/2/3/4	NOTE	126	F#9	9n	7E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
	in SLICER LOOP mode	1/2/3/4	NOTE	50	D3	9n	32	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F									
+SHIFT		1/2/3/4	NOTE	127	G9	9n	7F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F									
	in CALL SEQUENCE mode	1/2/3/4	NOTE	51	D#3	9n	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F									
+SHIFT		1/2/3/4	NOTE	0	C-1	9n	00	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F									
S17	SAMPLER VOLUME	rotate			7	CC	3 35	-	B6	03 23	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)				
			+SHIFT		7	CC	105	-	B6	69	hh				0x00~0x7F When turned fully counterclockwise: 0x00 When turned fully clockwise: 0x7F				
	S18	SYNC	press			7	NOTE	100	E7	96	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		+SHIFT			7	NOTE	109	C#8	96	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
S19	CUE	press			7	NOTE	105	A7	96	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
			+SHIFT		7	NOTE	110	D8	96	6E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F						
The others	T2	PANEL	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			



MIDI-OUT

Group	Communication name	Function	MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Detail (Data2)
			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)		(Dec)	(English scale)							
Illumination Control	Loaded (Deck 1)	Trigger for Load illumination	12	NOTE	0	C-1				9B	00	hh	OFF=0x00, ON=0x7F
	Loaded (Deck 2)		12	NOTE	1	C#-1				9B	01	hh	OFF=0x00, ON=0x7F
	Loaded (Deck 3)		12	NOTE	2	D-1				9B	02	hh	OFF=0x00, ON=0x7F
	Loaded (Deck 4)		12	NOTE	3	D#-1				9B	03	hh	OFF=0x00, ON=0x7F
Other	DJ App. Connect		12	NOTE	9	A-1				9B	09	hh	connected = 0x00~0x7F(any value)