

CDJ-3000X

MIDI Message List





As a reference for MIDI assign, MIDI messages sent from buttons and knobs of this unit are listed in decimal numbers.

0x9* :Note

0xB* :Control Change (CC)

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.

n is MIDI channel (1 - 16) set in UTILITY Midi Channel.

Group	Fig.	User Interface		NOTE / CC	Status (HEX)	MIDI-IN			Detail of Data2
		UI name	Operation			Data1		Data 2	
						(DEC)	(HEX)	(HEX)	
PLAYER	1	Jog dial (Platter)	Rotate	CC	Bn	16	10	hh	A linear value corresponding to the speed, from stop to 4X: 64 when stopped, 65(0.06X) - 127(4X) in the forward direction, 63(0.06X) - 0(4X) in the reverse direction.
			Touch	NOTE	9n	23	17	hh	OFF=0(0x00), ON=127(0x7F)
	2	Jog Dial (Wheel side)	Rotate	CC	Bn	48	30	hh	A linear value corresponding to the speed from 0.5X to 4X: 64 when stopped, 65(0.5X) to 127(4X) in the forward direction, 63(0.5X) to 0(4X) in the reverse direction.
	3	TEMPO	Slide	CC	Bn	29	1D	hh	0 - 127, 0 on the - side, 127 on the + side.
	4	TEMPO RESET	Press	NOTE	9n	9	9	hh	OFF=0(0x00), ON=127(0x7F)
	5	MASTER TEMPO	Press	NOTE	9n	11	B	hh	OFF=0(0x00), ON=127(0x7F)
	6	TEMPO RANGE	Press	NOTE	9n	10	A	hh	OFF=0(0x00), ON=127(0x7F)
	7	KEY SYNC	Press	NOTE	9n	72	48	hh	OFF=0(0x00), ON=127(0x7F)
	8	SYNC	Press	NOTE	9n	22	16	hh	OFF=0(0x00), ON=127(0x7F)
	9	MASTER	Press	NOTE	9n	21	15	hh	OFF=0(0x00), ON=127(0x7F)
	10	JOG ADJUST	Rotate						(Hardware Control)
	11	JOG MODE	Press	NOTE	9n	12	C	hh	OFF=0(0x00), ON=127(0x7F)
	12	VINYL SPEED ADJUST V ₀	Rotate	CC	Bn	30	1E	hh	0 - 127, 0(min.) on the left side, 127(max.) on the right side.
	13	SEARCH FWD	Press	NOTE	9n	2	2	hh	OFF=0(0x00), ON=127(0x7F)
		SEARCH REV	Press	NOTE	9n	3	3	hh	OFF=0(0x00), ON=127(0x7F)
	14	TRACK SEARCH FWD	Press	NOTE	9n	4	4	hh	OFF=0(0x00), ON=127(0x7F)
		TRACK SEARCH REV	Press	NOTE	9n	5	5	hh	OFF=0(0x00), ON=127(0x7F)
	15	SLIP REVERSE	Press	NOTE	9n	24	18	hh	OFF=0(0x00), ON=127(0x7F)
	16	REVERSE	Press	NOTE	9n	25	19	hh	OFF=0(0x00), ON=127(0x7F)
	17	BEAT JUMP FWD	Press	NOTE	9n	54	36	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV	Press	NOTE	9n	55	37	hh	OFF=0(0x00), ON=127(0x7F)
	18	4 BEAT	Press	NOTE	9n	44	2C	hh	OFF=0(0x00), ON=127(0x7F)
		8 BEAT	Press	NOTE	9n	45	2D	hh	OFF=0(0x00), ON=127(0x7F)
	19	LOOP IN	Press	NOTE	9n	35	23	hh	OFF=0(0x00), ON=127(0x7F)
		LOOP OUT	Press	NOTE	9n	36	24	hh	OFF=0(0x00), ON=127(0x7F)
	20	RELOOP/EXIT	Press	NOTE	9n	37	25	hh	OFF=0(0x00), ON=127(0x7F)
	21	CUE/LOOP CALL NEXT	Press	NOTE	9n	14	E	hh	OFF=0(0x00), ON=127(0x7F)
		CUE/LOOP CALL PREV	Press	NOTE	9n	15	F	hh	OFF=0(0x00), ON=127(0x7F)
	22	CUE/LOOP DELETE	Press	NOTE	9n	16	10	hh	OFF=0(0x00), ON=127(0x7F)
	23	CUE/LOOP MEMORY	Press	NOTE	9n	13	D	hh	OFF=0(0x00), ON=127(0x7F)
	24	PLAY/PAUSE	Press	NOTE	9n	0	0	hh	OFF=0(0x00), ON=127(0x7F)
	25	CUE	Press	NOTE	9n	1	1	hh	OFF=0(0x00), ON=127(0x7F)
	26	QUANTIZE	Press	NOTE	9n	6	6	hh	OFF=0(0x00), ON=127(0x7F)
	27	SLIP	Press	NOTE	9n	7	7	hh	OFF=0(0x00), ON=127(0x7F)
	28	NEEDLE POSITION (Overall waveform)	Press	CC	Bn	28	1C	hh	OFF=0(0x00), 1 to 127 position data from left to right side.
BROWSER	29	ROTARY SELECTOR	Rotate	CC	Bn	79	4F	hh	Count value difference from previous operation Turn clockwise: 1~30 (0x01~0x1E) Turn counterclockwise: 127~98 (0x7F~0x62) When over ±30, set at ±30
			Press	NOTE	9n	17	11	hh	OFF=0(0x00), ON=127(0x7F)
	30	BACK	Press	NOTE	9n	18	12	hh	OFF=0(0x00), ON=127(0x7F)
	31	TAG TRACK/REMOVE	Press	NOTE	9n	19	13	hh	OFF=0(0x00), ON=127(0x7F)
	32	TRACK FILTER	Press	NOTE	9n	20	14	hh	OFF=0(0x00), ON=127(0x7F)
	33	SHORT CUT	Press						(Hardware Control)

Group	Fig.	User Interface		NOTE / CC	Status	MIDI-IN			Detail of Data2
		UI name	Operation			Data1		Data 2	
PERFORMANCE (Hardware)	34	HOT CUE CALL/DELETE	Press	NOTE	9n	26	1A	hh	OFF=0(0x00), ON=127(0x7F)
	35	HOT CUE A	Press	NOTE	9n	27	1B	hh	OFF=0(0x00), ON=127(0x7F)
		HOT CUE B	Press	NOTE	9n	28	1C	hh	OFF=0(0x00), ON=127(0x7F)
		HOT CUE C	Press	NOTE	9n	29	1D	hh	OFF=0(0x00), ON=127(0x7F)
		HOT CUE D	Press	NOTE	9n	30	1E	hh	OFF=0(0x00), ON=127(0x7F)
		HOT CUE E	Press	NOTE	9n	31	1F	hh	OFF=0(0x00), ON=127(0x7F)
		HOT CUE F	Press	NOTE	9n	32	20	hh	OFF=0(0x00), ON=127(0x7F)
		HOT CUE G	Press	NOTE	9n	33	21	hh	OFF=0(0x00), ON=127(0x7F)
	HOT CUE H	Press	NOTE	9n	34	22	hh	OFF=0(0x00), ON=127(0x7F)	
PERFORMANCE (GUI)	36	BEAT LOOP							
		BEAT LOOP 1/4	Press	NOTE	9n	40	28	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 1/2	Press	NOTE	9n	41	29	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 1	Press	NOTE	9n	42	2A	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 2	Press	NOTE	9n	43	2B	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 4	Press	NOTE	9n	44	2C	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 8	Press	NOTE	9n	45	2D	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 16	Press	NOTE	9n	46	2E	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 32	Press	NOTE	9n	47	2F	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 3/4	Press	NOTE	9n	49	31	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 1	Press	NOTE	9n	42	2A	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 3/2	Press	NOTE	9n	76	4C	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 3	Press	NOTE	9n	50	32	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT LOOP 5	Press	NOTE	9n	77	4D	hh	OFF=0(0x00), ON=127(0x7F)
	BEAT LOOP 6	Press	NOTE	9n	51	33	hh	OFF=0(0x00), ON=127(0x7F)	
	BEAT LOOP 7	Press	NOTE	9n	78	4E	hh	OFF=0(0x00), ON=127(0x7F)	
	BEAT LOOP 9	Press	NOTE	9n	52	34	hh	OFF=0(0x00), ON=127(0x7F)	
	SLIP LOOP								
	27 + 36	SLIP LOOP 1/16	Press	NOTE	9n	38	26	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 1/8	Press	NOTE	9n	39	27	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 1/4	Press	NOTE	9n	40	28	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 1/2	Press	NOTE	9n	41	29	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 1	Press	NOTE	9n	42	2A	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 2	Press	NOTE	9n	43	2B	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 1/3	Press	NOTE	9n	48	30	hh	OFF=0(0x00), ON=127(0x7F)
		SLIP LOOP 3/4	Press	NOTE	9n	49	31	hh	OFF=0(0x00), ON=127(0x7F)
	BEAT JUMP								
	37	BEAT JUMP FWD(1/2)	Press	NOTE	9n	56	38	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(1/2)	Press	NOTE	9n	57	39	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP FWD(1)	Press	NOTE	9n	58	3A	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(1)	Press	NOTE	9n	59	3B	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP FWD(2)	Press	NOTE	9n	60	3C	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(2)	Press	NOTE	9n	61	3D	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP FWD(4)	Press	NOTE	9n	62	3E	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(4)	Press	NOTE	9n	63	3F	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP FWD(8)	Press	NOTE	9n	64	40	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(8)	Press	NOTE	9n	65	41	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP FWD(16)	Press	NOTE	9n	66	42	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(16)	Press	NOTE	9n	67	43	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP FWD(32)	Press	NOTE	9n	68	44	hh	OFF=0(0x00), ON=127(0x7F)
		BEAT JUMP REV(32)	Press	NOTE	9n	69	45	hh	OFF=0(0x00), ON=127(0x7F)
	BEAT JUMP FWD(64)	Press	NOTE	9n	70	46	hh	OFF=0(0x00), ON=127(0x7F)	
	BEAT JUMP REV(64)	Press	NOTE	9n	71	47	hh	OFF=0(0x00), ON=127(0x7F)	
	KEY SHIFT								
	38	KEY SHIFT +1	Press	NOTE	9n	73	49	hh	OFF=0(0x00), ON=127(0x7F)
	39	KEY SHIFT -1	Press	NOTE	9n	74	4A	hh	OFF=0(0x00), ON=127(0x7F)
40	KEY RESET	Press	NOTE	9n	75	4B	hh	OFF=0(0x00), ON=127(0x7F)	