



Group	Fig.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data 2)		
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	MIDI Data (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)			
MIXER	M1	CROSSFADER		slide		7	CC	31 63	-	B6	1F 3F	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) Min at left side, Max at right side		
	M2-1	CH FADER		slide		1/2	CC	19 51	-	Bn	13 33	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) Min at bottom end, Max at top end		
	M1	CROSSFADER / CH FADER (Fader Start)	+SHIFT	slide	Zero → not Zero	1/2	NOTE	102	F#7	9n	66	7F				PLAY message only for fader start OFF=0x00, ON=0x7F		
	M2-1		+SHIFT	slide	Not Zero → Zero	1/2	NOTE	82	A#5	9n	52	7F				CUE message only for fader start OFF=0x00, ON=0x7F		
	M3-1	M3-2	TRIM		rotate		1/2	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	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	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	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	CH CUE (Headphone)		press		1/2	NOTE	84	C6	9n	54	hh			← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				+SHIFT			1/2	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) When turned fully counterclockwise : Min When turned fully clockwise : Max	
	M9	MASTER CUE			press		7	NOTE	99	D#7	96	63	hh			← Same as MIDI-IN	OFF=0x00, ON=0x7F LED embedded in the button lights up when it is pressed	
				+SHIFT			7	NOTE	120	C9	96	78	hh			← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	M10	HEADPHONES MIXING			rotate		7	CC	12 44	-	B6	0C 2C	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
M11	HEADPHONES LEVEL			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		
M12-1	M12-2	CHANNEL LEVEL METER		-		1/2	CC	2 -	-				Bn	02	hh			
EFFECT	F1-1	FILTER (CH1)		rotate		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		
	F1-2	FILTER (CH2)		rotate		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		
	F2	BEAT ◀		press		5	NOTE	74	D5	94	4A	hh				OFF=0x00, ON=0x7F		
			+SHIFT			5	NOTE	102	F#7	94	66	hh				OFF=0x00, ON=0x7F		
	F3	BEAT ▶		press		5	NOTE	75	D#5	94	4B	hh				OFF=0x00, ON=0x7F		
			+SHIFT			5	NOTE	107	B7	94	6B	hh				OFF=0x00, ON=0x7F		
	F4	BEAT FX SELECT		press		5	NOTE	99	D#7	94	63	hh				OFF=0x00, ON=0x7F		
			+SHIFT			5	NOTE	100	E7	94	64	hh				OFF=0x00, ON=0x7F		
	F5	BEAT FX CH SELECT		slide	CH 1	5	NOTE	16	E0	94	10	hh				OFF=0x00, ON=0x7F (*3)		
					CH 2	5	NOTE	17	F0	94	11	hh				OFF=0x00, ON=0x7F (*3)		
				MASTER	5	NOTE	20	G#0	94	14	hh				OFF=0x00, ON=0x7F (*3)			
F6	BEAT FX LEVELDEPTH			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		
F7	BEAT FX ON/OFF			press		5	NOTE	71	B4	94	47	hh			← Same as MIDI-IN	OFF=0x00, ON=0x7F (*4)		
			+SHIFT			5	NOTE	67	G4	94	43	hh			← Same as MIDI-IN	OFF=0x00, ON=0x7F (*4)		
PAD	P1-L P1-R	PAD 1		press	HOT CUE mode	8/10	NOTE	0	C-1	9p	00	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				+SHIFT			9/11	NOTE	0	C-1	9p	00	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	BEAT LOOP mode	8/10	NOTE	96	C7	9p	60	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	96	C7	9p	60	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	BEAT JUMP mode	8/10	NOTE	32	G#1	9p	20	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	32	G#1	9p	20	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	SAMPLER mode	8/10	NOTE	48	C3	9p	30	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	48	C3	9p	30	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	KEYBOARD mode (*6)	8/10	NOTE	64	E4	9p	40	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	64	E4	9p	40	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	PAD FX mode 1 (*7)	8/10	NOTE	16	E0	9p	10	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	16	E0	9p	10	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
		press	PAD FX mode 2 (*8)	8/10	NOTE	80	G#5	9p	50	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F		
		+SHIFT			9/11	NOTE	80	G#5	9p	50	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F		
		press	KEY SHIFT mode (*9)	8/10	NOTE	112	E8	9p	70	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F		
		+SHIFT			9/11	NOTE	112	E8	9p	70	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	P2-L P2-R	PAD 2		press	HOT CUE mode	8/10	NOTE	1	C#-1	9p	01	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				+SHIFT			9/11	NOTE	1	C#-1	9p	01	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	BEAT LOOP mode	8/10	NOTE	97	C#7	9p	61	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	97	C#7	9p	61	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	BEAT JUMP mode	8/10	NOTE	33	A1	9p	21	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	33	A1	9p	21	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	SAMPLER mode	8/10	NOTE	49	C#3	9p	31	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	49	C#3	9p	31	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	KEYBOARD mode (*6)	8/10	NOTE	65	F4	9p	41	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	65	F4	9p	41	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	PAD FX mode 1 (*7)	8/10	NOTE	17	F0	9p	11	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	17	F0	9p	11	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
	P3-L P3-R	PAD 3		press	PAD FX mode 2 (*8)	8/10	NOTE	81	A5	9p	51	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				+SHIFT			9/11	NOTE	81	A5	9p	51	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	KEY SHIFT mode (*9)	8/10	NOTE	113	F8	9p	71	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	113	F8	9p	71	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	HOT CUE mode	8/10	NOTE	2	D-1	9p	02	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	2	D-1	9p	02	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	BEAT LOOP mode	8/10	NOTE	98	D7	9p	62	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	98	D7	9p	62	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	BEAT JUMP mode	8/10	NOTE	34	A#1	9p	22	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	34	A#1	9p	22	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	SAMPLER mode	8/10	NOTE	50	D3	9p	32	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	50	D3	9p	32	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
	P4-L P4-R	PAD 4		press	KEYBOARD mode (*6)	8/10	NOTE	66	F#4	9p	42	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				+SHIFT			9/11	NOTE	66	F#4	9p	42	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	PAD FX mode 1 (*7)	8/10	NOTE	18	F#0	9p	12	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	18	F#0	9p	12	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	PAD FX mode 2 (*8)	8/10	NOTE	82	A#5	9p	52	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	82	A#5	9p	52	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
				press	KEY SHIFT mode (*9)	8/10	NOTE	114	F#8	9p	72	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F
				+SHIFT			9/11	NOTE	114	F#8	9p	72	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F
			press	HOT CUE mode	8/10	NOTE	3	D#-1	9p	03	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT			9/11	NOTE	3	D#-1	9p	03	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			press	BEAT LOOP mode	8/10	NOTE	99	D#7	9p	63	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT			9/11	NOTE	99	D#7	9p	63	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	press	BEAT JUMP mode	8/10	NOTE	35	B1	9p	23	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11	NOTE	35	B1	9p	23	hh				← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	press	SAMPLER mode	8/10	NOTE	51	D#3	9p	33	hh					← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11	NOTE	51	D#3	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)	
PAD	P6-L P6-R	PAD 5	+SHIFT	press	HOT CUE mode	8/10	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT LOOP mode	8/10	NOTE	100	E7	9p	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	100	E7	9p	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	8/10	NOTE	36	C2	9p	24	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	36	C2	9p	24	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	8/10	NOTE	52	E3	9p	34	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	52	E3	9p	34	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	KEYBOARD mode (*6)	8/10	NOTE	66	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	66	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT	press	PAD FX mode 1 (*7)	8/10	NOTE	20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	20	G#0	9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	PAD FX mode 2 (*8)	8/10	NOTE	84	C6	9p	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	84	C6	9p	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	KEY SHIFT mode (*9)	8/10	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	P6-L P6-R	PAD 6				8/10	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT LOOP mode	8/10	NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	8/10	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	37	C#2	9p	25	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	8/10	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	53	F3	9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	KEYBOARD mode	8/10	NOTE	69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	69	A4	9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT	press	PAD FX mode 1 (*7)	8/10	NOTE	21	A0	9p	15	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	21	A0	9p	15	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	PAD FX mode 2 (*8)	8/10	NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	KEY SHIFT mode (*9)	8/10	NOTE	117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	117	A8	9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	P7-L P7-R	PAD 7				8/10	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT LOOP mode	8/10	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	102	F#7	9p	66	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	8/10	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	8/10	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	54	F#3	9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	KEYBOARD mode (*6)	8/10	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT	press	PAD FX mode 1 (*7)	8/10	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	22	A#0	9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	PAD FX mode 2 (*8)	8/10	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	86	D6	9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	KEY SHIFT mode (*9)	8/10	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	118	A#8	9p	76	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	P8-L P8-R	PAD 8				8/10	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT LOOP mode	8/10	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	103	G7	9p	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	8/10	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	8/10	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	55	G3	9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	KEYBOARD mode (*6)	8/10	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
						9/11	NOTE	71	B4	9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT	press	PAD FX mode 1 (*7)	8/10	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	23	B0	9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	PAD FX mode 2 (*8)	8/10	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	87	D#6	9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	KEY SHIFT mode (*9)	8/10	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
				9/11	NOTE	119	B8	9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	P9-L P9-R	HOT CUE				1/2	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button lights up when it is pressed
			+SHIFT			1/2	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button flashes when it is pressed
	P10-L P10-R	BEAT LOOP				1/2	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button lights up when it is pressed
			+SHIFT			1/2	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button flashes when it is pressed
	P11-L P11-R	BEAT JUMP				1/2	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button lights up when it is pressed
			+SHIFT			1/2	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button flashes when it is pressed
	P12-L P12-R	SAMPLER				1/2	NOTE	34	A#1	9n	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button lights up when it is pressed
			+SHIFT			1/2	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	LED embedded in the button flashes when it is pressed

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) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)		
Illumination control	LOADED (CH 1)	Load illumination	16	NOTE	0	C-1						9F	00	7F
	LOADED (CH 2)		16	NOTE	1	C#-1						9F	01	7F
	LEVEL METER SETTING	Level meter setting	16	NOTE	75	D#5						9F	4B	hh
Settings	VINYL MODE	Vinyl mode on/off (*1)	1/2	NOTE	23	B0						9n	17	hh
	FADER START SETTING	Fader start setting	16	NOTE	66	F#4						9F	42	hh
	CROSSFADER REV. SETTING	Crossfader reverse on/off	16	NOTE	67	G4						9F	43	hh
	CUT LAG SETTING	Cut-lag setting for Crossfader (*5)	16	CC	65	-						BF	41	hh
	BACK SPIN LENGTH	Back-spin length	16	CC	69	-						BF	45	hh

\*1 Vinyl mode can not be turned off via the DDJ-400. To turn Vinyl mode off, send the following MIDI message [0x9n, 0x17, 0x00] using any DJ application.  
 Only the [BEAT SYNC] button: The MIDI message is sent to your PC/Mac when it is released from your finger, not pressed.  
 \*2 The following MIDI messages [0x94, 0x10, 0x7F] and [0x94, 0x11, 0x00] are sent to your PC/Mac when the [BEAT FX CH SELECT] switch selects CH 1.  
 \*3 The following MIDI messages [0x94, 0x11, 0x7F] and [0x94, 0x10, 0x00] (or [0x94, 0x14, 0x00]) are sent to your PC/Mac when the [BEAT FX CH SELECT] switch selects CH 2.  
 \*4 The following MIDI messages [0x94, 0x14, 0x7F] and [0x94, 0x11, 0x00] are sent to your PC/Mac when the [BEAT FX CH SELECT] switch selects MASTER.  
 \*5 LED embedded in the [BEAT FX ON/OFF] button flashes when receiving the NOTE ON command. The LED lights up when receiving the NOTE OFF command.  
 \*6 You can adjust cut-lag for Crossfader by unit of approximately 0.1 mm.  
 \*7 To change to the KEYBOARD mode, press the [HOT CUE] mode button while pressing the [SHIFT] button.  
 \*8 To change to the PAD FX mode 1, press the [BEAT LOOP] mode button while pressing the [SHIFT] button.  
 \*9 To change to the PAD FX mode 2, press the [BEAT JUMP] mode button while pressing the [SHIFT] button.  
 To change to the KEY SHIFT mode, press the [SAMPLER] mode button while pressing the [SHIFT] button.