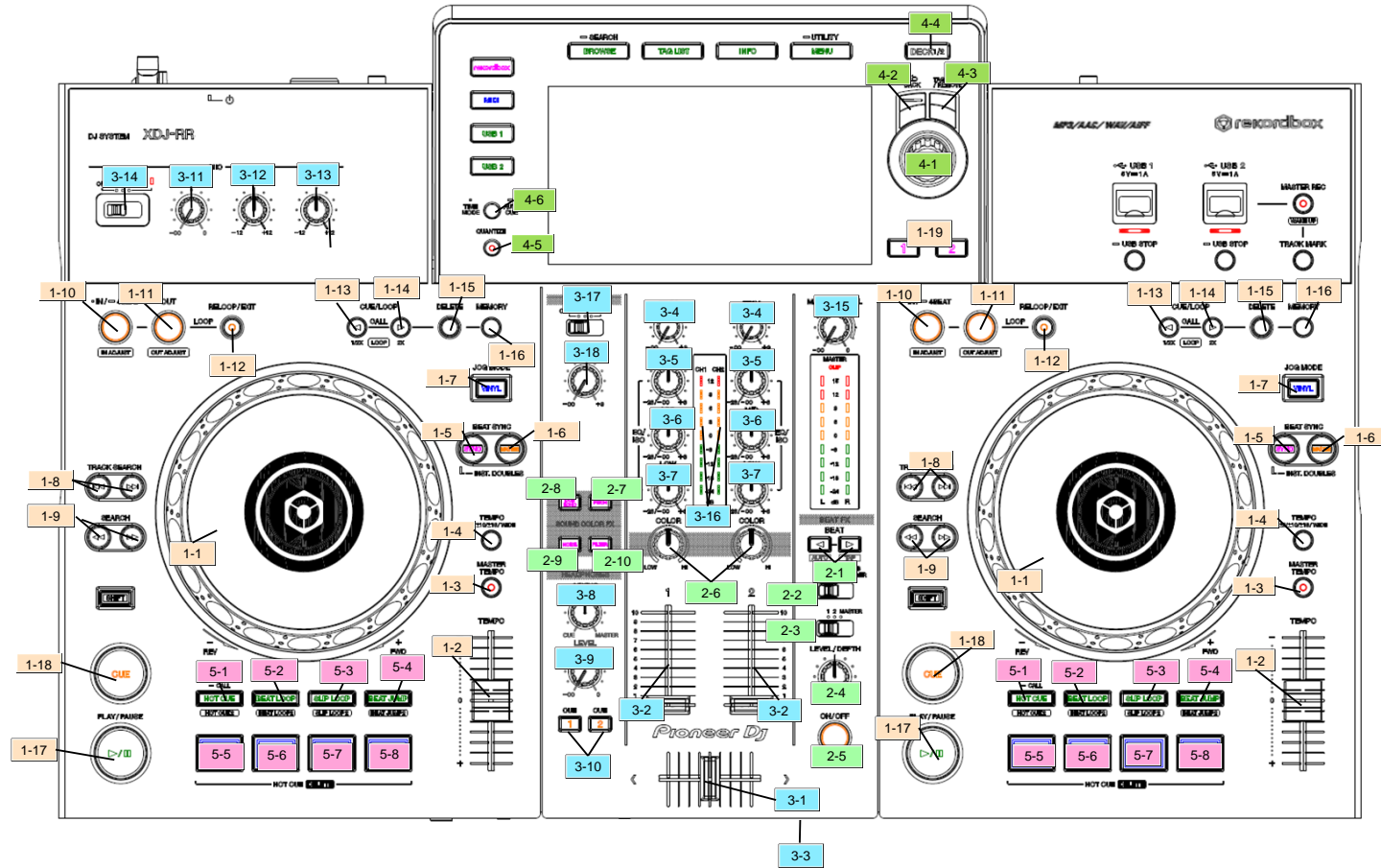# XDJ-RR

List of MIDI messages

【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
DECK1		1	n=0
DECK2		2	n=1
DECK3		3	n=2
DECK4		4	n=3
Mixer / EFFECT		5	n=4
PERFORMANCE BUTTONS	DECK1	6	n=5
	DECK2	7	n=6
	DECK3	8	n=7
	DECK4	9	n=8

As a reference for MIDI assign, MIDI messages sent from buttons and knobs of this controller are listed in decimal numbers and English scale.
Please use this reference according to your MIDI compatible software.

NOTE is a MIDI message created when pressing or releasing a key of a piano/keyboard.
CC is an abbreviation of "Control Change". MIDI Control Change messages are used to control a wide variety of functions such as volume and sound quality.

Group	Fig.	User Interface				MIDI assign reference		MIDI-IN (to computer)				MIDI-OUT (from computer)			Details (Data2)
		UI name	Trigger	Mode	+SHIFT	MIDI Channel (Dec)	NOTE / CC	Status (hex)	Data1 (Dec)	Data1 (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	Bn	16	10	hh				Linear values for 4x speed from 0x speed. 0x speed: 64(0x40) , FWD: 65 (0x41)(0.06x speed) ~ 127(0x7F)(4x speed), REV : 63(0x3F) (0.06x speed)~ 0(0x00)(4x speed)
					+SHIFT	1/2/3/4	CC	Bn	51	33	hh				
						1/2/3/4	CC	Bn	34	22	hh				Difference count value from when previous operated When turned clockwise: Increases from 0x41 When turned counterclockwise: Decreases from 0x3F
					+SHIFT	1/2/3/4	CC	Bn	41	29	hh				
			touch			1/2/3/4	NOTE	9n	32	20	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	1/2/3/4	NOTE	9n	72	48	hh				OFF=0(0x00), ON=127(0x7F)
		Jog dial (Wheel side)	rotate			1/2/3/4	CC	Bn	48	30	hh				Linear values for 4x speed from 0x speed 0x speed: 64(0x40), FWD: 65(0x41) (0.06x speed)~127(0x7F)(4x speed), REV: 63(0x3F) (0.06x speed) ~ 0(0x00)(4x speed)
					+SHIFT	1/2/3/4	CC	Bn	54	36	hh				
						1/2/3/4	CC	Bn	33	21	hh				Difference count value from when previous operated When turned clockwise: Increases from 0x41 When turned counterclockwise: Decreases from 0x3F
					+SHIFT	1/2/3/4	CC	Bn	38	26	hh				
	2[L_R]	TEMPO	slide			1/2/3/4	CC	Bn	0	0	MSB				0~16383" - " side : 0 "+" side : 16383
							CC	Bn	32	20	LSB				
	3[L_R]	MASTER TEMPO	press			1/2/3/4	NOTE	9n	17	11	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	4[L_R]	TEMPO RANGE	press			1/2/3/4	NOTE	9n	16	10	hh				OFF=0(0x00), ON=127(0x7F)
	5[L_R]	SYNC	press			1/2/3/4	NOTE	9n	31	1F	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				Long		1/2/3/4	NOTE	9n	71	47	hh				OFF=0(0x00), ON=127(0x7F)
	6[L_R]	MASTER	press			1/2/3/4	NOTE	9n	30	1E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	7[L_R]	JOG MODE	press			1/2/3/4	NOTE	9n	18	12	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	8[L_R]	TRACK SEARCH FWD	press			1/2/3/4	NOTE	9n	4	4	hh				OFF=0(0x00), ON=127(0x7F)
		TRACK SEARCH REV	press			1/2/3/4	NOTE	9n	5	5	hh				OFF=0(0x00), ON=127(0x7F)
	9[L_R]	SEARCH FWD	press			1/2/3/4	NOTE	9n	2	2	hh				OFF=0(0x00), ON=127(0x7F)
		SEARCH REV	press			1/2/3/4	NOTE	9n	3	3	hh				OFF=0(0x00), ON=127(0x7F)
	10[L_R]	LOOP IN	press			1/2/3/4	NOTE	9n	6	6	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				Long		1/2/3/4	NOTE	9n	69	45	hh				OFF=0(0x00), ON=127(0x7F)
	11[L_R]	LOOP OUT	press			1/2/3/4	NOTE	9n	7	7	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	12[L_R]	RELOOP/EXIT	press			1/2/3/4	NOTE	9n	8	8	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	13[L_R]	CUE/LOOP CALL NEXT	press			1/2/3/4	NOTE	9n	11	B	hh				OFF=0(0x00), ON=127(0x7F)
	14[L_R]	CUE/LOOP CALL PREV	press			1/2/3/4	NOTE	9n	12	C	hh				OFF=0(0x00), ON=127(0x7F)
	15[L_R]	CUE/LOOP DELETE	press			1/2/3/4	NOTE	9n	13	D	hh				OFF=0(0x00), ON=127(0x7F)
	16[L_R]	CUE/LOOP MEMORY	press			1/2/3/4	NOTE	9n	10	A	hh				OFF=0(0x00), ON=127(0x7F)
	17[L_R]	PLAY/PAUSE	press			1/2/3/4	NOTE	9n	0	0	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	18[L_R]	CUE	press			1/2/3/4	NOTE	9n	1	1	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	19[L_R]	LOAD	press			1/2/3/4	NOTE	9n	81	51	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
2, EFFECT															
	1	BEAT LEFT	press			5	CC	B4	76	4C	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	120	78	hh				OFF=0(0x00), ON=127(0x7F)
		BEAT RIGHT	press			5	CC	B4	77	4D	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	121	79	hh				OFF=0(0x00), ON=127(0x7F)
	2	EFFECT SELECT ECHO	slide			5	CC	B4	55	37	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	104	68	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT REVERB	slide			5	CC	B4	54	36	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	122	7A	hh				OFF=0(0x00), ON=127(0x7F)
		EFFECT SELECT FLANGER	slide			5	CC	B4	50	32	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	110	6E	hh				OFF=0(0x00), ON=127(0x7F)
	3	CH SELECT CH1	slide			5	CC	B4	34	22	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	56	38	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT CH2	slide			5	CC	B4	35	23	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	63	3F	hh				OFF=0(0x00), ON=127(0x7F)
		CH SELECT MASTER	slide			5	CC	B4	41	29	hh				OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	44	2C	hh				OFF=0(0x00), ON=127(0x7F)
	4	LEVEL DEPTH	rotate			5	CC	B4	91	5B	hh				0(0x00)~127(0x7F) Left (min): 0(0x00), Right (max): 127(0x7F)
					+SHIFT	5	CC	B4	119	77	hh				0(0x00)~127(0x7F) Left (min): 0(0x00), Right (max): 127(0x7F)
	5	BEAT EFFECT ON/OFF	press			5	CC	B4	64	40	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	52	34	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	6	COLOR	Deck 1	rotate		5	CC	B4	5	5	hh				0(0x00)~127(0x7F) Left (LOW): 0(0x00), Right (HI): 127(0x7F)
			Deck 2	rotate		5	CC	B4	10	A	hh				0(0x00)~127(0x7F) Left (LOW): 0(0x00), Right (HI): 127(0x7F)
			Deck 3	rotate		5	CC	B4	22	16	hh				0(0x00)~127(0x7F) Left (LOW): 0(0x00), Right (HI): 127(0x7F)
			Deck 4	rotate		5	CC	B4	83	53	hh				0(0x00)~127(0x7F) Left (LOW): 0(0x00), Right (HI): 127(0x7F)
	7	PITCH	press			5	CC	B4	86	56	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	125	7D	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	8	DUB ECHO	press			5	CC	B4	106	6A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	127	7F	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	9	NOISE	press			5	CC	B4	85	55	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	124	7C	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	10	FILTER	press			5	CC	B4	87	57	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	5	CC	B4	126	7E	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)

Group	Fig.	UI name	Trigger	Mode	+SHIFT	MIDI Channel (Dec)	NOTE / CC	Status (hex)	Data1 (Dec)	Data1 (hex)	Data2 (hex)	Status (hex)	Data 1 (hex)	Data 2 (hex)	Details (Data2)
3, MIXER	1	CROSS FADER	slide			5	CC	B4	11	B	hh				0(0x00)~127(0x7F) Left end: 0(0x00), Right end: 127(0x7F)
	2	CH FADER Deck 1	slide			5	CC	B4	17	11	hh				0(0x00)~127(0x7F) Lower end: 0(0x00), Upper end: 127(0x7F)
		CH FADER Deck 2	slide			5	CC	B4	18	12	hh				0(0x00)~127(0x7F) Lower end: 0(0x00), Upper end: 127(0x7F)
		CH FADER Deck 3	slide			5	CC	B4	19	13	hh				0(0x00)~127(0x7F) Lower end: 0(0x00), Upper end: 127(0x7F)
		CH FADER Deck 4	slide			5	CC	B4	20	14	hh				0(0x00)~127(0x7F) Lower end: 0(0x00), Upper end: 127(0x7F)
	3	CROSS FADER ASSIGN THRU	slide			5	CC	B4	95	5F	0				
		CROSS FADER ASSIGN	slide			5	CC	B4	95	5F	40				
		CROSS FADER ASSIGN	slide			5	CC	B4	95	5F	7F				
	4	TRIM Deck 1	rotate			5	CC	B4	1	1	hh				0(0x00)~127(0x7F) Left (-∞): 0(0x00), Right (+9): 127(0x7F)
		TRIM Deck 2	rotate			5	CC	B4	6	6	hh				0(0x00)~127(0x7F) Left (-∞): 0(0x00), Right (+9): 127(0x7F)
		TRIM Deck 3	rotate			5	CC	B4	12	C	hh				0(0x00)~127(0x7F) Left (-∞): 0(0x00), Right (+9): 127(0x7F)
		TRIM Deck 4	rotate			5	CC	B4	80	50	hh				0(0x00)~127(0x7F) Left (-∞): 0(0x00), Right (+9): 127(0x7F)
	5	EQ HIGH Deck 1	rotate			5	CC	B4	2	2	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ HIGH Deck 2	rotate			5	CC	B4	7	7	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ HIGH Deck 3	rotate			5	CC	B4	14	E	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ HIGH Deck 4	rotate			5	CC	B4	81	51	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
	6	EQ MID Deck 1	rotate			5	CC	B4	3	3	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ MID Deck 2	rotate			5	CC	B4	8	8	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ MID Deck 3	rotate			5	CC	B4	15	F	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ MID Deck 4	rotate			5	CC	B4	92	5C	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
	7	EQ LOW Deck 1	rotate			5	CC	B4	4	4	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ LOW Deck 2	rotate			5	CC	B4	9	9	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ LOW Deck 3	rotate			5	CC	B4	21	15	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
		EQ LOW Deck 4	rotate			5	CC	B4	82	52	hh				0(0x00)~127(0x7F) Left (-26): 0(0x00), Right (+6): 127(0x7F)
	8	HEADPHONES MIXING	rotate			5	CC	B4	27	1B	hh				0(0x00)~127(0x7F) Left (CUE): 0(0x00), Right (MASTER): 127(0x7F)
	9	HEADPHONES LEVEL	rotate			5	CC	B4	26	1A	hh				0(0x00)~127(0x7F) Left (-∞): 0(0x00), Right (0): 127(0x7F)
	10	CH CUE (Headphone) Deck 1	press			5	CC	B4	70	46	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		CH CUE (Headphone) Deck 2	press			5	CC	B4	71	47	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		CH CUE (Headphone) Deck 3	press			5	CC	B4	72	48	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		CH CUE (Headphone) Deck 4	press			5	CC	B4	73	49	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	11	MIC LEVEL	rotate												
	12	MIC EQ HI	rotate												
	13	MIC EQ LOW	rotate												
	14	MIC SWITCH	rotate												
	15	MASTER LEVEL	slide			5	CC	B4	24	18	hh				0(0x00)~127(0x7F) Left (-∞): 0(0x00), Right (0): 127(0x7F)
	16	CH LEVEL METER	rotate			1/2/3/4	CC		2			Bn	2	hh	Refer to MIDI-OUT/CH LEVEL METER
	17	AUX SELECT OFF	slide			5	CC	B4	88	58	hh				OFF=0(0x00), ON=127(0x7F)
		AUX SELECT LINE	slide			5	CC	B4	89	59	hh				OFF=0(0x00), ON=127(0x7F)
		AUX SELECT PORTABLE	slide			5	CC	B4	90	5A	hh				OFF=0(0x00), ON=127(0x7F)
	18	AUX TRIM	rotate			5	CC	B4	93	5D	hh				0(0x00)~127(0x7F) Left end: 0(0x00), Right end: 127(0x7F)
4, BROWSER	1	ROTARY SELECTOR	rotate			1	CC	B0	79	4F	hh				Count value difference from previous operation
		ROTARY SELECTOR	rotate		+SHIFT	1	CC	B0	96	60	hh				Turn clockwise: 1~30(0x01~0x1E) / Turn counterclockwise: 127~98(0x7F~0x62)
		ROTARY SELECTOR	press			1	NOTE	90	51	33	hh				OFF=0(0x00), ON=127(0x7F)
		ROTARY SELECTOR	press		+SHIFT	1	NOTE	90	97	61	hh				OFF=0(0x00), ON=127(0x7F)
	2	BACK	press			1	NOTE	90	50	32	hh				OFF=0(0x00), ON=127(0x7F)
		BACK	press		+SHIFT	1	NOTE	90	95	5F	hh				OFF=0(0x00), ON=127(0x7F)
	3	TAG TRACK/REMOVE	press			1	NOTE	90	48	30	hh				OFF=0(0x00), ON=127(0x7F)
		TAG TRACK/REMOVE	press		+SHIFT	1	NOTE	90	98	62	hh				OFF=0(0x00), ON=127(0x7F)
	4	DECK 1/2	press			1/2/3/4	CC	Bn	102	66	hh				OFF=0(0x00), ON=127(0x7F) / DECK1/2=B0,B1 / DECK3/4=B2,B3 / Switch only the deck where SHIFT is pressed.
	5	QUANTIZE	press			1	NOTE	90	9	9	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	6	TIME MODE	press			1	NOTE	90	14	E	hh				OFF=0(0x00), ON=127(0x7F)
		TIME MODE		Long		1	NOTE	90	15	F	hh				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	Trigger	Mode	+SHIFT	MIDI Channel (Dec)	NOTE / CC	Status (hex)	Data1 (Dec)	Data1 (hex)	Data 2 (hex)	Status (hex)	Data 1 (hex)	Data 2 (hex)	
5, PERFOR-MANCE BUTTONS	1[L_R]	HOT CUE	press			1/2/3/4	NOTE	9n	34	22	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		EXTENSION1			+SHIFT	1/2/3/4	NOTE	9n	38	26	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	2[L_R]	BEAT LOOP	press			1/2/3/4	NOTE	9n	35	23	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		EXTENSION2			+SHIFT	1/2/3/4	NOTE	9n	39	27	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	3[L_R]	SLIP LOOP	press			1/2/3/4	NOTE	9n	36	24	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		EXTENSION3			+SHIFT	1/2/3/4	NOTE	9n	40	28	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	4[L_R]	BEAT JUMP	press			1/2/3/4	NOTE	9n	37	25	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
		EXTENSION4			+SHIFT	1/2/3/4	NOTE	9n	41	29	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	5[L_R]	Performance button 1	press	HOT CUE mode		6/7/8/9	NOTE	9n	0	0	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	8	8	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT LOOP mode		6/7/8/9	NOTE	9n	16	10	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	24	18	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				SLIP LOOP mode		6/7/8/9	NOTE	9n	32	20	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	40	28	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT JUMP mode		6/7/8/9	NOTE	9n	48	30	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	56	38	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION1 mode		6/7/8/9	NOTE	9n	64	40	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	72	48	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION2 mode		6/7/8/9	NOTE	9n	80	50	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	88	58	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION3 mode		6/7/8/9	NOTE	9n	96	60	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	104	68	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION4 mode		6/7/8/9	NOTE	9n	112	70	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	120	78	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	6[L_R]	Performance button 2	press	HOT CUE mode		6/7/8/9	NOTE	9n	1	1	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	9	9	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT LOOP mode		6/7/8/9	NOTE	9n	17	11	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	25	19	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				SLIP LOOP mode		6/7/8/9	NOTE	9n	33	21	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	41	29	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT JUMP mode		6/7/8/9	NOTE	9n	49	31	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	57	39	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION1 mode		6/7/8/9	NOTE	9n	65	41	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	73	49	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION2 mode		6/7/8/9	NOTE	9n	81	51	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	89	59	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION3 mode		6/7/8/9	NOTE	9n	97	61	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	105	69	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION4 mode		6/7/8/9	NOTE	9n	113	71	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	121	79	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	7[L_R]	Performance button 3	press	HOT CUE mode		6/7/8/9	NOTE	9n	2	2	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	10	A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT LOOP mode		6/7/8/9	NOTE	9n	18	12	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	26	1A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				SLIP LOOP mode		6/7/8/9	NOTE	9n	34	22	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	42	2A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT JUMP mode		6/7/8/9	NOTE	9n	50	32	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	58	3A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION1 mode		6/7/8/9	NOTE	9n	66	42	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	74	4A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION2 mode		6/7/8/9	NOTE	9n	82	52	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	90	5A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION3 mode		6/7/8/9	NOTE	9n	98	62	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	106	6A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION4 mode		6/7/8/9	NOTE	9n	114	72	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	122	7A	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
	8[L_R]	Performance button 4	press	HOT CUE mode		6/7/8/9	NOTE	9n	3	3	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	11	B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT LOOP mode		6/7/8/9	NOTE	9n	19	13	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	27	1B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				SLIP LOOP mode		6/7/8/9	NOTE	9n	35	23	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	43	2B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				BEAT JUMP mode		6/7/8/9	NOTE	9n	51	33	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	59	3B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION1 mode		6/7/8/9	NOTE	9n	67	43	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	75	4B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION2 mode		6/7/8/9	NOTE	9n	83	53	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	91	5B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION3 mode		6/7/8/9	NOTE	9n	99	63	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	107	6B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
				EXTENSION4 mode		6/7/8/9	NOTE	9n	115	73	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
					+SHIFT	6/7/8/9	NOTE	9n	123	7B	hh	<- same as MIDI IN			OFF=0(0x00), ON=127(0x7F)
6, OTHERS		PC Control mode				1/2/3/4	CC	Bn	100	64	hh				OFF=0(0x00), ON=127(0x7F) ([BROWSE] > [MIDI] > [LOAD])
		Mixer mode				5	CC	B4	101	65	hh	<- same as MIDI IN			Select MIDI CONTROL mode : 0x00 Select XDJ-LOW mode : ON=0x7F ([UTILITY] > [MIXER MODE])
		Load	Deck 1	Trigger for LOAD illumination (Blinking LOAD button)		12	NOTE					9B	0	hh	OFF=0(0x00), ON=127(0x7F)
			Deck 2			12	NOTE					9B	1	hh	OFF=0(0x00), ON=127(0x7F)
			Deck 3			12	NOTE					9B	2	hh	OFF=0(0x00), ON=127(0x7F)
			Deck 4			12	NOTE					9B	3	hh	OFF=0(0x00), ON=127(0x7F)

CH LEVEL METER

Display level		MIDI OUT (C.C)
Red	12	109
Amber	9	104
Amber	6	99
Amber	3	94
Amber	0	89
Green	-6	79
Green	-12	70
Green	-18	60
Green	-24	50