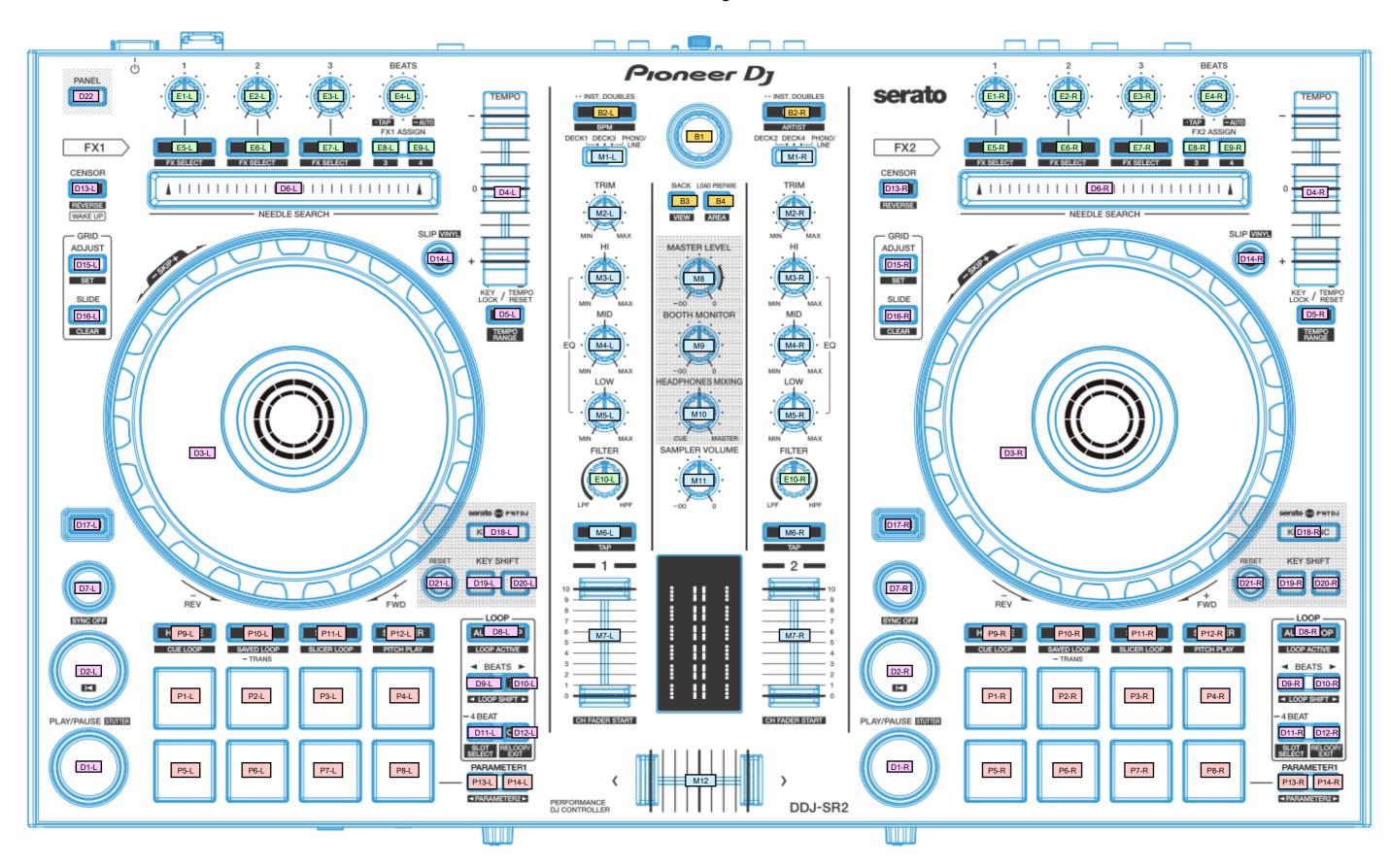
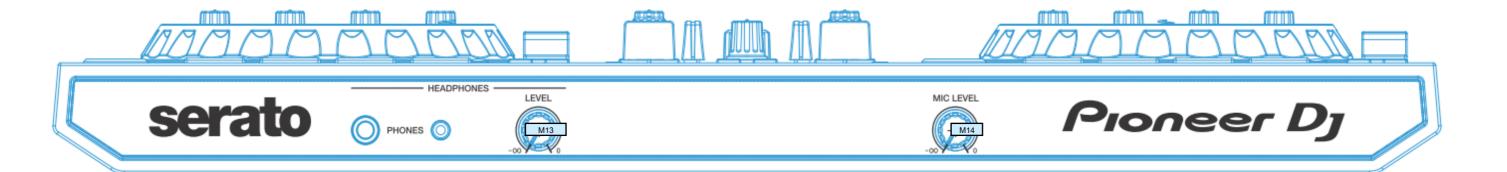
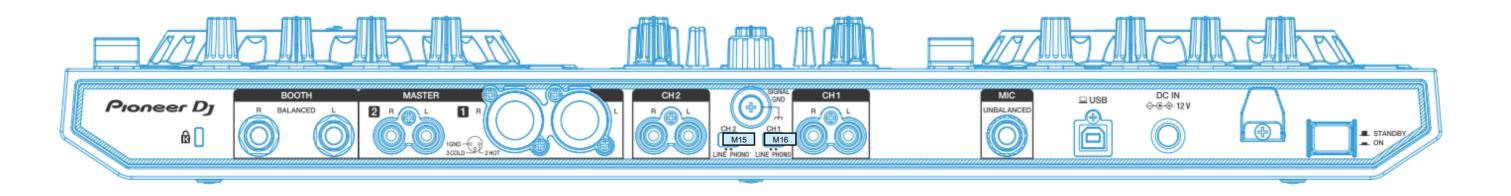


DDJ-SR2

List of MIDI messages version 1.00







[MIDI channel assignment]

MIDI channel is defined as shown below.

0x9*: Note

0xB*: Control Change (CC)	*: value of o	alue of channel No. (n/m/p)				
Channel category	MIDI channe	Channel No. (Hex)				
DECK1	1	n = 0				
DECK2	2	n = 1				
DECK3	3	n = 2				
DECK4	4	n = 3				
FX1	5	m = 4				
FX2	6	m = 5				

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.

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BROWSER, GLOBAL SECTION	7	6
PERFORMANCE PAD (DECK1)	8	p = 7
PERFORMANCE PAD (DECK2)	9	p = 8
PERFORMANCE PAD (DECK3)	10	p = 9
PERFORMANCE PAD (DECK4)	11	p = A
MIDI-OUT	12	В

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 halftone.

			User i	interface		М	IDI assign	reference	1	(4.5	MIDI-IN	- ri)		MIDI-OU		
Group	Fig.	UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Dat	a (Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	er) Data 2 (Hex)		m compu Data 1 (Hex)	Data 2 (Hex)	Details (Data 2)
ROWSER						7	CC	64	-	B6	40	hh				Difference count value from when previous operated.
	B1	BROWSE	rotate	+SHIFT	r	7	CC	100	-	B6	64	hh				When turned clockwise: $1 \sim 30 (0x01 \sim 0x1E)$
	DI	DRUWSE				7	NOTE	65	F4	96	41	hh				When turned counterclockwise: $127 \sim 98 (0x7F \sim OFF = 0 (0x00), ON = 127 (0x7F)$
			press	+SHIFT	Ē	7	NOTE	66	F#4	96	42	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	B2-L	LOAD	press			7	NOTE	70	A#4	96	46	hh				OFF = 0 (0x00), ON = 127 (0x7F)
		20/12	pi 655	+SHIFT	Γ	7	NOTE	88	E6	96	58	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	B2-R	LOAD	press	+SHIFT		7	NOTE NOTE	71 89	B4 F6	96 96	47 59	hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
						7	NOTE	101	F7	96	65	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	B3	BACK	press	+SHIFT	Ē	7	NOTE	102	F#7	96	66	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	B4	LOAD	press			7	NOTE	103	G7	96	67	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D1-L	PREPARE	I	+SHIFT	Γ	7	NOTE	104	G#7	96	68 010	hh		ne as M		OFF = 0 (0x00), ON = 127 (0x7F)
	D1-L D1-R	PLAY/PAUSE	press	+SHIFT		1/2/3/4 1/2/3/4	NOTE NOTE	11 71	B-1 B4	9n 9n	0B 47	hh hh		ne as M		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	D2-L					1/2/3/4	NOTE	12	CO	9n	0C	hh		ne as M		OFF = 0 (0x00), ON = 127 (0x7F)
	D2-R	CUE	press	+SHIFT	Г	1/2/3/4	NOTE	72	C5	9n	48	hh	← Sar	ne as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
			touch			1/2/3/4	NOTE	54	F#3	9n	36	hh				OFF = 0 (0x00), ON = 127 (0x7F)
		JOG		+SHIFT	Vinyl On	1/2/3/4 1/2/3/4	NOTE CC	103 34	G7	9n Bn	67 22	hh hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D3-L	(PLATTER)	rotate		Vinyl Off	1/2/3/4	CC	34	-	Bn	22	hh				Difference count value from when previous operated.
	D3-R			+SHIFT		1/2/3/4	CC	31	-	Bn	1F	hh				When turned clockwise: Increases from 0x41
		JOG	rotate			1/2/3/4	CC	33	-	Bn	21	hh				When turned counterclockwise: Decreases from 0x3F
		(WHEEL SIDE)	Totate	+SHIFT	Г	1/2/3/4	CC	38	-	Bn	26	hh				
	D4-L					1/2/3/4	СС	0	-	Bn	00	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
	D4-L D4-R	TEMPO	slide		-			32 5			20 05	LSB MSB				"-" side : Min(MSB:0x00 LSB:0x00)
				+SHIFT	Γ	1/2/3/4	CC	37	-	Bn	25	LSB				"+" side : Max(MSB:0x7F LSB:0x7F)
	D5-L		proce			1/2/3/4	NOTE	26	D1	9n	1A	hh	← Sar	ne as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
	D5-R	KEY LOCK	press	+SHIFT	ſ	1/2/3/4	NOTE	96	C7	9n	60	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	DUR		long pres	SS		1/2/3/4	NOTE	28	E1	9n	1C	hh	← Sar	ne as M		OFF = 0 (0x00), ON = 127 (0x7F)
	D6-L	NEEDLE				1/2/3/4 1/2/3/4	CC NOTE	3 67	- G4	Bn 9n	03 43	hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	D6-R	SEARCH	touch			1/2/3/4		40	-	Bn	28	hh				OFF = 0 (0x00), ON = 127 (0x7F)
				+SHIFT		1/2/3/4	NOTE	68	G#4	9n	44	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D7-L	SYNC	press			1/2/3/4	NOTE	88	E6	9n	58	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D7-R	00	p: 666	+SHIFT		1/2/3/4	NOTE	92	G#6	9n	5C	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D8-L D8-R	AUTO LOOP	press	+SHIFT		1/2/3/4 1/2/3/4	NOTE NOTE	20 80	G#0 G#5	9n 9n	14 50	hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	D8-R D9-L					1/2/3/4	NOTE	18	F#0	911 911	12	hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	D9-R	LOOP 1/2X	press	+SHIFT	Ē	1/2/3/4	NOTE	97	C#7	9n	61	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D10-	LOOP 2X	press			1/2/3/4	NOTE	19	G0	9n	13	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L	LOOF 2A	press	+SHIFT	Ē	1/2/3/4	NOTE	98	D7	9n	62	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D11-	LOOP IN	press			1/2/3/4	NOTE NOTE	16 76	E0	9n	10	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L D11-		long pres	+SHIFT		1/2/3/4 1/2/3/4	NOTE	69	E5 A4	9n 9n	4C 45	hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	D12-					1/2/3/4	NOTE	17	F0	9n	11	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L	LOOP OUT	press	+SHIFT	Ē	1/2/3/4	NOTE	77	F5	9n	4D	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D13-	CENSOR	press			1/2/3/4	NOTE	21	A0	9n	15	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L D14		p	+SHIFT		1/2/3/4	NOTE	56	G#3	9n	38	hh				OFF = 0 (0x00), ON = $127 (0x7F)$
	D14-	SLIP	press	+SHIFT		1/2/3/4 1/2/3/4	NOTE NOTE	64 23	E4 B0	9n 9n	40 17	hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	L D15-					1/2/3/4	NOTE	121	C#9	9n	79	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L	GRID ADJUST	press	+SHIFT	Ē	1/2/3/4	NOTE	100	E7	9n	64	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	D16-	GRID SLIDE	press			1/2/3/4	NOTE	10	A#-1	9n	0A	hh	← Sar	ne as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
	L		P1 C33	+SHIFT	Γ	1/2/3/4	NOTE	101	F7	9n	65	hh	← Sar	ne as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
	D17-	SHIFT	press			1/2/3/4	NOTE	63	D#4	9n	3F	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L D18-					1/2/3/4	NOTE	112	E8	9n	70	hh	← Car	ne ac M		OFF = 0 (0x00), ON = 127 (0x7F)
	L	KEY SYNC	press	+SHIFT	F	1/2/3/4	NOTE	112	C#0	911 911	0D	hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
	D19-		PFOOFOOFOOFOOFOOFOOFOOOFOOOOOOOOOOOOO			1/2/3/4	NOTE	114	F#8	9n	72	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	L	KEY DOWN	press	+SHIFT	Г	1/2/3/4	NOTE	15	D#0	9n	0F	hh	← Sar	ne as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
	D20-	KEY UP	press			1/2/3/4	NOTE	115	G8	9n	73	hh				$OFF = 0 (0 \times 00), ON = 127 (0 \times 7F)$
	L D21-			+SHIFT		1/2/3/4	NOTE	22 113	A#0	9n 9n	16 71	hh bb				OFF = 0 (0x00), ON = 127 (0x7F) $OFF = 0 (0x00), ON = 127 (0x7F)$
		KEY RESET	press	+SHIFT	ł	1/2/3/4 1/2/3/4	NOTE NOTE	113 14	F8 D0	9n 9n	71 0E	hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
		DANE				7	NOTE	120	C9	96	0L 78	hh			-	OFF = 0 (0x00), ON = 127 (0x7F)
	D22	PANEL	press	+SHIFT	r	7	NOTE	121	C#9	96	79	hh				OFF = 0 (0x00), ON = 127 (0x7F)
(ER						1	NOTE	85	C#6	90	55	00				-
					Slide from Deck1	3	NOTE	85	C#6	92	55	00	92	56	7F	-
					to Deck3	1	NOTE NOTE	86 86	D6	90 92	56 56	00 7F	{			-
						<u> </u>	NOTE	86 86	D6 D6	92 90	56 56	7F 00				-
					Slide from Deck3	3	NOTE	86	D6	92	56	00	90	57	7F	-
	ı				to PHONO/LINE	1	NOTE	87	D#6	90	57	7F	92	57	7F	-
					1	3	NOTE	87	D#6	92	57	7F] 22	5/	/٢	-
	M1-I	INPUT	slide			<u> </u>										
	M1-L	INPUT SELECT	slide		Slide from	1	NOTE	87	D#6	90	57	00				-
	M1-L		slide		Slide from PHONO/LINE to		NOTE NOTE NOTE	87 87 86	D#6 D#6 D6	90 92 90	57 57 56	00 00 00	92	56	7F	-

Pioneer Dj

						1	NOTE	86	D6	90	56	00				-
					Slide from Deck3 to Deck1	3	NOTE NOTE	86 85	D6 C#6	92 90	56 55	00 7F	90	55	7F	-
					LO DECKI	3	NOTE	85	C#6	90	55	00	-			-
-						2	NOTE	85	C#6	91	55	00				-
					Slide from Deck2	4	NOTE	85	C#6	93	55	00	93	56	7F	-
					to Deck4	2	NOTE NOTE	86 86	D6 D6	91 93	56 56	00 7F	-			-
						2	NOTE	86	D6	91	56	00	91	57	7F	-
					Slide from Deck4	4	NOTE	86	D6	93	56	00		57	/1	-
		INPUT			to PHONO/LINE	2	NOTE NOTE	87 87	D#6 D#6	91 93	57 57	7F 7F	93	57	7F	-
1	M1-R	SELECT	slide		Slide from	2	NOTE	87	D#6	91	57	00				-
					PHONO/LINE to	4	NOTE	87	D#6	93	57	00	93	56	7F	-
					Deck4	2	NOTE NOTE	86 86	D6 D6	91 93	56 56	00 7F	-			-
						2	NOTE	86	D6	93	56	00				-
					Slide from Deck4	4	NOTE	86	D6	93	56	00	91	55	7F	-
					to Deck2	2	NOTE	85	C#6	91	55	7F				-
-						4	NOTE	85	C#6	93	55	00	/	/		<pre></pre>
	M2-L M2-R	TRIM	rotate			1/2/3/4	СС	4 36	-	Bn	04 24	MSB LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max
,	M3-L							7			07	MSB			/	Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
	M3-L M3-R	EQ HIGH	rotate			1/2/3/4	СС	39	-	Bn	27	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max
1	M4-L	50 1475						11		_	0B	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
٩	M4-R	EQ MID	rotate			1/2/3/4	CC	43	-	Bn	2B	LSB				When turned fully counterclockwise: Min When turned fully clockwise: Max
1	M5-L	EQ LOW	rotate			1/2/3/4	СС	15		Bn	0F	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min
1	M5-R		rotate			1/2/3/4		47	-	DI	2F	LSB				When turned fully clockwise: Max
-						1/2/2/4	NOTE	0.4	66	0				/	/	· · · · · · · · · · · · · · · · · · ·
	M6-L	CUE	press			1/2/3/4	NOTE	84	C6	9n	54	hh				OFF = 0 (0x00), ON = 127 (0x7F)
1	M6-R	(HEADPHONE)		+SHIFT	-	1/2/3/4	NOTE	104	G#7	9n	68	hh				OFF = 0 (0x00), ON = 127 (0x7F)
F.				1				19			13	MSB				
	M7-L M7-R	CH FADER	slide			1/2/3/4	СС	51	-	Bn	33	LSB		/	/	Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) Min at bottom end, Max at top end
	M8	MASTER	rotate			7	СС	8	_	B6	08	MSB				MIN(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min
	1410	LEVEL	Totale					40	-	ВО	28	LSB				
Ī,	M0	BOOTH				_	66	9		DC	09	MSB				When turned fully clockwise: Max Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
P	M9	MONITOR LEVEL	rotate			7	CC	41	-	B6	29	LSB				When turned fully counterclockwise: Min
F		HEADPHONES						12			0C	MSB		/	/	When turned fully clockwise: Max Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
1	M10	MIXING	rotate			7	CC	44	-	B6	2C	LSB				When turned fully counterclockwise: Min
F								3			03	MSB	/ /	/	/	When turned fully clockwise: Max Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
						7	CC	35	-	B6	23	LSB				When turned fully counterclockwise: Min
1	M11	SAMPLER VOLUME	rotate					55			23	200		/	/	When turned fully clockwise: Max 0x00~0x7F
		VOLONIE		+SHIFT		7	СС	105	-	B6	69	hh				When turned fully counterclockwise: 0x00
Ļ								24			15	1400				When turned fully clockwise: 0x7F
1	M12	CROSS FADER	slide			7	СС	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
F		HEADPHONES						13			0D	MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
٦	M13	LEVEL	rotate			7	CC		-	B6						When turned fully counterclockwise: Min
-								45			2D	LSB	/	/		When turned fully clockwise: Max Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
1	M14	MIC LEVEL	rotate			7	СС	10	-	B6	0A	MSB				When turned fully counterclockwise: Min
								42			2A	LSB				When turned fully clockwise: Max
		LINE/PHONO(CH	slide			7	NOTE	63	D#4	96	3F	hh				PHONO = 0 (0x00), LINE = 127 (0x7F)
ECT	M16	LINE/PHONO(CH	slide			7	NOTE	62 2	D4	96	3E 02	hh MSB		\sim		PHONO = 0 (0x00), LINE = 127 (0x7F)
	E1-L	FX1-1	Kok-1			5/6	CC	2 34	-	Bm	22	LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E	E1-R	FX2-1	rotate	+SHIFT]	5/6	СС	18	-	Bm	12	MSB				When turned fully counterclockwise: Min When turned fully clockwise: Max
-								50 4			32 04	LSB MSB		/		
F	E2-L	FX1-2	Kot-1			5/6	CC	4 36	-	Bm	04 24	LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)
E	E2-R	FX2-2	rotate	+SHIFT		5/6	СС	20	-	Bm	14	MSB				When turned fully counterclockwise: Min When turned fully clockwise: Max
F								52 6			34 06	LSB MSB				· · · · · · · · · · · · · · · · · · ·
						5/6	CC	38 22	-	Bm	26 16	LSB MSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min
	E3-L E3-R	FX1-3 FX2-3	rotate							Bm		LSB				When turned fully clockwise: Max
	E3-L E3-R	FX1-3 FX2-3	rotate	+SHIFT	-	5/6	CC	54	-	Din	36	LSD				,
			rotate press	+SHIFT		5/6	NOTE	<mark>54</mark> 67	G4	9m	43	hh				OFF = 0 (0x00), ON = 127 (0x7F)
E		FX2-3	press	+SHIFT	-	5/6 5/6	NOTE NOTE	54 67 107	B7	9m 9m	43 6B	hh hh		\geq		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
E	E3-R			+SHIFT		5/6 5/6 5/6	NOTE	<mark>54</mark> 67		9m	43	hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) Difference count value from when previous operated
E	E3-R E4-L	FX2-3	press	+SHIFT		5/6 5/6 5/6 5/6 5/6	NOTE NOTE NOTE CC	54 67 107 102 0	B7 F#7	9m 9m 9m 8m	43 6B 66 00	hh hh hh hh				OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) Difference count value from when previous operated Turn clockwise: $0x01 \sim 0x1E$ (max)
E	E3-R E4-L	FX2-3	press long press rotate	+SHIFT		5/6 5/6 5/6	NOTE NOTE NOTE	54 67 107 102	B7 F#7 -	9m 9m 9m	43 6B 66	hh hh hh	← Sar	me as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) Difference count value from when previous operated Turn clockwise: $0x01 \sim 0x1E$ (max) Turn counterclockwise: $0x7F \sim 0x62$ (max)
E	E3-R E4-L E4-R E5-L E5-R	FX2-3 BEATS FX1-1 ON FX2-1 ON	press long press	+SHIFT		5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	NOTE NOTE NOTE CC CC NOTE NOTE	54 67 107 0 0 16 71 99	B7 F#7 - - B4 D#7	9m 9m 9m 9m 8m 8m	43 6B 66 00 10 47 63	hh hh hh hh hh hh	← Sar	ne as M	IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) Difference count value from when previous operated Turn clockwise: $0x01 \sim 0x1E$ (max) Turn counterclockwise: $0x7F \sim 0x62$ (max) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
E	E3-R E4-L E4-R E5-L E5-R E6-L	FX2-3 BEATS FX1-1 ON FX2-1 ON FX1-2 ON	press long press rotate	+SHIFT +SHIFT +SHIFT		5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	NOTE NOTE NOTE CC CC NOTE NOTE NOTE	54 67 107 0 16 71 99 72	B7 F#7 - B4 D#7 C5	9m 9m 9m 8m 8m 9m 9m 9m	43 6B 66 00 10 47 63 48	hh hh hh hh hh hh hh hh	<mark>← Sar</mark> ← Sar	<mark>ne as M</mark> ne as M	<mark>IDI-IN</mark> IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) Difference count value from when previous operated Turn clockwise: $0x01 \sim 0x1E$ (max) Turn counterclockwise: $0x7F \sim 0x62$ (max) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
E	E3-R E4-L E4-R E5-L E5-R	FX2-3 BEATS FX1-1 ON FX2-1 ON	press long press rotate press press	+SHIFT +SHIFT		5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	NOTE NOTE NOTE CC CC NOTE NOTE NOTE NOTE	54 67 107 0 0 16 71 99	B7 F#7 - B4 D#7 C5 E7	9m 9m 9m 8m 8m 8m 9m 9m	43 6B 66 00 10 47 63	hh hh hh hh hh hh	← Sar ← Sar ← Sar	<mark>ne as M</mark> ne as M <mark>ne as M</mark>	IDI-IN IDI-IN IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F) Difference count value from when previous operated Turn clockwise: $0x01 \sim 0x1E$ (max) Turn counterclockwise: $0x7F \sim 0x62$ (max) OFF = 0 (0x00), ON = 127 (0x7F)
	E3-R E4-L E4-R E5-L E5-R E6-L E6-R	FX2-3 BEATS FX1-1 ON FX2-1 ON FX1-2 ON FX2-2 ON	press long press rotate press	+SHIFT +SHIFT +SHIFT		5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	NOTE NOTE NOTE CC CC NOTE NOTE NOTE	54 67 107 0 16 71 99 72 100	B7 F#7 - B4 D#7 C5	9m 9m 9m 8m 8m 9m 9m 9m 9m	43 6B 00 10 47 63 48 64	hh hh hh hh hh hh hh hh	$\begin{array}{c} \leftarrow Sar \\ \leftarrow Sar \end{array}$	<mark>ne as M</mark> ne as M <mark>ne as M</mark> ne as M <mark>ne as M</mark>	IDI-IN IDI-IN IDI-IN IDI-IN IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)OFF = 0 (0x00), ON = 127 (0x7F)OFF = 0 (0x00), ON = 127 (0x7F)Difference count value from when previous operatedTurn clockwise: $0x01\sim0x1E$ (max)Turn counterclockwise: $0x7F\sim0x62$ (max)OFF = 0 (0x00), ON = 127 (0x7F)OFF = 0 (0x00), ON = 127 (0x7F)
	E3-R E4-L E4-R E5-L E5-R E6-L E6-R E7-L	FX2-3 BEATS FX1-1 ON FX2-1 ON FX1-2 ON FX2-2 ON FX2-2 ON FX1-3 ON	press long press rotate press press	+SHIFT +SHIFT +SHIFT +SHIFT		5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6 5/6	NOTE NOTE NOTE CC CC NOTE NOTE NOTE NOTE NOTE	54 67 107 0 102 0 16 71 99 72 100 73	B7 F#7 - B4 D#7 C5 E7 C#5	9m 9m 9m 8m 8m 9m 9m 9m 9m 9m	43 6B 00 10 47 63 48 64 49	hh hh hh hh hh hh hh hh hh	← Sar ← Sar ← Sar ← Sar ← Sar ← Sar	ne as M ne as M ne as M ne as M ne as M ne as M	IDI-IN IDI-IN IDI-IN IDI-IN IDI-IN IDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)OFF = 0 (0x00), ON = 127 (0x7F)OFF = 0 (0x00), ON = 127 (0x7F)Difference count value from when previous operatedTurn clockwise: $0x01 \sim 0x1E$ (max)Turn counterclockwise: $0x7F \sim 0x62$ (max)OFF = 0 (0x00), ON = 127 (0x7F)OFF = 0 (0x00), ON = 127 (0x7F)

Pioneer Dj

		Pi C35	+SHIFT	1	7	NOTE	84	C6	96	54	hh	← Same a	s MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)	
E8-R		press	_		7	NOTE	77	F5	96	4D	hh			OFF = 0 (0x00), ON = 127 (0x7F)	
	FX2 ASSIGN	press	+SHIFT		7	NOTE	113	F8	96	71	hh	← Same a			
E9-R		press	+SHIFT		7	NOTE NOTE	81 85	A5 C#6	96 96	51 55	hh hh	← Same a ← Same a		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)	
							23			17	MSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
		rotate		DECK1	7	СС		-	B6					When turned fully counterclockwise: Min	
E10-L	FILTER		+SHIFT				55			37	LSB			When turned fully clockwise: Max	
					_		25			19	MSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
		rotate	+SHIFT	DECK3	7	CC	57	-	B6	39	LSB			When turned fully counterclockwise: Min	
														When turned fully clockwise: Max Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
		rotate		DECK2	7	СС	24	-	B6	18	MSB			When turned fully counterclockwise: Min	
E10-			+SHIFT				56			38	LSB			When turned fully clockwise: Max	
R	FILTER						26			1A	MSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F)	
		rotate		DECK4	7	СС		-	B6					When turned fully counterclockwise: Min	
			+SHIFT				58			3A	LSB			When turned fully clockwise: Max	
				in HOT CUE mode in SAVED FLIP mode	8/9/10/11	NOTE NOTE	0	C-1 G#-1	9p	00	hh hh	$\leftarrow \text{Same a} \\ \leftarrow \text{Same a} \\ \hline$			
				in ROLL	8/9/10/11	NOTE	16	E0	9p 9p	10	hh	\leftarrow Same a			
			+SHIFT	mode	8/9/10/11	NOTE	24	C1	9p	18	hh	← Same a			
			+SHIFT	in SLICER	8/9/10/11	NOTE NOTE	32 40	G#1	9p	20	hh	$\leftarrow \text{Same a} \\ \leftarrow \text{Same a} \\ \hline$		-	
					<mark>8/9/10/11</mark> 8/9/10/11	NOTE	40	E2 C3	9p 9p	28 30	hh hh	\leftarrow Same a		OFF = 0 (0x00), ON = 127 (0x7F)	
P1-L	PERFORMANCE	press	+SHIFT	mode	8/9/10/11	NOTE	56	G#3	9p	38	hh	← Same a	s MIDI-IN		
P1-R	PAD 1	press			8/9/10/11	NOTE	64	E4	9p	40	hh			MIDI-OUT: lit in color specified in color number. (1-64	
			+SHIFT	mode in SAVED LOOP mode	<mark>8/9/10/11</mark> 8/9/10/11	NOTE NOTE	72 80	C5 G#5	<mark>9р</mark> 9р	48 50	hh hh	← Same a ← Same a		OFF=0x00 (dimmer), ON=0x7F (default color)	
			+SHIFT		8/9/10/11	NOTE	88	E6	9p	58	hh	← Same a		-	
					8/9/10/11	NOTE	96	C7	9p	60	hh	← Same a			
			+SHIFT		<mark>8/9/10/11</mark> 8/9/10/11	NOTE NOTE	104 112	G#7 E8	<mark>9р</mark> 9р	68 70	hh hh	← Same a ← Same a		-	
			+SHIFT	mode	8/9/10/11 8/9/10/11	NOTE	120	C9	9p	78	hh	\leftarrow Same a		-	
				in HOT CUE mode	8/9/10/11	NOTE	1	C#-1	9p	01	hh	← Same a			
			+SHIFT	in SAVED FLIP mode in ROLL	<mark>8/9/10/11</mark> 8/9/10/11	NOTE NOTE	9 17	A-1	9p	09	hh	← Same a ← Same a			
			+SHIFT		8/9/10/11 8/9/10/11	NOTE	25	F0 C#1	9р 9р	11 19	hh hh	\leftarrow Same a			
				in SLICER	8/9/10/11	NOTE	33	A1	9p	21	hh	← Same a			
	P2-L PERFORMANCE		+SHIFT		8/9/10/11	NOTE	41	F2	9p	29	hh	← Same a		OFF = 0 (0x00), ON = 127 (0x7F)	
P2-L			+SHIFT		8/9/10/11 8/9/10/11	NOTE NOTE	49 57	C#3	9р 9р	31 39	hh hh	$\leftarrow \text{Same a} \\ \leftarrow \text{Same a} \\ \hline$			
P2-R	PAD 2	press			8/9/10/11	NOTE	65	F4	9p	41	hh			MIDI-OUT: lit in color specified in color number. (1-64	
			+SHIFT		8/9/10/11	NOTE	73	C#5	9p	49	hh	← Same a		OFF=0x00 (dimmer), ON=0x7F (default color)	
			+SHIFT	in SAVED LOOP mode in TRANS mode	8/9/10/11 8/9/10/11	NOTE NOTE	81 89	A5 F6	9р 9р	51 59	hh hh	$\leftarrow \text{Same a} \\ \leftarrow \text{Same a} \\ \hline$			
						8/9/10/11	NOTE	97	C#7	9p	61	hh	← Same a		
				+SHIFT		8/9/10/11	NOTE	105	A7	9p	69	hh	← Same a		
				+SHIFT	in PITCH PLAY mode	8/9/10/11 8/9/10/11	NOTE NOTE	113 121	F8 C#9	9р 9р	71 79	hh hh	$\leftarrow \text{Same a} \\ \leftarrow \text{Same a} \\ \hline$		-
					8/9/10/11	NOTE	2	D-1	9p	02	hh	← Same a			
			+SHIFT	in SAVED FLIP mode		NOTE	10	A#-1	9p	0A	hh	← Same a			
			+SHIFT	in ROLL mode	8/9/10/11 8/9/10/11	NOTE NOTE	18 26	F#0 D1	9р 9р	12 1A	hh hh	← Same a ← Same a		-	
				in SLICER	8/9/10/11	NOTE	34	A#1	9p	22	hh	← Same a			
			+SHIFT	mode	8/9/10/11	NOTE	42	F#2	9p	2A	hh	← Same a		OFF = 0 (0x00), ON = 127 (0x7F)	
P3-L	PERFORMANCE		+SHIFT	in SAMPLER mode	8/9/10/11 8/9/10/11	NOTE NOTE	50 58	D3 A#3	9p 9p	32 3A	hh hh	$\leftarrow \text{Same a} \\ \leftarrow \text{Same a} \\ \hline$			
P3-R	PAD 3	press		in CUE LOOP	8/9/10/11	NOTE	66	F#4	9p	42	hh	← Same a	s MIDI-IN	MIDI-OUT: lit in color specified in color number. (1-64	
			+SHIFT		8/9/10/11			D5	-	4A		← Same a		OFF=0x00 (dimmer), ON=0x7F (default color)	
			+SHIFT	in SAVED LOOP mode in TRANS mode	8/9/10/11 8/9/10/11	NOTE NOTE	82 90	A#5 F#6	9p 9p	52 5A	hh hh	← Same a ← Same a			
				in SLICER LOOP	8/9/10/11	NOTE	98	D7	9p	62	hh	← Same a			
			+SHIFT		8/9/10/11	NOTE	106	A#7 F#8	9p	6A	hh	← Same a ← Same a		-	
			+SHIFT		8/9/10/11 8/9/10/11	NOTE NOTE	114 122	D9	9р 9р	72 7A	hh hh	\leftarrow Same a			
				in HOT CUE mode	8/9/10/11	NOTE	3	D#-1	9p	03	hh	← Same a			
			+SHIFT	in SAVED FLIP mode in ROLL	<mark>8/9/10/11</mark> 8/9/10/11	NOTE NOTE	11 19	B-1 G0	9p Op	0B 13	hh hh	← Same a ← Same a		-	
			+SHIFT		8/9/10/11 8/9/10/11	NOTE	27	D#1	9р 9р	15 1B	hh	 ✓ Same a ← Same a 			
				in SLICER	8/9/10/11	NOTE	35	B1	9p	23	hh	← Same a			
			+SHIFT	mode in SAMPLER	8/9/10/11	NOTE NOTE	43 51	G2 D#3	9p	2B	hh hh	← Same a ← Same a		OFF = 0 (0x00), ON = 127 (0x7F)	
P4-L	PERFORMANCE		+SHIFT		8/9/10/11 8/9/10/11	NOTE	59	B3	9р 9р	33 3B	hh	 ✓ Same a ← Same a 			
P4-R	PAD 4	press		in CUE LOOP	8/9/10/11	NOTE	67	G4	9p	43	hh			MIDI-OUT: lit in color specified in color number. (1-6-	
			+SHIFT	mode in SAVED LOOP mode	8/9/10/11	NOTE NOTE	75 83	D#5 B5	9p	4B 53	hh hh	← Same a ← Same a		OFF=0x00 (dimmer), ON=0x7F (default color)	
			+SHIFT		8/9/10/11 8/9/10/11	NOTE	91	G6	9р 9р	55 5B	hh	\leftarrow Same a			
					8/9/10/11	NOTE	99	D#7	9p	63	hh	← Same a			
			+SHIFT	mode in PITCH PLAY	<mark>8/9/10/11</mark>	NOTE	107 115	B7	9p	6B	hh bb	← Same a ← Same a		4	
			+SHIFT		8/9/10/11 8/9/10/11	NOTE NOTE	115 123	G8 D#9	9р 9р	73 7B	hh hh	\leftarrow Same a \leftarrow Same a		-	
				in HOT CUE mode	8/9/10/11	NOTE	4	E-1	9p	04	hh	← Same a	s MIDI-IN		
			+SHIFT	in SAVED FLIP mode in ROLL		NOTE	12	C0 G#0	9p 9p	0C	hh hh	<mark>← Same a</mark> ← Same a		4	
			+SHIFT	mode	8/9/10/11 8/9/10/11	NOTE NOTE	20 28	G#0 E1	9р 9р	14 1C	nn hh	\leftarrow Same a \leftarrow Same a		-	
				in SLICER	8/9/10/11	NOTE	36	C2	9p	24	hh	← Same a	s MIDI-IN	1	
			+SHIFT	mode in SAMPLER	<mark>8/9/10/11</mark>	NOTE	44 52	G#2	9p	2C	hh bb	← Same a		OFF = 0 (0x00), ON = 127 (0x7F)	
	PERFORMANCE		+SHIFT		8/9/10/11 8/9/10/11	NOTE NOTE	52 60	E3 C4	9р 9р	34 3C	hh hh	← Same a ← Same a			
P5-L		press			8/9/10/11	NOTE	68	G#4	9p	44	hh	← Same a	s MIDI-IN	MIDI-OUT: lit in color specified in color number. (1-64	
P5-L P5-R	PAD 5														
	PAD 5		+SHIFT	mode	8/9/10/11	NOTE	76	E5	9p	4C	hh	← Same a		OFF=0x00 (dimmer), ON=0x7F (default color)	
	PAD 5		+SHIFT	mode in SAVED LOOP mode		NOTE NOTE NOTE	76 84 92	E5 C6 G#6	9p 9p 9p	4C 54 5C	hh hh hh	$\leftarrow Same a \\ \leftarrow Same a \\ \leftarrow Same a$	s MIDI-IN	OFF=0x00 (dimmer), ON=0x7F (default color)	

Pioneer Dj

			+SHIFT	mode	8/9/10/11	NOTE	108	C8	9р	6C	hh	← Same as MIDI-IN]
			+SHIFT	in PITCH PLAY	8/9/10/11 8/9/10/11	NOTE NOTE	116 124	G#8 E9	9p	74 7C	hh hh	$\leftarrow \text{Same as MIDI-IN} \\ \leftarrow \text{Same as MIDI-IN}$	
					8/9/10/11	NOTE	5	F-1	<mark>9р</mark> 9р	05	hh	← Same as MIDI-IN	
			+SHIFT		8/9/10/11	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	
			+SHIFT	in ROLL mode	8/9/10/11 8/9/10/11	NOTE NOTE	21 29	A0 F1	9р 9р	15 1D	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	
				in SLICER	8/9/10/11		37	C#2	9p	25	hh	← Same as MIDI-IN	-
			+SHIFT		8/9/10/11	NOTE	45	A2	9p	2D	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P6-L	PERFORMANCE		+SHIFT	in SAMPLER mode	8/9/10/11 8/9/10/11	NOTE NOTE	53 61	F3 C#4	9p 9p	35 3D	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	OFF = 0 (0000), ON = 127 (007F)
P6-R	PAD 6	press		in CUE LOOP	8/9/10/11	NOTE	69	A4	9p	45	hh		MIDI-OUT: lit in color specified in color number. (1-0
			+SHIFT		8/9/10/11	NOTE	77	F5	9р	4D	hh	← Same as MIDI-IN	OFF=0x00 (dimmer), ON=0x7F (default color)
			+SHIFT	in SAVED LOOP mode in TRANS mode	8/9/10/11 8/9/10/11	NOTE NOTE	85 93	C#6 A6	9p 9p	55 5D	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	-
					8/9/10/11	NOTE	101	F7	9p	65	hh	← Same as MIDI-IN	-
			+SHIFT		8/9/10/11	NOTE	109	C#8	9p	6D	hh	← Same as MIDI-IN	
			+SHIFT	in PITCH PLAY mode	8/9/10/11 8/9/10/11	NOTE NOTE	117 125	A8 F9	9p 9p	75 7D	hh hh	$\leftarrow \text{Same as MIDI-IN} \\ \leftarrow \text{Same as MIDI-IN} \\ \end{aligned}$	-
					8/9/10/11	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	
			+SHIFT		8/9/10/11	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	
			+SHIFT	in ROLL mode	8/9/10/11 8/9/10/11	NOTE NOTE	22 30	A#0 F#1	9p 9p	16 1E	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	-
				in SLICER	8/9/10/11	NOTE	38	D2	9p	26	hh	← Same as MIDI-IN	
			+SHIFT		8/9/10/11	NOTE	46	A#2	9p	2E	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
P7-L	PERFORMANCE		+SHIFT	in SAMPLER mode	8/9/10/11 8/9/10/11	NOTE NOTE	54 62	F#3 D4	9p 9p	36 3E	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	(0,00), 00 = 12, (0,01)
P7-R	PAD 7	press		in CUE LOOP	8/9/10/11	NOTE	70	A#4	9p	46	hh		MIDI-OUT: lit in color specified in color number. (1-
			+SHIFT		8/9/10/11	NOTE	78	F#5	9p	4E	hh	← Same as MIDI-IN	OFF=0x00 (dimmer), ON=0x7F (default color)
			+SHIFT	in SAVED LOOP mode in TRANS mode	8/9/10/11 8/9/10/11	NOTE NOTE	86 94	D6 A#6	9p 9p	56 5E	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	
					8/9/10/11		102	F#7	9p	66	hh	← Same as MIDI-IN	
			+SHIFT		8/9/10/11	NOTE	110	D8	9p	6E	hh	← Same as MIDI-IN	-
			+SHIFT		8/9/10/11 8/9/10/11	NOTE NOTE	118 126	A#8 F#9	9p 9p	76 7E	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	
			_		8/9/10/11		7	G-1	9p	07	hh	← Same as MIDI-IN	
			+SHIFT	in SAVED FLIP mode in ROLL	8/9/10/11	NOTE	15	D#0	9p	0F	hh	$\leftarrow \text{Same as MIDI-IN} \\ \leftarrow \text{Same as MIDI-IN}$	-
			+SHIFT		8/9/10/11 8/9/10/11	NOTE NOTE	23 31	B0 G1	9p 9p	17 1F	hh hh	← Same as MIDI-IN	
				in SLICER	8/9/10/11	NOTE	39	D#2	9p	27	hh	← Same as MIDI-IN	
			+SHIFT	mode in SAMPLER	8/9/10/11	NOTE NOTE	47 55	B2 G3	9p	2F 37	hh	$\leftarrow \text{Same as MIDI-IN} \\ \leftarrow \text{Same as MIDI-IN}$	OFF = 0 (0x00), ON = 127 (0x7F)
P8-L	PERFORMANCE		+SHIFT		8/9/10/11 8/9/10/11	NOTE	63	D#4	9p 9p	37 3F	hh hh	← Same as MIDI-IN	
P8-R	PAD 8	press		in CUE LOOP	8/9/10/11	NOTE	71	B4	9p	47	hh		MIDI-OUT: lit in color specified in color number. (1-
			+SHIFT		8/9/10/11	NOTE	79	G5	9p	4F	hh	← Same as MIDI-IN	OFF=0x00 (dimmer), ON=0x7F (default color)
			+SHIFT	in SAVED LOOP mode in TRANS mode	8/9/10/11 8/9/10/11	NOTE NOTE	87 95	D#6 B6	9p 9p	57 5F	hh hh	← Same as MIDI-IN ← Same as MIDI-IN	
				in SLICER LOOP	8/9/10/11		103	G7	9p	67	hh	← Same as MIDI-IN	
			+SHIFT	mode in PITCH PLAY	<mark>8/9/10/11</mark> 8/9/10/11	NOTE NOTE	111 119	D#8 B8	9p	6F 77	hh hh	$\leftarrow \text{Same as MIDI-IN} \\ \leftarrow \text{Same as MIDI-IN}$	-
			+SHIFT		8/9/10/11 8/9/10/11	NOTE	119	G9	9p 9p	77 7F	hh	← Same as MIDI-IN	
P9-L	HOT CUE	press			1/2/3/4	NOTE	27	D#1	9n	1B	hh		OFF = 0 (0x00), ON = 127 (0x7F)
P9-R P10-L		p	+SHIFT		1/2/3/4 1/2/3/4	NOTE NOTE	105 30	A7 F#1	<mark>9n</mark> 9n	69 1E	hh hh		OFF = $0 (0x00), ON = 127 (0x7F)$ OFF = $0 (0x00), ON = 127 (0x7F)$
P10-	ROLL	press	+SHIFT		1/2/3/4	NOTE	107	B7	911 9n	6B	hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
R		-	長押し		1/2/3/4	NOTE	108	C8	9n	6C	hh		OFF = 0 (0x00), ON = 127 (0x7F)
P11-L P11-	SLICER	press	+SHIFT		1/2/3/4 1/2/3/4	NOTE NOTE	32 109	G#1 C#8	9n 9n	20 6D	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
P11- P12-L					1/2/3/4	NOTE	34	A#1	9n	22	hh		OFF = 0 (0x00), ON = 127 (0x7F)
P12-	SAMPLER	press	+SHIFT		1/2/3/4	NOTE	110	D8	9n	6E	hh		OFF = 0 (0x00), ON = 127 (0x7F)
				in HOT CUE mode	1/2/3/4		36	C2	9n	24	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	in SAVED FLIP mode in ROLL	1/2/3/4 1/2/3/4	NOTE NOTE	1 37	C#-1 C#2	<mark>9n</mark> 9n	01 25	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT		1/2/3/4	NOTE	2	D-1	9n	02	hh		OFF = 0 (0x00), ON = 127 (0x7F)
				in SLICER	1/2/3/4	NOTE	38	D2	9n	26	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	mode in SAMPLER	1/2/3/4 1/2/3/4	NOTE NOTE	3 39	D#-1 D#2	9n 9n	03 27	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
P13-L	PARAMETER		+SHIFT		1/2/3/4	NOTE	4	E-1	<u>9n</u>	04	hh		OFF = 0 (0x00), ON = 127 (0x7F)
P13- P	(LEFT)	press		in CUE LOOP	1/2/3/4	NOTE	40	E2	9n	28	hh		OFF = 0 (0x00), ON = 127 (0x7F)
IX .			+SHIFT		1/2/3/4	NOTE	5	F-1	9n	05	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	in SAVED LOOP mode in TRANS mode	1/2/3/4 1/2/3/4	NOTE NOTE	41 6	F2 F#-1	9n 9n	29 06	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
				in SLICER LOOP	1/2/3/4	NOTE	42	F#2	9n	2A	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT		1/2/3/4	NOTE	7	G-1	9n	07	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	in PITCH PLAY mode	1/2/3/4 1/2/3/4	NOTE NOTE	43 8	G2 G#-1	9n 9n	2B 08	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
				in HOT CUE mode	1/2/3/4	NOTE	44	G#1 G#2	9n	2C	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	in SAVED FLIP mode	1/2/3/4	NOTE	9	A-1	9n	09	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	in ROLL mode	1/2/3/4 1/2/3/4	NOTE NOTE	45 122	A2 D9	9n 9n	2D 7A	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
				in SLICER	1/2/3/4	NOTE	46	A#2	9n	2E	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT		1/2/3/4	NOTE	123	D#9	9n	7B	hh		OFF = 0 (0x00), ON = 127 (0x7F)
P14-L	PARAMETER		+SHIFT	in SAMPLER mode	1/2/3/4 1/2/3/4	NOTE NOTE	47 124	B2 E9	9n 9n	2F 7C	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
Р14- Р	(RIGHT)	press		in CUE LOOP	1/2/3/4	NOTE	48	C3	9n	30	hh	← Same as MIDI-IN	OFF = 0 (0x00), ON = 127 (0x7F)
к			+SHIFT		1/2/3/4	NOTE	125	F9	9n 9n	7D	hh		OFF = 0 (0x00), ON = 127 (0x7F)
			+SHIFT	in SAVED LOOP mode in TRANS mode	1/2/3/4 1/2/3/4	NOTE NOTE	49 126	C#3 F#9	9n 9n	31 7E	hh hh		OFF = 0 (0x00), ON = 127 (0x7F) OFF = 0 (0x00), ON = 127 (0x7F)
		1		in SLICER LOOP	1/2/3/4	NOTE	50	D3	9n	32	hh		OFF = 0 (0x00), ON = 127 (0x7F)
									· · · · · · · · · · · · · · · · · · ·	,			
			+SHIFT		1/2/3/4 1/2/3/4	NOTE	127 51	G9 D#3	9n 9n	7F 33	hh hh		OFF = $0 (0x00), ON = 127 (0x7F)$ OFF = $0 (0x00), ON = 127 (0x7F)$



MIDI-OUT

	Communication name	Function	М	IDI assign	reference		MIDI-IN (to computer)				MIDI-OU ⁻ m compu		
Group			MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	a (Data 1) (English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data 2)
	Loaded (Deck 1)	Trigger for load illumination	12	NOTE	0	C-1				9B	00	hh	OFF = 0 (0x00), ON = 127 (0x7F)
	Loaded (Deck 2)		12	NOTE	1	C#-1				9B	01	hh	OFF = 0 (0x00), ON = 127 (0x7F)
	Loaded (Deck 3)		12	NOTE	2	D-1				9B	02	hh	OFF = 0 (0x00), ON = 127 (0x7F)
ILLUMINATION	Loaded (Deck 4)		12	NOTE	3	D#-1				9B	03	hh	OFF = 0 (0x00), ON = 127 (0x7F)
CONTROL	End warning (Deck 1)		12	NOTE	4	E-1				9B	04	hh	OFF = 0 (0x00), ON = 127 (0x7F)
	End warning (Deck 2)	Trigger for jog illumination	12	NOTE	5	F-1				9B	05	hh	OFF = 0 (0x00), ON = 127 (0x7F)
	End warning (Deck 3)		12	NOTE	6	F#-1				9B	06	hh	OFF = 0 (0x00), ON = 127 (0x7F)
	End warning (Deck 4)		12	NOTE	7	G-1				9B	07	hh	OFF = 0 (0x00), ON = 127 (0x7F)

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