DDJ-200
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)
DECK 1 (other than PERFORMANCE PAD)	1	n=0
DECK 2 (other than PERFORMANCE PAD)	2	n=1
EFFECT	5	4
BROWSER	7	6
DECK 1 PERFORMANCE PAD (without SHIFT)	8	p=7
DECK 1 PERFORMANCE PAD (with SHIFT)	9	p=8
DECK 2 PERFORMANCE PAD (without SHIFT)	10	p=9
DECK 2 PERFORMANCE PAD (with SHIFT)	11	p=A
MIDI OUT	16	15

1 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.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data 2)
DECK		*All the functions assigned on the right deck are the same as those on the left deck shown below.														
	D1	JOG (Platter)		rotate	Vinyl mode On (*1)	1/2	CC	34	—	Bn	22	hh				Difference count value from previous operated
					Vinyl mode Off (*1)	1/2	CC	35	—	Bn	23	hh				Turn clockwise : Increases from 65 (0x41)
			+SHIFT			1/2	CC	41	—	Bn	29	hh				Turn counterclockwise : Decreases from 63 (0x3F)
				touch		1/2	NOTE	54	F#3	9n	36	hh				OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	103	G7	9n	67	hh				OFF=0x00, ON=0x7F
		JOG (Wheel side)		rotate		1/2	CC	33	—	Bn	21	hh				Difference count value from previous operated
																Turn clockwise : Increases from 65 (0x41)
			+SHIFT			1/2	CC	33	—	Bn	21	hh				Turn counterclockwise : Decreases from 63 (0x3F)
	D2	BEAT SYNC		press		1/2	NOTE	88	E6	9n	58	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
				long press		1/2	NOTE	92	G#6	9n	5C	hh				OFF=0x00, ON=0x7F
			+SHIFT	press		1/2	NOTE	96	C7	9n	60	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D3	Tempo		slide		1/2	CC	0 / 32	—	Bn	00 / 20	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F)
			+SHIFT			1/2	CC	0 / 32	—	Bn	00 / 20	MSB LSB				" − " side : Min (MSB:0x00 LSB:0x00)
																" + " side : Max (MSB:0x7F LSB:0x7F)
	D4	PLAY/PAUSE		press		1/2	NOTE	11	B-1	9n	0B	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	71	B4	9n	47	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D5	CUE		press		1/2	NOTE	12	C0	9n	0C	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	72	C5	9n	48	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	D6	SHIFT		press		1/2	NOTE	63	D#4	9n	3F	hh				OFF=0x00, ON=0x7F
MIXER	M1	EQ HI		rotate		1/2	CC	7 / 39	—	Bn	07 / 27	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	M2	EQ MID		rotate		1/2	CC	11 / 43	—	Bn	0B / 2B	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	M3	EQ LOW		rotate		1/2	CC	15 / 47	—	Bn	0F / 2F	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	M4-1	COLOR FX Parameter (CH1)		rotate		7	CC	23 / 55	—	B6	17 / 37	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	M4-2	COLOR FX Parameter (CH2)		rotate		7	CC	24 / 56	—	B6	18 / 38	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) When turned fully counterclockwise : Min When turned fully clockwise : Max
	M5	MASTER CUE		press		7	NOTE	99	D#7	96	63	hh	← Same as MIDI-IN			
			+SHIFT			7	NOTE	120	C9	96	78	hh	← Same as MIDI-IN			
	M6	CUE (headphones)		press		1/2	NOTE	84	C6	9n	54	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	104	G#7	9n	68	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	M7	CH FADER		slide		1/2	CC	19 / 51	—	Bn	13 / 33	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) Min at bottom end, Max at top end
	M8	CROSSFADER		slide		7	CC	31 / 63	—	B6	1F / 3F	MSB LSB				Min (MSB : 0x00, LSB : 0x00) ～ Max (MSB : 0x7F, LSB : 0x7F) Min at left side, Max at right side
	M7 M8	CROSSFADER /CH FADER (Fader Start)	+SHIFT	slide	Zero → not Zero	1/2	NOTE	102	F#7	9n	66	hh	← Same as MIDI-IN			PLAY message only for fader start OFF=0x00, ON=0x7F
			+SHIFT		Not Zero → Zero	1/2	NOTE	82	A#5	9n	52	hh	← Same as MIDI-IN			CUE message only for fader start OFF=0x00, ON=0x7F
EFFECT	F1	TRANSITION FX		press		7	NOTE	89	F6	96	59	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			7	NOTE	90	F#6	96	5A	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
PAD	P1	PAD 1		press		8/10	NOTE	0	C-1	9p	0	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	0	C-1	9p	0	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P2	PAD 2		press		8/10	NOTE	1	C#-1	9p	1	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	1	C#-1	9p	1	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P3	PAD 3		press		8/10	NOTE	2	D-1	9p	2	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	2	D-1	9p	2	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P4	PAD 4		press		8/10	NOTE	3	D#-1	9p	3	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	3	D#-1	9p	3	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P5	PAD 5		press		8/10	NOTE	4	E-1	9p	4	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	4	E-1	9p	4	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P6	PAD 6		press		8/10	NOTE	5	F-1	9p	5	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	5	F-1	9p	5	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P7	PAD 7		press		8/10	NOTE	6	F#-1	9p	6	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	6	F#-1	9p	6	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	P8	PAD 8		press		8/10	NOTE	7	G-1	9p	7	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT			9/11	NOTE	7	G-1	9p	7	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F

MIDI-OUT

Group	Fig.	UI name	+SHIFT	Trigger	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1) (Dec)	(English scale)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Details (Data 2)
Illumination control		LOADED (CH1)	Load illumination			16	NOTE	0	C-1				9F	00	7F	
		LOADED (CH2)				16	NOTE	1	C#-1				9F	01	7F	
Settings		VINYL MODE	Vinyl mode on/off (*1)			1/2	NOTE	23	B0				9n	17	hh	OFF=0x00, ON=0x7F (Default：ON)

*1   Vinyl mode can not be turned off via the DDJ-200. To turn Vinyl mode off, send the following MIDI message [0x9n, 0x17, 0x00] using any DJ application.