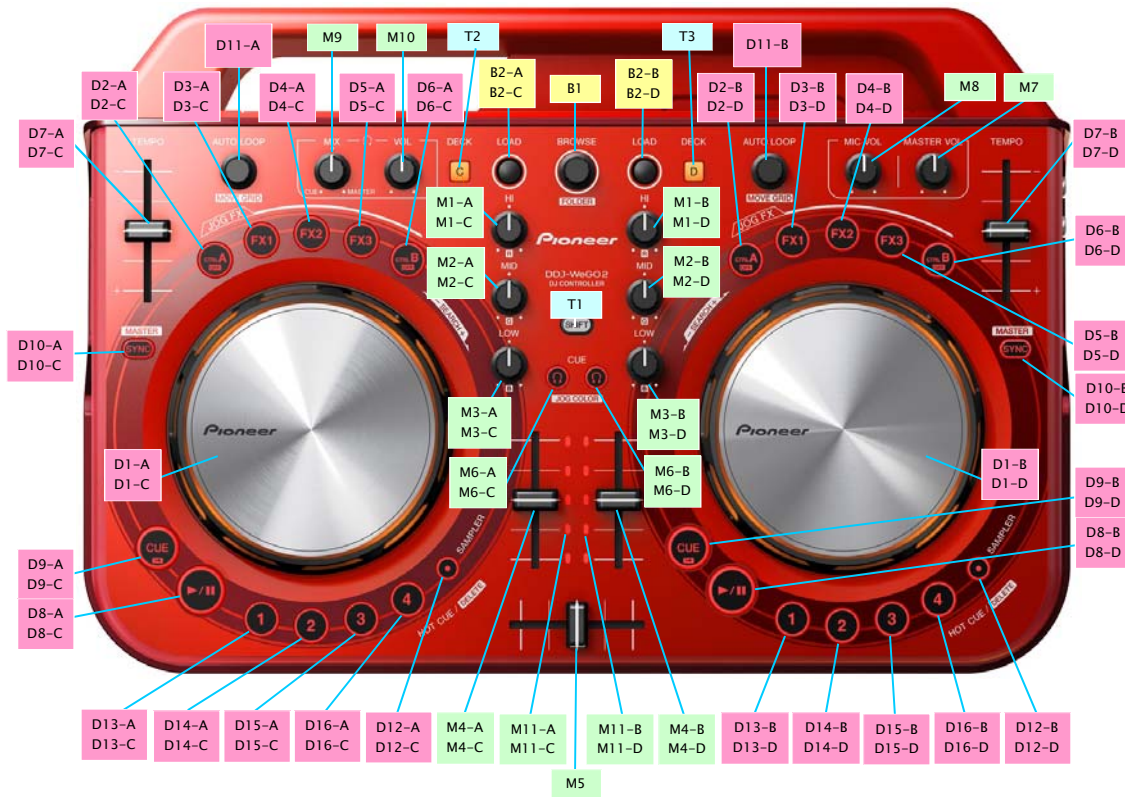


DDJ-WeGO2

List of MIDI Messages



The following MIDI Channels are assigned to the Browser, the Deck, the Mixer and the Effect sections of DDJ-WeGO2.
 *"n" is the value of the channel number minus 1.
 • Deck A is set to 0, Deck B is to 1, Deck C is to 2 and Deck D is set to 3
 • When the controls are moved while pressing the [SHIFT] Button, MIDI message for "When SHIFT button is on" is sent.
 • No MIDI message is assigned to the [SHIFT] Button.

Deck A	MIDI Channel	n = 0
Deck B	MIDI Channel	n = 1
Deck C	MIDI Channel	n = 2
Deck D	MIDI Channel	n = 3
Effect A/C	MIDI Channel	n = 4
Effect B/D	MIDI Channel	n = 5
Browser, Mixer and Global sections	MIDI Channel	n = 6

0x9*: Note On
 0xB*: Control Change (CC)

1 Browser

SW Name	Fig	MIDI message (DDJ-WeGO2 → Computer)						Notes
		When SHIFT button is OFF			When SHIFT button is ON			
Rotary Selector (Turn)	B1	0x86	0x40	dd	0x86	0x64	dd	Differential count value from the previous time. •Turn clockwise: 1~(max)30 •Turn counterclockwise: 127~(min)98
Rotary Selector (Press)		0x96	0x41	dd	0x96	0x42	dd	
LOAD Button (Deck A)	B2-A	0x96	0x46	dd	0x96	0x58	dd	OFF = 0, ON = 127
LOAD Button (Deck B)	B2-B	0x96	0x47	dd	0x96	0x59	dd	OFF = 0, ON = 127
LOAD Button (Deck C)	B2-C	0x96	0x48	dd	0x96	0x5A	dd	OFF = 0, ON = 127
LOAD Button (Deck D)	B2-D	0x96	0x49	dd	0x96	0x5B	dd	OFF = 0, ON = 127

SW Name	Fig	MIDI message (DDI-WeGO2 → Computer)						Notes	
		When SHIFT button is OFF			When SHIFT button is ON				
PLAY/PAUSE ■■ Button	D8	Track Deck	0x9n	0x0B	dd	0x9n	0x47	dd	OFF = 0, ON = 127
		Remix Deck	0x9n	0x7A	dd	-	-	-	OFF = 0, ON = 127
CUE Button	D9		0x9n	0x0C	dd	0x9n	0x48	dd	OFF = 0, ON = 127
AUTO LOOP Knob (Turn)	D11		0xBn	0x13	dd	0xBn	0x4F	dd	Differential count value from the previous time. •Turn clockwise: 1~(max)30 •Turn counterclockwise: 127~(min)98
AUTO LOOP Knob (Press)			0x9n	0x14	dd	0x9n	0x50	dd	OFF = 0, ON = 127
DECK C Button	T2		0x93	0x72	dd	-	-	-	OFF = 0, ON = 127
DECK D Button	T3		0x9n	0x72	dd	-	-	-	OFF = 0, ON = 127
HOT CUE/DELETE 1 Button	D13/D17		0x9n	0x2E	dd	0x9n	0x5F	dd	OFF = 0, ON = 127
HOT CUE/DELETE 2 Button	D14/D18		0x9n	0x2F	dd	0x9n	0x60	dd	OFF = 0, ON = 127
HOT CUE/DELETE 3 Button	D15/D19		0x9n	0x30	dd	0x9n	0x61	dd	OFF = 0, ON = 127
HOT CUE/DELETE 4 Button	D16/D20		0x9n	0x31	dd	0x9n	0x62	dd	OFF = 0, ON = 127
TEMPO Slider	D7		0xBn	0x00	MSB	0xBn	0x05	MSB	0~16383
			0xBn	0x20	LSB	0xBn	0x25	LSB	0 at - end, 16383 at + end
SYNC (MASTER) Button	D10		0x9n	0x58	dd	0x9n	0x5C	dd	OFF = 0, ON = 127
Jog Dial (Turn the outer rim)	D1		0xBn	0x21	dd	0xBn	0x26	dd	Differential count value from the previous time •Turn clockwise: 65~(max)127 •Turn counterclockwise: 63~(min)1
Jog Dial (Turn the platter)			0xBn	0x22	dd	0xBn	0x27	dd	Differential count value from the previous time •Turn clockwise: 65~(max)127 •Turn counterclockwise: 63~(min)1
Jog Dial (Press the platter)			0x9n	0x36	dd	0x9n	0x67	dd	OFF = 0, ON = 127

Indicator Name	Fig	MIDI message (Computer → DDI-WeGO2)						Notes	
		When SHIFT button is OFF			When SHIFT button is ON				
PLAY/PAUSE ■■ Button	D8		0x9n	0x0B	dd	0x9n	0x47	dd	Off = 0, Lit = 127
CUE Button	D9		0x9n	0x0C	dd	0x9n	0x48	dd	Off = 0, Lit = 127
DECK C Button	T2		0x92	0x72	dd	-	-	-	Off = 0, Lit = 127
DECK D Button	T3		0x93	0x72	dd	-	-	-	Off = 0, Lit = 127
HOT CUE/DELETE 1 Button	D13/D17		0x9n	0x2E	dd	0x9n	0x5F	dd	Off = 0, Lit = 127
HOT CUE/DELETE 2 Button	D14/D18		0x9n	0x2F	dd	0x9n	0x60	dd	Off = 0, Lit = 127
HOT CUE/DELETE 3 Button	D15/D19		0x9n	0x30	dd	0x9n	0x61	dd	Off = 0, Lit = 127
HOT CUE/DELETE 4 Button	D16/D20		0x9n	0x31	dd	0x9n	0x62	dd	Off = 0, Lit = 127
SYNC(MASTER) Button	D10		0x9n	0x58	dd	0x9n	0x5C	dd	Off = 0, Lit = 127

SW Name	Fig	MIDI message (DJ-WeGO2 → Computer)						Notes
		When SHIFT button is OFF			When SHIFT button is ON			
HEADPHONES MIX Knob	M9	0xB6	0x01	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x21	LSB	-	-	-	
EQ[H/I]Knob	Deck A	0xB6	0x07	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x27	LSB	-	-	-	
	Deck B	0xB6	0x08	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x28	LSB	-	-	-	
	Deck C	0xB6	0x09	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x29	LSB	-	-	-	
	Deck D	0xB6	0x0A	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x2A	LSB	-	-	-	
EQ[MID]Knob	Deck A	0xB6	0x0B	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x2B	LSB	-	-	-	
	Deck B	0xB6	0x0C	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x2C	LSB	-	-	-	
	Deck C	0xB6	0x0D	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x2D	LSB	-	-	-	
	Deck D	0xB6	0x0E	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x2E	LSB	-	-	-	
EQ[LOW]Knob	Deck A	0xB6	0x0F	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x2F	LSB	-	-	-	
	Deck B	0xB6	0x10	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x30	LSB	-	-	-	
	Deck C	0xB6	0x11	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x31	LSB	-	-	-	
	Deck D	0xB6	0x12	MSB	-	-	-	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x32	LSB	-	-	-	
SHIFT Button	T1	0x96	0x4F	dd	-	-	-	OFF=0, ON=127
HEADPHONES CUE Button	Deck A	0x96	0x54	dd	0x96	0x5C	dd	OFF=0, ON=127
	Deck B	0x96	0x55	dd	0x96	0x5D	dd	OFF=0, ON=127
	Deck C	0x96	0x56	dd	0x96	0x5E	dd	OFF=0, ON=127
	Deck D	0x96	0x57	dd	0x96	0x5F	dd	OFF=0, ON=127
Channel fader	Deck A	0xB6	0x13	MSB	0xB6	0x14	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x33	LSB	0xB6	0x34	LSB	
	Deck B	0xB6	0x15	MSB	0xB6	0x16	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x35	LSB	0xB6	0x36	LSB	
	Deck C	0xB6	0x17	MSB	0xB6	0x18	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x37	LSB	0xB6	0x38	LSB	
	Deck D	0xB6	0x19	MSB	0xB6	0x1A	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
		0xB6	0x39	LSB	0xB6	0x3A	LSB	
Crossfader	M5	0xB6	0x1F	MSB	0xB6	0x00	MSB	0~16383
		0xB6	0x3F	LSB	0xB6	0x20	LSB	When slid to the far left: 0, Far right: 16383

Indicator Name	Fig	MIDI message (Computer → DJ-WeGO2)						Indicator Color	Notes
		When SHIFT button is OFF			When SHIFT button is ON				
HEADPHONES CUE Button	Deck A	0x96	0x54	dd	-	-	-	Red	Off = 0, Lit = 127
	Deck B	0x96	0x55	dd	-	-	-	Red	Off = 0, Lit = 127
	Deck C	0x96	0x56	dd	-	-	-	Red	Off = 0, Lit = 127
	Deck D	0x96	0x57	dd	-	-	-	Red	Off = 0, Lit = 127

SW Name	Fig	MIDI message (DDJ-WeGO2 → Computer)						Notes	
		When SHIFT button is OFF			When SHIFT button is ON				
CTRL A Button	Deck A / Deck B	D2	0x9n	0x42	dd	0x9n	0x42	dd	OFF = 0, ON = 127
						0x9n	0x43	dd	OFF = 0, ON = 127
						0x9n	0x44	dd	OFF = 0, ON = 127
						0x9n	0x45	dd	OFF = 0, ON = 127
						0x9n	0x46	dd	OFF = 0, ON = 127
						0xBn	0x07	MSB	MSB:0x40, LSB:0x00
	0xBn	0x27	LSB						
	Deck C / Deck D	D2	0x9n	0x47	dd	0xBn	0x00	MSB	MSB:0x40, LSB:0x00
						0xBn	0x20	LSB	
						0x9n	0x47	dd	OFF = 0, ON = 127
						0x9n	0x48	dd	OFF = 0, ON = 127
						0x9n	0x49	dd	OFF = 0, ON = 127
0x9n						0x4A	dd	OFF = 0, ON = 127	
0x9n	0x4B	dd	OFF = 0, ON = 127						
0xBn	0x0F	MSB	MSB:0x40, LSB:0x00						
0xBn	0x2F	LSB							
FX1 Button	Deck A / Deck B	D3	0x9n	0x43	dd	0x9n	0x4D	dd	OFF = 0, ON = 127
Deck C / Deck D	0x9n		0x48	dd	0x9n	0x52	dd	OFF = 0, ON = 127	
FX2 Button	Deck A / Deck B	D4	0x9n	0x44	dd	0x9n	0x4E	dd	OFF = 0, ON = 127
Deck C / Deck D	0x9n		0x49	dd	0x9n	0x53	dd	OFF = 0, ON = 127	
FX3 Button	Deck A / Deck B	D5	0x9n	0x45	dd	0x9n	0x4F	dd	OFF = 0, ON = 127
Deck C / Deck D	0x9n		0x4A	dd	0x9n	0x54	dd	OFF = 0, ON = 127	
CTRL B Button	Deck A / Deck B	D6	0x9n	0x46	dd	0x9n	0x42	dd	OFF = 0, ON = 127
						0x9n	0x43	dd	OFF = 0, ON = 127
						0x9n	0x44	dd	OFF = 0, ON = 127
						0x9n	0x45	dd	OFF = 0, ON = 127
						0x9n	0x46	dd	OFF = 0, ON = 127
						0xBn	0x00	MSB	MSB:0x40, LSB:0x00
	0xBn	0x20	LSB						
	Deck C / Deck D	D6	0x9n	0x4B	dd	0xBn	0x07	MSB	MSB:0x40, LSB:0x00
						0xBn	0x27	LSB	
						0x9n	0x47	dd	OFF = 0, ON = 127
						0x9n	0x48	dd	OFF = 0, ON = 127
						0x9n	0x49	dd	OFF = 0, ON = 127
0x9n						0x4A	dd	OFF = 0, ON = 127	
0x9n	0x4B	dd	OFF = 0, ON = 127						
0xBn	0x08	MSB	MSB:0x40, LSB:0x00						
0xBn	0x28	LSB							
Turn the Jog Dial When CTRL A is ON	Deck A / Deck B	D1	0xBn	0x00	MSB	0xBn	0x10	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x20	LSB	0xBn	0x30	LSB	
Turn the Jog Dial When FX1 is ON	Deck A / Deck B	D1	0xBn	0x08	MSB	0xB5	0x18	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x28	LSB	0xB5	0x38	LSB	
Turn the Jog Dial When FX2 is ON	Deck A / Deck B	D1	0xBn	0x02	MSB	0xBn	0x12	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x22	LSB	0xBn	0x32	LSB	
Turn the Jog Dial When FX3 is ON	Deck A / Deck B	D1	0xBn	0x0A	MSB	0xB5	0x1A	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x2A	LSB	0xB5	0x3A	LSB	
Turn the Jog Dial When CTRL B is ON	Deck A / Deck B	D1	0xBn	0x04	MSB	0xBn	0x14	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x24	LSB	0xBn	0x34	LSB	
Turn the Jog Dial When CTRL A is ON	Deck A / Deck B	D1	0xBn	0x06	MSB	0xBn	0x16	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x26	LSB	0xBn	0x36	LSB	
Turn the Jog Dial When CTRL B is ON	Deck A / Deck B	D1	0xBn	0x0E	MSB	0xB5	0x1E	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x2E	LSB	0xB5	0x3E	LSB	
Turn the Jog Dial When CTRL B is ON	Deck A / Deck B	D1	0xBn	0x07	MSB	0xBn	0x17	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x27	LSB	0xBn	0x37	LSB	
Turn the Jog Dial When CTRL B is ON	Deck A / Deck B	D1	0xBn	0x0F	MSB	0xB5	0x1F	MSB	0~16383 When turned fully counterclockwise: 0 / Fully clockwise: 16383
	Deck C / Deck D		0xBn	0x2F	LSB	0xB5	0x3F	LSB	

Indicator Name	Fig	MIDI message (Computer → DDJ-WeGO2)						Indicator Color	Notes
		When SHIFT button is OFF			When SHIFT button is ON				
CTRL A Button	Deck A / Deck B	D2	0x9n	0x42	dd	0x9n	0x42	dd	OFF = 0, ON = 127
						0x9n	0x43	dd	OFF = 0, ON = 127
						0x9n	0x44	dd	OFF = 0, ON = 127
						0x9n	0x45	dd	OFF = 0, ON = 127
						0x9n	0x46	dd	OFF = 0, ON = 127
						0xBn	0x07	dd	0~127
	Deck C / Deck D	D2	0x9n	0x47	dd	0xBn	0x00	dd	0~127
						0x9n	0x47	dd	OFF = 0, ON = 127
						0x9n	0x48	dd	OFF = 0, ON = 127
						0x9n	0x49	dd	OFF = 0, ON = 127
						0x9n	0x4A	dd	OFF = 0, ON = 127
						0x9n	0x4B	dd	OFF = 0, ON = 127
0xBn	0x0F	dd	0~127						
0xBn	0x2F	dd	0~127						
FX1 Button	Deck A / Deck B	D3	0x9n	0x43	dd	0x9n	0x4D	dd	OFF = 0, ON = 127
Deck C / Deck D	0x9n		0x48	dd	0x9n	0x52	dd	OFF = 0, ON = 127	
FX2 Button	Deck A / Deck B	D4	0x9n	0x44	dd	0x9n	0x4E	dd	OFF = 0, ON = 127
Deck C / Deck D	0x9n		0x49	dd	0x9n	0x53	dd	OFF = 0, ON = 127	
FX3 Button	Deck A / Deck B	D5	0x9n	0x45	dd	0x9n	0x4F	dd	OFF = 0, ON = 127
Deck C / Deck D	0x9n		0x4A	dd	0x9n	0x54	dd	OFF = 0, ON = 127	
CTRL B Button	Deck A / Deck B	D6	0x9n	0x46	dd	0x9n	0x42	dd	OFF = 0, ON = 127
						0x9n	0x43	dd	OFF = 0, ON = 127
						0x9n	0x44	dd	OFF = 0, ON = 127
						0x9n	0x45	dd	OFF = 0, ON = 127
						0x9n	0x46	dd	OFF = 0, ON = 127
						0xBn	0x00	dd	0~127
	Deck C / Deck D	D6	0x9n	0x4B	dd	0xBn	0x07	dd	0~127
						0x9n	0x47	dd	OFF = 0, ON = 127
						0x9n	0x48	dd	OFF = 0, ON = 127
						0x9n	0x49	dd	OFF = 0, ON = 127
						0x9n	0x4A	dd	OFF = 0, ON = 127
						0x9n	0x4B	dd	OFF = 0, ON = 127
0xBn	0x08	dd	0~127						
0xBn	0x28	dd	0~127						
Turn the Jog Dial When CTRL A is ON	Deck A / Deck B	D1	0xBn	0x00	dd	0xBn	0x10	dd	0~127
Deck C / Deck D	0xBn		0x08	dd	0xB5	0x18	dd	0~127	
Turn the Jog Dial When FX1 is ON	Deck A / Deck B	D1	0xBn	0x02	dd	0xBn	0x12	dd	0~127
Deck C / Deck D	0xBn		0x0A	dd	0xB5	0x1A	dd	0~127	
Turn the Jog Dial When FX2 is ON	Deck A / Deck B	D1	0xBn	0x04	dd	0xBn	0x14	dd	0~127
Deck C / Deck D	0xBn		0x0C	dd	0xB5	0x1C	dd	0~127	
Turn the Jog Dial When FX3 is ON	Deck A / Deck B	D1	0xBn	0x06	dd	0xBn	0x16	dd	0~127
Deck C / Deck D	0xBn		0x06	dd	0xBn	0x16	dd	0~127	
Turn the Jog Dial When CTRL A is ON	Deck A / Deck B	D1	0xBn	0x0E	dd	0xB5	0x1E	dd	0~127
Deck C / Deck D	0xBn		0x0E	dd	0xB5	0x1E	dd	0~127	
Turn the Jog Dial When CTRL B is ON	Deck A / Deck B	D1	0xBn	0x07	dd	0xBn	0x17	dd	0~127
Deck C / Deck D	0xBn		0x0F	dd	0xB5	0x1F	dd	0~127	

5 Sampler

SW Name	Fig	MIDI message (DDJ-WeGO2 → Computer)						Notes
		When SHIFT button is OFF			When SHIFT button is ON			
SAMPLER Button	D12	0x9n	0x59	dd	–	–	–	OFF = 0, ON = 127
SAMPLER1 Button	D13	0x9n	0x3C	dd	0x9n	0x3D	dd	OFF = 0, ON = 127
SAMPLER2 Button	D14	0x9n	0x3E	dd	0x9n	0x3F	dd	OFF = 0, ON = 127
SAMPLER3 Button	D15	0x9n	0x40	dd	0x9n	0x41	dd	OFF = 0, ON = 127
SAMPLER4 Button	D16	0x9n	0x42	dd	0x9n	0x43	dd	OFF = 0, ON = 127

Indicator Name	Fig	MIDI message (Computer → DDJ-WeGO2)						Notes
		When SHIFT button is OFF			When SHIFT button is ON			
SAMPLER1 Button	D13	0x9n	0x3C	dd	0x9n	0x3D	dd	Off = 0, Lit = 127
SAMPLER2 Button	D14	0x9n	0x3E	dd	0x9n	0x3F	dd	Off = 0, Lit = 127
SAMPLER3 Button	D15	0x9n	0x40	dd	0x9n	0x41	dd	Off = 0, Lit = 127
SAMPLER4 Button	D16	0x9n	0x42	dd	0x9n	0x43	dd	Off = 0, Lit = 127

<Appendix >

The number of Note On is shown in decimal scale (0 ~ 127) in the following list.
Please refer to the "Note symbol chart" if necessary.

Note symbol chart

Note	Dec	Hex	Note	Dec	Hex	Note	Dec	Hex	Note	Dec	Hex
C-1	0	0x00	G#1	32	0x20	E4	64	0x40	C7	96	0x60
C#-1	1	0x01	A1	33	0x21	F4	65	0x41	C#7	97	0x61
D-1	2	0x02	A#1	34	0x22	F#4	66	0x42	D7	98	0x62
D#-1	3	0x03	B1	35	0x23	G4	67	0x43	D#7	99	0x63
E-1	4	0x04	C2	36	0x24	G#4	68	0x44	E7	100	0x64
F-1	5	0x05	C#2	37	0x25	A4	69	0x45	F7	101	0x65
F#-1	6	0x06	D2	38	0x26	A#4	70	0x46	F#7	102	0x66
G-1	7	0x07	D#2	39	0x27	B4	71	0x47	G7	103	0x67
G#-1	8	0x08	E2	40	0x28	C5	72	0x48	G#7	104	0x68
A-1	9	0x09	F2	41	0x29	C#5	73	0x49	A7	105	0x69
A#-1	10	0x0A	F#2	42	0x2A	D5	74	0x4A	A#7	106	0x6A
B-1	11	0x0B	G2	43	0x2B	D#5	75	0x4B	B7	107	0x6B
C0	12	0x0C	G#2	44	0x2C	E5	76	0x4C	C8	108	0x6C
C#0	13	0x0D	A2	45	0x2D	F5	77	0x4D	C#8	109	0x6D
D0	14	0x0E	A#2	46	0x2E	F#5	78	0x4E	D8	110	0x6E
D#0	15	0x0F	B2	47	0x2F	G5	79	0x4F	D#8	111	0x6F
E0	16	0x10	C3	48	0x30	G#5	80	0x50	E8	112	0x70
F0	17	0x11	C#3	49	0x31	A5	81	0x51	F8	113	0x71
F#0	18	0x12	D3	50	0x32	A#5	82	0x52	F#8	114	0x72
G0	19	0x13	D#3	51	0x33	B5	83	0x53	G8	115	0x73
G#0	20	0x14	E3	52	0x34	C6	84	0x54	G#8	116	0x74
A0	21	0x15	F3	53	0x35	C#6	85	0x55	A8	117	0x75
A#0	22	0x16	F#3	54	0x36	D6	86	0x56	A#8	118	0x76
B0	23	0x17	G3	55	0x37	D#6	87	0x57	B8	119	0x77
C1	24	0x18	G#3	56	0x38	E6	88	0x58	C9	120	0x78
C#1	25	0x19	A3	57	0x39	F6	89	0x59	C#9	121	0x79
D1	26	0x1A	A#3	58	0x3A	F#6	90	0x5A	D9	122	0x7A
D#1	27	0x1B	B3	59	0x3B	G6	91	0x5B	D#9	123	0x7B
E1	28	0x1C	C4	60	0x3C	G#6	92	0x5C	E9	124	0x7C
F1	29	0x1D	C#4	61	0x3D	A6	93	0x5D	F9	125	0x7D
F#1	30	0x1E	D4	62	0x3E	A#6	94	0x5E	F#9	126	0x7E
G1	31	0x1F	D#4	63	0x3F	B6	95	0x5F	G9	127	0x7F