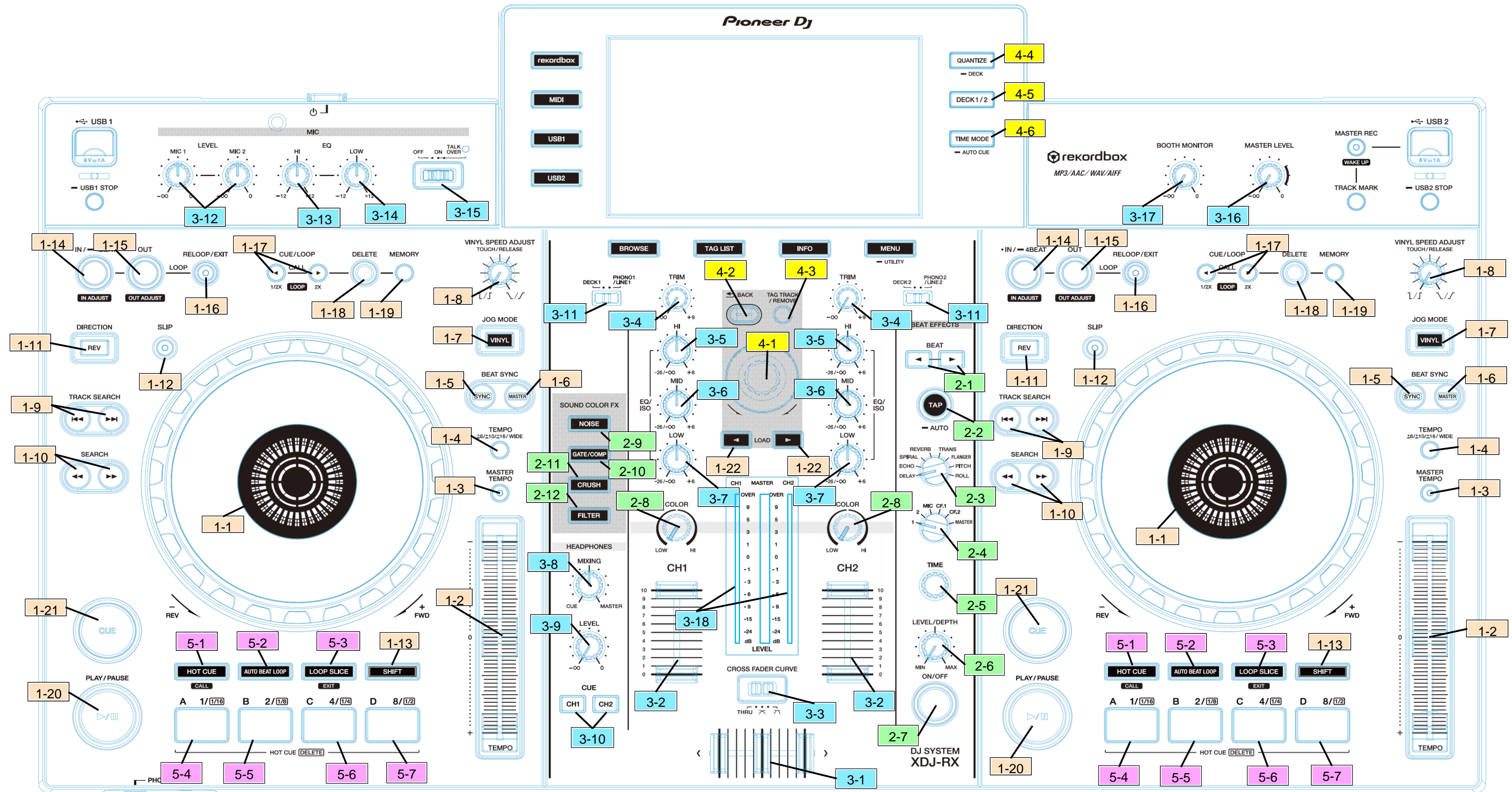# Pioneer DJ

XDJ-RX
List of MIDI messages Ver. 2.21

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

Channel Category	MIDI channel	channel No. (hex)
Browser	1	n=0
Deck A	1	n=0
Deck B	2	n=1
Deck C	3	n=2
Deck D	4	n=3
Mixer/EFFECT	5	n=4

As a reference for MIDI assign, MIDI message sent from buttons and knobs of this controller are listed in decimal numbers and English scale.
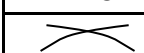Please utilize this reference depending on the notation of your MIDI compatible software.

NOTE is a term used for MIDI to express that a key of a keyboard or a piano is pressed or your finger is released from it.
CC is an abbreviation of "Control Change". Control Change is a kind of MIDI message used to communicate many kinds
of control information such as sound quality and volume level.
English scale uses alphabetical letters of C, D, E, F, G, A and B as well as # to indicate halftone.

Group	Fig.	User Interface			Condition	MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	(mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
1, DECK	1[L,R]	Jog dial (Platter)		rotate		1/2/3/4	CC	16	–	Bn	10	hh				Linear values for 4x speed from 0x speed 0x speed : 64(0x40) , FWD : 65(0x41)（0.06x speed）to 127(0x7F)（4x speed）, REV : 63(0x3F) (0.06x speed) to 0(0x00)（4x speed）
			+SHIFT			1/2/3/4	CC	51	–	Bn	33	hh				
				touch		1/2/3/4	NOTE	32	G#1	9n	20	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	72	C5	9n	48	hh				OFF=0(0x00), ON=127(0x7F)
		Jog dial (Wheel side)		rotate		1/2/3/4	CC	48	–	Bn	30	hh				Linear values for 4x speed from 0x speed 0x speed : 64(0x40) , FWD : 65(0x41)（0.06x speed）to 127(0x7F)（4x speed）, REV : 63(0x3F) (0.06x speed) to 0(0x00)（4x speed）
			+SHIFT			1/2/3/4	CC	54	–	Bn	36	hh				
	2[L,R]	TEMPO		slide		1/2/3/4	CC	29	–	Bn	1D	MSB				0(0x0000) to 16383(0x3FFF)　"−" side : 0(0x0000)　"+" side : 16383(0x3FFF)
							CC	61	–	Bn	3D	LSB				
			+SHIFT			1/2/3/4	CC	52	–	Bn	34	MSB				0(0x0000) to 16383(0x3FFF)　"−" side : 0(0x0000)　"+" side : 16383(0x3FFF)
							CC	84	–	Bn	54	LSB				
	3[L,R]	MASTER TEMPO		press		1/2/3/4	NOTE	17	F0	9n	11	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	66	F#4	9n	42	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	4[L,R]	TEMPO RANGE		press		1/2/3/4	NOTE	16	E0	9n	10	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	65	F4	9n	41	hh				OFF=0(0x00), ON=127(0x7F)
	5[L,R]	SYNC		press		1/2/3/4	NOTE	31	G1	9n	1F	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	71	B4	9n	47	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	6[L,R]	MASTER		press		1/2/3/4	NOTE	30	F#1	9n	1E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	70	A#4	9n	46	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	7[L,R]	JOG MODE		press		1/2/3/4	NOTE	18	F#0	9n	12	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	67	G4	9n	43	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	8[L,R]	VINYL SPEED ADJUST		rotate		1/2/3/4	CC	30	–	Bn	1E	hh				0(0x00) to 127(0x7F)　Left side(min) : 0(0x00)、Right side(max) : 127(0x7F)
			+SHIFT			1/2/3/4	CC	53	–	Bn	35	hh				0(0x00) to 127(0x7F)　Left side(min) : 0(0x00)、Right side(max) : 127(0x7F)
	9[L,R]	TRACK SEARCH FWD		press		1/2/3/4	NOTE	4	E-1	9n	4	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	56	G#3	9n	38	hh				OFF=0(0x00), ON=127(0x7F)
		TRACK SEARCH REV		press		1/2/3/4	NOTE	5	F-1	9n	5	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	57	A3	9n	39	hh				OFF=0(0x00), ON=127(0x7F)
	10[L,R]	SEARCH FWD		press		1/2/3/4	NOTE	2	D-1	9n	2	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	54	F#3	9n	36	hh				OFF=0(0x00), ON=127(0x7F)
		SEARCH REV		press		1/2/3/4	NOTE	3	D#-1	9n	3	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	55	G3	9n	37	hh				OFF=0(0x00), ON=127(0x7F)
	11[L,R]	REVERSE		press		1/2/3/4	NOTE	33	A1	9n	21	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	73	C#5	9n	49	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	12[L,R]	SLIP		press		1/2/3/4	NOTE	44	G#2	9n	2C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	74	D5	9n	4A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	13[L,R]	SHIFT		press												

Group	Fig.	User Interface			Condition	MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	(mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
	14[L,R]	LOOP IN	Long	press		1/2/3/4	NOTE	6	F#-1	9n	6	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
						1/2/3/4	NOTE	69	A4	9n	45	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	58	A#3	9n	3A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	15[L,R]	LOOP OUT		press		1/2/3/4	NOTE	7	G-1	9n	7	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	59	B3	9n	3B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	16[L,R]	RELOOP/EXIT		press		1/2/3/4	NOTE	8	G#-1	9n	8	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	60	C4	9n	3C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	17[L,R]	CUE/LOOP CALL NEXT		press		1/2/3/4	NOTE	11	B-1	9n	B	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	62	D4	9n	3E	hh				OFF=0(0x00), ON=127(0x7F)
		CUE/LOOP CALL PREV		press		1/2/3/4	NOTE	12	C0	9n	C	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	63	D#4	9n	3F	hh				OFF=0(0x00), ON=127(0x7F)
	18[L,R]	CUE/LOOP DELETE		press		1/2/3/4	NOTE	13	C#0	9n	D	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	64	E4	9n	40	hh				OFF=0(0x00), ON=127(0x7F)
	19[L,R]	CUE/LOOP MEMORY		press		1/2/3/4	NOTE	10	A#-1	9n	A	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	61	C#4	9n	3D	hh				OFF=0(0x00), ON=127(0x7F)
	20[L,R]	PLAY/PAUSE		press		1/2/3/4	NOTE	0	C-1	9n	0	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	52	E3	9n	34	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	21[L,R]	CUE		press		1/2/3/4	NOTE	1	C#-1	9n	1	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	53	F3	9n	35	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	22[L,R]	LOAD		press		1/2/3/4	NOTE	81	A6	9n	51	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	75	D#5	9n	4B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
2, EFFECT	1	BEAT LEFT		press		5	CC	76	–	B4	4C	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	120	–	B4	78	hh				OFF=0(0x00), ON=127(0x7F)
		BEAT RIGHT		press		5	CC	77	–	B4	4D	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	121	–	B4	79	hh				OFF=0(0x00), ON=127(0x7F)
	2	TAP		press		5	CC	78	–	B4	4E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	123	–	B4	7B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	3 *1	EFFECT SELECT DELAY		rotate		5	CC	42	–	B4	2A	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	103	–	B4	67	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT ECHO		rotate		5	CC	55	–	B4	37	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	104	–	B4	68	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT SPIRAL		rotate		5	CC	43	–	B4	2B	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	111	–	B4	6F	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT REVERB		rotate		5	CC	54	–	B4	36	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	108	–	B4	6C	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT TRANS		rotate		5	CC	53	–	B4	35	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	109	–	B4	6D	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT FLANGER		rotate		5	CC	50	–	B4	32	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	110	–	B4	6E	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT PITCH		rotate		5	CC	59	–	B4	3B	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	112	–	B4	70	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT ROLL		rotate		5	CC	46	–	B4	2E	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	117	–	B4	75	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT CH1		rotate		5	CC	34	–	B4	22	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	56	–	B4	38	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT CH2		rotate		5	CC	35	–	B4	23	hh				OFF=0(0x00), ON=127(0x7F)
			+SHIFT			5	CC	63	–	B4	3F	hh				OFF=0(0x00), ON=127(0x7F)

Group	Fig.	UI name		+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data2)
	4 *1	CH SELECT MIC			rotate		5	CC	38	–	B4	26	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	84	–	B4	54	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT CF.1			rotate		5	CC	39	–	B4	27	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	97	–	B4	61	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT CF.2			rotate		5	CC	40	–	B4	28	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	98	–	B4	62	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT MASTER			rotate		5	CC	41	–	B4	29	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	44	–	B4	2C	hh				OFF=0(0x00), ON=127(0x7F)
	5	TIME			rotate		5	CC	45	–	B4	2D	hh				Difference count value from when previous operated Turn clockwise: 1 to 30(0x01 to 0x1E) Turn counterclockwise: 127 to 98(0x7F to 0x62)
				+SHIFT			5	CC	60	–	B4	3C	hh				
	6	LEVEL DEPTH			rotate		5	CC	91	–	B4	5B	hh				0(0x00) to 127(0x7F) Left side(min) : 0(0x00), Right side(max) : 127(0x7F)
				+SHIFT			5	CC	119	–	B4	77	hh				0(0x00) to 127(0x7F) Left side(min) : 0(0x00), Right side(max) : 127(0x7F)
	7	ON/OFF			press		5	CC	64	–	B4	40	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	52	–	B4	34	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	8	COLOR	DECK A		rotate		5	CC	5	–	B4	5	hh				0(0x00) to 127(0x7F), Left side(LOW) : 0(0x00), Right side(HI) : 127(0x7F)
			DECK B		rotate		5	CC	10	–	B4	A	hh				0(0x00) to 127(0x7F), Left side(LOW) : 0(0x00), Right side(HI) : 127(0x7F)
			DECK C		rotate		5	CC	22	–	B4	16	hh				0(0x00) to 127(0x7F), Left side(LOW) : 0(0x00)、Right side(HI) : 127(0x7F)
			DECK D		rotate		5	CC	83	–	B4	53	hh				0(0x00) to 127(0x7F), Left side(LOW) : 0(0x00), Right side(HI) : 127(0x7F)
	9	NOISE			press		5	CC	85	–	B4	55	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	124	–	B4	7C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	10	GATE/COMP			press		5	CC	106	–	B4	6A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	127	–	B4	7F	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	11	CRUSH			press		5	CC	86	–	B4	56	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	125	–	B4	7D	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	12	FILTER			press		5	CC	87	–	B4	57	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				+SHIFT			5	CC	126	–	B4	7E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
3, MIXER	1	CROSS FADER			slide		5	CC	11	–	B4	B	hh				0(0x00) to 127(0x7F) Left side(min) : 0(0x00)、Right side(max) : 127(0x7F)
	2	CH FADER	DECK A		slide		5	CC	17	–	B4	11	hh				0(0x00) to 127(0x7F) Bottom(min) : 0(0x00)、Top(max) : 127(0x7F)
			DECK B		slide		5	CC	18	–	B4	12	hh				0(0x00) to 127(0x7F) Bottom(min) : 0(0x00)、Top(max) : 127(0x7F)
			DECK C		slide		5	CC	19	–	B4	13	hh				0(0x00) to 127(0x7F) Bottom(min) : 0(0x00)、Top(max) : 127(0x7F)
			DECK D		slide		5	CC	20	–	B4	14	hh				0(0x00) to 127(0x7F) Bottom(min) : 0(0x00)、Top(max) : 127(0x7F)
	3	CROSS FADER ASSIGN	*THRU*		slide		5	CC	95	–	B4	5F	0				
							5	CC	95	–	B4	5F	40				
							5	CC	95	–	B4	5F	7F				
	4	TRIM	DECK A		rotate		5	CC	1	–	B4	1	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK B		rotate		5	CC	6	–	B4	6	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK C		rotate		5	CC	12	–	B4	C	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK D		rotate		5	CC	80	–	B4	50	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
	5	EQ HIGH	DECK A		rotate		5	CC	2	–	B4	2	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK B		rotate		5	CC	7	–	B4	7	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK C		rotate		5	CC	14	–	B4	E	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK D		rotate		5	CC	81	–	B4	51	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
	6	EQ MID	DECK A		rotate		5	CC	3	–	B4	3	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK B		rotate		5	CC	8	–	B4	8	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK C		rotate		5	CC	15	–	B4	F	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK D		rotate		5	CC	92	–	B4	5C	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)

Group	Fig.	UI name		+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data2)
	7	EQ LOW	DECK A		rotate		5	CC	4	−	B4	4	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK B		rotate		5	CC	9	−	B4	9	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK C		rotate		5	CC	21	−	B4	15	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
			DECK D		rotate		5	CC	82	−	B4	52	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(+9) : 127(0x7F)
	8	HEADPHONES MIXING			rotate		5	CC	27	−	B4	1B	hh				0(0x00) to 127(0x7F) Left side(CUE) : 0(0x00)、Right side(MASTER) : 127(0x7F)
	9	HEADPHONES LEVEL			rotate		5	CC	26	−	B4	1A	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(0) : 127(0x7F)
	10	CUE (Headphone)	DECK A		press		5	CC	70	−	B4	46	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			DECK B		press		5	CC	71	−	B4	47	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			DECK C		press		5	CC	72	−	B4	48	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			DECK D		press		5	CC	73	−	B4	49	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	11	INPUT SWITCH			slide		1/2/3/4	CC	99	−	Bn	63	hh				Select INPUT to USB : OFF=0x00 Select INPUT to LINE : ON=0x7F On DECK1 : DECK A and C(B0 63 hh and B2 63 hh), On DECK2 : DECK B and D(B1 63 hh and B3 63 hh)
	12	MIC 1 LEVEL			rotate												
	12	MIC 2 LEVEL			rotate												
	13	MIC EQ HI			rotate												
	14	MIC EQ LOW			rotate												
	15	MIC SWITCH			slide												
	16	MASTER LEVEL			rotate		5	CC	24	−	B4	18	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(0) : 127(0x7F)
	17	BOOTH MONITOR LEVEL			rotate		5	CC	25	−	B4	19	hh				0(0x00) to 127(0x7F) Left side(-∞) : 0(0x00)、Right side(0) : 127(0x7F)
	18	CH LEVEL METER					1/2/3/4	CC	2	−				Bn	2	hh	0(0x00) to 127(0x7F)
4, BROWSER	1	ROTARY SELECTOR			rotate		1	CC	79	−	B0	4F	hh				Difference count value from when previous operated Turn clockwise: 1 to 30(0x01 to 0x1E) Turn counterclockwise: 127 to 98(0x7F to 0x62)
				+SHIFT			1	CC	96	−	B0	60	hh				
					press		1	NOTE	51	D#3	90	33	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			1	NOTE	97	C#7	90	61	hh				OFF=0(0x00), ON=127(0x7F)
	2	BACK			press		1	NOTE	50	D3	90	32	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			1	NOTE	95	B6	90	5F	hh				OFF=0(0x00), ON=127(0x7F)
	3	TAG TRACK/REMOVE			press		1	NOTE	48	C3	90	30	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			1	NOTE	98	D7	90	62	hh				OFF=0(0x00), ON=127(0x7F)
	4	QUANTIZE			press		1	NOTE	9	A-1	90	9	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			1	NOTE	93	A6	90	5D	hh				OFF=0(0x00), ON=127(0x7F)
	5	DECK 1/2			press		1/2/3/4	CC	102	−	Bn	66	hh				OFF=0(0x00), ON=127(0x7F) AB=B0,B1 CD=B2,B3
	6	TIME MODE			press		1	NOTE	14	D0	90	E	hh				OFF=0(0x00), ON=127(0x7F)
				Long	press		1	NOTE	15	D#0	90	F	hh				OFF=0(0x00), ON=127(0x7F)
				+SHIFT			1	NOTE	94	A#6	90	5E	hh				OFF=0(0x00), ON=127(0x7F)

Group	Fig.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data2)
5, PERFOR-MANCE PADS	1[L,R]	HOT CUE		press		1/2/3/4	NOTE	45	A2	9n	22	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	76	E5	9n	4C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	2[L,R]	AUTO BEET LOOP		press		1/2/3/4	NOTE	46	A#2	9n	23	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	77	F5	9n	4D	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	3[L,R]	LOOP SLICE		press		1/2/3/4	NOTE	47	B2	9n	24	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	78	F#5	9n	4E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	4[L,R]	Performance pads 1		press	in HOT CUE 1-4 mode	1/2/3/4	NOTE	24	C1	9n	18	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	99	D#7	9n	63	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in HOT CUE 5-8 mode	1/2/3/4	NOTE	36	C2	9n	25	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	111	D#8	9n	6F	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in AUTO BEAT LOOP mode	1/2/3/4	NOTE	85	C#6	9n	55	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	103	G7	9n	67	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in PAD FX 1 mode	1/2/3/4	NOTE	20	G#0	9n	14	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	115	G8	9n	73	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	1/2/3/4	NOTE	89	F6	9n	59	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	107	B7	9n	6B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	1/2/3/4	NOTE	40	E2	9n	29	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	119	B8	9n	77	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	5[L,R]	Performance pads 2		press	in HOT CUE 1-4 mode	1/2/3/4	NOTE	25	C#1	9n	19	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	100	E7	9n	64	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in HOT CUE 5-8 mode	1/2/3/4	NOTE	37	C#2	9n	26	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	112	E8	9n	70	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in AUTO BEAT LOOP mode	1/2/3/4	NOTE	86	D6	9n	56	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	104	G#7	9n	68	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in PAD FX 1 mode	1/2/3/4	NOTE	21	A0	9n	15	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	116	G#8	9n	74	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	1/2/3/4	NOTE	90	F#6	9n	5A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	108	C8	9n	6C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	1/2/3/4	NOTE	41	F2	9n	2A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	120	C9	9n	78	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	6[L,R]	Performance pads 3		press	in HOT CUE 1-4 mode	1/2/3/4	NOTE	26	D1	9n	1A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	101	F7	9n	65	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in HOT CUE 5-8 mode	1/2/3/4	NOTE	38	D2	9n	27	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	113	F8	9n	71	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in AUTO BEAT LOOP mode	1/2/3/4	NOTE	87	D#6	9n	57	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	105	A7	9n	69	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in PAD FX 1 mode	1/2/3/4	NOTE	22	A#0	9n	16	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	117	A8	9n	75	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	1/2/3/4	NOTE	91	G6	9n	5B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	109	C#8	9n	6D	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	1/2/3/4	NOTE	42	F#2	9n	2B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	121	C#9	9n	79	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	7[L,R]	Performance pads 4		press	in HOT CUE 1-4 mode	1/2/3/4	NOTE	27	D#1	9n	1B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	102	F#7	9n	66	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in HOT CUE 5-8 mode	1/2/3/4	NOTE	39	D#2	9n	28	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	114	F#8	9n	72	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in AUTO BEAT LOOP mode	1/2/3/4	NOTE	88	E6	9n	58	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	106	A#7	9n	6A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in PAD FX 1 mode	1/2/3/4	NOTE	23	B0	9n	17	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	118	A#8	9n	76	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER mode	1/2/3/4	NOTE	92	G#6	9n	5C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	110	D8	9n	6E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					in SLICER LOOP mode	1/2/3/4	NOTE	43	G2	9n	2D	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
			+SHIFT			1/2/3/4	NOTE	122	D9	9n	7A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)

Group	Fig.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
		UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
6, OTHERS	-	PC Control mode				1/2/3/4	CC	100	−	Bn	64	hh				OFF=0(0x00), ON=127(0x7F) ([BROWSE] > [MIDI] > [LOAD])
	-	Mixer mode				5	CC	101	−	B4	65	hh				Select MIDI CONTROL mode : 0x00 Select XDJ-RX mode : ON=0x7F ([UTLITY] > [MIXER MODE])

*1 : When switched from one positon to another position, XDJ-RX send OFF and ON of MIDI messages.

MIDI-OUT

Group	Functiion			MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details (Data2)
				MIDI Channel (Dec)	NOTE / CC	MIDI Data (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	
illumination Control	Load	DECK A	Trigger for load illumination	12	NOTE	0	C-1				9B	00	hh	OFF=0(0x00), ON=127(0x7F)
		DECK B		12	NOTE	1	C#-1				9B	01	hh	OFF=0(0x00), ON=127(0x7F)
		DECK C		12	NOTE	2	D-1				9B	02	hh	OFF=0(0x00), ON=127(0x7F)
		DECK D		12	NOTE	3	D#-1				9B	03	hh	OFF=0(0x00), ON=127(0x7F)
	Slip Mode flashing	DECK A	Control JOG illumination	12	NOTE	36	C2				9B	24	hh	OFF=0(0x00), ON=127(0x7F)
		DECK B		12	NOTE	37	C#2				9B	25	hh	OFF=0(0x00), ON=127(0x7F)
		DECK C		12	NOTE	38	D2				9B	26	hh	OFF=0(0x00), ON=127(0x7F)
		DECK D		12	NOTE	39	D#2				9B	27	hh	OFF=0(0x00), ON=127(0x7F)
	JOG Indicator	DECK A	Control JOG illumination	12	CC	0	−				BB	00	hh	0(0x00) to 72(0x48), 86(0x56)
		DECK B		12	CC	1	−				BB	01	hh	0(0x00) to 72(0x48), 86(0x56)
		DECK C		12	CC	2	−				BB	02	hh	0(0x00) to 72(0x48), 86(0x56)
		DECK D		12	CC	3	−				BB	03	hh	0(0x00) to 72(0x48), 86(0x56)
	OnAir	DECK A	Control JOG illumination	12	CC	4	−				BB	04	hh	OFF=0(0x00), ON=4(0x04)
		DECK B		12	CC	5	−				BB	05	hh	OFF=0(0x00), ON=4(0x04)
		DECK C		12	CC	6	−				BB	06	hh	OFF=0(0x00), ON=4(0x04)
		DECK D		12	CC	7	−				BB	07	hh	OFF=0(0x00), ON=4(0x04)