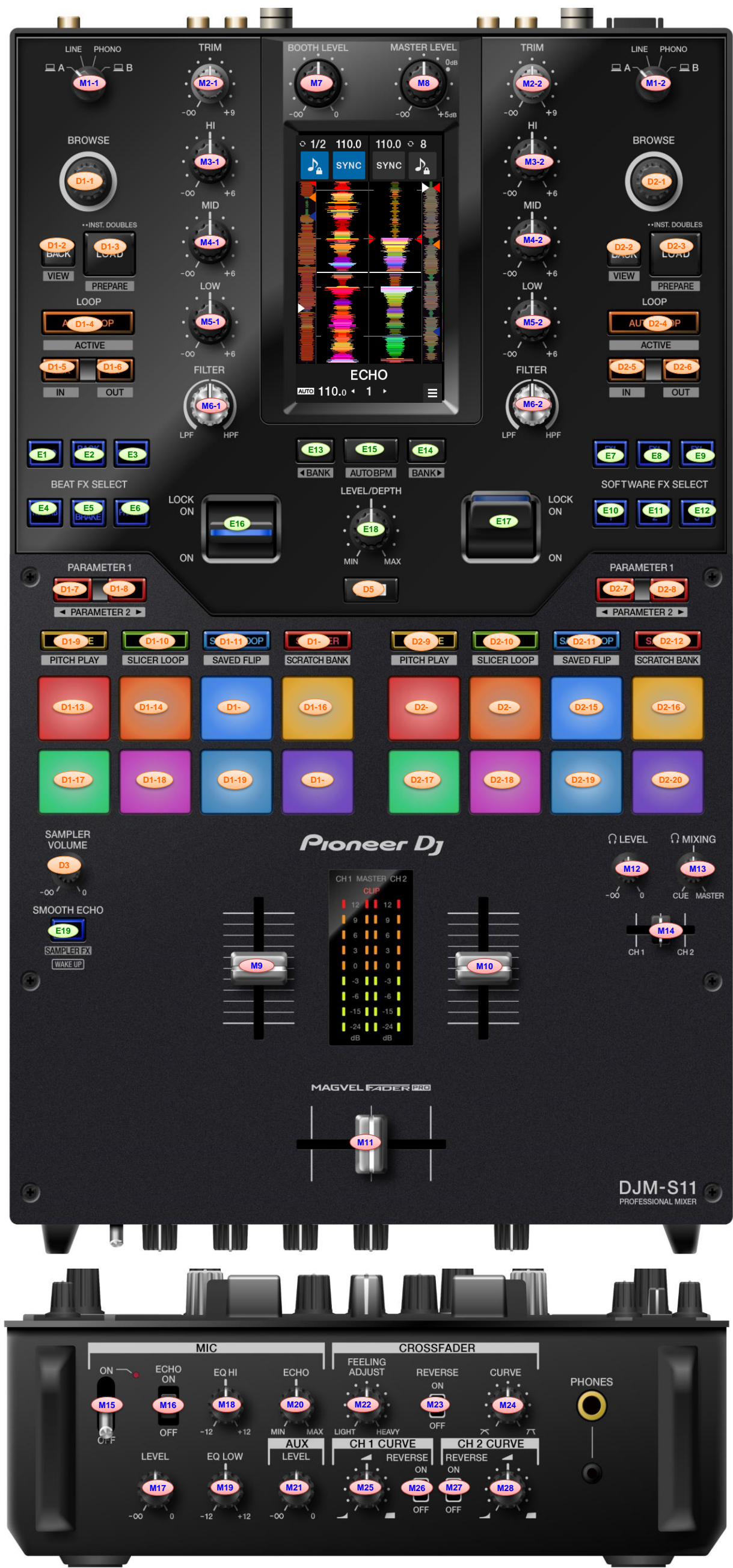


DJM-S11

List of MIDI message



【MIDI channel assignment】

MIDI channel is defined as shown below.
0x9* :Note
0xB* :Control Change (CC)
* : value of channel No.(n/m/p)

Channel Category	MIDI Channel	*(Hex)
DECK1	1	n=0
DECK2	2	n=1
DECK3	3	n=2
DECK4	4	n=3
FX DECK1/DECK3	5	m=4
FX DECK2/DECK4	6	m=5
Browser,Global Section	7	m=6
PERFORMANCE PAD (DECK1)	8	p=7
PERFORMANCE PAD (DECK2)	9	p=8
PERFORMANCE PAD (DECK3)	10	p=9
PERFORMANCE PAD (DECK4)	11	p=A
PAD mode change(DECK1)	12	m=B
PAD mode change(DECK2)	13	m=C
PAD mode change(DECK1)	14	m=D
PAD mode change(DECK2)	15	m=E




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	Part No.	User Interface				MIDI assign reference				MIDI-IN (to computer)			MIDI-OUT (from computer)			Details(Data2)	
		UI name	Trigger	+SHIFT	Condition (mode)	MIDI Channel (Dec)	NOTE / CC	MIDI Data (Data 1)		Status (Hex)	Data 1 (Hex)	Data 2 (Hex)	Status (Hex)	Data 1 (Hex)	Data 2 (Hex)		
								(Dec)	(English scale)								
MIXER	M2-1 M2-2	TRIM	rotate			1/2	CC	4 36	-	Bn	04 24	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	M3-1 M3-2	ISO HIGH	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	
	M4-1 M4-2	ISO 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	
	M5-1 M5-2	ISO 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	
	M6-1 M6-2	FILTER	rotate			1/2	CC	1 33	-	Bn	01 21	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	M7	BOOTH LEVEL	rotate			7	CC	9 41	-	B6	09 29	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	M8	MASTER LEVEL	rotate			7	CC	8 40	-	B6	08 28	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	D5	SHIFT	push			7	NOTE	63	D#4	96	3F	hh					
	M9 M10	CH FADER	slide	+SHIFT	Zero -> not Zero	1/2/3/4	NOTE	102	F#7	9n	66	hh				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) Min at bottom end, Max at top end	
						1/2/3/4	NOTE	81	A5	9n	51	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start with Sync Setting	
						1/2/3/4	NOTE	83	B5	9n	53	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start from Current Cue Point.	
						1/2/3/4	NOTE	83	B5	9n	53	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start from HOT CUE1 Point.	
						not Zero -> Zero	1/2/3/4	NOTE	82	A#5	9n	52	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	M11	CROSSFADER	slide	+SHIFT	Min -> not Min	2	NOTE	102	F#7	91	66	hh				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) CROSSFADER REVERSE OFF : Min at left side, Max at right side CROSSFADER REVERSE ON : Min at right side, Max at left side	
						2	NOTE	81	A5	91	51	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start with Sync Setting	
						2	NOTE	81	A5	91	51	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start from Current Cue Point.	
						2	NOTE	83	B5	91	53	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start from HOT CUE1 Point.	
						not Min -> Min	2	NOTE	82	A#5	91	52	hh				OFF = 0 (0x00), ON = 127 (0x7F)
						Max -> not Max	1	NOTE	102	F#7	90	66	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start with Sync Setting
							1	NOTE	81	A5	90	51	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start from Current Cue Point.
							1	NOTE	83	B5	91	53	hh				OFF = 0 (0x00), ON = 127 (0x7F) Start from HOT CUE1 Point.
						not Max -> Max	1	NOTE	82	A#5	90	52	hh				OFF = 0 (0x00), ON = 127 (0x7F)
	M12	HEADPHONE VOL	rotate			7	CC	13 45	-	B6	0D 2D	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	M13	HEADPHONE MIX	rotate			7	CC	12 44	-	B6	0C 2C	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	M14	HEADPHONE CUEFADER	slide			7	CC	14 46	-	B6	0E 2E	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	M15	MIC ON/ OFF	slide			7	NOTE	18	F#0	96	12	hh				OFF=0x00, ON=0x7F	
	M16	MIC ECHO ON/ OFF	slide			7	NOTE	19	G0	96	13	hh				OFF=0x00, ON=0x7F	
	M17	MIC LEVEL	rotate													Hardware Control	
	M18	MIC EQ HI	rotate			7	CC	4 36	-	B6	04 24	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	

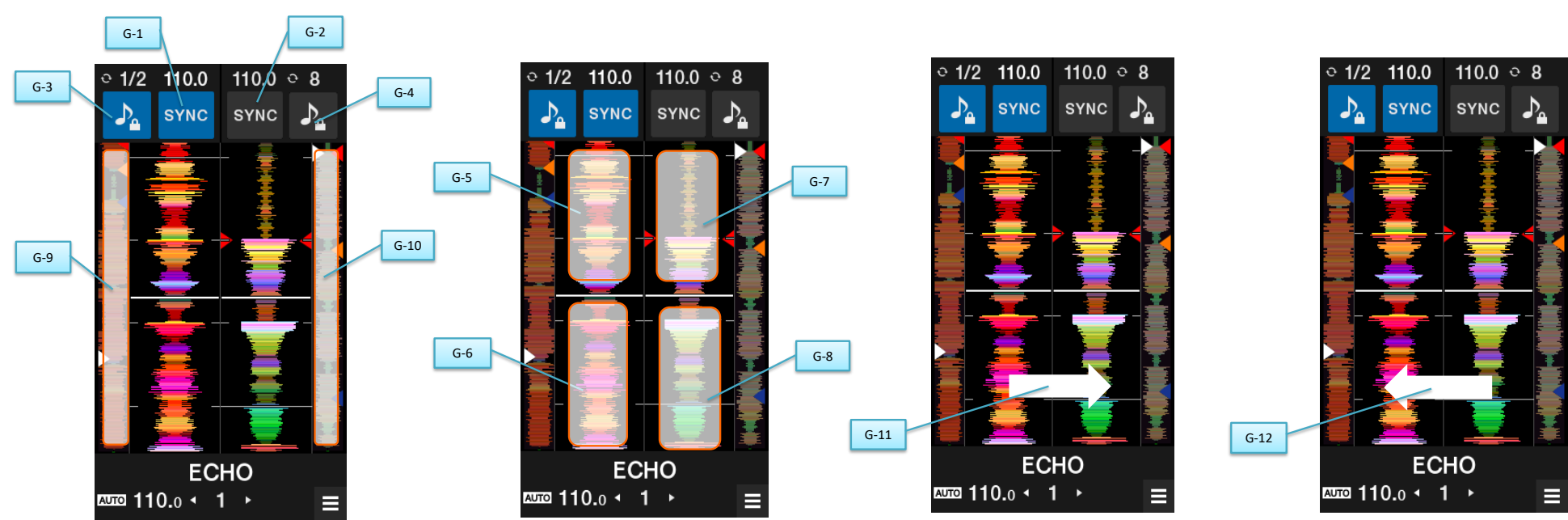
	M19	MIC EQ LOW	rotate		7	CC	5 37	-	B6	05 25	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M20	MIC ECHO	rotate		7	CC	6 38	-	B6	06 26	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M21	AUX LEVEL	rotate		7	CC	11 43	-	B6	0B 2B	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M22	CROSSFADER FEELING ADJUST	rotate												Hardware Control
	M23	CROSS FADER REVERSE	slide		7	NOTE	24	C1	96	18	hh				OFF=0x00, ON=0x7F
	M24	CROSS FADER CURVE	rotate		7	CC	1 33	-	B6	01 21	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M25	CHANNEL 1 FADER CURVE	rotate		7	CC	2 34	-	B6	02 22	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
	M26	CHANNEL1 FADER REVERSE	slide		7	NOTE	25	C#1	96	19	hh				OFF=0x00, ON=0x7F
	M27	CHANNEL 2FADER REVERSE	slide		7	NOTE	32	G#1	96	20	hh				OFF=0x00, ON=0x7F
	M28	CHANNEL 2 FADER CURVE	rotate		7	CC	7 39	-	B6	07 27	MSB LSB				Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max
EFFECT	E1	BFX1	push		7	NOTE	0	G-1	96	00	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	12	C0	96	0C	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E2	BFX2	push		7	NOTE	1	C#-1	96	01	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	13	C#0	96	0D	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E3	BFX3	push		7	NOTE	2	D-1	96	02	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	14	D0	96	0E	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E4	BFX4	push		7	NOTE	3	D#-1	96	03	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	15	D#0	96	0F	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E5	BFX5	push		7	NOTE	4	E-1	96	04	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	16	E0	96	10	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E6	BFX6	push		7	NOTE	5	F-1	96	05	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	17	F0	96	11	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E7	FX1-1	push		5	NOTE	112	E8	94	70	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		5	NOTE	99	D#7	94	63	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E8	FX1-2	push		5	NOTE	113	F8	94	71	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		5	NOTE	100	E7	94	64	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E9	FX1-3	push		5	NOTE	114	F#8	94	72	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		5	NOTE	101	F7	94	65	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E10	FX2-1	push		6	NOTE	112	E8	95	70	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		6	NOTE	99	D#7	95	63	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E11	FX2-2	push		6	NOTE	113	F8	95	71	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		6	NOTE	100	E7	95	64	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E12	FX2-3	push		6	NOTE	114	F#8	95	72	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
			+SHIFT		6	NOTE	101	F7	95	65	hh	← Same as MIDI-IN			OFF=0x00, ON=0x7F
	E13	BEAT LEFT	push		7	NOTE	6	F#-1	96	06	hh				OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	21	F#0	96	15	hh				OFF=0x00, ON=0x7F
	E14	BEAT RIGHT	push		7	NOTE	7	G-1	96	07	hh				OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	23	G0	96	17	hh				OFF=0x00, ON=0x7F
	E15	TAP	push		7	NOTE	10	A#-1	96	0A	hh				OFF=0x00, ON=0x7F
			+SHIFT		7	NOTE	22	A#0	96	16	hh				OFF=0x00, ON=0x7F
E16	CH1 EFFECT LEVER	push			5	NOTE	80	G#5	94	50	hh				OFF=0x00, ON=0x7F
				FX1_1 selected	5	NOTE	71	B4	94	47					OFF=0x00, ON=0x7F
				FX1_2 selected	5	NOTE	72	C5	94	48					OFF=0x00, ON=0x7F
				FX1_3 selected	5	NOTE	73	C#5	94	49					OFF=0x00, ON=0x7F
				FX2_1 selected	6	NOTE	71	B4	95	47					OFF=0x00, ON=0x7F
				FX2_2 selected	6	NOTE	72	C5	95	48					OFF=0x00, ON=0x7F

					<i>FX2_3 selected</i>	6	NOTE	73	<i>C#5</i>	95	49				OFF=0x00, ON=0x7F
				+SHIFT		5	NOTE	102	<i>F#7</i>	94	66	hh			OFF=0x00, ON=0x7F
				E17	CH2 EFFECT LEVER	push		6	NOTE	80	<i>G#5</i>	95	50	hh	
	<i>FX1_1 selected</i>	5	NOTE				71	<i>B4</i>	94	47				OFF=0x00, ON=0x7F	
	<i>FX1_2 selected</i>	5	NOTE				72	<i>C5</i>	94	48				OFF=0x00, ON=0x7F	
	<i>FX1_3 selected</i>	5	NOTE				73	<i>C#5</i>	94	49				OFF=0x00, ON=0x7F	
	<i>FX2_1 selected</i>	6	NOTE				71	<i>B4</i>	95	47				OFF=0x00, ON=0x7F	
	<i>FX2_2 selected</i>	6	NOTE				72	<i>C5</i>	95	48				OFF=0x00, ON=0x7F	
	<i>FX2_3 selected</i>	6	NOTE				73	<i>C#5</i>	95	49				OFF=0x00, ON=0x7F	
	+SHIFT		6	NOTE	102	<i>F#7</i>	95	66	hh			OFF=0x00, ON=0x7F			
	E18	LEVEL/DEPTH	rotate	<i>BEAT FX selected</i>	7	CC	<div>234</div>	-	B6	0A2A	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
				<i>FX1_1 selected</i>	5	CC	<div>436</div>	-	B4	0222	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
				<i>FX1_2 selected</i>	5	CC	<div>436</div>	-	B4	0424	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
				<i>FX1_3 selected</i>	5	CC	<div>638</div>	-	B4	0626	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
				<i>FX2_1 selected</i>	6	CC	<div>234</div>	-	B5	0222	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
				<i>FX2_2 selected</i>	6	CC	<div>436</div>	-	B5	0424	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
				<i>FX2_3 selected</i>	6	CC	<div>638</div>	-	B5	0626	MSB LSB			Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	
	E19	SMOOTH ECHO	push		7	NOTE	33	<i>A1</i>	96	21	hh			OFF=0x00, ON=0x7F	
				+SHIFT		7	NOTE	9	<i>A-1</i>	96	09	hh			ON=0x7F
<i>FX1_1 selected</i>					7	NOTE	71	<i>B4</i>	94	47	hh			ON=0x7F	
					7	NOTE	93	<i>A6</i>	94	5D	hh			ON=0x7F	
<i>FX1_2 selected</i>					7	NOTE	72	<i>C5</i>	94	48	hh			ON=0x7F	
					7	NOTE	94	<i>A#6</i>	94	5E	hh			ON=0x7F	
<i>FX1_3 selected</i>					7	NOTE	73	<i>C#5</i>	94	49	hh			ON=0x7F	
					7	NOTE	95	<i>B6</i>	94	5F	hh			ON=0x7F	
<i>FX2_1 selected</i>					7	NOTE	71	<i>B4</i>	95	47	hh			ON=0x7F	
					7	NOTE	96	<i>C7</i>	95	60	hh			ON=0x7F	
<i>FX2_2 selected</i>					7	NOTE	72	<i>C5</i>	95	48	hh			ON=0x7F	
					7	NOTE	97	<i>C#7</i>	95	61	hh			ON=0x7F	
<i>FX2_3 selected</i>					7	NOTE	73	<i>C#5</i>	95	49	hh			ON=0x7F	
					7	NOTE	98	<i>D7</i>	95	62	hh			ON=0x7F	
DECK	D1-1 D2-1	BROWSE	rotate		7	CC	64	-	Bn	40	hh			Difference count value from when previous operated Turn clockwise: 0x01~0x1E(max) (1~30clicks/40msec) Turn counterclockwise: 0x7F~0x62(max) (1~30clicks/40msec)	
				+SHIFT		7	CC	100	-	Bn	64	hh			
			push		7	NOTE	65	<i>F4</i>	9n	41	hh			OFF=0x00, ON=0x7F	
				+SHIFT		7	NOTE	66	<i>F#4</i>	9n	42	hh			OFF=0x00, ON=0x7F
	D1-2 D2-2	BACK	push		7	NOTE	104	<i>#7</i>	9n	68	hh			OFF=0x00, ON=0x7F	
				+SHIFT		7	NOTE	103	<i>G7</i>	96	67	hh			OFF=0x00, ON=0x7F
	D1-3	LOAD	push		1	NOTE	70	<i>A#4</i>	90	46	hh			OFF=0x00, ON=0x7F	
				+SHIFT		1	NOTE	103	<i>G7</i>	90	67	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F
	D2-3	LOAD	push		2	NOTE	70	<i>A#4</i>	91	46	hh			OFF=0x00, ON=0x7F	
				+SHIFT		2	NOTE	71	<i>B4</i>	91	47	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F
	D1-4 D2-4	4BEAT LOOP	push		1/2/3/4	NOTE	68	<i>G#4</i>	9n	44	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F LOOP OPTION=ON	
					1/2/3/4	NOTE	20	<i>G#0</i>	9n	14	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F LOOP OPTION=OFF	
				+SHIFT		1/2/3/4	NOTE	80	<i>G#5</i>	9n	50	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F
	D1-5 D2-5	LOOP HALF	push		1/2/3/4	NOTE	18	<i>F#0</i>	9n	12	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F	
				+SHIFT		1/2/3/4	NOTE	16	<i>E0</i>	9n	10	hh	← Same as MIDI-IN		OFF=0x00, ON=0x7F

	D1-6 D2-6	LOOP DOUBLE	push			1/2/3/4	NOTE	19	G0	9n	13	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2/3/4	NOTE	17	F0	9n	11	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-7 D2-7	PARAM1 (LEFT)	push			1/2/3/4	NOTE	36	C2	9n	24	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2/3/4	NOTE	1	C#-1	9n	01	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-8 D2-8	PARAM1 (RIGHT)	push			1/2/3/4	NOTE	44	G#2	9n	2C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2/3/4	NOTE	9	A-1	9n	09	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-9 D2-9	HOT CUE	push			1/2	NOTE	27	D#1	9n	1B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	105	A7	9n	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				pressing the button twice	14	NOTE	64	E4	9m	40	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	OFF=0x00, ON=0x7F
			+SHIFT	pressing the button twice	12	NOTE	64	E4	9m	40	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	D1-10 D2-10	ROLL	push			1/2	NOTE	30	F#1	9n	1E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	107	B7	9n	6B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				pressing the button twice	14	NOTE	65	F4	9m	41	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	OFF=0x00, ON=0x7F
			+SHIFT	pressing the button twice	12	NOTE	65	F4	9m	41	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	D1-11 D2-11	SLICER	push			1/2	NOTE	32	G#1	9n	20	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	109	C#8	9n	6D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				pressing the button twice	14	NOTE	66	F#4	9m	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	OFF=0x00, ON=0x7F
			+SHIFT	pressing the button twice	12	NOTE	66	F#4	9m	42	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	D1-12 D2-12	SAMPLER	push			1/2	NOTE	34	A#1	9n	22	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			1/2	NOTE	111	D#8	9n	6F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
				pressing the button twice	14	NOTE	67	G4	9m	43	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	OFF=0x00, ON=0x7F
			+SHIFT	pressing the button twice	12	NOTE	67	G4	9m	43	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F	
	D1-13 D2-13	PAD1	push			8/9	NOTE	0	C-1	9p	00	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	8	G#-1	9p	08	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-14 D2-14	PAD2	push			8/9	NOTE	1	G#-1	9p	01	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	9	A-1	9p	09	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-15 D2-15	PAD3	push			8/9	NOTE	2	D-1	9p	02	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	10	A#-1	9p	0A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-16 D2-16	PAD4	push			8/9	NOTE	3	D#-1	9p	03	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	11	B-1	9p	0B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-17 D2-17	PAD5	push			8/9	NOTE	4	E-1	9p	04	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	12	C0	9p	0C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-18 D2-18	PAD6	push			8/9	NOTE	5	F-1	9p	05	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	13	C#0	9p	0D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-19 D2-19	PAD7	push			8/9	NOTE	6	F#-1	9p	06	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	14	D0	9p	0E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	D1-20 D2-20	PAD 8	push			8/9	NOTE	7	G-1	9p	07	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			+SHIFT			8/9	NOTE	15	D#0	9p	0F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
D3	SAMPLER VOLUME	rotate			7	CC	3 35	-	B6	03 23	MSB LSB	  	Min(MSB:0x00 LSB:0x00)~Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max	

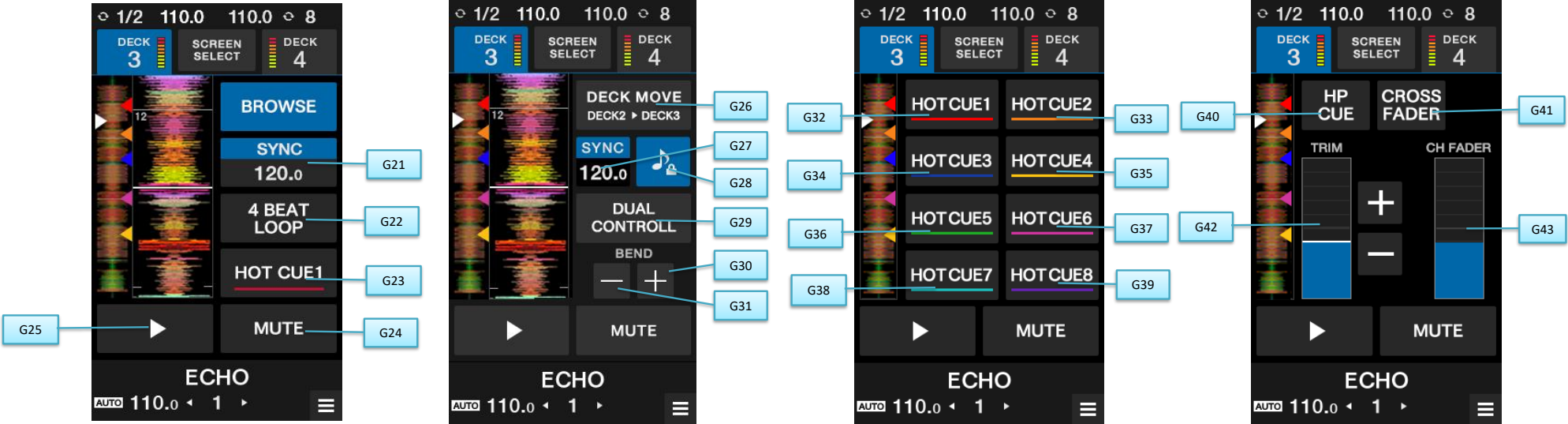
【TOUCH SCREEN】

(WAVEFORM SCREEN)



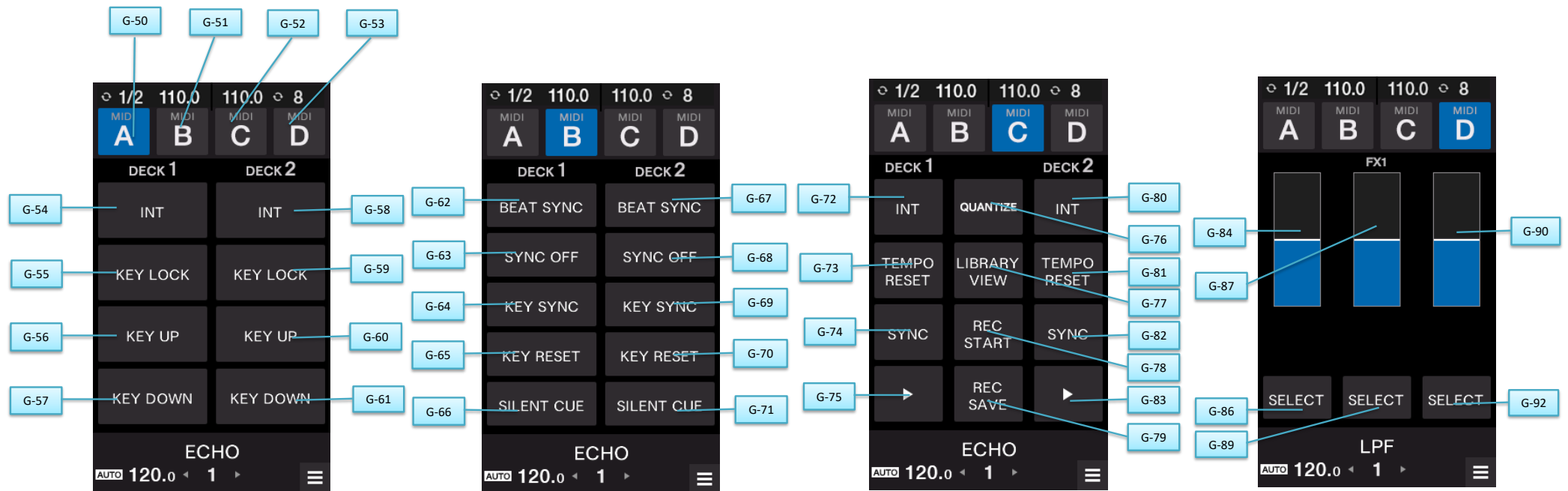
W A V E F O R M S C R E E N	G-1	SYNC(DECK1)	touch		-	1	NOTE	88	E6	90	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			touch	+SHIFT	-	1	NOTE	10	A#-1	90	0A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-2	SYNC(DECK2)	touch		-	2	NOTE	88	E6	91	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			touch	+SHIFT	-	2	NOTE	10	A#-1	91	0A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-3	KEY LOCK(DECK1)	touch		-	1	NOTE	26	D1	90	1A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-4	KEY LOCK(DECK2)	touch		-	2	NOTE	26	D1	91	1A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-5	BEND+(DECK1)	touch		-	1	NOTE	33	A1	90	21	hh	-	OFF=0x00, ON=0x7F
	G-6	BEND~(DECK1)	touch		-	1	NOTE	35	B1	90	23	hh	-	OFF=0x00, ON=0x7F
	G-7	BEND+(DECK2)	touch		-	2	NOTE	33	A1	91	21	hh	-	OFF=0x00, ON=0x7F
	G-8	BEND~(DECK2)	touch		-	2	NOTE	35	B1	91	23	hh	-	OFF=0x00, ON=0x7F
	G-9	NEEDLE SEARCH (DECK1)	touch		-	2	CC	67	G4	B0	43	hh	-	needle position(0-127)
	G-10	NEEDLE SEARCH (DECK2)	touch		-	2	CC	67	G4	B1	43	hh	-	needle position(0-127)
	G-11	DECK MOVE	swipe		Same as G26	-	-	-		-	-	-	-	OFF=0x00, ON=0x7F
	G-12	DECK MOVE	swipe		Same as G26	-	-	-		-	-	-	-	OFF=0x00, ON=0x7F

(DECK3/4 SCREEN)



D E C K 3 / 4 S C R E E N	G-21	SYNC	touch		-	3/4	NOTE	88	E6	92/93	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			touch	+SHIFT	-	3/4	NOTE	10	A#-1	92/93	0A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-22	4 BEAT LOOP	touch		-	3/4	NOTE	69	A4	92/93	45	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-23	HOT CUE 1	touch		-	10/11	NOTE	0	C-1	99/9A	00	hh	-	OFF=0x00, ON=0x7F
	G-24	MUTE	touch		-	3/4	NOTE	101	F7	92/93	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-26	DECK MOVE DECK2 > DECK3	touch		-	3	NOTE	89	F6	92	59	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
		DECK MOVE DECK1 > DECK4	touch		-	4	NOTE	89	F6	93	59	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-27	SYNC	touch		Same as G21	-	-	-	-	-	-	-	← Same as MIDI-IN	OFF=0x00, ON=0x7F
			touch	+SHIFT	Same as G21	-	-	-	-	-	-	-	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-28	KEY LOCK	touch		-	3/4	NOTE	26	D1	92/93	1A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-29	DUAL CONTROL	touch		-	3/4	NOTE	98	D7	92/93	62	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-30	BEND+	touch		-	3/4	NOTE	33	A1	92/93	21	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-31	BEND-	touch		-	3/4	NOTE	35	B1	92/93	23	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-32	HOT CUE 1	touch		Same as G23	-	-	-	-	-	-	-	-	OFF=0x00, ON=0x7F
	G-33	HOT CUE 2	touch		-	10/11	NOTE	1	C#-1	99/9A	01	hh	-	OFF=0x00, ON=0x7F
	G-34	HOT CUE 3	touch		-	10/11	NOTE	2	D-1	99/9A	02	hh	-	OFF=0x00, ON=0x7F
	G-35	HOT CUE 4	touch		-	10/11	NOTE	3	D#-1	99/9A	03	hh	-	OFF=0x00, ON=0x7F
	G-36	HOT CUE 5	touch		-	10/11	NOTE	4	E-1	99/9A	04	hh	-	OFF=0x00, ON=0x7F
	G-37	HOT CUE 6	touch		-	10/11	NOTE	5	F-1	99/9A	05	hh	-	OFF=0x00, ON=0x7F
	G-38	HOT CUE 7	touch		-	10/11	NOTE	6	F#-1	99/9A	06	hh	-	OFF=0x00, ON=0x7F
	G-39	HOT CUE 8	touch		-	10/11	NOTE	7	G-1	99/9A	07	hh	-	OFF=0x00, ON=0x7F
	G-40	CROSSFADER	touch		-	3/4	NOTE	22	A#0	92/93	16	hh	-	OFF=0x00, ON=0x7F
	G-41	HEADPHONE CUE	touch		-	3/4	NOTE	84	C6	92/93	54	hh	-	OFF=0x00, ON=0x7F
	G-42	TRIM	touch		-	3/4	CC	4	E-1	B2/B3	04	hh	-	lower: 0(0x00) upper: 127(0x7F)
	G-43	CH FADER	touch		-	3/4	NOTE	66	F#4	B2/B3	42	hh	-	lower: 0(0x00) upper: 127(0x7F)

(TOUCH MIDI SCREEN)



TOUCH MIDI SCREEN	G-50	A(typeA)	touch		-	7	NOTE	74	D5	96	4A	hh	-	OFF=0x00, ON=0x7F
	G-51	B(typeB)	touch		-	7	NOTE	75	D#5	96	4B	hh	-	OFF=0x00, ON=0x7F
	G-52	C(typeC)	touch		-	7	NOTE	76	E5	96	4C	hh	-	OFF=0x00, ON=0x7F
	G-53	D(typeD)	touch		-	7	NOTE	77	F5	96	4D	hh	-	OFF=0x00, ON=0x7F
	G-54	INT	touch		-	7	NOTE	78	F#5	96	4E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-55	KEY LOCK	touch		-	7	NOTE	79	G5	96	4F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-56	KEY UP	touch		-	7	NOTE	80	G#5	96	50	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-57	KEY DOWN	touch		-	7	NOTE	81	A5	96	51	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-58	INT	touch		-	7	NOTE	82	A#5	96	52	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-59	KEY LOCK	touch		-	7	NOTE	83	B5	96	53	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-60	KEY UP	touch		-	7	NOTE	84	C6	96	54	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-61	KEY DOWN	touch		-	7	NOTE	85	C#6	96	55	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-62	BEAT SYNC	touch		-	7	NOTE	86	D6	96	56	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-63	SYNC OFF	touch		-	7	NOTE	87	D#6	96	57	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-64	KEY SYNC	touch		-	7	NOTE	88	E6	96	58	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-65	KEY RESET	touch		-	7	NOTE	89	F6	96	59	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-66	SILENT CUE	touch		-	7	NOTE	90	G#5	96	5A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-67	BEAT SYNC	touch		-	7	NOTE	91	G6	96	5B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-68	SYNC OFF	touch		-	7	NOTE	92	G#6	96	5C	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-69	KEY SYNC	touch		-	7	NOTE	93	A6	96	5D	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-70	KEY RESET	touch		-	7	NOTE	94	A#6	96	5E	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-71	SILENT CUE	touch		-	7	NOTE	95	B6	96	5F	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-72	INT	touch		-	7	NOTE	96	C7	96	60	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-73	TEMPO RESET	touch		-	7	NOTE	97	C#7	96	61	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-74	SYNC	touch		-	7	NOTE	98	D7	96	62	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-75	PLAY	touch		-	7	NOTE	99	D#7	96	63	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-76	QUANTIZE	touch		-	7	NOTE	100	E7	96	64	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-77	LIBRARY VIEW	touch		-	7	NOTE	101	F7	96	65	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-78	REC START	touch		-	7	NOTE	102	F#7	96	66	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-79	REC SAVE	touch		-	7	NOTE	103	G7	96	67	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-80	INT	touch		-	7	NOTE	104	G#7	96	68	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
	G-81	TEMPO RESET	touch		-	7	NOTE	105	A7	96	69	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F

G-82	SYNC	touch		-	7	NOTE	106	A#7	96	6A	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
G-83	PLAY	touch		-	7	NOTE	107	B7	96	6B	hh	← Same as MIDI-IN	OFF=0x00, ON=0x7F
G-84	FX1-1 Slider	touch		-	7	CC	80	G#5	B6	50	hh	-	lower: 0(0x00) upper: 127(0x7F)
G-86	FX1-1 SELECT	touch		-	7	NOTE	109	C#8	96	6D	hh	-	OFF=0x00, ON=0x7F
G-87	FX1-2 Slider	touch		-	7	CC	81	A5	B6	51	hh	-	lower: 0(0x00) upper: 127(0x7F)
G-89	FX1-2 SELECT	touch		-	7	NOTE	111	D#8	96	6F	hh	-	OFF=0x00, ON=0x7F
G-90	FX1-3 Slider	touch		-	7	CC	82	A#5	B6	52	hh	-	lower: 0(0x00) upper: 127(0x7F)
G-92	FX1-3 SELECT	touch		-	7	NOTE	113	F8	96	71	hh	-	OFF=0x00, ON=0x7F