

DDJ-REV1

List of MIDI message



[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 (FX1)	5	m=4
EFFECT (FX2)	6	m=5
BROWSER	7	m=6
DECK 1 PERFORMANCE PAD	8	p=7
DECK 1 PERFORMANCE PAD (+SHIFT)	9	p=8
DECK 2 PERFORMANCE PAD	10	p=9
DECK 2 PERFORMANCE PAD (+SHIFT)	11	p=A
DECK 3 PERFORMANCE PAD	12	p=B
DECK 3 PERFORMANCE PAD (+SHIFT)	13	p=C
DECK 4 PERFORMANCE PAD	14	p=D
DECK 4 PERFORMANCE PAD (+SHIFT)	15	p=E

1 The MIDI messages output from the buttons and knobs of this controller are shown in decimal numbers and English scale as reference information for MIDI assignment. Please use this reference in accordance with 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 kind of MIDI message used to communicate many kinds of control information such as sound quality and volume level.
 The English scale is a method of notating pitches using the letters C, D, E, F, G, A, B, and the semitone #.

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	Rotary Selector		rotate		7	CC	64	—	B6	40	hh				Difference count value from last operation Turn clockwise : 1 ~ 30 (0x01 ~ 0x1E) Turn counterclockwise : 127 ~ 98 (0x7F ~ 0x62)	
						5	CC	80	—	B4	50	hh					
						5	CC	81	—	B4	51	hh					
						5	CC	82	—	B4	52	hh					
						6	CC	83	—	B5	53	hh					
						6	CC	84	—	B5	54	hh					
						6	CC	85	—	B5	55	hh					
	B2-L B2-R	LOAD			press		7	CC	100	—	B6	64	hh				
							7	NOTE	65	F4	96	41	hh				OFF=0x00, ON=0x7F
							7	NOTE	66	F#4	96	42	hh				OFF=0x00, ON=0x7F
							7	NOTE	70	A#4	96	46	hh				OFF=0x00, ON=0x7F
							7	NOTE	88	E#6	96	58	hh				OFF=0x00, ON=0x7F
							7	NOTE	71	B4	96	47	hh				OFF=0x00, ON=0x7F
							7	NOTE	89	F6	96	59	hh				OFF=0x00, ON=0x7F
					7	NOTE	72	C5	96	48	hh			OFF=0x00, ON=0x7F			
					7	NOTE	96	C7	96	60	hh			OFF=0x00, ON=0x7F			
					7	NOTE	73	C#5	96	49	hh			OFF=0x00, ON=0x7F			
					7	NOTE	97	C#7	96	61	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)								
DECK	D1	PLAY/PAUSE	+SHIFT	press		1/2/3/4	NOTE	11	B-1	9n	0B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						1/2/3/4	NOTE	71	B4	9n	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D2	CUE	+SHIFT	press		1/2/3/4	NOTE	12	C0	9n	0C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
						1/2/3/4	NOTE	72	C5	9n	48	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	D3	JOG (Platter)	+SHIFT	rotate	Vinyl On	1/2/3/4	CC	34	—	Bn	22	hh			Difference count value from last operation		
					Vinyl Off	1/2/3/4	CC	35	—	Bn	23	hh			Turn clockwise : Increases from 65 (0x41)		
		JOG (Wheel Side)	+SHIFT	touch		1/2/3/4	NOTE	54	F#3	9n	36	hh			Turn counterclockwise : Decreases from 63 (0x3F)		
						1/2/3/4	NOTE	103	G7	9n	67	hh			OFF=0x00, ON=0x7F		
	D4	Tempo	+SHIFT	slide		1/2/3/4	CC	0	—	Bn	00	MSB LSB			Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)		
						1/2/3/4	CC	5	—	Bn	05	MSB LSB			"-" side : Min "+" side : Max		
	D5-L	DECK SELECT 1/3	+SHIFT	press	DECK 3	3	NOTE	114	F#8	92	72	hh	92	72	00	OFF=0x00, ON=0x7F	
						1	NOTE	60	C4	90	3C	7F				Deck1 Control On	
						3	NOTE	60	C4	92	3C	00				Deck3 Control Off	
						3	NOTE	23	B0	92	17	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F	
			+LONG	press	DECK 1	3	NOTE	96	C7	92	60	hh					OFF=0x00, ON=0x7F
						3	NOTE	114	F#8	92	72	hh	92	72	7F	OFF=0x00, ON=0x7F	
						1	NOTE	60	C4	90	3C	00				Deck1 Control Off	
						3	NOTE	60	C4	92	3C	7F				Deck3 Control On	
	+SHIFT	press	DECK 4	4	NOTE	114	F#8	93	72	hh	93	72	00	OFF=0x00, ON=0x7F			
2				NOTE	60	C4	91	3C	7F				Deck2 Control On				
4				NOTE	60	C4	93	3C	00				Deck4 Control Off				
4				NOTE	23	B0	93	17	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F				
+LONG	press	DECK 2	4	NOTE	96	C7	93	60	hh					OFF=0x00, ON=0x7F			
			4	NOTE	114	F#8	93	72	hh	93	72	7F	OFF=0x00, ON=0x7F				
			2	NOTE	60	C4	91	3C	00				Deck2 Control Off				
			4	NOTE	60	C4	93	3C	7F				Deck4 Control On				
+SHIFT	press	DECK 2	2	NOTE	23	B0	91	17	hh	← Same as MIDI-IN				OFF=0x00, ON=0x7F			
			2	NOTE	96	C7	91	60	hh				OFF=0x00, ON=0x7F				
			1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F				
			1/2/3/4	NOTE	80	G#5	9n	50	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F				
D6	AUTO LOOP	+SHIFT	press		1/2/3/4	NOTE	18	F#0	9n	12	hh		OFF=0x00, ON=0x7F				
D7	1/2X	+SHIFT	press		1/2/3/4	NOTE	16	E0	9n	10	hh		OFF=0x00, ON=0x7F				
D8	2X	+SHIFT	press		1/2/3/4	NOTE	19	G0	9n	13	hh		OFF=0x00, ON=0x7F				
D9	SYNC	+SHIFT	press		1/2/3/4	NOTE	17	F0	9n	11	hh		OFF=0x00, ON=0x7F				
					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				
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 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 bottom end, Max at top end		
	M1 M2-1 M2-2	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 fader start OFF=0x00, ON=0x7F		
						1/2/3/4	NOTE	81	A5	9n	51	hh			SYNC message only for fader start OFF=0x00, ON=0x7F		
					Not Zero → Zero	1/2/3/4	NOTE	82	A#5	9n	52	hh			CUE message only for 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 CUE	+SHIFT	press		7	NOTE	99	D#7	96	63	hh			OFF=0x00, ON=0x7F		
						7	NOTE	98	D7	96	62	hh			OFF=0x00, ON=0x7F		
	M9	MASTER LEVEL		rotate		7	CC	8 40	—	B6	08 28	MSB LSB			Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)		
M10	HEADPHONES LEVEL		rotate		7	CC	13 45	—	B6	0D 2D	MSB LSB			Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F)			
M11	SHIFT		press		7	NOTE	63	D#4	96	3F	hh			OFF=0x00, ON=0x7F			

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		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)								
EFFECT	F1-1 F1-2	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	
		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	
		FILTER (CH3)		rotate		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	
		FILTER (CH4)		rotate		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	
	F2-1 F2-2	FX 1 ON/OFF	+SHIFT		press		5	NOTE	80	G#5	94	50	hh	/	/	/	OFF=0x00, ON=0x7F
			FX 1 SLOT 1 ON			5	NOTE	102	F#7	94	66	hh	/	/	/	OFF=0x00, ON=0x7F	
			FX 1 SLOT 2 ON			5	NOTE	71	B4	94	47	hh	/	/	/	OFF=0x00, ON=0x7F	
			FX 1 SLOT 3 ON			5	NOTE	72	C5	94	48	hh	/	/	/	OFF=0x00, ON=0x7F	
		FX 2 ON/OFF	+SHIFT		press		6	NOTE	80	G#5	95	50	hh	/	/	/	OFF=0x00, ON=0x7F
			FX 2 SLOT 1 ON			6	NOTE	102	F#7	95	66	hh	/	/	/	OFF=0x00, ON=0x7F	
			FX 2 SLOT 2 ON			6	NOTE	71	B4	95	47	hh	/	/	/	OFF=0x00, ON=0x7F	
			FX 2 SLOT 3 ON			6	NOTE	72	C5	95	48	hh	/	/	/	OFF=0x00, ON=0x7F	
	F3-1 F3-2	FX 1 SLOT 1 SELECT	+SHIFT	press		5	NOTE	112	E8	94	70	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		FX 2 SLOT 1 SELECT	+SHIFT	press		5	NOTE	99	D#7	94	63	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	F4-1 F4-2	FX 1 SLOT 2 SELECT	+SHIFT	press		6	NOTE	112	E8	95	70	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		FX 2 SLOT 2 SELECT	+SHIFT	press		6	NOTE	99	D#7	95	63	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	F5-1 F5-2	FX 1 SLOT 3 SELECT	+SHIFT	press		5	NOTE	113	F8	94	71	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		FX 2 SLOT 3 SELECT	+SHIFT	press		5	NOTE	6	F#-1	94	06	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	F6	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	
				rotate		5	CC	4 36	-	B4	04 24	MSB LSB	/	/	/	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
				rotate		5	CC	6 38	-	B4	06 26	MSB LSB	/	/	/	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
				rotate		6	CC	2 34	-	B5	02 22	MSB LSB	/	/	/	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
				rotate		6	CC	4 36	-	B5	04 24	MSB LSB	/	/	/	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
				rotate		6	CC	6 38	-	B5	06 26	MSB LSB	/	/	/	Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max	
PAD	P1	PAD 1		press	HOT CUE mode	8/10/12/14	NOTE	0	C-1	9p	00	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	AUTO LOOP mode	8/10/12/14	NOTE	16	E0	9p	10	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	TRACKING SCRATCH mode	8/10/12/14	NOTE	32	G#1	9p	20	hh	/	/	/	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	48	C3	9p	30	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	64	E4	9p	40	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	ROLL mode	8/10/12/14	NOTE	80	G#5	9p	50	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	TRANS mode	8/10/12/14	NOTE	96	C7	9p	60	hh	/	/	/	OFF=0x00, ON=0x7F	
			+SHIFT	press	SCRATCH BANK mode	8/10/12/14	NOTE	112	E8	9p	70	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SCRATCH BANK mode	9/11/13/15	NOTE	112	E8	9p	70	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	P2	PAD 2		press	HOT CUE mode	8/10/12/14	NOTE	1	C#-1	9p	01	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	AUTO LOOP mode	8/10/12/14	NOTE	17	F0	9p	11	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	TRACKING SCRATCH mode	8/10/12/14	NOTE	33	A1	9p	21	hh	/	/	/	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	49	C#3	9p	31	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	8/10/12/14	NOTE	65	F4	9p	41	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	ROLL mode	8/10/12/14	NOTE	81	A5	9p	51	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	TRANS mode	8/10/12/14	NOTE	97	C#7	9p	61	hh	/	/	/	OFF=0x00, ON=0x7F	
			+SHIFT	press	SCRATCH BANK mode	8/10/12/14	NOTE	113	F8	9p	71	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SCRATCH BANK mode	9/11/13/15	NOTE	113	F8	9p	71	hh	← Same as MIDI-IN	← Same as MIDI-IN	← Same as MIDI-IN	OFF=0x00, ON=0x7F	

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		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	8/10/12/14	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT			9/11/13/15	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	AUTO LOOP mode	8/10/12/14	NOTE	18	F#0		9p	12	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT			9/11/13/15	NOTE	18	F#0		9p	12	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	TRACKING SCRATCH mode	8/10/12/14	NOTE	34	A#1		9p	22	hh		OFF=0x00, ON=0x7F	
			+SHIFT			9/11/13/15	NOTE	34	A#1		9p	22	hh		OFF=0x00, ON=0x7F	
				press	SAMPLER mode	8/10/12/14	NOTE	50	D3		9p	32	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT			9/11/13/15	NOTE	50	D3		9p	32	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	BEAT JUMP mode	8/10/12/14	NOTE	66	F#4		9p	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT			9/11/13/15	NOTE	66	F#4		9p	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		press	ROLL mode	8/10/12/14	NOTE	82	A#5		9p	52	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	82	A#5		9p	52	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		press	TRANS mode	8/10/12/14	NOTE	98	D7		9p	62	hh		OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	98	D7		9p	62	hh		OFF=0x00, ON=0x7F			
		press	SCRATCH BANK mode	8/10/12/14	NOTE	114	F#8		9p	72	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	114	F#8		9p	72	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		P4	PAD 4		press	HOT CUE mode	8/10/12/14	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	AUTO LOOP mode	8/10/12/14	NOTE	19	G0		9p	13	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	19	G0		9p	13	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	TRACKING SCRATCH mode	8/10/12/14	NOTE	35	B1		9p	23	hh		OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	35	B1		9p	23	hh		OFF=0x00, ON=0x7F	
				press	SAMPLER mode	8/10/12/14	NOTE	51	D#3		9p	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	51	D#3		9p	33	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	BEAT JUMP mode	8/10/12/14	NOTE	67	G4		9p	43	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	67	G4		9p	43	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		press	ROLL mode	8/10/12/14	NOTE	83	B5		9p	53	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	83	B5		9p	53	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		press	TRANS mode	8/10/12/14	NOTE	99	D#7		9p	63	hh		OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	99	D#7		9p	63	hh		OFF=0x00, ON=0x7F			
		press	SCRATCH BANK mode	8/10/12/14	NOTE	115	G8		9p	73	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	115	G8		9p	73	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		P5	PAD 5		press	HOT CUE mode	8/10/12/14	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	AUTO LOOP mode	8/10/12/14	NOTE	20	G#0		9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	20	G#0		9p	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	TRACKING SCRATCH mode	8/10/12/14	NOTE	36	C2		9p	24	hh		OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	36	C2		9p	24	hh		OFF=0x00, ON=0x7F	
				press	SAMPLER mode	8/10/12/14	NOTE	52	E3		9p	34	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	52	E3		9p	34	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	BEAT JUMP mode	8/10/12/14	NOTE	68	G#4		9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	68	G#4		9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		press	ROLL mode	8/10/12/14	NOTE	84	C6		9p	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	84	C6		9p	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		press	TRANS mode	8/10/12/14	NOTE	100	E7		9p	64	hh		OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	100	E7		9p	64	hh		OFF=0x00, ON=0x7F			
		press	SCRATCH BANK mode	8/10/12/14	NOTE	116	G#8		9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	116	G#8		9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		P6	PAD 6		press	HOT CUE mode	8/10/12/14	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	AUTO LOOP mode	8/10/12/14	NOTE	21	A0		9p	15	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	21	A0		9p	15	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	TRACKING SCRATCH mode	8/10/12/14	NOTE	37	C#2		9p	25	hh		OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	37	C#2		9p	25	hh		OFF=0x00, ON=0x7F	
				press	SAMPLER mode	8/10/12/14	NOTE	53	F3		9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	53	F3		9p	35	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	BEAT JUMP mode	8/10/12/14	NOTE	69	A4		9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	69	A4		9p	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		press	ROLL mode	8/10/12/14	NOTE	85	C#6		9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	85	C#6		9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		press	TRANS mode	8/10/12/14	NOTE	101	F7		9p	65	hh		OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	101	F7		9p	65	hh		OFF=0x00, ON=0x7F			
		press	SCRATCH BANK mode	8/10/12/14	NOTE	117	A8		9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	117	A8		9p	75	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		P7	PAD 7		press	HOT CUE mode	8/10/12/14	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	AUTO LOOP mode	8/10/12/14	NOTE	22	A#0		9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	22	A#0		9p	16	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	TRACKING SCRATCH mode	8/10/12/14	NOTE	38	D2		9p	26	hh		OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	38	D2		9p	26	hh		OFF=0x00, ON=0x7F	
				press	SAMPLER mode	8/10/12/14	NOTE	54	F#3		9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	54	F#3		9p	36	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	BEAT JUMP mode	8/10/12/14	NOTE	70	A#4		9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	+SHIFT					9/11/13/15	NOTE	70	A#4		9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		press	ROLL mode	8/10/12/14	NOTE	86	D6		9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	86	D6		9p	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
		press	TRANS mode	8/10/12/14	NOTE	102	F#7		9p	66	hh		OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	102	F#7		9p	66	hh		OFF=0x00, ON=0x7F			
		press	SCRATCH BANK mode	8/10/12/14	NOTE	118	A#8		9p	76	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT			9/11/13/15	NOTE	118	A#8		9p	76	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	P8	PAD 8		press	HOT CUE mode	8/10/12/14	NOTE 7	G-1		9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
			+SHIFT	press	HOT CUE mode	9/11/13/15	NOTE 7	G-1		9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
				press	AUTO LOOP mode	8/10/12/14	NOTE 23	B0			9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	AUTO LOOP mode	9/11/13/15	NOTE 23	B0			9p	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	TRACKING SCRATCH mode	8/10/12/14	NOTE 39	D#2			9p	27	hh		OFF=0x00, ON=0x7F	
			+SHIFT	press	TRACKING SCRATCH mode	9/11/13/15	NOTE 39	D#2			9p	27	hh		OFF=0x00, ON=0x7F	
				press	SAMPLER mode	8/10/12/14	NOTE 55	G3			9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	SAMPLER mode	9/11/13/15	NOTE 55	G3			9p	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	BEAT JUMP mode	8/10/12/14	NOTE 71	B4			9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	BEAT JUMP mode	9/11/13/15	NOTE 71	B4			9p	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
				press	ROLL mode	8/10/12/14	NOTE 87	D#6			9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	press	ROLL mode	9/11/13/15	NOTE 87	D#6			9p	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
		press	TRANS mode	8/10/12/14	NOTE 103	G7			9p	67	hh		OFF=0x00, ON=0x7F			
	+SHIFT	press	TRANS mode	9/11/13/15	NOTE 103	G7			9p	67	hh		OFF=0x00, ON=0x7F			
		press	SCRATCH BANK mode	8/10/12/14	NOTE 119	B8			9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	+SHIFT	press	SCRATCH BANK mode	9/11/13/15	NOTE 119	B8			9p	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
	P9	HOT CUE		press		1/2/3/4	NOTE 27	D#1		9n	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	+SHIFT	press				1/2/3/4	NOTE 105	A7		9n	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	P10	AUTO LOOP		press		1/2/3/4	NOTE 30	F#1		9n	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
	+SHIFT	press				1/2/3/4	NOTE 107	B7		9n	6B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F		
P11	TRACKING		press		1/2/3/4	NOTE 32	G#1		9n	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
+SHIFT	press				1/2/3/4	NOTE 109	C#8		9n	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
P12	SAMPER		press		1/2/3/4	NOTE 34	A#1		9n	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			
+SHIFT	press				1/2/3/4	NOTE 111	D#8		9n	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F			