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 #.

				User Inter	face	MIDI assign reference 1					MIDI-IN (to computer)			MIDI-OUT m compu		
Group	Fig.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	(Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data 2)
BROWSER						7	СС	64	_	В6	40	hh				
			+FX 1 SLOT 1 SELECT		rotate	5	СС	80	-	B4	50	hh				
			+FX 1 SLOT 2 SELECT			5	СС	81	-	B4	51	hh				
			+FX 1 SLOT 3 SELECT	rototo		5	СС	82	-	В4	52	hh				Difference count value from last operation Turn clockwise: 1 ~ 30 (0x01 ~ 0x1E)
	B1 Rotary Selector		+FX 2 SLOT 1 SELECT	Totale		6	СС	83	-	B5	53	hh				Turn coordinate: $1 \sim 30 \text{ (0x01} \sim \text{0x1E)}$ Turn counterclockwise: $127 \sim 98 \text{ (0x7F} \sim 0x62)$
			+FX 2 SLOT 2 SELECT	-		6	СС	84	-	B5	54	hh				
			+FX 2 SLOT 3 SELECT			6	СС	85	_	B5	55	hh				
			+SHIFT			7	СС	100	-	B6	64	hh				
				press		7	NOTE	65	F4	96	41	hh				OFF=0x00, ON=0x7F
			+SHIFT	press		7	NOTE	66	F#4	96	42	hh				OFF=0x00, ON=0x7F
			I		deck1 selected on left deck	7	NOTE	70	A#4	96	46	hh				OFF=0x00, ON=0x7F
			+SHIFT			7	NOTE	88	E6	96	58	hh				OFF=0x00, ON=0x7F
	B0.1		0.00		deck2 selected on right deck	7	NOTE	71	B4	96	47	hh				OFF=0x00, ON=0x7F
	B2-L B2-R	LOAD	+SHIFT	press		7	NOTE	89 72	F6 C5	96 96	59 48	hh hh				OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	DZ-IX		+SHIFT		deck3 selected on left deck	7	NOTE	96	C7	96	60	hh				OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+31111 T			7	NOTE	73	C#5	96	49	hh				OFF=0x00, ON=0x7F
			+SHIFT		deck4 selected on right deck	7	NOTE	97	C#7	96	61	hh				OFF=0x00, ON=0x7F

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				User Inter	face	N	MIDI assig	jn reference	e 1	(t	MIDI-IN	or)	MIDI-OUT (from computer)	
Group	Fig.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Dat	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)		Details (Data 2)
ECK	D1	PLAY/PAUSE	+SHIFT	press		1/2/3/4	NOTE NOTE	11 71	B-1 B4	9n 9n	0B 47	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	D2	CUE		press		1/2/3/4	NOTE	12	C0	9n	0C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT		Vinyl On	1/2/3/4 1/2/3/4	NOTE	72 34	C5 —	9n Bn	48 22	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F Difference count value from last operation
		JOG	OLUET	rotate	Vinyl Off	1/2/3/4	CC	35	_	Bn	23	hh		Turn clockwise : Increases from 65 (0x41)
		(Platter)	+SHIFT			1/2/3/4 1/2/3/4	CC NOTE	31 54	- F#3	Bn 9n	1F 36	hh hh		Turn counterclockwise : Decreases from 63 (0x3F) OFF=0x00, ON=0x7F
	D3		+SHIFT	touch		1/2/3/4	NOTE	103	G7	9n	67	hh		OFF=0x00, ON=0x7F
		JOG				1/2/3/4	CC	33	_	Bn	21	hh		Difference count value from last operation
		(Wheel Side)	+SHIFT	rotate		1/2/3/4	СС	38	_	Bn	26	hh		Turn clockwise : Increases from 65 (0x41) Turn counterclockwise : Decreases from 63 (0x3F)
								0			00	MSB		
	D4	Tempo		slide		1/2/3/4	СС	32	_	Bn	20	LSB		Min (MSB : 0x00, LSB : 0x00) ∼ Max (MSB : 0x7F, LSB : 0x7F) "−" side : Min
			+SHIFT			1/2/3/4	CC	5 37	-	Bn	05 25	MSB LSB		"+" side : Max
			-			3	NOTE	114	F#8	92	72	hh	92 72 00	OFF=0x00, ON=0x7F
					DECK 3	3	NOTE NOTE	60 60	C4 C4	90 92	3C 3C	7F 00		Deck1 Control On Deck3 Control Off
			+SHIFT		DEGR 3	3	NOTE	23	B0	92	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D5-L	DECK SELECT	+LONG	press		3	NOTE	96	C7	92	60	hh	///	OFF=0x00, ON=0x7F
		1/3				3	NOTE NOTE	114 60	F#8 C4	92 90	72 3C	hh 00	92 72 7F	OFF=0x00, ON=0x7F Deck1 Control Off
					DECK 1	3	NOTE	60	C4	92	3C	7F		Deck3 Control On
			+SHIFT			1	NOTE	23	B0	90	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+LONG			1 4	NOTE NOTE	96 114	C7 F#8	90 93	60 72	hh hh	93 72 00	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
						2	NOTE	60	C4	91	3C	7F	95 72 00	Deck2 Control On
					DECK 4	4	NOTE	60	C4	93	3C	00		Deck4 Control Off
		DECK SELECT	+SHIFT +LONG			4	NOTE	23 96	B0 C7	93 93	17 60	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	D5-R	DECK SELECT 2/4	+LONG	press		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
			+SHIFT		DECK 2	4 2	NOTE	60 23	C4 B0	93 91	3C 17	7F hh	← Same as MIDI-IN	Deck4 Control On OFF=0x00, ON=0x7F
			+LONG			2	NOTE	96	C7	91	60	hh	Salife as MIDI-IIV	OFF=0x00, ON=0x7F
	D6	AUTO LOOP		press		1/2/3/4	NOTE	20	G#0	9n	14	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2/3/4 1/2/3/4	NOTE	80 18	G#5 F#0	9n 9n	50 12	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F 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 17	G0 F0	9n 9n	13 11	hh hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	D9	SYNC		press		1/2/3/4	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
ER	50		+SHIFT	-		1/2/3/4	NOTE	92 31	G#6	9n	5C 1F	hh MSB	← Same as MIDI-IN	OFF=0x00, ON=0x7F Misc (MCD + 0x00 CD + 0x00) c + Mov (MCD + 0x7E CD + 0x7E)
	M1	CROSSFADER		slide		7	CC	63	_	В6	3F	LSB		$\begin{array}{l} \mbox{Min (MSB: 0x00, LSB: 0x00)} \sim \mbox{Max (MSB: 0x7F, LSB: 0x7F)} \\ \mbox{Min at left side, Max at right side} \end{array}$
	M2-1 M2-2	CH FADER		slide		1/2/3/4	СС	19 51	_	Bn	13 33	MSB LSB		Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) Min at bottom end, Max at top end
			+SHIFT			1/2/3/4	NOTE	102	F#7	9n	66	hh		PLAY message only for fader start OFF=0x00, ON=0x7F
	M1 M2-1 M2-2	CROSSFADER / CH FADER (Fader Start)	+SHIFT	slide	Zero → not Zero	1/2/3/4	NOTE	81	A5	9n	51	hh		SYNC message only for fader start OFF=0x00, ON=0x7F
			+SHIFT		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	СС	4 36	_	Bn	04 24	MSB LSB		$\label{eq:min} \begin{array}{l} \mbox{Min (MSB: 0x00, LSB: 0x00)} \sim \mbox{Max (MSB: 0x7F, LSB: 0x7F)} \\ \mbox{When turned fully counterclockwise: Min} \\ \mbox{When turned fully clockwise: Max} \end{array}$
	M4-1 M4-2	EQ HI		rotate		1/2/3/4	СС	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	СС	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	СС	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	CUE				1/2/3/4	NOTE	84	C6	9n	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	M7-1 M7-2	(Headphone)	+SHIFT	press		1/2/2/4	NOTE	104	G#7	9n	68	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIF I			1/2/3/4		104					Same as MIDI-IN	
	M8	MASTER CUE	+SHIFT	press		7	NOTE NOTE	99 98	D#7	96 96	63 62	hh hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	M9	MASTER LEVEL		rotate		7	СС	8 40	-	В6	08 28	MSB LSB		Min (MSB : 0x00, LSB : 0x00) ∼ Max (MSB : 0x7F, LSB : 0x7F)
						+	+	13	1		0D	MSB		
	N40	HEADPHONES		rotat-		7	00							
	M10	HEADPHONES LEVEL SHIFT		rotate		7	CC	45 63	_	B6 96	2D 3F	LSB		Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) OFF=0x00, ON=0x7F

				User Inter	rface	V	IIDI assig	n reference	1	(te	MIDI-IN	er)		MIDI-OUT		
Group	Fig.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	a (Data 1) (English	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data 2)
EFFECT		FILTER (CH1)		rotate		7	СС	23 55	scale) —	В6	17 37	MSB LSB				Min (MSB : 0x00, LSB : 0x00) \sim Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	F1-1	FILTER (CH2)		rotate		7	СС	24 56	-	В6	18 38	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 (CH3)		rotate		7	СС	25 57	_	В6	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	СС	26 58	_	В6	1A 3A	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ∼ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
			+SHIFT			5 5	NOTE NOTE	80 102	G#5 F#7	94	50 66	hh hh				OFF=0x00, ON=0x7F
			FX 1 SLOT 1 ON			5	NOTE	71	B4	94	47	hh				OFF=0x00, ON=0x7F
		FX 1 ON/OFF	FX 1 SLOT 2 ON	press		5	NOTE	72	C5	94	48	hh				OFF=0x00, ON=0x7F
	F2-1		FX 1 SLOT 3 ON			5	NOTE	73	C#5	94	49	hh				OFF=0x00, ON=0x7F
	F2-2		+SHIFT FX 2			6	NOTE NOTE	80 102	G#5 F#7	95 95	50 66	hh hh				OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			SLOT 1 ON			6	NOTE	71	B4	95	47	hh				OFF=0x00, ON=0x7F
		FX 2 ON/OFF	FX 2 SLOT 2 ON	press		6	NOTE	72	C5	95	48	hh				OFF=0x00, ON=0x7F
			FX 2 SLOT 3			6	NOTE	73	C#5	95	49	hh				OFF=0x00, ON=0x7F
	F3-1	FX 1 SLOT 1 SELECT	ON +SHIFT	press		5	NOTE NOTE	112 99	E8	94	70 63	hh hh		ame as Mi ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	F3-2	FX 2 SLOT 1 SELECT	+SHIFT	press		6	NOTE	112 99	E8 D#7	95 95	70 63	hh hh	← Sa	ame as MI	IDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	F4-1	FX 1 SLOT 2 SELECT	+SHIFT	press		5 5	NOTE NOTE	113 6	F8 F#-1	94 94	71 06	hh hh	← Sa	ame as Mi ame as Mi	IDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	F4-2	FX 2 SLOT 2 SELECT	+SHIFT	press		6	NOTE NOTE	113 6	F8 F#-1	95 95	71 06	hh hh	← Sa	ame as MI ame as MI	IDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	F5-1	FX 1 SLOT 3 SELECT	+SHIFT	press		5	NOTE	7	F#8 G-1	94 94	72 07	hh hh	← Sa	ame as MI ame as MI	IDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	F5-2	FX 2 SLOT 3 SELECT	+SHIFT	press		6	NOTE NOTE	114 7	F#8 G-1	95 95	72 07	hh hh		ame as Mi ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			FX 1 SLOT 1 ON			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
			FX 1 SLOT 2			5	СС	4 36	_	В4	04 24	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ~ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min
			ON FX 1 SLOT 3			5	СС	6	_	B4	06	MSB				When turned fully clockwise: Max Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F) When turned fully counterclockwise: Min
	F6	LEVEL/DEPTH	ON FX 2	rotate				2			26 02	LSB MSB	-	-	-	When turned fullv clockwise : Max Min (MSB : 0x00, LSB : 0x00) ∼ Max (MSB : 0x7F, LSB : 0x7F)
			SLOT 1 ON FX 2			6	CC	34	_	B5	22	LSB			_	When turned fully counterclockwise: Min When turned fully clockwise: Max Min (MSB: 0x00, LSB: 0x00) ~ Max (MSB: 0x7F, LSB: 0x7F)
			SLOT 2 ON			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
			FX 2 SLOT 3 ON			6	СС	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				press	HOT CUE mode	8/10/12/14	NOTE	0	C-1	9р	00	hh		ame as Mi		OFF=0x00, ON=0x7F
			+SHIFT	proce	AUTO LOOP	9/11/13/15 8/10/12/14	NOTE NOTE	16	C-1 E0	9p 9p	10	hh hh		ame as Mi ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	mode	9/11/13/15		16	E0	9p	10	hh	← Sa	ame as MI	IDI-IN	OFF=0x00, ON=0x7F
			+SHIFT	press	TRACKING SCRATCH mode	8/10/12/14 9/11/13/15	NOTE NOTE	32 32	G#1	9p 9p	20	hh hh				OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	SAMPLER mode	8/10/12/14 9/11/13/15	NOTE	48	C3	9p 9p	30 30	hh hh		ame as Mi ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	P1	PAD 1	+311111	press	BEAT JUMP	8/10/12/14	NOTE	64	E4	9p	40	hh		ame as Mi		OFF=0x00, ON=0x7F
			+SHIFT		mode	9/11/13/15	NOTE NOTE	64	E4	9p	40 50	hh hh		a <mark>me as M</mark> ame as MI		OFF=0x00, ON=0x7F
			+SHIFT	press	ROLL mode	8/10/12/14 9/11/13/15	NOTE	80	G#5	9p 9p	50	hh		ame as M		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	TRANS mode	8/10/12/14 9/11/13/15	NOTE	96 96	C7	9p 9p	60 60	hh hh			_	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	SCRATCH BANK mode	8/10/12/14 9/11/13/15	NOTE	112	E8	9p 9p	70 70	hh		ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
				press	HOT CUE mode	8/10/12/14	NOTE	1	C#-1	9p	01	hh	← Sa	ame as MI	IDI-IN	OFF=0x00, ON=0x7F
			+SHIFT	press	AUTO LOOP mode	9/11/13/15 8/10/12/14	NOTE	17	C#-1 F0	9p 9p	01 11	hh hh		ame as Mi ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	TRACKING SCRATCH	9/11/13/15 8/10/12/14	NOTE NOTE	17 33	F0 A1	9p 9p	11 21	hh hh	← Sa	ame as MI	DI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	mode SAMPLER	9/11/13/15 8/10/12/14	NOTE NOTE	33 49	A1 C#3	9p 9p	21 31	hh hh	← Sa	ame as MI	IDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
	P2	PAD 2	+SHIFT	μισοδ	mode BEAT JUMP	9/11/13/15 8/10/12/14	NOTE NOTE	49 65	C#3 F4	9p 9p	31 41	hh hh		ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	mode	9/11/13/15	NOTE	65	F4	9p 9p	41	hh		ame as Mi ame as Mi		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			TOTILE	press	ROLL mode	8/10/12/14	NOTE	81 81	A5	9p	51 51	hh		ame as Mi		OFF=0x00, ON=0x7F
			+SHIFT	press	TRANS mode	9/11/13/15 8/10/12/14	NOTE	97	A5 C#7	9p 9p	51 61	hh hh		arrie as Mi	NI-IG	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT		SCRATCH BANK	9/11/13/15 8/10/12/14	NOTE NOTE	97 113	C#7 F8	9p 9p	61 71	hh hh	← Sa	ame as MI	IDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	press	mode	9/11/13/15		113	F8	9p	71	hh		ame as MI		OFF=0x00, ON=0x7F

				User Inter	face	M	/IIDI assig	n reference	1	(to	MIDI-IN	r)	MIDI-OUT (from computer)					
Group	Fig.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	a (Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status Data 1 Data 2 (Hex) (Hex)	Details (Data 2)				
PAD			OUTET	press	HOT CUE mode	8/10/12/14	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	AUTO LOOP mode	9/11/13/15 8/10/12/14	NOTE	18	D-1 F#0	9p 9p	12	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	TRACKING SCRATCH	9/11/13/15 8/10/12/14	NOTE NOTE	18 34	F#0 A#1	9p 9p	12 22	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	prood	mode SAMPLER	9/11/13/15 8/10/12/14	NOTE NOTE	34 50	A#1 D3	9p 9p	22 32	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
	P3	PAD 3	+SHIFT	press	mode	9/11/13/15	NOTE	50	D3	9p	32	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	BEAT JUMP mode	8/10/12/14 9/11/13/15	NOTE	66 66	F#4	9p 9p	42	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	ROLL mode	8/10/12/14 9/11/13/15	NOTE NOTE	82 82	A#5	9p 9p	52 52	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	TRANS mode	8/10/12/14 9/11/13/15	NOTE	98 98	D7	9p 9p	62 62	hh hh		OFF=0x00, ON=0x7F 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	press	HOT CUE mode	9/11/13/15 8/10/12/14	NOTE	114 3	F#8 D#-1	9p 9p	72 03	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	AUTO LOOP	9/11/13/15 8/10/12/14	NOTE NOTE	3 19	D#-1 G0	9p 9p	03 13	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	'	mode TRACKING SCRATCH	9/11/13/15 8/10/12/14	NOTE NOTE	19 35	G0 B1	9p 9p	13 23	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	mode	9/11/13/15	NOTE	35	B1	9p	23	hh		OFF=0x00, ON=0x7F				
	P4	PAD 4	+SHIFT	press	SAMPLER mode	8/10/12/14 9/11/13/15	NOTE	51 51	D#3	9p 9p	33	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	BEAT JUMP mode	8/10/12/14 9/11/13/15	NOTE NOTE	67 67	G4 G4	9p 9p	43 43	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			CHIET	press	ROLL mode	8/10/12/14	NOTE	83	B5	9p	53	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	TRANS mode	9/11/13/15 8/10/12/14	NOTE	83 99	B5 D#7	9p 9p	53 63	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	SCRATCH BANK	9/11/13/15 8/10/12/14	NOTE NOTE	99 115	D#7 G8	9p 9p	63 73	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT		mode HOT CUE	9/11/13/15 8/10/12/14	NOTE NOTE	115 4	G8 E-1	9p 9p	73 04	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	mode	9/11/13/15		4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	AUTO LOOP mode	8/10/12/14 9/11/13/15	NOTE	20	G#0 G#0	9p 9p	14	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	TRACKING SCRATCH mode	8/10/12/14 9/11/13/15	NOTE NOTE	36 36	C2 C2	9p 9p	24	hh hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	SAMPLER mode	8/10/12/14 9/11/13/15	NOTE	52 52	E3	9p 9p	34 34	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
	P5	PAD 5		press	BEAT JUMP mode	8/10/12/14	NOTE	68	G#4	9p	44	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	ROLL	9/11/13/15 8/10/12/14	NOTE	68 84	G#4 C6	9p 9p	54	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
							+SHIFT	press	mode TRANS	9/11/13/15 8/10/12/14	NOTE NOTE	100	C6 E7	9p 9p	54 64	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F
			+SHIFT	·	mode SCRATCH BANK	9/11/13/15 8/10/12/14	NOTE NOTE	100 116	E7 G#8	9p 9p	64 74	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	mode	9/11/13/15	NOTE	116	G#8	9p	74	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	HOT CUE mode	8/10/12/14 9/11/13/15	NOTE	5 5	F-1	9p 9p	05 05	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	AUTO LOOP mode	8/10/12/14 9/11/13/15	NOTE NOTE	21 21	A0 A0	9p 9p	15 15	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	TRACKING SCRATCH mode	8/10/12/14	NOTE	37	C#2	9p	25	hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
				press	SAMPLER mode	9/11/13/15 8/10/12/14		53	C#2 F3	9p 9p	25 35	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
	P6	PAD 6	+SHIFT	press	BEAT JUMP	9/11/13/15 8/10/12/14	NOTE NOTE	53 69	F3 A4	9p 9p	35 45	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT		mode ROLL	9/11/13/15 8/10/12/14	NOTE NOTE	69 85	A4 C#6	9p 9p	45 55	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	mode	9/11/13/15	NOTE	85	C#6	9p	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	TRANS mode	8/10/12/14 9/11/13/15	NOTE	101	F7	9p 9p	65 65	hh hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	SCRATCH BANK mode	8/10/12/14 9/11/13/15	NOTE NOTE	117 117	A8 A8	9p 9p	75 75	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	HOT CUE mode	8/10/12/14 9/11/13/15	NOTE	6	F#-1	9p 9p	06 06	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F 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	press	TRACKING SCRATCH mode	9/11/13/15 8/10/12/14	NOTE	38	A#0 D2	9p 9p	16 26	hh hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	SAMPLER	9/11/13/15 8/10/12/14	NOTE NOTE	38 54	D2 F#3	9p 9p	26 36	hh hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
	P7 PAD 7	PAD 7	+SHIFT	·	mode BEAT JUMP	9/11/13/15 8/10/12/14	NOTE NOTE	54 70	F#3 A#4	9p 9p	36 46	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	mode	9/11/13/15	NOTE	70	A#4	9p	46	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F				
			+SHIFT	press	ROLL mode	8/10/12/14 9/11/13/15		86 86	D6	9p 9p	56 56	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	TRANS mode	8/10/12/14 9/11/13/15	NOTE NOTE	102 102	F#7	9p 9p	66 66	hh hh		OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			+SHIFT	press	SCRATCH BANK mode	8/10/12/14 9/11/13/15	NOTE	118 118	A#8	9p 9p	76 76	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F OFF=0x00, ON=0x7F				
			TOTAL I	Ī		<u> </u>	HOTE	110	, THO	υþ	70	.111	Came as WIIDI*IIV					

				User Inter	face	MIDI assign reference 1					MIDI-IN compute	er)	MIDI-OUT (from computer)	
Group	oup Fig. UI name	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	(Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status Data 1 Data 2 (Hex) (Hex)	Details (Data 2)
PAD				press	HOT CUE mode	8/10/12/14		7	G-1	9p	07	hh		OFF=0x00, ON=0x7F
			+SHIFT			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		23	В0	9р	17	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			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	9р	27	hh		OFF=0x00, ON=0x7F
			+SHIFT		mode	9/11/13/15	NOTE	39	D#2	9p	27	hh		OFF=0x00, ON=0x7F
			+SHIFT	press	SAMPLER mode	8/10/12/14	NOTE	55	G3	9р	37	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	P8	PAD 8		+SHIFT		mode	9/11/13/15	NOTE	55	G3	9р	37	hh	← Same as MIDI-IN
			press	BEAT JUMP mode	8/10/12/14	NOTE	71	B4	9р	47	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
			+SHIFT	Т	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	9р	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT		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	9р	67	hh		OFF=0x00, ON=0x7F
			+SHIFT		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	9р	77	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT		mode	9/11/13/15		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		OFF=0x00, ON=0x7F
			+SHIFT	,		1/2/3/4	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	P10	AUTO LOOP	+SHIFT	press		1/2/3/4	NOTE NOTE	30 107	F#1 B7	9n 9n	1E 6B	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF=0x00, ON=0x7F 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
	F 11	TRACKING	+SHIFT	piess		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		OFF=0x00, ON=0x7F
	' '2	OAWII EIX	+SHIFT	p1000		1/2/3/4	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F