

DDJ-FLX10

List of MIDI message



[MIDI channel assignment]
MIDI channel is defined as shown below.
0x9* : Note
0xB* : Control Change (CC)

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 use this reference depending on the notation of your MIDI compatible software.

NOTE is a MIDI term used for pressing and releasing keys on a piano or keyboard.
CC is an abbreviation for control change.
Control change is a type of MIDI signal used to convey various control information such as sound quality and volume.
English scale uses alphabetical letters of C, D, E, F, G, A and B as well as # to indicate halftone.

Channel Category	MIDI Channel	Channel No. (Hex)
DECK 1 (other than PERFORMANCE PADS)	1	n=0
DECK 2 (other than PERFORMANCE PADS)	2	n=1
DECK 3 (other than PERFORMANCE PADS)	3	n=2
DECK 4 (other than PERFORMANCE PADS)	4	n=3
EFFECT	5	m=4
(No Use)	6	m=5
BROWSER	7	m=6
DECK 1 PERFORMANCE PADS (without SHIFT)	8	p=7
DECK 1 PERFORMANCE PADS (with SHIFT)	9	p=8
DECK 2 PERFORMANCE PADS (without SHIFT)	10	p=9
DECK 2 PERFORMANCE PADS (with SHIFT)	11	p=A
DECK 3 PERFORMANCE PADS (without SHIFT)	12	p=B
DECK 3 PERFORMANCE PADS (with SHIFT)	13	p=C
DECK 4 PERFORMANCE PADS (without SHIFT)	14	p=D
DECK 4 PERFORMANCE PADS (with SHIFT)	15	p=E
MIDI-OUT communication	16	m=F

Group	Fig.	User Interface				MIDI assign reference ¹				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
BROWSER	B1	BROWSE		rotate	-	7	CC	64	-	B6	40	hh	-	-	-	Difference count value from previous operated Turn clockwise : 1 ~ 30 (0x01 ~ 0x1E) Turn counterclockwise : 127 ~ 98 (0x7F ~ 0x62)
			+SHIFT			7	CC	100	-	B6	64	hh	-	-	-	
				press	deck1 selected on left deck	7	NOTE	70	A#4	96	46	hh	-	-	-	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT			7	NOTE	93	A6	96	5D	hh	-	-	-	
				press	deck2 selected on right deck	7	NOTE	71	B4	96	47	hh	-	-	-	
			+SHIFT			7	NOTE	109	C#8	96	6D	hh	-	-	-	
	B2	BACK		press	deck3 selected on left deck	7	NOTE	72	C5	96	48	hh	-	-	-	
			+SHIFT			7	NOTE	94	A#6	96	5E	hh	-	-	-	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
				press	deck4 selected on right deck	7	NOTE	73	C#5	96	49	hh	-	-	-	
			+SHIFT			7	NOTE	111	D#8	96	6F	hh	-	-	-	
				press		7	NOTE	101	F7	96	65	hh	-	-	-	
			+SHIFT			7	NOTE	102	F#7	96	66	hh	-	-	-	
B3	VIEW	VIEW		press		7	NOTE	122	D9	96	7A	hh	-	-	-	OFF=0x00, ON=0x7F
				long press		7	NOTE	103	G7	96	67	hh	-	-	-	OFF=0x00, ON=0x7F
			+SHIFT	press		7	NOTE	104	G#7	96	68	hh	-	-	-	OFF=0x00, ON=0x7F

Group	Fig.	User Interface				MIDI assign reference 1			MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)		
		UI name	+SHIFT	Trigger	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)			
DECK	*All the MIDI data assigned on the right deck are the same as those on the left deck shown below.																
	D1	PLAY/PAUSE	+SHIFT	press	-	1/2/3/4	NOTE	11	B-1	9n	0B	hh	9n	0B	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	71	B4	9n	47	hh	9n	47	hh	OFF=0x00, ON=0x7F	
	D2	CUE	+SHIFT	press	-	1/2/3/4	NOTE	12	C0	9n	0C	hh	9n	0C	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	72	C5	9n	48	hh	9n	48	hh	OFF=0x00, ON=0x7F	
	D3	JOG (Platter)		rotate	Vinyl On	1/2/3/4	CC	34	-	Bn	22	hh	-	-	-	Difference count value from previous operated Turn clockwise : Increases from 65 (0x41) Turn counterclockwise : Decreases from 63 (0x3F)	
					Vinyl Off	1/2/3/4	CC	35	-	Bn	23	hh	-	-	-		
			+ 4 BEAT JUMP		-	1/2/3/4	CC	41	-	Bn	29	hh	-	-	-		
			+SHIFT		-	1/2/3/4	CC	31	-	Bn	1F	hh	-	-	-		
		JOG (Wheel Side)	+SHIFT	touch	-	1/2/3/4	NOTE	54	F#3	9n	36	hh	-	-	-	OFF=0x00, ON=0x7F	
					-	1/2/3/4	NOTE	103	G7	9n	67	hh	-	-	-	OFF=0x00, ON=0x7F	
	D4	TEMPO	+SHIFT	rotate	-	1/2/3/4	CC	33	-	Bn	21	hh	-	-	-	Difference count value from previous operated Turn clockwise : Increases from 65 (0x41) Turn counterclockwise : Decreases from 63 (0x3F)	
						1/2/3/4	CC	38	-	Bn	26	hh	-	-	-		
	D5	DECK SELECT 3/1		press	DECK 1	3	NOTE	114	F#8	92	72	hh	-	-	-	OFF=0x00, ON=0x7F	
						1	NOTE	60	C4	90	3C	7F	-	-	-	Deck 1 control On	
						3	NOTE	60	C4	92	3C	00	-	-	-	Deck 3 control Off	
			+SHIFT			7	NOTE	124	E9	96	7C	hh	-	-	-	OFF=0x00, ON=0x7F	
			+SHIFT	press	DECK 3	3	NOTE	114	F#8	92	72	hh	-	-	-	OFF=0x00, ON=0x7F	
						1	NOTE	60	C4	90	3C	00	-	-	-	Deck 1 control Off	
		3				NOTE	60	C4	92	3C	7F	-	-	-	Deck 3 control On		
		DECK SELECT 2/4	+SHIFT	press	DECK 2	7	NOTE	124	E9	96	7C	hh	-	-	-	OFF=0x00, ON=0x7F	
						4	NOTE	114	F#8	93	72	hh	-	-	-	OFF=0x00, ON=0x7F	
						2	NOTE	60	C4	91	3C	7F	-	-	-	Deck 2 control On	
			+SHIFT	press	DECK 4	4	NOTE	60	C4	93	3C	00	-	-	-	Deck 4 control Off	
						7	NOTE	125	F9	96	7D	hh	-	-	-	OFF=0x00, ON=0x7F	
						4	NOTE	114	F#8	93	72	hh	-	-	-	OFF=0x00, ON=0x7F	
	D6	BEAT SYNC	+SHIFT	press	-	1/2/3/4	NOTE	88	E6	9n	58	hh	9n	58	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	120	C9	9n	78	hh	9n	78	hh	OFF=0x00, ON=0x7F	
	D7	TEMPO RESET	+SHIFT	press	-	1/2/3/4	NOTE	92	G#6	9n	5C	hh	9n	5C	hh	OFF=0x00, ON=0x7F	
	D8	KEY SYNC	+SHIFT	press	-	1/2/3/4	NOTE	65	F4	9n	41	hh	9n	41	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	96	C7	9n	60	hh	9n	60	hh	OFF=0x00, ON=0x7F	
	D9	ACTIVE PART DRUMS	+SHIFT	press twice	-	1/2/3/4	NOTE	101	F7	9n	65	hh	9n	65	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	26	D1	9n	1A	hh	9n	1A	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	100	E7	9n	64	hh	9n	64	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	13	C#0	9n	0D	hh	9n	0D	hh	OFF=0x00, ON=0x7F	
	D10	ACTIVE PART VOCAL	+SHIFT	press twice	-	7	NOTE	36	C2	96	24	hh	96	24	hh	OFF=0x00, ON=0x7F	
						7	NOTE	37	C#2	96	25	hh	96	25	hh	OFF=0x00, ON=0x7F	
						7	NOTE	38	D2	96	26	hh	96	26	hh	OFF=0x00, ON=0x7F	
						7	NOTE	39	D#2	96	27	hh	96	27	hh	OFF=0x00, ON=0x7F	
	D11	ACTIVE PART INST	+SHIFT	press twice	-	1/2/3/4	NOTE	14	D0	9n	0E	hh	9n	0E	hh	OFF=0x00, ON=0x7F	
						7	NOTE	40	E2	96	28	hh	96	28	hh	OFF=0x00, ON=0x7F	
						7	NOTE	41	F2	96	29	hh	96	29	hh	OFF=0x00, ON=0x7F	
						7	NOTE	42	F#2	96	2A	hh	96	2A	hh	OFF=0x00, ON=0x7F	
	D12	CUE/LOOP CALL ◀	+SHIFT	press	-	7	NOTE	43	G2	96	2B	hh	96	2B	hh	OFF=0x00, ON=0x7F	
						1/2/3/4	NOTE	15	D#0	9n	0F	hh	9n	0F	hh	OFF=0x00, ON=0x7F	
						7	NOTE	44	G#2	96	2C	hh	96	2C	hh	OFF=0x00, ON=0x7F	
						7	NOTE	45	A2	96	2D	hh	96	2D	hh	OFF=0x00, ON=0x7F	
	D13	CUE/LOOP CALL ▶	+SHIFT	press	-	1/2/3/4	NOTE	46	A#2	96	2E	hh	96	2E	hh	OFF=0x00, ON=0x7F	
	D14	LOOP IN · 1/2X	+SHIFT	press	-	1/2/3/4	NOTE	47	B2	96	2F	hh	96	2F	hh	OFF=0x00, ON=0x7F	
	D15	LOOP OUT · 2X	+SHIFT	press	-	1/2/3/4	NOTE	81	A5	9n	51	hh	-	-	-	OFF=0x00, ON=0x7F	
	D16	4 BEAT / EXIT	+SHIFT	press	-	1/2/3/4	NOTE	61	C#4	9n	3D	hh	-	-	-	OFF=0x00, ON=0x7F	
	D17	MIX POINT SELECT ◀	+SHIFT	press	-	1/2/3/4	NOTE	83	B5	9n	53	hh	-	-	-	OFF=0x00, ON=0x7F	
	D18	MIX POINT SELECT ▶	+SHIFT	press	-	1/2/3/4	NOTE	62	D4	9n	3E	hh	-	-	-	OFF=0x00, ON=0x7F	
	D19	MIX POINT LINK	+SHIFT	press	-	1/2/3/4	NOTE	82	D4	9n	3E	hh	-	-	-	OFF=0x00, ON=0x7F	
	D20	SLIP REVERSE	+SHIFT	press	-	1/2/3/4	NOTE	16	E0	9n	10	hh	9n	10	hh	OFF=0x00, ON=0x7F	
	D21	QUANTIZE	+SHIFT	press	-	1/2/3/4	NOTE	76	E5	9n	4C	hh	9n	4C	hh	OFF=0x00, ON=0x7F	
	D22	SLIP	+SHIFT	press	-	1/2/3/4	NOTE	17	F0	9n	11	hh	9n	11	hh	OFF=0x00, ON=0x7F	
	D23	4 BEAT JUMP ◀	+SHIFT	press	-	1/2/3/4	NOTE	77	F5	9n	4D	hh	9n	4D	hh	OFF=0x00, ON=0x7F	
	D24	4 BEAT JUMP ▶	+SHIFT	press	-	1/2/3/4	NOTE	20	G#0	9n	14	hh	9n	14	hh	OFF=0x00, ON=0x7F	
	D25	SHIFT	-	press	-	1/2/3/4	NOTE	80	G#5	9n	50	hh	9n	50	hh	OFF=0x00, ON=0x7F	
	MIXER	M1	CROSSFADER		slide	-	7	CC	31	-	B6	1F	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) Min at left side, Max at right side
		M2	CH FADER		slide	-	1/2/3/4	CC	19	-	Bn	13	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) Min at bottom end, Max at top end
		M1	CROSSFADER / CH FADER (FADER START)	+SHIFT	slide	Zero → not Zero	1/2/3/4	NOTE	102	F#7	9n	66	hh	-	-	-	PLAY message only for CH fader start (OFF=0x00, ON=0x7F)
		M2				Zero → not Zero	1/2/3/4	NOTE	93	A6	9n	5D	hh	-	-	-	SYNC message only for CH fader start (OFF=0x00, ON=0x7F)
						Not Zero → Zero	1/2/3/4	NOTE	82	A#5	9n	52	hh	-	-	-	CUE message only for CH fader start (OFF=0x00, ON=0x7F)
		M3	TRIM		rotate	-	1/2/3/4	CC	4	-	Bn	04	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
		M4	EQ HI		rotate	-	1/2/3/4	CC	36	-	Bn	24	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
M5		EQ MID		rotate	-	1/2/3/4	CC	7	-	Bn	07	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
M6		EQ LOW		rotate	-	1/2/3/4	CC	11	-	Bn	0B	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
M7		CH CUE	+SHIFT	press	-	1/2/3/4	NOTE	15	-	Bn	0F	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
M8		MASTER LEVEL		rotate	-	1/2/3/4	NOTE	84	C6	9n	54	hh	9n	54	hh	OFF=0x00, ON=0x7F	
M9		MASTER CUE	+SHIFT	press	-	1/2/3/4	NOTE	57	A3	9n	39	hh	9n	39	hh	OFF=0x00, ON=0x7F	
M10		BOOTH LEVEL		rotate	-	7	CC	8	-	B6	08	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)	
M11		CROSSFADER ASSIGN		slide	Switch to A	1	NOTE	22	A#0	9n	16	7F	-	-	-		
						1	NOTE	24	C1	9n	18	00	-	-	-		
						1	NOTE	29	F1	9n	1D	00	-	-	-		
	1					NOTE	22	A#0	9n	16	00	-	-	-			
	1					NOTE	24	C1	9n	18	00	-	-	-			
	1					NOTE	29	F1	9n	1D	7F	-	-	-			
M12	HEADPHONES MIX		rotate	-	1	NOTE	22	A#0	9n	16	00	-	-	-			
					1	NOTE	24	C1	9n	18	00	-	-	-			
					1	NOTE	29	F1	9n	1D	00	-	-	-			
M13	HEADPHONES LEVEL		rotate	-	7	CC	12	-	B6	0C	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)		
M14	MIC EQ HI		rotate	-	7	CC	13	-	B6	0D	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)		
M15	MIC EQ LOW		rotate	-	7	CC	45	-	B6	2D	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)		
M16	LINE/PHONO (CH 3/CH 4)		slide	-	3/4	NOTE	7	-	B6	07	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max		

Group	Fig.	User Interface				MIDI assign reference 1				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
		UI name	+SHIFT	Trigger	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)	
	M17	INPUT SELECT		slide	Switch to PC-A	1/2/3/4	NOTE	85	C#6	9n	55	7F	-	-	-	
						1/2/3/4	NOTE	86	D6	9n	56	00	-	-	-	
						1/2/3/4	NOTE	87	D#6	9n	57	00	-	-	-	
					Switch to LINE, or PHONO/LINE	1/2/3/4	NOTE	85	C#6	9n	55	00	-	-	-	
						1/2/3/4	NOTE	86	D6	9n	56	7F	-	-	-	
						1/2/3/4	NOTE	87	D#6	9n	57	00	-	-	-	
	M18	MIC OFF/ON/TALKOVER		slide	Switch to OFF	1/2/3/4	NOTE	85	C#6	9n	55	00	-	-	-	
						1/2/3/4	NOTE	86	D6	9n	56	00	-	-	-	
						1/2/3/4	NOTE	87	D#6	9n	57	7F	-	-	-	
					Switch to PC-B	1/2/3/4	NOTE	85	C#6	9n	55	00	-	-	-	
						1/2/3/4	NOTE	86	D6	9n	56	00	-	-	-	
						1/2/3/4	NOTE	87	D#6	9n	57	7F	-	-	-	
	M19	SAMPLER CUE	+SHIFT	press	-	7	NOTE	106	A#7	96	6A	7F	-	-	-	
						7	NOTE	107	B7	96	6B	00	-	-	-	
						7	NOTE	108	C8	96	6C	00	-	-	-	
						7	NOTE	106	A#7	96	6A	00	-	-	-	
						7	NOTE	107	B7	96	6B	7F	-	-	-	
						7	NOTE	108	C8	96	6C	00	-	-	-	
	M20	SAMPLER VOL		rotate	-	7	CC	3	-	B6	03	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	M21	MASTER LEVEL METER		-	-	-	-	-	-	-	-	-	-	-	-	without MIDI-control
	M22	CH LEVEL METER		-	-	1/2/3/4	NOTE	-	-	-	-	-	Bn	02	hh	Use when INPUT Selector is "PC-A" or "PC-B"
EFFECT	F1	COLOR (CH 1)	-	rotate	-	7	CC	23	-	B6	17	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
		COLOR (CH 2)	-	rotate	-	7	CC	24	-	B6	18	MSB LSB	-	-	-	
		COLOR (CH 3)	-	rotate	-	7	CC	25	-	B6	19	MSB LSB	-	-	-	
		COLOR (CH 4)	-	rotate	-	7	CC	26	-	B6	1A	MSB LSB	-	-	-	
	F2	SOUND COLOR FX SPACE	+SHIFT	press	-	7	NOTE	0	C-1	96	00	hh	96	00	hh	OFF=0x00, ON=0x7F
	F3	SOUND COLOR FX D.ECHO	+SHIFT	press	-	7	NOTE	8	G#-1	96	08	hh	96	08	hh	OFF=0x00, ON=0x7F
						7	NOTE	1	C#-1	96	01	hh	96	01	hh	OFF=0x00, ON=0x7F
	F4	SOUND COLOR FX CRUSH	+SHIFT	press	-	7	NOTE	9	A-1	96	09	hh	96	09	hh	OFF=0x00, ON=0x7F
						7	NOTE	2	D-1	96	02	hh	96	02	hh	OFF=0x00, ON=0x7F
	F5	SOUND COLOR FX PITCH	+SHIFT	press	-	7	NOTE	10	A#-1	96	0A	hh	96	0A	hh	OFF=0x00, ON=0x7F
						7	NOTE	3	D#-1	96	03	hh	96	03	hh	OFF=0x00, ON=0x7F
	F6	SOUND COLOR FX NOISE	+SHIFT	press	-	7	NOTE	11	B-1	96	0B	hh	96	0B	hh	OFF=0x00, ON=0x7F
						7	NOTE	4	E-1	96	04	hh	96	04	hh	OFF=0x00, ON=0x7F
	F7	SOUND COLOR FX FILTER	+SHIFT	press	-	7	NOTE	12	C0	96	0C	hh	96	0C	hh	OFF=0x00, ON=0x7F
						7	NOTE	5	F-1	96	05	hh	96	05	hh	OFF=0x00, ON=0x7F
	F8	FX PART SELECT VOCAL	+SHIFT	press	-	7	NOTE	13	C#0	96	0D	hh	96	0D	hh	OFF=0x00, ON=0x7F
						7	NOTE	27	D#1	96	1B	hh	96	1B	hh	OFF=0x00, ON=0x7F
	F9	FX PART SELECT DRUMS	+SHIFT	press	-	7	NOTE	30	F#1	96	1E	hh	96	1E	hh	OFF=0x00, ON=0x7F
						7	NOTE	28	E1	96	1C	hh	96	1C	hh	OFF=0x00, ON=0x7F
	F10	FX PART SELECT INST	+SHIFT	press	-	7	NOTE	31	G1	96	1F	hh	96	1F	hh	OFF=0x00, ON=0x7F
						7	NOTE	29	F1	96	1D	hh	96	1D	hh	OFF=0x00, ON=0x7F
	F11	BEAT ◀	+SHIFT	press	-	5	NOTE	74	D5	94	4A	hh	-	-	-	OFF=0x00, ON=0x7F
						5	NOTE	102	F#7	94	66	hh	-	-	-	OFF=0x00, ON=0x7F
	F12	BEAT ▶	+SHIFT	press	-	5	NOTE	75	D#5	94	4B	hh	-	-	-	OFF=0x00, ON=0x7F
						5	NOTE	107	B7	94	6B	hh	-	-	-	OFF=0x00, ON=0x7F
	F13	BEAT FX SELECT (LOW CUT ECHO)		rotate	-	5	NOTE	32	G#1	94	20	MSB LSB	-	-	-	OFF=0x00, ON=0x7F
		BEAT FX SELECT (ECHO)		rotate	-	5	NOTE	33	A1	94	21	MSB LSB	-	-	-	OFF=0x00, ON=0x8F
		BEAT FX SELECT (MT DELAY)		rotate	-	5	NOTE	34	A#1	94	22	MSB LSB	-	-	-	OFF=0x00, ON=0x9F
		BEAT FX SELECT (SPIRAL)		rotate	-	5	NOTE	35	B1	94	23	MSB LSB	-	-	-	OFF=0x00, ON=0x10F
		BEAT FX SELECT (REVERB)		rotate	-	5	NOTE	36	C2	94	24	MSB LSB	-	-	-	OFF=0x00, ON=0x11F
		BEAT FX SELECT (TRANS)		rotate	-	5	NOTE	37	C#2	94	25	MSB LSB	-	-	-	OFF=0x00, ON=0x12F
		BEAT FX SELECT (ENIGMA JET)		rotate	-	5	NOTE	38	D2	94	26	MSB LSB	-	-	-	OFF=0x00, ON=0x13F
		BEAT FX SELECT (FLANGER)		rotate	-	5	NOTE	39	D#2	94	27	MSB LSB	-	-	-	OFF=0x00, ON=0x14F
		BEAT FX SELECT (PHASER)		rotate	-	5	NOTE	40	E2	94	28	MSB LSB	-	-	-	OFF=0x00, ON=0x15F
		BEAT FX SELECT (STRETCH)		rotate	-	5	NOTE	41	F2	94	29	MSB LSB	-	-	-	OFF=0x00, ON=0x16F
		BEAT FX SELECT (SLIP ROLL)		rotate	-	5	NOTE	42	F#2	94	2A	MSB LSB	-	-	-	OFF=0x00, ON=0x17F
		BEAT FX SELECT (ROLL)		rotate	-	5	NOTE	43	G2	94	2B	MSB LSB	-	-	-	OFF=0x00, ON=0x18F
		BEAT FX SELECT (MOBIUS SAW)		rotate	-	5	NOTE	44	G#2	94	2C	MSB LSB	-	-	-	OFF=0x00, ON=0x19F
		BEAT FX SELECT (MOBIUS TRI)		rotate	-	5	NOTE	45	A2	94	2D	MSB LSB	-	-	-	OFF=0x00, ON=0x20F
		BEAT FX CH SELECT (CH 1)		rotate	-	5	NOTE	16	E0	94	10	MSB LSB	-	-	-	OFF=0x00, ON=0x21F
	F14	BEAT FX CH SELECT (CH 2)		rotate	-	5	NOTE	17	F0	94	11	MSB LSB	-	-	-	OFF=0x00, ON=0x22F
		BEAT FX CH SELECT (CH 3)		rotate	-	5	NOTE	18	F#0	94	12	MSB LSB	-	-	-	OFF=0x00, ON=0x23F
		BEAT FX CH SELECT (CH 4)		rotate	-	5	NOTE	19	G0	94	13	MSB LSB	-	-	-	OFF=0x00, ON=0x24F
		BEAT FX CH SELECT (MASTER)		rotate	-	5	NOTE	20	G#0	94	14	MSB LSB	-	-	-	OFF=0x00, ON=0x25F
		BEAT FX CH SELECT (MIC)		rotate	-	5	NOTE	21	A0	94	15	MSB LSB	-	-	-	OFF=0x00, ON=0x26F
		BEAT FX CH SELECT (SAMPLER)		rotate	-	5	NOTE	22	A#0	94	16	MSB LSB	-	-	-	OFF=0x00, ON=0x27F
	F15	LEVEL/DEPTH		rotate	-	5	CC	2	-	B4	02	MSB LSB	-	-	-	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	F16	BEAT FX ON/OFF	+SHIFT	press	-	5	NOTE	71	B4	94	47	hh	94	47	hh	OFF=0x00, ON=0x7F
						5	NOTE	67	G4	94	43	hh	94	43	hh	OFF=0x00, ON=0x7F

Group	Fig.	User Interface				MIDI assign reference 1				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
		UI name	+SHIFT	Trigger	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)	
PAD	P1	PAD 1		press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	0	C-1	9p	00	hh	9p	00	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	0	C-1	9p	00	hh	9p	00	hh	OFF=0x00, ON=0x7F	
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	8	G#-1	9p	08	hh	9p	08	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	8	G#-1	9p	08	hh	9p	08	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	16	E0	9p	10	hh	9p	10	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	16	E0	9p	10	hh	9p	10	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	24	C1	9p	18	hh	9p	18	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	24	C1	9p	18	hh	9p	18	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	32	G#1	9p	20	hh	9p	20	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	32	G#1	9p	20	hh	9p	20	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE2)	8/10/12/14	NOTE	40	E2	9p	28	hh	9p	28	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	40	E2	9p	28	hh	9p	28	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE1)	8/10/12/14	NOTE	48	C3	9p	30	hh	9p	30	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	48	C3	9p	30	hh	9p	30	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE2)	8/10/12/14	NOTE	56	G#3	9p	38	hh	9p	38	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	56	G#3	9p	38	hh	9p	38	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE1)	8/10/12/14	NOTE	64	E4	9p	40	hh	9p	40	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	64	E4	9p	40	hh	9p	40	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE2)	8/10/12/14	NOTE	72	C5	9p	48	hh	9p	48	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	72	C5	9p	48	hh	9p	48	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE1)	8/10/12/14	NOTE	80	G#5	9p	50	hh	9p	50	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	80	G#5	9p	50	hh	9p	50	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE2)	8/10/12/14	NOTE	88	E6	9p	58	hh	9p	58	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	88	E6	9p	58	hh	9p	58	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE1)	8/10/12/14	NOTE	96	C7	9p	60	hh	9p	60	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	96	C7	9p	60	hh	9p	60	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE2)	8/10/12/14	NOTE	104	G#7	9p	68	hh	9p	68	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	104	G#7	9p	68	hh	9p	68	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE1)	8/10/12/14	NOTE	112	E8	9p	70	hh	9p	70	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	112	E8	9p	70	hh	9p	70	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE2)	8/10/12/14	NOTE	120	C9	9p	78	hh	9p	78	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	120	C9	9p	78	hh	9p	78	hh	OFF=0x00, ON=0x7F	
	P2	PAD 2		press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	1	C#-1	9p	01	hh	9p	01	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	1	C#-1	9p	01	hh	9p	01	hh	OFF=0x00, ON=0x7F	
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	9	A-1	9p	09	hh	9p	09	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	9	A-1	9p	09	hh	9p	09	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	17	F0	9p	11	hh	9p	11	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	17	F0	9p	11	hh	9p	11	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	25	C#1	9p	19	hh	9p	19	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	25	C#1	9p	19	hh	9p	19	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	33	A1	9p	21	hh	9p	21	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	33	A1	9p	21	hh	9p	21	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE2)	8/10/12/14	NOTE	41	F2	9p	29	hh	9p	29	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	41	F2	9p	29	hh	9p	29	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE1)	8/10/12/14	NOTE	49	C#3	9p	31	hh	9p	31	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	49	C#3	9p	31	hh	9p	31	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE2)	8/10/12/14	NOTE	57	A3	9p	39	hh	9p	39	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	57	A3	9p	39	hh	9p	39	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE1)	8/10/12/14	NOTE	65	F4	9p	41	hh	9p	41	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	65	F4	9p	41	hh	9p	41	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE2)	8/10/12/14	NOTE	73	C#5	9p	49	hh	9p	49	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	73	C#5	9p	49	hh	9p	49	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE1)	8/10/12/14	NOTE	81	A5	9p	51	hh	9p	51	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	81	A5	9p	51	hh	9p	51	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE2)	8/10/12/14	NOTE	89	F6	9p	59	hh	9p	59	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	89	F6	9p	59	hh	9p	59	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE1)	8/10/12/14	NOTE	97	C#7	9p	61	hh	9p	61	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	97	C#7	9p	61	hh	9p	61	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE2)	8/10/12/14	NOTE	105	A7	9p	69	hh	9p	69	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	105	A7	9p	69	hh	9p	69	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE1)	8/10/12/14	NOTE	113	F8	9p	71	hh	9p	71	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	113	F8	9p	71	hh	9p	71	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE2)	8/10/12/14	NOTE	121	C#9	9p	79	hh	9p	79	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	121	C#9	9p	79	hh	9p	79	hh	OFF=0x00, ON=0x7F	
	P3	PAD 3		press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	2	D-1	9p	02	hh	9p	02	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	2	D-1	9p	02	hh	9p	02	hh	OFF=0x00, ON=0x7F	
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	10	A#-1	9p	0A	hh	9p	0A	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	10	A#-1	9p	0A	hh	9p	0A	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	18	F#0	9p	12	hh	9p	12	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	18	F#0	9p	12	hh	9p	12	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	26	D1	9p	1A	hh	9p	1A	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT		9/11/13/15	NOTE	26	D1	9p	1A	hh	9p	1A	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	34	A#1	9p	22	hh	9p	22	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
+SHIFT			9/11/13/15		NOTE	34	A#1	9p	22	hh	9p	22	hh	OFF=0x00, ON=0x7F		
			BEAT JUMP mode (PAGE2)		8/10/12/14	NOTE	42	F#2	9p	2A	hh	9p	2A	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
+SHIFT			9/11/13/15		NOTE	42	F#2	9p	2A	hh	9p	2A	hh	OFF=0x00, ON=0x7F		
			SAMPLER mode (PAGE1)		8/10/12/14	NOTE	50	D3	9p	32	hh	9p	32	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
+SHIFT			9/11/13/15		NOTE	50	D3	9p	32	hh	9p	32	hh	OFF=0x00, ON=0x7F		
			SAMPLER mode (PAGE2)		8/10/12/14	NOTE	58	A#3	9p	3A	hh	9p	3A	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
+SHIFT			9/11/13/15		NOTE	58	A#3	9p	3A	hh	9p	3A	hh	OFF=0x00, ON=0x7F		
			KEYBOARD mode (PAGE1)		8/10/12/14	NOTE	66	F#4	9p	42	hh	9p	42	hh	OFF=0x00, ON=0x7F 	

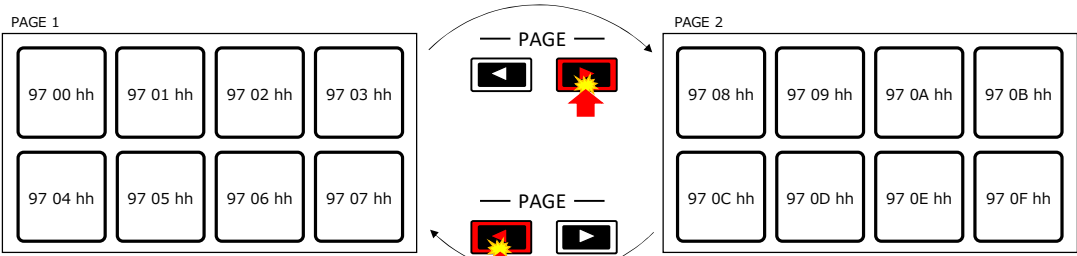
Group	Fig.	User Interface				MIDI assign reference 1				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
								(Dec)	(English scale)							
	P4	PAD 4		press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	3	D#-1	9p	03	hh	9p	03	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	3	D#-1	9p	03	hh	9p	03	hh	OFF=0x00, ON=0x7F
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	11	B-1	9p	0B	hh	9p	0B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	11	B-1	9p	0B	hh	9p	0B	hh	OFF=0x00, ON=0x7F
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	19	G0	9p	13	hh	9p	13	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	19	G0	9p	13	hh	9p	13	hh	OFF=0x00, ON=0x7F
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	27	D#1	9p	1B	hh	9p	1B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	27	D#1	9p	1B	hh	9p	1B	hh	OFF=0x00, ON=0x7F
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	35	B1	9p	23	hh	9p	23	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	35	B1	9p	23	hh	9p	23	hh	OFF=0x00, ON=0x7F
					BEAT JUMP mode (PAGE2)	8/10/12/14	NOTE	43	G2	9p	2B	hh	9p	2B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	43	G2	9p	2B	hh	9p	2B	hh	OFF=0x00, ON=0x7F
					SAMPLER mode (PAGE1)	8/10/12/14	NOTE	51	D#3	9p	33	hh	9p	33	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	51	D#3	9p	33	hh	9p	33	hh	OFF=0x00, ON=0x7F
					SAMPLER mode (PAGE2)	8/10/12/14	NOTE	59	B3	9p	3B	hh	9p	3B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	59	B3	9p	3B	hh	9p	3B	hh	OFF=0x00, ON=0x7F
					KEYBOARD mode (PAGE1)	8/10/12/14	NOTE	67	G4	9p	43	hh	9p	43	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	67	G4	9p	43	hh	9p	43	hh	OFF=0x00, ON=0x7F
					KEYBOARD mode (PAGE2)	8/10/12/14	NOTE	75	D#5	9p	4B	hh	9p	4B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	75	D#5	9p	4B	hh	9p	4B	hh	OFF=0x00, ON=0x7F
					PAD FX 2 mode (PAGE1)	8/10/12/14	NOTE	83	B5	9p	53	hh	9p	53	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	83	B5	9p	53	hh	9p	53	hh	OFF=0x00, ON=0x7F
					PAD FX 2 mode (PAGE2)	8/10/12/14	NOTE	91	G6	9p	5B	hh	9p	5B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	91	G6	9p	5B	hh	9p	5B	hh	OFF=0x00, ON=0x7F
					BEAT LOOP mode (PAGE1)	8/10/12/14	NOTE	99	D#7	9p	63	hh	9p	63	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	99	D#7	9p	63	hh	9p	63	hh	OFF=0x00, ON=0x7F
					BEAT LOOP mode (PAGE2)	8/10/12/14	NOTE	107	B7	9p	6B	hh	9p	6B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	107	B7	9p	6B	hh	9p	6B	hh	OFF=0x00, ON=0x7F
					KEY SHIFT mode (PAGE1)	8/10/12/14	NOTE	115	G8	9p	73	hh	9p	73	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	115	G8	9p	73	hh	9p	73	hh	OFF=0x00, ON=0x7F
					KEY SHIFT mode (PAGE2)	8/10/12/14	NOTE	123	D#9	9p	7B	hh	9p	7B	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	123	D#9	9p	7B	hh	9p	7B	hh	OFF=0x00, ON=0x7F
	P5	PAD 5		press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	4	E-1	9p	04	hh	9p	04	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	4	E-1	9p	04	hh	9p	04	hh	OFF=0x00, ON=0x7F
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	12	C0	9p	0C	hh	9p	0C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	12	C0	9p	0C	hh	9p	0C	hh	OFF=0x00, ON=0x7F
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	20	G#0	9p	14	hh	9p	14	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	20	G#0	9p	14	hh	9p	14	hh	OFF=0x00, ON=0x7F
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	28	E1	9p	1C	hh	9p	1C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	28	E1	9p	1C	hh	9p	1C	hh	OFF=0x00, ON=0x7F
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	36	C2	9p	24	hh	9p	24	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	36	C2	9p	24	hh	9p	24	hh	OFF=0x00, ON=0x7F
					BEAT JUMP mode (PAGE2)	8/10/12/14	NOTE	44	G#2	9p	2C	hh	9p	2C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	44	G#2	9p	2C	hh	9p	2C	hh	OFF=0x00, ON=0x7F
					SAMPLER mode (PAGE1)	8/10/12/14	NOTE	52	E3	9p	34	hh	9p	34	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	52	E3	9p	34	hh	9p	34	hh	OFF=0x00, ON=0x7F
					SAMPLER mode (PAGE2)	8/10/12/14	NOTE	60	C4	9p	3C	hh	9p	3C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	60	C4	9p	3C	hh	9p	3C	hh	OFF=0x00, ON=0x7F
					KEYBOARD mode (PAGE1)	8/10/12/14	NOTE	68	G#4	9p	44	hh	9p	44	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	68	G#4	9p	44	hh	9p	44	hh	OFF=0x00, ON=0x7F
					KEYBOARD mode (PAGE2)	8/10/12/14	NOTE	76	E5	9p	4C	hh	9p	4C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	76	E5	9p	4C	hh	9p	4C	hh	OFF=0x00, ON=0x7F
					PAD FX 2 mode (PAGE1)	8/10/12/14	NOTE	84	C6	9p	54	hh	9p	54	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	84	C6	9p	54	hh	9p	54	hh	OFF=0x00, ON=0x7F
					PAD FX 2 mode (PAGE2)	8/10/12/14	NOTE	92	G#6	9p	5C	hh	9p	5C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	92	G#6	9p	5C	hh	9p	5C	hh	OFF=0x00, ON=0x7F
					BEAT LOOP mode (PAGE1)	8/10/12/14	NOTE	100	E7	9p	64	hh	9p	64	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	100	E7	9p	64	hh	9p	64	hh	OFF=0x00, ON=0x7F
					BEAT LOOP mode (PAGE2)	8/10/12/14	NOTE	108	C8	9p	6C	hh	9p	6C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	108	C8	9p	6C	hh	9p	6C	hh	OFF=0x00, ON=0x7F
					KEY SHIFT mode (PAGE1)	8/10/12/14	NOTE	116	G#8	9p	74	hh	9p	74	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	116	G#8	9p	74	hh	9p	74	hh	OFF=0x00, ON=0x7F
					KEY SHIFT mode (PAGE2)	8/10/12/14	NOTE	124	E9	9p	7C	hh	9p	7C	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	124	E9	9p	7C	hh	9p	7C	hh	OFF=0x00, ON=0x7F
	P6	PAD 6		press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	5	F-1	9p	05	hh	9p	05	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	5	F-1	9p	05	hh	9p	05	hh	OFF=0x00, ON=0x7F
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	13	C#0	9p	0D	hh	9p	0D	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	13	C#0	9p	0D	hh	9p	0D	hh	OFF=0x00, ON=0x7F
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	21	A0	9p	15	hh	9p	15	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	21	A0	9p	15	hh	9p	15	hh	OFF=0x00, ON=0x7F
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	29	F1	9p	1D	hh	9p	1D	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	29	F1	9p	1D	hh	9p	1D	hh	OFF=0x00, ON=0x7F
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	37	C#2	9p	25	hh	9p	25	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT			9/11/13/15	NOTE	37	C#2	9p	25	hh	9p	25	hh	OFF=0x00, ON=0x7F
			BEAT JUMP mode (PAGE2)		8/10/12/14	NOTE	45	A2	9p	2D	hh	9p	2D	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
+SHIFT					9/11/13/15	NOTE	45	A2	9p	2D	hh	9p	2D	hh	OFF=0x00, ON=0x7F	
			SAMPLER mode (PAGE1)		8/10/12/14	NOTE	53	F3	9p	35	hh	9p				

Group	Fig.	User Interface				MIDI assign reference 1				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
		UI name	+SHIFT	Trigger	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)	
	P7	PAD 7	+SHIFT	press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	6	F#-1	9p	06	hh	9p	06	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	6	F#-1	9p	06	hh	9p	06	hh	OFF=0x00, ON=0x7F	
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	14	D0	9p	0E	hh	9p	0E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	14	D0	9p	0E	hh	9p	0E	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	22	A#0	9p	16	hh	9p	16	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	22	A#0	9p	16	hh	9p	16	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	30	F#1	9p	1E	hh	9p	1E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	30	F#1	9p	1E	hh	9p	1E	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	38	D2	9p	26	hh	9p	26	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	38	D2	9p	26	hh	9p	26	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE2)	8/10/12/14	NOTE	46	A#2	9p	2E	hh	9p	2E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	46	A#2	9p	2E	hh	9p	2E	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE1)	8/10/12/14	NOTE	54	F#3	9p	36	hh	9p	36	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	54	F#3	9p	36	hh	9p	36	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE2)	8/10/12/14	NOTE	62	D4	9p	3E	hh	9p	3E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	62	D4	9p	3E	hh	9p	3E	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE1)	8/10/12/14	NOTE	70	A#4	9p	46	hh	9p	46	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	70	A#4	9p	46	hh	9p	46	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE2)	8/10/12/14	NOTE	78	F#5	9p	4E	hh	9p	4E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	78	F#5	9p	4E	hh	9p	4E	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE1)	8/10/12/14	NOTE	86	D6	9p	56	hh	9p	56	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	86	D6	9p	56	hh	9p	56	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE2)	8/10/12/14	NOTE	94	A#6	9p	5E	hh	9p	5E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	94	A#6	9p	5E	hh	9p	5E	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE1)	8/10/12/14	NOTE	102	F#7	9p	66	hh	9p	66	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	102	F#7	9p	66	hh	9p	66	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE2)	8/10/12/14	NOTE	110	D8	9p	6E	hh	9p	6E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	110	D8	9p	6E	hh	9p	6E	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE1)	8/10/12/14	NOTE	118	A#8	9p	76	hh	9p	76	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	118	A#8	9p	76	hh	9p	76	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE2)	8/10/12/14	NOTE	126	F#9	9p	7E	hh	9p	7E	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	126	F#9	9p	7E	hh	9p	7E	hh	OFF=0x00, ON=0x7F	
	P8	PAD 8	+SHIFT	press	HOT CUE mode (PAGE1)	8/10/12/14	NOTE	7	G-1	9p	07	hh	9p	07	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	7	G-1	9p	07	hh	9p	07	hh	OFF=0x00, ON=0x7F	
					HOT CUE mode (PAGE2)	8/10/12/14	NOTE	15	D#0	9p	0F	hh	9p	0F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	15	D#0	9p	0F	hh	9p	0F	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE1)	8/10/12/14	NOTE	23	B0	9p	17	hh	9p	17	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	23	B0	9p	17	hh	9p	17	hh	OFF=0x00, ON=0x7F	
					PAD FX 1 mode (PAGE2)	8/10/12/14	NOTE	31	G1	9p	1F	hh	9p	1F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	31	G1	9p	1F	hh	9p	1F	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE1)	8/10/12/14	NOTE	39	D#2	9p	27	hh	9p	27	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	39	D#2	9p	27	hh	9p	27	hh	OFF=0x00, ON=0x7F	
					BEAT JUMP mode (PAGE2)	8/10/12/14	NOTE	47	B2	9p	2F	hh	9p	2F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	47	B2	9p	2F	hh	9p	2F	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE1)	8/10/12/14	NOTE	55	G3	9p	37	hh	9p	37	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	55	G3	9p	37	hh	9p	37	hh	OFF=0x00, ON=0x7F	
					SAMPLER mode (PAGE2)	8/10/12/14	NOTE	63	D#4	9p	3F	hh	9p	3F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	63	D#4	9p	3F	hh	9p	3F	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE1)	8/10/12/14	NOTE	71	B4	9p	47	hh	9p	47	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	71	B4	9p	47	hh	9p	47	hh	OFF=0x00, ON=0x7F	
					KEYBOARD mode (PAGE2)	8/10/12/14	NOTE	79	G5	9p	4F	hh	9p	4F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	79	G5	9p	4F	hh	9p	4F	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE1)	8/10/12/14	NOTE	87	D#6	9p	57	hh	9p	57	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	87	D#6	9p	57	hh	9p	57	hh	OFF=0x00, ON=0x7F	
					PAD FX 2 mode (PAGE2)	8/10/12/14	NOTE	95	B6	9p	5F	hh	9p	5F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	95	B6	9p	5F	hh	9p	5F	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE1)	8/10/12/14	NOTE	103	G7	9p	67	hh	9p	67	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	103	G7	9p	67	hh	9p	67	hh	OFF=0x00, ON=0x7F	
					BEAT LOOP mode (PAGE2)	8/10/12/14	NOTE	111	D#8	9p	6F	hh	9p	6F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	111	D#8	9p	6F	hh	9p	6F	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE1)	8/10/12/14	NOTE	119	B8	9p	77	hh	9p	77	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	119	B8	9p	77	hh	9p	77	hh	OFF=0x00, ON=0x7F	
					KEY SHIFT mode (PAGE2)	8/10/12/14	NOTE	127	G9	9p	7F	hh	9p	7F	hh	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
					9/11/13/15	NOTE	127	G9	9p	7F	hh	9p	7F	hh	OFF=0x00, ON=0x7F	
P9	HOT CUE MODE	+SHIFT	press	-	1/2/3/4	NOTE	27	D#1	9n	1B	hh	9n	1B	hh	OFF=0x00, ON=0x7F	
P10	PAD FX 1 MODE		long press		1/2/3/4	NOTE	75	D#5	9n	4B	hh	9n	4B	hh	OFF=0x00, ON=0x7F	
			press		1/2/3/4	NOTE	105	A7	9n	69	hh	9n	69	hh	OFF=0x00, ON=0x7F	
P11	BEAT JUMP MODE	+SHIFT	press	-	1/2/3/4	NOTE	30	F#1	9n	1E	hh	9n	1E	hh	OFF=0x00, ON=0x7F	
P12	SAMPLER MODE				1/2/3/4	NOTE	107	B7	9n	6B	hh	9n	6B	hh	OFF=0x00, ON=0x7F	
		1/2/3/4	NOTE	32	G#1	9n	20	hh	9n	20	hh	OFF=0x00, ON=0x7F				
		+SHIFT	press	-	1/2/3/4	NOTE	109	C#8	9n	6D	hh	9n	6D	hh	OFF=0x00, ON=0x7F	
					1/2/3/4	NOTE	34	A#1	9n	22	hh	9n	22	hh	OFF=0x00, ON=0x7F	
		+SHIFT	press	-	1/2/3/4	NOTE	111	D#8	9n	6F	hh	9n	6F	hh	OFF=0x00, ON=0x7F	
					1/2/3/4	NOTE	36	C2	9n	24	hh	9n	24	hh	OFF=0x00, ON=0x7F	
P13	PAGE ◀ (*1)	+SHIFT	press	HOT CUE mode	1/2/3/4	NOTE	1	C#-1	9n	01	hh	9n	01	hh	OFF=0x00, ON=0x7F	
				PAD FX 1 mode	1/2/3/4	NOTE	37	C#2	9n	25	hh	9n	25	hh	OFF=0x00, ON=0x7F	
				1/2/3/4	NOTE	2	D-1	9n	02	hh	9n	02	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	38	D2	9n	26	hh	9n	26	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	3	D#-1	9n	03	hh	9n	03	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	39	D#2	9n	27	hh	9n	27	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	4	E-1	9n	04	hh	9n	04	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	40	E2	9n	28	hh	9n	28	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	5	F-1	9n	05	hh	9n	05	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	41	F2	9n	29	hh	9n	29	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	6	F#-1	9n	06	hh	9n	06	hh	OFF=0x00, ON=0x7F		
				1/2/3/4	NOTE	42	F#2	9n	2A	hh	9n	2A	hh	OFF=		

Group	Communication name	Function	MIDI assign reference 1				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
			MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
Illumination Control	DIGITAL MARKER (DECK 1)	for JOG display (*2)	16	CC	-	-	-	-	-	BF	10 30	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x02, LSB : 0x67) 0 ~ 359 [degree]
	DIGITAL MARKER (DECK 2)		16	CC	-	-	-	-	-	BF	11 31	MSB LSB	
	DIGITAL MARKER (DECK 3)		16	CC	-	-	-	-	-	BF	12 32	MSB LSB	
	DIGITAL MARKER (DECK 4)		16	CC	-	-	-	-	-	BF	13 33	MSB LSB	
	BPM (DECK 1)		16	CC	-	-	-	-	-	BF	14 34	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x4E, LSB : 0x0F) BPM : 0.0 ~ 999.9
	BPM (DECK 2)		16	CC	-	-	-	-	-	BF	15 35	MSB LSB	
	BPM (DECK 3)		16	CC	-	-	-	-	-	BF	16 36	MSB LSB	
	BPM (DECK 4)		16	CC	-	-	-	-	-	BF	17 37	MSB LSB	
	Playing speed (DECK 1)		16	CC	-	-	-	-	-	BF	18 38	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x4E, LSB : 0x0F) Playing speed : - 100.0% ~ + 100.0%
	Playing speed (DECK 2)		16	CC	-	-	-	-	-	BF	19 39	MSB LSB	
	Playing speed (DECK 3)		16	CC	-	-	-	-	-	BF	1A 3A	MSB LSB	
	Playing speed (DECK 4)		16	CC	-	-	-	-	-	BF	1B 3B	MSB LSB	
	Time (minutes) (DECK 1)		16	CC	-	-	-	-	-	BF	42	hh	0x00 - 0x63 (0~99)
	Time (minutes) (DECK 2)		16	CC	-	-	-	-	-	BF	44	hh	
	Time (minutes) (DECK 3)		16	CC	-	-	-	-	-	BF	46	hh	
	Time (minutes) (DECK 4)		16	CC	-	-	-	-	-	BF	48	hh	
	Time (seconds) (DECK 1)		16	CC	-	-	-	-	-	BF	43	hh	0x00 - 0x63 (0~99)
	Time (seconds) (DECK 2)		16	CC	-	-	-	-	-	BF	45	hh	
	Time (seconds) (DECK 3)		16	CC	-	-	-	-	-	BF	47	hh	
	Time (seconds) (DECK 4)		16	CC	-	-	-	-	-	BF	49	hh	
	Time mode (DECK 1)		16	NOTE	20	G#0	-	-	-	9F	14	hh	Elapsed : 0x00 Remaining : 0x7F
	Time mode (DECK 2)		16	NOTE	21	A0	-	-	-	9F	15	hh	
	Time mode (DECK 3)		16	NOTE	22	A#0	-	-	-	9F	16	hh	
	Time mode (DECK 4)		16	NOTE	23	B0	-	-	-	9F	17	hh	
	Cue point (DECK 1)		16	CC	-	-	-	-	-	BF	1C 3C	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x02, LSB : 0x67) 0 ~ 359 [degree] Hide Cue point : (MSB:0x7F, LSB:0x7F)
	Cue point (DECK 2)		16	CC	-	-	-	-	-	BF	1D 3D	MSB LSB	
	Cue point (DECK 3)		16	CC	-	-	-	-	-	BF	1E 3E	MSB LSB	
	Cue point (DECK 4)		16	CC	-	-	-	-	-	BF	1F 3F	MSB LSB	
	Key		1/2/3/4	CC	-	-	-	-	-	Bn	49	hh	0x00~0x18 (*3)
	Key change amount		1/2/3/4	CC	-	-	-	-	-	Bn	4A	hh	0x01-0x0C (-12 ~ -1), 0x0D(0), 0x0E~0x19 (+1 ~ +12)
	Key display format		1/2/3/4	NOTE	91	G6	-	-	-	9F	5B	hh	Classic=0x00, Camelot=0x7F (*3)
	Master tempo (DECK 1)		16	NOTE	32	G#1	-	-	-	9F	20	hh	OFF=0x00, ON=0x7F
	Master tempo (DECK 2)		16	NOTE	33	A1	-	-	-	9F	21	hh	
	Master tempo (DECK 3)		16	NOTE	34	A#1	-	-	-	9F	22	hh	
	Master tempo (DECK 4)		16	NOTE	35	B1	-	-	-	9F	23	hh	
	MASTER (Beat Sync) (DECK 1)		16	NOTE	24	C1	-	-	-	9F	18	hh	OFF=0x00, ON=0x7F
	MASTER (Beat Sync) (DECK 2)		16	NOTE	25	C#1	-	-	-	9F	19	hh	
	MASTER (Beat Sync) (DECK 3)		16	NOTE	26	D1	-	-	-	9F	1A	hh	
	MASTER (Beat Sync) (DECK 4)		16	NOTE	27	D#1	-	-	-	9F	1B	hh	
	SYNC (Beat Sync) (DECK 1)		16	NOTE	28	E1	-	-	-	9F	1C	hh	OFF=0x00, ON=0x7F
	SYNC (Beat Sync) (DECK 2)		16	NOTE	29	F1	-	-	-	9F	1D	hh	
	SYNC (Beat Sync) (DECK 3)		16	NOTE	30	F#1	-	-	-	9F	1E	hh	
	SYNC (Beat Sync) (DECK 4)		16	NOTE	31	G1	-	-	-	9F	1F	hh	
	Jog ring illumination (DECK 1)		16	NOTE	9	A-1	-	-	-	BF	09	hh	OFF=0x00, WHITE=0x01
	Jog ring illumination (DECK 2)		16	NOTE	10	A#-1	-	-	-	BF	0A	hh	
	Jog ring illumination (DECK 3)		16	NOTE	11	B-1	-	-	-	BF	0B	hh	
	Jog ring illumination (DECK 4)		16	NOTE	12	C0	-	-	-	BF	0C	hh	
	Display/hide information on the jog dial display (DECK 1)		16	NOTE	93	A6	-	-	-	9F	5D	hh	Display information=0x00, Hide information=0x7F (To hide information, send 0x7F.)
	Display/hide information on the jog dial display (DECK 2)		16	NOTE	94	A#6	-	-	-	9F	5E	hh	
	Display/hide information on the jog dial display (DECK 3)		16	NOTE	95	B6	-	-	-	9F	5F	hh	
	Display/hide information on the jog dial display (DECK 4)		16	NOTE	96	C7	-	-	-	9F	60	hh	

*1 Press the [PAGE ◀] button in each pad mode to switch to PAGE 1. Press the [PAGE ▶] button in each pad mode to switch to PAGE 2.
When switching the PAGE, MIDI for the pad changes.

When switching the PAGE in [Hot Cue] mode on DECK1



*2 You can select information on the jog dial display section.

*3 Displayed KEY information data are as follows.

Data 2 (Dec)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Data 2 (Hex)	0x00	0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F	0x10	0x11	0x12	0x13	0x14	0x15	0x16	0x17	0x18
KEY (Classic)	---	C	Am	Db	Bbm	D	Bm	Eb	Cm	E	Dbm	F	Dm	F#	Ebm	G	Em	Ab	Fm	A	F#m	Bb	Gm	B	Abm
KEY (Camelot)	---	1B	1A	2B	2A	3B	3A	4B	4A	5B	5A	6B	6A	7B	7A	8B	8A	9B	9A	10B	10A	11B	11A	12B	12A