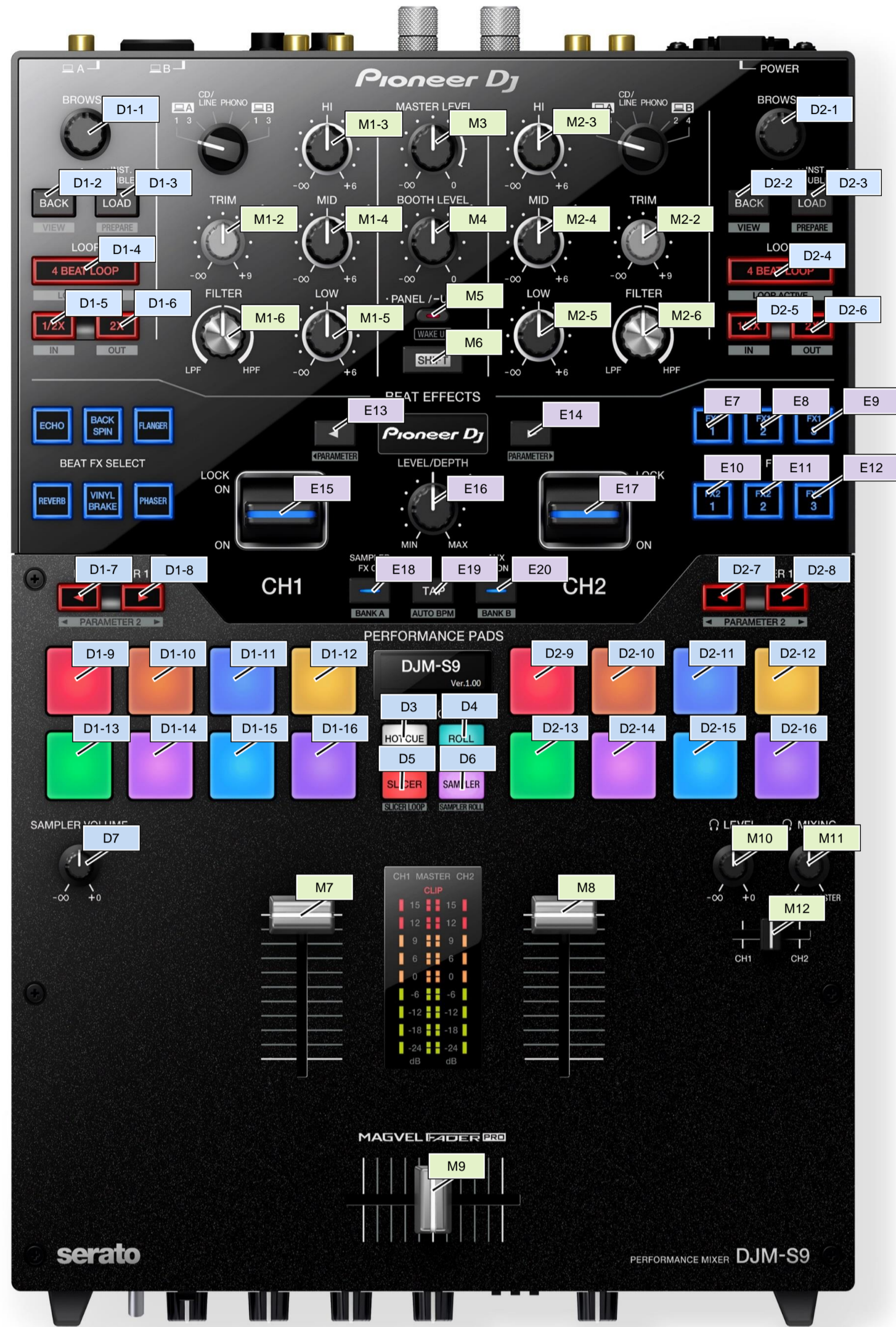


DJM-S9

List of MIDI messages version 1.00



[MIDI channel assignment]

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

| 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 |

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 half-tone

| 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 | M1-2 M2-2 | TRIM | rotate | | | 1/2/3/4 | 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 |
| | M1-3 M2-3 | ISO HIGH | rotate | | | 1/2/3/4 | 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 |
| | M1-4 M2-4 | ISO MID | rotate | | | 1/2/3/4 | 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 |

| | | | | | | | | | | | | | | | |
|--------------|----------------------------|----------------|--------|------------------|---------|----------|-----|-----|----------|------------|----|---------------------------------|---------------------------------|---|---------------------------------|
| M1-5 M2-5 | ISO LOW | rotate | | 1/2/3/4 | 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 | |
| M1-6 M2-6 | FILTER | rotate | | 1/2/3/4 | 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 | |
| M3 | 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 | |
| M4 | 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 | |
| M5 | PANEL SELECT | press | | 7 | NOTE | 120 | C9 | 96 | 78 | hh | | | | OFF=0x00, ON=0x7F | |
| | | | +SHIFT | 7 | NOTE | 121 | C#9 | 96 | 79 | hh | | | | OFF=0x00, ON=0x7F | |
| M6 | SHIFT | press | | 7 | NOTE | 63 | D#4 | 96 | 3F | hh | | | | | |
| M7 M8 | CH FADER | slide | | 1/2/3/4 | CC | 19 51 | - | Bn | 13 33 | MSB LSB | | | | Min 0 (MSB:0x00, LSB:0x00) - Max 16383 (MSB:0x7F, LSB:0x7F) bottom end: 0, top end: 16383 | |
| | | | +SHIFT | Zero -> not Zero | 1/2/3/4 | NOTE | 102 | F#7 | 9n | 66 | hh | | | | OFF = 0 (0x00), ON = 127 (0x7F) |
| | | | | not Zero -> Zero | 1/2/3/4 | NOTE | 81 | A5 | 9n | 51 | hh | | | | OFF = 0 (0x00), ON = 127 (0x7F) |
| M9 | 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 | |
| | | | +SHIFT | Min -> not Min | 2 | NOTE | 102 | F#7 | 91 | 66 | hh | | | | OFF = 0 (0x00), ON = 127 (0x7F) |
| | | | | | 2 | NOTE | 81 | A5 | 91 | 51 | hh | | | | OFF = 0 (0x00), ON = 127 (0x7F) |
| | | | | 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) |
| | | 1 | NOTE | 81 | A5 | 90 | 51 | hh | | | | OFF = 0 (0x00), ON = 127 (0x7F) | | | |
| | | not Max -> Max | 1 | NOTE | 82 | A#5 | 90 | 52 | hh | | | | OFF = 0 (0x00), ON = 127 (0x7F) | | |
| M10 | 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 | |
| M11 | 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 | |
| M12 | HEADPHONE CUEFADER | slide | | 7 | CC | 14 46 | - | B6 | 0E 2E | MSB LSB | | | | Min(MSB:0x00 LSB:0x00)-Max(MSB:0x7F LSB:0x7F) Max at left side, Min at right side | |
| M13 | MIC ON/ OFF | slide | | 7 | NOTE | 106 | A#7 | 96 | 6A | hh | | | | OFF=0x00, ON=0x7F | |
| M14 | MIC TALKOVER ON/ OFF | slide | | 7 | NOTE | 104 | G#7 | 96 | 68 | hh | | | | OFF=0x00, ON=0x7F | |
| M15 | 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 | |
| M16 | 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 | |
| M18 | 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 | |
| M21 | CROSS FADER REVERSE | slide | | 7 | NOTE | 24 | C1 | 96 | 18 | hh | | | | OFF=0x00, ON=0x7F | |
| M22 | 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 | |
| M23 | 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 | |
| M24 | CHANNEL 1 FADER REVERSE | slide | | 7 | NOTE | 25 | C#1 | 96 | 19 | hh | | | | OFF=0x00, ON=0x7F | |
| M25 | CHANNEL 2 FADER REVERSE | slide | | 7 | NOTE | 32 | G#1 | 96 | 20 | hh | | | | OFF=0x00, ON=0x7F | |
| M26 | 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 | E7 | FX1-1 | press | | 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 | press | | 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 | press | | 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 | press | | 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 | press | | 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 | press | | 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 | press | | 4/5 | NOTE | 6 | F#-1 | 9m | 06 | hh | | OFF=0x00, ON=0x7F | |
| | | | +SHIFT | 4/5 | NOTE | 18 | F#0 | 9m | 12 | hh | | OFF=0x00, ON=0x7F | |
| E14 | BEAT RIGHT | press | | 4/5 | NOTE | 7 | G-1 | 9m | 07 | hh | | OFF=0x00, ON=0x7F | |
| | | | +SHIFT | 4/5 | NOTE | 19 | G0 | 9m | 13 | hh | | OFF=0x00, ON=0x7F | |
| E15 | CH1 EFFECT LEVER | press | | 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 | 5 | NOTE | 71 | B4 | 94 | 47 | | | OFF=0x00, ON=0x7F | |
| | | | FX2_2 selected | 5 | NOTE | 72 | C5 | 94 | 48 | | | OFF=0x00, ON=0x7F | |
| | | +SHIFT | 5 | NOTE | 102 | F#7 | 94 | 66 | hh | | OFF=0x00, ON=0x7F | | |
| E16 | LEVEL/DEPTH | rotate | FX1_1,FX2_1 | 5/6 | CC | 2 34 | - | Bm | 02 22 | MSB LSB | | Min(MSB:0x00 LSB:0x00)-Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max | |
| | | | FX1_2,FX2_2 | 5/6 | CC | 4 36 | - | Bm | 04 24 | MSB LSB | | Min(MSB:0x00 LSB:0x00)-Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max | |
| | | | FX1_3,FX2_3 | 5/6 | CC | 6 38 | - | Bm | 06 26 | MSB LSB | | Min(MSB:0x00 LSB:0x00)-Max(MSB:0x7F LSB:0x7F) When turned fully counterclockwise: Min When turned fully clockwise: Max | |
| E17 | CH2 EFFECT LEVER | press | | 6 | NOTE | 80 | G#5 | 95 | 50 | hh | | OFF=0x00, ON=0x7F | |
| | | | FX1_1 selected | 6 | NOTE | 71 | B4 | 95 | 47 | | | OFF=0x00, ON=0x7F | |
| | | | FX1_2 selected | 6 | NOTE | 72 | C5 | 95 | 48 | | | OFF=0x00, ON=0x7F | |
| | | | FX1_3 selected | 6 | NOTE | 73 | C#5 | 95 | 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 | |
| | | +SHIFT | 6 | NOTE | 102 | F#7 | 95 | 66 | hh | | OFF=0x00, ON=0x7F | | |
| E18 | SAMPLER FX ON | press | | 7 | NOTE | 9 | A-1 | 96 | 09 | hh | | FX OFF=0x00, FX ON=0x7F | |
| | | | +SHIFT | 7 | NOTE | 21 | A0 | 96 | 15 | hh | | OFF=0x00, ON=0x7F | |
| E19 | TAP | press | | 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 | |
| E20 | AUX FX ON | press | | 7 | NOTE | 11 | B-1 | 96 | 0B | hh | | FX OFF=0x00, FX ON=0x7F | |
| | | | +SHIFT | 7 | NOTE | 23 | B0 | 96 | 17 | hh | | OFF=0x00, ON=0x7F | |
| DECK | D1-1 D2-1 | rotate | | 7 | CC | 64 | - | B6 | 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 | - | B6 | 64 | hh | | Difference count value from when previous operated Turn clockwise: 0x01-0x1E(max) (1-30clicks/40msec) Turn counterclockwise: 0x7F-0x62(max) (1-30clicks/40msec) | |
| | D1-3 | LOAD | press | | 7 | NOTE | 70 | A#4 | 96 | 46 | hh | | OFF=0x00, ON=0x7F |
| | | | | +SHIFT | 7 | NOTE | 103 | G7 | 96 | 67 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | D2-3 | LOAD | press | | 7 | NOTE | 71 | B4 | 96 | 47 | hh | | OFF=0x00, ON=0x7F |
| | | | | +SHIFT | 7 | NOTE | 103 | G7 | 96 | 67 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | D1-2 D2-2 | BACK | press | | 7 | NOTE | 101 | F7 | 96 | 65 | hh | | OFF=0x00, ON=0x7F |
| | | | | +SHIFT | 7 | NOTE | 102 | F#7 | 96 | 66 | hh | | OFF=0x00, ON=0x7F |
| | D1-4 D2-4 | 4BEAT LOOP | press | | 1/2/3/4 | NOTE | 69 | A4 | 9n | 45 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | | PC SETTING UTILITY PREFERENCE | 1/2/3/4 | NOTE | 20 | G#0 | 9n | 14 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| +SHIFT | | | | 1/2/3/4 | NOTE | 80 | G#5 | 9n | 50 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F | |

| | | | | | | | | | | | | |
|----------------|----------------|--------|--------|--|---------|---------|------|-----|----------|------------|---|-------------------|
| D1-5 D2-5 | LOOP HALF | press | | 1/2/3/4 | NOTE | 18 | F#0 | 9n | 12 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 1/2/3/4 | NOTE | 16 | E0 | 9n | 10 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-6 D2-6 | LOOP DOUBLE | press | | 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) | press | | 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) | press | | 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 | PAD1 | press | | 8/8/10/11 | NOTE | 0 | C-1 | 9p | 00 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 8 | G#-1 | 9p | 08 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-10 D2-10 | PAD2 | press | | 8/8/10/11 | NOTE | 1 | G#-1 | 9p | 01 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 9 | A-1 | 9p | 09 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-11 D2-11 | PAD3 | press | | 8/8/10/11 | NOTE | 2 | D-1 | 9p | 02 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 10 | A#-1 | 9p | 0A | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-12 D2-12 | PAD4 | press | | 8/8/10/11 | NOTE | 3 | D#-1 | 9p | 03 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 11 | B-1 | 9p | 0B | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-13 D2-13 | PAD5 | press | | 8/8/10/11 | NOTE | 4 | E-1 | 9p | 04 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 12 | C0 | 9p | 0C | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-14 D2-14 | PAD6 | press | | 8/8/10/11 | NOTE | 5 | F-1 | 9p | 05 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 13 | C#0 | 9p | 0D | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-15 D2-15 | PAD7 | press | | 8/8/10/11 | NOTE | 6 | F#-1 | 9p | 06 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 14 | D0 | 9p | 0E | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D1-16 D2-16 | PAD 8 | press | | 8/8/10/11 | NOTE | 7 | G-1 | 9p | 07 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 8/8/10/11 | NOTE | 15 | D#0 | 9p | 0F | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| D3 | HOT CUE | press | | 1/2/3/4 | NOTE | 27 | D#1 | 9n | 1B | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 1/2/3/4 | NOTE | 105 | A7 | 9n | 69 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | SHIFT+double click or triple click | 1/2/3/4 | NOTE | 64 | E4 | 9q | 40 | hh | ← Same as MIDI-IN |
| D4 | ROLL | press | | 1/2/3/4 | NOTE | 30 | F#1 | 9n | 1E | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 1/2/3/4 | NOTE | 107 | B7 | 9n | 6B | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | SHIFT+double click or triple click | 1/2/3/4 | NOTE | 65 | F4 | 9q | 41 | hh | ← Same as MIDI-IN |
| D5 | SLICER | press | | 1/2/3/4 | NOTE | 32 | G#1 | 9n | 20 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 1/2/3/4 | NOTE | 109 | C#8 | 9n | 6D | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | SHIFT+double click or triple click | 1/2/3/4 | NOTE | 66 | F#4 | 9q | 42 | hh | ← Same as MIDI-IN |
| D6 | SAMPLER | press | | 1/2/3/4 | NOTE | 34 | A#1 | 9n | 22 | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | 1/2/3/4 | NOTE | 111 | D#8 | 9n | 6F | hh | ← Same as MIDI-IN | OFF=0x00, ON=0x7F |
| | | | +SHIFT | SHIFT+double click or triple click | 1/2/3/4 | NOTE | 67 | G4 | 9q | 43 | hh | ← Same as MIDI-IN |
| D7 | 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 | |