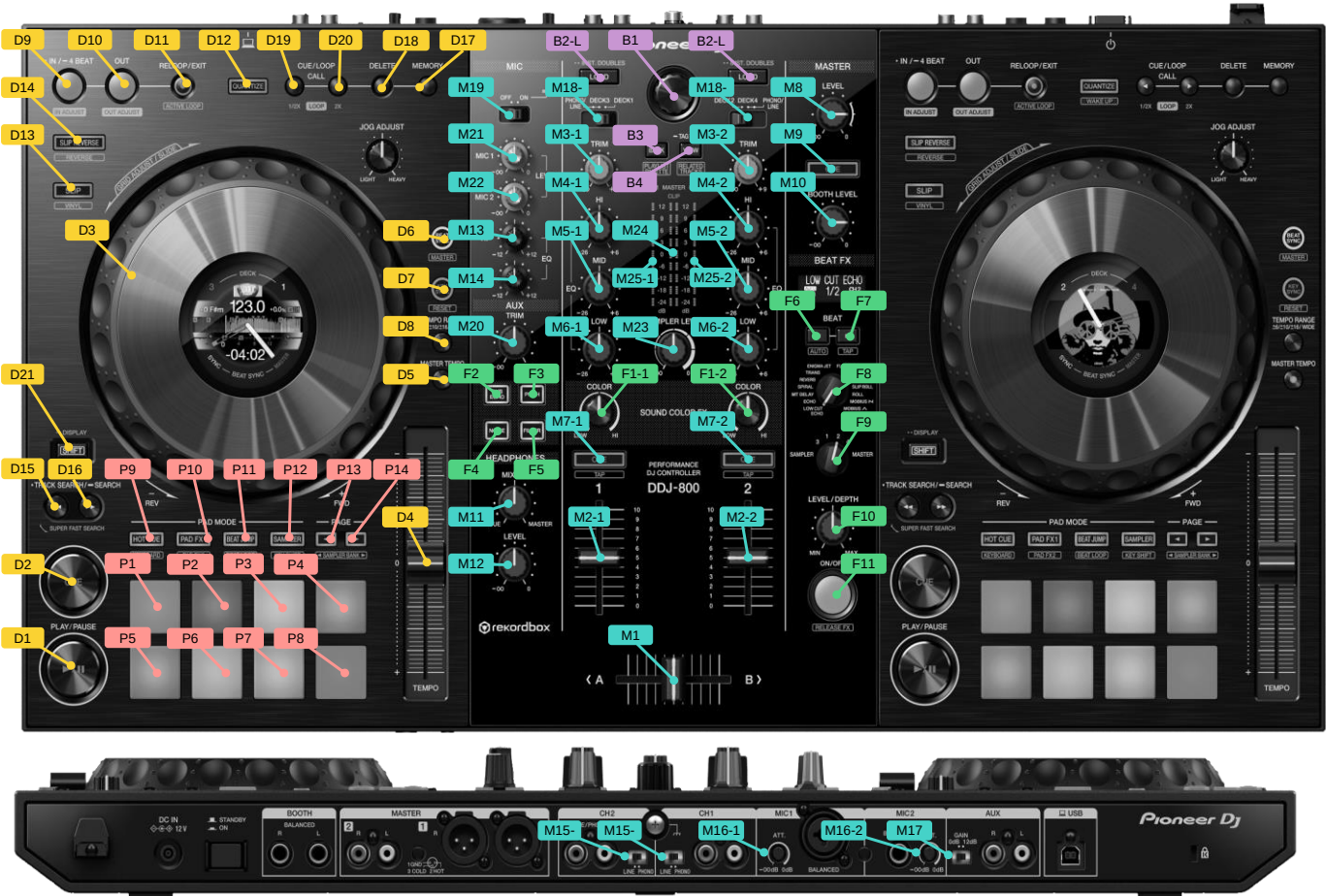




[MIDI channel assignment]
MIDI channel is defined as shown below.
0x9*: Note
0xB*: Control Change (CC)

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
EFFECT (No Use)	5	m=4
BROWSER	6	m=5
DECK 1 PERFORMANCE PAD (without SHIFT)	7	m=6
DECK 1 PERFORMANCE PAD (with SHIFT)	8	p=7
DECK 2 PERFORMANCE PAD (without SHIFT)	9	p=8
DECK 2 PERFORMANCE PAD (with SHIFT)	10	p=9
DECK 3 PERFORMANCE PAD (without SHIFT)	11	p=A
DECK 3 PERFORMANCE PAD (with SHIFT)	12	p=B
DECK 4 PERFORMANCE PAD (without SHIFT)	13	p=C
DECK 4 PERFORMANCE PAD (with SHIFT)	14	p=D
DECK 5 PERFORMANCE PAD (without SHIFT)	15	p=E

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 halfnote.

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)							
BROWSER	B1	Rotary Selector	+SHIFT	press		7	CC	64	—	B6	40	hh				Difference count value from previous operated Turn clockwise : 1 ~ 30 (0x01 ~ 0x1E) Turn counterclockwise : 127 ~ 98 (0x7F ~ 0x62) OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F 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	press		7	CC	100	—	B6	64	hh				
			+SHIFT			7	NOTE	65	F#4	96	41	hh				
	B2-L B2-R	LOAD	+SHIFT			7	NOTE	66	F#4	96	42	hh				
			+SHIFT		deck1 selected on left deck	7	NOTE	70	A#4	96	46	hh				
			+SHIFT			7	NOTE	93	A#6	96	5D	hh				
			+SHIFT		deck2 selected on right deck	7	NOTE	71	B4	96	47	hh				
			+SHIFT			7	NOTE	109	C#8	96	6D	hh				
			+SHIFT			7	NOTE	72	C5	96	48	hh				
			+SHIFT		deck3 selected on left deck	7	NOTE	94	A#6	96	5E	hh				
	B3	BACK	+SHIFT			7	NOTE	73	C#5	96	49	hh				
			+SHIFT		deck4 selected on right deck	7	NOTE	111	D#8	96	6F	hh				
	B4	VIEW	+SHIFT	press		7	NOTE	101	F7	96	65	hh				
			LONG			7	NOTE	102	F#7	96	66	hh				
			+SHIFT			7	NOTE	122	D9	96	7A	hh				
			+SHIFT			7	NOTE	103	G7	96	67	hh				
			+SHIFT			7	NOTE	104	G#7	96	68	hh				

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 left deck are the same as those on the right deck shown below.																
	D1	PLAY/PAUSE	+SHIFT	press		1/2/3/4	NOTE	11	B-1	9n	0B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D2	CUE	+SHIFT	press		1/2/3/4	NOTE	71	B4	9n	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						1/2/3/4	NOTE	12	C0	9n	0C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D3	JOG (Platter)	+SEARCH +SHIFT	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					
					1/2/3/4	CC	41	—	Bn	29	hh						
					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	slide		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	MASTER TEMPO	+SHIFT	press		1/2/3/4	CC	0	32	—	Bn	00	MSB LSB				Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) “-” side : Min (MSB:0x00 LSB:0x00) “+” side : Max (MSB:0x7F LSB:0x7F)
						1/2/3/4	CC	5	37	—	Bn	05	MSB LSB				
	D6	BEAT SYNC	+SHIFT	press		1/2/3/4	NOTE	26	D1	9n	1A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						1/2/3/4	NOTE	28	E1	9n	1C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D7	KEY SYNC	+SHIFT	press		1/2/3/4	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						1/2/3/4	NOTE	92	G#6	9n	5C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D8	TEMPO RANGE	+SHIFT	press		1/2/3/4	NOTE	101	F7	9n	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						1/2/3/4	NOTE	100	E7	9n	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D9	LOOP IN	LONG +SHIFT	press		1/2/3/4	NOTE	96	C7	9n	60	hh			OFF=0x00, ON=0x7F		
1/2/3/4						NOTE	31	G1	9n	1F	hh			OFF=0x00, ON=0x7F			
D10	LOOP OUT	+SHIFT	press		1/2/3/4	NOTE	16	E0	9n	10	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
D11	RELOOP/EXIT	+SHIFT	press		1/2/3/4	NOTE	76	E5	9n	4C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	17	F0	9n	11	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
D12	QUANTIZE	+SHIFT	press		1/2/3/4	NOTE	119	B8	9n	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	77	F5	9n	4D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
D13	SLIP	+SHIFT	press		1/2/3/4	NOTE	80	G#5	9n	50	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	53	F3	9n	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
D14	SLIP REVERSE	+SHIFT	press		1/2/3/4	NOTE	57	A3	9n	39	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	64	E4	9n	40	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
D15	SEARCH ◀◀	LONG +SHIFT	press		1/2/3/4	NOTE	23	B0	9n	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	21	A0	9n	15	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
D16	SEARCH ▶▶	LONG +SHIFT	press		1/2/3/4	NOTE	56	G#3	9n	38	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
					1/2/3/4	NOTE	94	A#6	9n	5E	hh			OFF=0x00, ON=0x7F			
D17	MEMORY	+SHIFT	press		1/2/3/4	NOTE	112	E8	9n	70	hh			OFF=0x00, ON=0x7F			
					1/2/3/4	NOTE	115	G8	9n	73	hh			OFF=0x00, ON=0x7F			
D18	DELETE	+SHIFT	press		1/2/3/4	NOTE	95	B6	9n	5F	hh			OFF=0x00, ON=0x7F			
					1/2/3/4	NOTE	113	F8	9n	71	hh			OFF=0x00, ON=0x7F			
D19	CUE/LOOP CALL ◀	+SHIFT	press		1/2/3/4	NOTE	114	F#8	9n	72	hh			OFF=0x00, ON=0x7F			
					1/2/3/4	NOTE	61	C#4	9n	3D	hh			OFF=0x00, ON=0x7F			
D20	CUE/LOOP CALL ▶	+SHIFT	press		1/2/3/4	NOTE	79	G5	9n	4F	hh			OFF=0x00, ON=0x7F			
					1/2/3/4	NOTE	62	D4	9n	3E	hh			OFF=0x00, ON=0x7F			
D21	SHIFT	+SHIFT	press		1/2/3/4	NOTE	78	F#5	9n	4E	hh			OFF=0x00, ON=0x7F			
					1/2/3/4	NOTE	81	A5	9n	51	hh			OFF=0x00, ON=0x7F			
MIXER	M1	CROSS FADER (Fader Start)	+SHIFT	slide	(A side) Zero → not Zero	7	NOTE	80	G#5	96	50	hh				(A side) PLAY message only for Cross fader start OFF=0x00, ON=0x7F	
					(B side) Zero → not Zero	7	NOTE	81	A5	96	51	hh				(B side) PLAY message only for Cross fader start OFF=0x00, ON=0x7F	
	(A side) Not Zero → Zero				7	NOTE	82	A#5	96	52	hh				(A side) CUE message only for Cross fader start OFF=0x00, ON=0x7F		
	(B side) Not Zero → Zero				7	NOTE	83	B5	96	53	hh				(B side) CUE message only for Cross fader start OFF=0x00, ON=0x7F		
	M2-1 M2-2	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 left side, Max at right side	
	M2-1 M2-2	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	
					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	
	M3-1 M3-2	GAIN (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	
	M4-1 M4-2	EQ HI		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	
	M5-1 M5-2	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	
	M6-1 M6-2	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	
	M7-1 M7-2	CUE (Headphone)	+SHIFT	press		1/2/3/4	NOTE	84	C6	9n	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						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)	
	M9	MASTER CUE	+SHIFT	press		7	NOTE	99	D#7	96	63	hh	← Same as MIDI-IN	LED are lit by itself or by MIDI-OUT			
	M10	BOOTH LEVEL		rotate		7	NOTE	98	D7	96	62	hh	← Same as MIDI-IN				
	M11	HEADPHONES MIXING		rotate		7	CC	9 41	—	B6	09 29	MSB LSB				Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F)	
	M12	HEADPHONES LEVEL		rotate		7	CC	12 44	—	B6	0C 2C	MSB LSB				Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F)	
	M13	MIC EQ HI		rotate		7	CC	13 45	—	B6	0D 2D	MSB LSB				Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
	M14	MIC EQ LOW		rotate		7	CC	7 39	—	B6	07 27	MSB LSB				Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
	M15-1 M15-2	LINE/PHONO SW		select		1/2	NOTE	15 47	—	B6	0F 2F	MSB LSB				Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
	M16-1 M16-2	MIC ATT		rotate												Select PHONO : OFF=0x00 Select LINE : ON=0x7F	
	M17	AUX GAIN		rotate												without MIDI-control	

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)													
MIXER	M18-1 M18-2	INPUT SELECT		select	Switch to DECK1/DECK2	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						
					Switch to DECK3/DECK4	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						
	M19	MIC OFF/ON		select	Switch to LINE/PHONO	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						
					Switch to OFF	7	NOTE	106	A#7	96	6A	7F				OFF=0x00, ON=0x7F						
						7	NOTE	107	B7	96	6B	0				OFF=0x00, ON=0x7F						
	M20	AUX TRIM		rotate	Switch to ON	7	NOTE	107	B7	96	6B	7F				OFF=0x00, ON=0x7F						
						7	NOTE	106	A#7	96	6A	0				OFF=0x00, ON=0x7F						
	M21	MIC1 LEVEL		rotate													without MIDI-control					
	M22	MIC2 LEVEL		rotate													Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max					
M23	SAMPLER VOL		rotate													Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max						
M24	MASTER LEVEL METER		-													without MIDI-control						
M25-1 M25-2	CHANNEL LEVEL METER		-													without MIDI-control						
EFFECT	F1-1 F1-2	COLOR FX Parameter (CH1)		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					
		COLOR FX Parameter (CH2)		rotate	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					
	F2	COLOR FX (D-ECHO)		+SHIFT	press		7	NOTE	0	C-1	96	0	hh			OFF=0x00, ON=0x7F						
						7	NOTE	8	G#-1	96	8	hh			OFF=0x00, ON=0x7F							
	F3	COLOR FX (PITCH)		+SHIFT	press		7	NOTE	1	C#-1	96	1	hh			OFF=0x00, ON=0x7F						
						7	NOTE	9	A-1	96	9	hh			OFF=0x00, ON=0x7F							
	F4	COLOR FX (NOISE)		+SHIFT	press		7	NOTE	2	D-1	96	2	hh			OFF=0x00, ON=0x7F						
						7	NOTE	10	A#-1	96	0A	hh			OFF=0x00, ON=0x7F							
	F5	COLOR FX (FILTER)		+SHIFT	press		7	NOTE	3	D#-1	96	3	hh			OFF=0x00, ON=0x7F						
						7	NOTE	11	B-1	96	0B	hh			OFF=0x00, ON=0x7F							
	F6	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							
	F7	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							
	F8	FX SELECT (LOW CUT ECHO)			rotate	4-channel mixer mode	5	NOTE	32	G#1	94	20	hh				OFF=0x00, ON=0x7F					
		FX SELECT (ECHO)					5	NOTE	33	A1	94	21	hh				OFF=0x00, ON=0x7F					
		FX SELECT (MT DELAY)					5	NOTE	34	A#1	94	22	hh				OFF=0x00, ON=0x7F					
		FX SELECT (SPIRAL)					5	NOTE	35	B1	94	23	hh				OFF=0x00, ON=0x7F					
		FX SELECT (REVERB)					5	NOTE	36	C2	94	24	hh				OFF=0x00, ON=0x7F					
		FX SELECT (TRANS)					5	NOTE	37	C#2	94	25	hh				OFF=0x00, ON=0x7F					
		FX SELECT (ENIGMA JET)					5	NOTE	38	D2	94	26	hh				OFF=0x00, ON=0x7F					
		FX SELECT (FLANGER)					5	NOTE	39	D#2	94	27	hh				OFF=0x00, ON=0x7F					
		FX SELECT (PHASER)					5	NOTE	40	E2	94	28	hh				OFF=0x00, ON=0x7F					
		FX SELECT (PITCH)					5	NOTE	41	F2	94	29	hh				OFF=0x00, ON=0x7F					
		FX SELECT (SLIP ROLL)					5	NOTE	42	F#2	94	2A	hh				OFF=0x00, ON=0x7F					
		FX SELECT (ROLL)					5	NOTE	43	G2	94	2B	hh				OFF=0x00, ON=0x7F					
		FX SELECT (MOBIUS SAW)					5	NOTE	44	G#2	94	2C	hh				OFF=0x00, ON=0x7F					
		FX SELECT (MOBIUS TRI)					5	NOTE	45	A2	94	2D	hh				OFF=0x00, ON=0x7F					
		F9					CH SELECT (CH1)			rotate	2-channel mixer mode	5	NOTE	16	E0	94	10	hh				OFF=0x00, ON=0x7F
							CH SELECT (CH2)					5	NOTE	17	F0	94	11	hh				OFF=0x00, ON=0x7F
	CH SELECT (CH3)		5	NOTE	18	F#0	94					12	hh				OFF=0x00, ON=0x7F					
	CH SELECT (CH4)		5	NOTE	19	G0	94					13	hh				OFF=0x00, ON=0x7F					
	CH SELECT (CH1)		5	NOTE	28	E1	94					1C	hh				OFF=0x00, ON=0x7F					
	CH SELECT (CH2)		5	NOTE	29	F1	94					1D	hh				OFF=0x00, ON=0x7F					
	CH SELECT (CH3)		5	NOTE	30	F#1	94					1E	hh				OFF=0x00, ON=0x7F					
	CH SELECT (CH4)		5	NOTE	31	G1	94					1F	hh				OFF=0x00, ON=0x7F					
	CH SELECT (MASTER)		5	NOTE	20	G#0	94					14	hh				OFF=0x00, ON=0x7F					
	CH SELECT (SAMPLER)		5	NOTE	22	A#0	94					16	hh				OFF=0x00, ON=0x7F					
F10	LEVEL/DEPTH			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		
F11	BEAT FX ON/OFF			+SHIFT	press		5					NOTE	71	B4	94	47	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
					5	NOTE	67	G4	94	43	hh	← Same as MIDI-IN			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)	MIDI Data (Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
PAD		*All the MIDI data assigned on the left deck are the same as those on the right deck shown below.														
P1	PAD 1		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	0	C-1	9p	0	hh	← Same as MIDI-IN	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	0	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	8	G#-1	9p	8	hh	← Same as MIDI-IN	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	8	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	16	E0	9p	10	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	24	C1	9p	18	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	32	G#1	9p	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
		+SHIFT			9/11/13/15	NOTE	32	G#1	9p	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	40	E2	9p	28	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	48	C3	9p	30	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	56	G#3	9p	38	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEYBOARD mode (PAGE 1)	8/10/12/14	NOTE	64	E4	9p	40	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEYBOARD mode (PAGE 2)	8/10/12/14	NOTE	72	C5	9p	48	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 2 (PAGE 1)	8/10/12/14	NOTE	80	G#5	9p	50	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
		+SHIFT			9/11/13/15	NOTE	80	G#5	9p	50	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 2 (PAGE 2)	8/10/12/14	NOTE	88	E6	9p	58	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT LOOP mode (PAGE 1)	8/10/12/14	NOTE	96	C7	9p	60	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT LOOP mode (PAGE 2)	8/10/12/14	NOTE	104	G#7	9p	68	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEY SHIFT mode (PAGE 1)	8/10/12/14	NOTE	112	E8	9p	70	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEY SHIFT mode (PAGE 2)	8/10/12/14	NOTE	120	C9	9p	78	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
P2	PAD 2		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	1	C#-1	9p	1	hh	← Same as MIDI-IN	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	1	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	9	A-1	9p	9	hh	← Same as MIDI-IN	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	9	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	17	F0	9p	11	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	25	C#1	9p	19	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	33	A1	9p	21	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	41	F2	9p	29	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	49	C#3	9p	31	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
		+SHIFT			9/11/13/15	NOTE	49	C#3	9p	31	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	57	A3	9p	39	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEYBOARD mode (PAGE 1)	8/10/12/14	NOTE	65	F4	9p	41	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEYBOARD mode (PAGE 2)	8/10/12/14	NOTE	73	C#5	9p	49	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 2 (PAGE 1)	8/10/12/14	NOTE	81	A5	9p	51	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	PAD FX mode 2 (PAGE 2)	8/10/12/14	NOTE	89	F6	9p	59	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT LOOP mode (PAGE 1)	8/10/12/14	NOTE	97	C#7	9p	61	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
		+SHIFT			9/11/13/15	NOTE	97	C#7	9p	61	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	BEAT LOOP mode (PAGE 2)	8/10/12/14	NOTE	105	A7	9p	69	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEY SHIFT mode (PAGE 1)	8/10/12/14	NOTE	113	F8	9p	71	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			press	KEY SHIFT mode (PAGE 2)	8/10/12/14	NOTE	121	C#9	9p	79	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	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)							
PAD	P3	PAD 3		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	18	F#0	9p	12	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	18	F#0	9p	12	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	26	D1	9p	1A	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	34	A#1	9p	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	34	A#1	9p	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	42	F#2	9p	2A	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	50	D3	9p	32	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	58	A#3	9p	3A	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEYBOARD mode (PAGE 1)	8/10/12/14	NOTE	66	F#4	9p	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	66	F#4	9p	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEYBOARD mode (PAGE 2)	8/10/12/14	NOTE	74	D5	9p	4A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	74	D5	9p	4A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 2 (PAGE 1)	8/10/12/14	NOTE	82	A#5	9p	52	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	82	A#5	9p	52	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 2 (PAGE 2)	8/10/12/14	NOTE	90	F#6	9p	5A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	90	F#6	9p	5A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT LOOP mode (PAGE 1)	8/10/12/14	NOTE	98	D7	9p	62	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	98	D7	9p	62	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT LOOP mode (PAGE 2)	8/10/12/14	NOTE	106	A#7	9p	6A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	106	A#7	9p	6A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEY SHIFT mode (PAGE 1)	8/10/12/14	NOTE	114	F#8	9p	72	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	114	F#8	9p	72	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEY SHIFT mode (PAGE 2)	8/10/12/14	NOTE	122	D9	9p	7A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	122	D9	9p	7A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	P4	PAD 4		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	19	G0	9p	13	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	27	D#1	9p	1B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	35	B1	9p	23	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	43	G2	9p	2B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	51	D#3	9p	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)		
			+SHIFT			9/11/13/15	NOTE	51	D#3	9p	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	59	B3	9p	3B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEYBOARD mode (PAGE 1)	8/10/12/14	NOTE	67	G4	9p	43	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEYBOARD mode (PAGE 2)	8/10/12/14	NOTE	75	D#5	9p	4B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 2 (PAGE 1)	8/10/12/14	NOTE	83	B5	9p	53	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	PAD FX mode 2 (PAGE 2)	8/10/12/14	NOTE	91	G6	9p	5B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT LOOP mode (PAGE 1)	8/10/12/14	NOTE	99	D#7	9p	63	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	BEAT LOOP mode (PAGE 2)	8/10/12/14	NOTE	107	B7	9p	6B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEY SHIFT mode (PAGE 1)	8/10/12/14	NOTE	115	G8	9p	73	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	KEY SHIFT mode (PAGE 2)	8/10/12/14	NOTE	123	D#9	9p	7B	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	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)								
PAD	P5	PAD 5		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	28	E1	9p	1C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	36	C2	9p	24	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	44	G#2	9p	2C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	52	E3	9p	34	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	60	C4	9p	3C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	KEYBOARD mode (PAGE 1)	8/10/12/14	NOTE	68	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	68	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	KEYBOARD mode (PAGE 2)	8/10/12/14	NOTE	76	E5	9p	4C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	PAD FX mode 2 (PAGE 1)	8/10/12/14	NOTE	84	C6	9p	54	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	PAD FX mode 2 (PAGE 2)	8/10/12/14	NOTE	92	G#6	9p	5C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	BEAT LOOP mode (PAGE 1)	8/10/12/14	NOTE	100	E7	9p	64	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	BEAT LOOP mode (PAGE 2)	8/10/12/14	NOTE	108	C8	9p	6C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	KEY SHIFT mode (PAGE 1)	8/10/12/14	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				press	KEY SHIFT mode (PAGE 2)	8/10/12/14	NOTE	124	E9	9p	7C	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				P6	PAD 6		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)
			+SHIFT					9/11/13/15	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	21	A0	9p	15	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	29	F1	9p	1D	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
			+SHIFT					9/11/13/15	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN	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	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
			+SHIFT					9/11/13/15	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
			+SHIFT					9/11/13/15	NOTE	61	C#4	9p	3D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	press	KEYBOARD mode (PAGE 1)	8/10/12/14			NOTE	69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	KEYBOARD mode (PAGE 2)	8/10/12/14			NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	77	F5	9p	4D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	PAD FX mode 2 (PAGE 1)	8/10/12/14			NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	PAD FX mode 2 (PAGE 2)	8/10/12/14			NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	93	A6	9p	5D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	BEAT LOOP mode (PAGE 1)	8/10/12/14			NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	BEAT LOOP mode (PAGE 2)	8/10/12/14			NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	KEY SHIFT mode (PAGE 1)	8/10/12/14			NOTE	117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	press	KEY SHIFT mode (PAGE 2)	8/10/12/14			NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT			9/11/13/15			NOTE	125	F9	9p	7D	hh	← Same as MIDI-IN	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)									
PAD	P7	PAD 7		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	30	F#1	9p	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	62	D4	9p	3E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	KEYBOARD mode (PAGE 1)	8/10/12/14	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	KEYBOARD mode (PAGE 2)	8/10/12/14	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	PAD FX mode 2 (PAGE 1)	8/10/12/14	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	PAD FX mode 2 (PAGE 2)	8/10/12/14	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	94	A#6	9p	5E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	BEAT LOOP mode (PAGE 1)	8/10/12/14	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	BEAT LOOP mode (PAGE 2)	8/10/12/14	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	KEY SHIFT mode (PAGE 1)	8/10/12/14	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
				press	KEY SHIFT mode (PAGE 2)	8/10/12/14	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)			
			+SHIFT			9/11/13/15	NOTE	126	F#9	9p	7E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			P8	PAD 8		press	HOT CUE mode (PAGE 1)	8/10/12/14	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	HOT CUE mode (PAGE 2)	8/10/12/14	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	PAD FX mode 1 (PAGE 1)	8/10/12/14	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	PAD FX mode 1 (PAGE 2)	8/10/12/14	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	31	G1	9p	1F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	BEAT JUMP mode (PAGE 1)	8/10/12/14	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	BEAT JUMP mode (PAGE 2)	8/10/12/14	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	47	B2	9p	2F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	SAMPLER mode (PAGE 1)	8/10/12/14	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
						press	SAMPLER mode (PAGE 2)	8/10/12/14	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)	
					+SHIFT			9/11/13/15	NOTE	63	D#4	9p	3F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	press	KEYBOARD mode (PAGE 1)			8/10/12/14	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	KEYBOARD mode (PAGE 2)			8/10/12/14	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	PAD FX mode 2 (PAGE 1)			8/10/12/14	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	PAD FX mode 2 (PAGE 2)			8/10/12/14	NOTE	95	B6	9p	5F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	95	B6	9p	5F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	BEAT LOOP mode (PAGE 1)			8/10/12/14	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	BEAT LOOP mode (PAGE 2)			8/10/12/14	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	111	D#8	9p	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	KEY SHIFT mode (PAGE 1)			8/10/12/14	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
	press	KEY SHIFT mode (PAGE 2)			8/10/12/14	NOTE	127	G9	9p	7F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	MIDI-OUT: lit in color specified in color number(1-127). OFF=0x00(dimmer)				
+SHIFT					9/11/13/15	NOTE	127	G9	9p	7F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
P9	HOT CUE	+SHIFT			press		1/2/3/4	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
							1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
P10	PAD FX	+SHIFT			press		1/2/3/4	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
							1/2/3/4	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
P11	BEAT JUMP	+SHIFT			press		1/2/3/4	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
							1/2/3/4	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
P12	SAMPER	+SHIFT			press		1/2/3/4	NOTE	34	A#1	9n	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
							1/2/3/4	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			

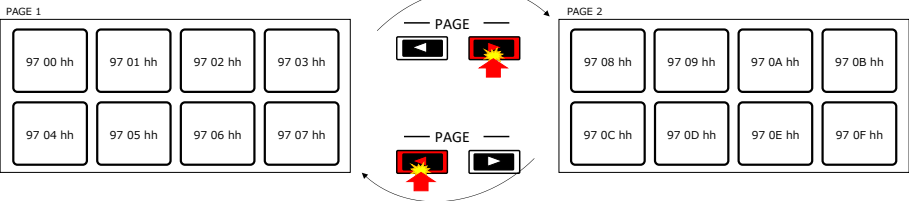
Group	Fig.	User Interface				MIDI assign reference ¹				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
								(Dec)	(English scale)							
PAD	P13	PAGE ◀ (*1)		press	HOT CUE mode	1/2/3/4	NOTE 36	C2	9n	24	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			+SHIFT		press	PAD FX mode 1	1/2/3/4	NOTE 1	C#-1	9n	01	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	BEAT JUMP mode 1	1/2/3/4	NOTE 37	C#2	9n	25	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	BEAT JUMP mode	1/2/3/4	NOTE 2	D-1	9n	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	SAMPLER mode	1/2/3/4	NOTE 38	D2	9n	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	SAMPLER mode	1/2/3/4	NOTE 3	D#-1	9n	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	KEYBOARD mode	1/2/3/4	NOTE 39	D#2	9n	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	KEYBOARD mode	1/2/3/4	NOTE 4	E-1	9n	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	PAD FX mode 2	1/2/3/4	NOTE 40	E2	9n	28	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	PAD FX mode 2	1/2/3/4	NOTE 5	F-1	9n	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	P14	PAGE ▶ (*1)		press	BEAT LOOP mode	1/2/3/4	NOTE 41	F2	9n	29	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
			+SHIFT		press	BEAT LOOP mode	1/2/3/4	NOTE 6	F#-1	9n	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	KEY SHIFT mode	1/2/3/4	NOTE 42	F#2	9n	2A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	KEY SHIFT mode	1/2/3/4	NOTE 7	G-1	9n	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	HOT CUE mode	1/2/3/4	NOTE 43	G2	9n	2B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	HOT CUE mode	1/2/3/4	NOTE 8	G#-1	9n	08	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	PAD FX mode 1	1/2/3/4	NOTE 44	G#2	9n	2C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	PAD FX mode 1	1/2/3/4	NOTE 9	A-1	9n	09	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	BEAT JUMP mode	1/2/3/4	NOTE 45	A2	9n	2D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	BEAT JUMP mode	1/2/3/4	NOTE 122	D9	9n	7A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	SAMPLER mode	1/2/3/4	NOTE 46	A#2	9n	2E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	SAMPLER mode	1/2/3/4	NOTE 123	D#9	9n	7B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	KEYBOARD mode	1/2/3/4	NOTE 47	B2	9n	2F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	KEYBOARD mode	1/2/3/4	NOTE 124	E9	9n	7C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
					press	PAD FX mode 2	1/2/3/4	NOTE 48	C3	9n	30	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT		press	PAD FX mode 2	1/2/3/4	NOTE 125	F9	9n	7D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
		press	BEAT LOOP mode	1/2/3/4	NOTE 49	C#3	9n	31	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
+SHIFT		press	BEAT LOOP mode	1/2/3/4	NOTE 126	F#9	9n	7E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		press	KEY SHIFT mode	1/2/3/4	NOTE 50	D3	9n	32	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
+SHIFT		press	KEY SHIFT mode	1/2/3/4	NOTE 127	G9	9n	7F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
		press		1/2/3/4	NOTE 51	D#3	9n	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					
+SHIFT		press		1/2/3/4	NOTE 0	C-1	9n	00	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F					

MIDI-OUT

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)	
					(Dec)	(English scale)							
Illumination Control	Current position bar	for JOG display (*2)	1/2/3/4	CC	20 52	—				Bn	14 34	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x02, LSB : 0x67) 0 ~ 359 [degree]
	BPM value		1/2/3/4	CC	21 53	—				Bn	15 35	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x4E, LSB : 0x0F) BPM : 0.0 ~ 999.9
	Playing speed		1/2/3/4	CC	22 54	—				Bn	16 36	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x0F, LSB : 0x50) Playing speed : -100.0% ~ +100.0%
	Current time (minute)		1/2/3/4	NOTE	66	F#4				9n	42	hh	0x00 ~ 0x63 (0~99)
	Current time (second)		1/2/3/4	NOTE	67	G4				9n	43	hh	0x00 ~ 0x3B (0~59)
	Time mode		1/2/3/4	NOTE	68	G#4				9n	44	hh	Elapsed : OFF=0x00 Remaining : ON=0x7F
	Cue marker		1/2/3/4	CC	23 55	—				Bn	17 37	MSB LSB	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x02, LSB : 0x67) 0 ~ 359 [degree] Hide Cue marker : (MSB:0x7F, LSB:0x7F)
	Key value		1/2/3/4	NOTE	73	C#5				9n	49	hh	0x00~0x18 (*3)
	Key variation		1/2/3/4	NOTE	74	D5				9n	4A	hh	0x01~0x0C (-12 ~ -1), 0x0D(0), 0x0E~0x19 (+1 ~ +12)
	Beat Sync Master		1/2/3/4	NOTE	89	F6				9n	59	hh	OFF=0x00, ON=0x7F
	Beat Sync State		1/2/3/4	NOTE	90	F#6				9n	5A	hh	OFF=0x00, ON=0x7F
	Display/hide information on the jog dial display		1/2/3/4	NOTE	93	A6				9n	5D	hh	Display information=0x00, Hide information=0x7F (To hide information, send 0x7F.)

*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	---	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