

# OMNIS-DUO

## MIDI Message List



# [MIDI channel assign]

MIDI channel is defined as follows.

0x9\*: Note

0x8\*: Control Change (CC)

| Channel Category |       | MIDI Channel | Channel No. (Hex) |
|------------------|-------|--------------|-------------------|
| Browse           |       | 1            | n=0               |
| DECK1            |       | 1            | n=0               |
| DECK2            |       | 2            | n=1               |
| DECK3            |       | 3            | n=2               |
| DECK4            |       | 4            | n=3               |
| EFFECT & MIXER   |       | 5            | n=4               |
|                  | DECK1 | 6            | n=5               |
|                  | DECK2 | 7            | n=6               |
|                  | DECK3 | 8            | n=7               |
|                  | DECK4 | 9            | n=8               |
| OTHERS           |       | 12           | n=B               |

The MIDI messages output from the buttons and knobs of this unit are shown in decimal notation as MIDI assign reference information.

NOTE is a MIDI term used for pressing and releasing keys on a piano or keyboard.

CC is an abbreviation for control change.

Control change is a type of MIDI signal used to convey various control information such as sound quality and volume.

| Group     | Fig.                                                    | User Interface (UI) |                         |                  |        | MIDI assign reference info. |           | MIDI-IN (to computer) |       |       |                    | MIDI-OUT (from computer) |                    |                                                                     | Details (Data2)                                                                                                                           |                                                                        |
|-----------|---------------------------------------------------------|---------------------|-------------------------|------------------|--------|-----------------------------|-----------|-----------------------|-------|-------|--------------------|--------------------------|--------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|           |                                                         | UI name             | Trigger                 | Condition (mode) | +SHIFT | MIDI Channel (Dec)          | NOTE / CC | Status (Hex)          | Data1 |       | Data 2 (Hex)       | Status (Hex)             | Data 1 (Hex)       | Data 2 (Hex)                                                        |                                                                                                                                           |                                                                        |
|           |                                                         |                     |                         |                  |        |                             |           |                       | (Dec) | (Hex) |                    |                          |                    |                                                                     |                                                                                                                                           |                                                                        |
| 1, DECK   | * Functions are the same for both left and right decks. |                     |                         |                  |        |                             |           |                       |       |       |                    |                          |                    |                                                                     |                                                                                                                                           |                                                                        |
|           | 1[L,R]                                                  | BEAT JUMP REV       | press                   |                  | +SHIFT | 1/2/3/4                     | NOTE      | 9n                    | 45    | 2D    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 74    | 4A    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 2[L,R]                                                  | BEAT JUMP FWD       | press                   |                  | +SHIFT | 1/2/3/4                     | NOTE      | 9n                    | 44    | 2C    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 73    | 49    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 3[L,R]                                                  | BEAT LOOP           | turn                    |                  |        | 1/2/3/4                     | CC        | Bn                    | 46    | 2E    | hh                 |                          |                    |                                                                     | 98(0x62)~127(0x7F), 1(0x01)~30(0x1E)<br>Transfer difference count value from last operation (+1~+30; ±30 (if exceeds ±30))                |                                                                        |
|           |                                                         |                     | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 67    | 43    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 1/2/3/4                     | NOTE      | 9n                    | 68    | 44    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 4[L,R]                                                  | Jog wheel (top)     | turn                    |                  |        | 1/2/3/4                     | CC        | Bn                    | 34    | 22    | hh                 |                          |                    |                                                                     | Difference count value from last operation<br>Turn clockwise: Increases from 65 (0x41)<br>Turn counterclockwise: Decreases from 63 (0x3F) |                                                                        |
|           |                                                         |                     | touch                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 32    | 20    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         | Jog wheel (Side)    | turn                    |                  |        | 1/2/3/4                     | CC        | Bn                    | 33    | 21    | hh                 |                          |                    |                                                                     | Difference count value from last operation<br>Turn clockwise: Increases from 65 (0x41)<br>Turn counterclockwise: Decreases from 63 (0x3F) |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 1/2/3/4                     | CC        | Bn                    | 38    | 26    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 5[L,R]                                                  | SHIFT               | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 63    | 3F    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 6[L,R]                                                  | CUE                 | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 1     | 01    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 7[L,R]                                                  | PLAY/PAUSE          | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 5     | 05    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 8[L,R]                                                  | HOT CUE A           | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 0     | 00    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 8     | 08    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 9[L,R]                                                  | HOT CUE B           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 1     | 01    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 9     | 09    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 10[L,R]                                                 | HOT CUE C           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 2     | 02    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 10    | 0A    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 11[L,R]                                                 | HOT CUE D           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 3     | 03    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 11    | 0B    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 12[L,R]                                                 | HOT CUE E           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 4     | 04    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 12    | 0C    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 13[L,R]                                                 | HOT CUE F           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 5     | 05    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 13    | 0D    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 14[L,R]                                                 | HOT CUE G           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 6     | 06    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 14    | 0E    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 15[L,R]                                                 | HOT CUE H           | press                   |                  |        | 6/7/8/9                     | NOTE      | 9n                    | 7     | 07    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  | +SHIFT | 6/7/8/9                     | NOTE      | 9n                    | 15    | 0F    | hh                 | <- same as MIDI IN       |                    |                                                                     | [MIDI OUT] 0(x00) : OFF; 1(0x01)~127(0x7F) : ON                                                                                           |                                                                        |
|           | 16[L,R]                                                 | TEMPO               | slide                   |                  |        | 1/2/3/4                     | CC        | Bn                    | 0     | 00    | MSB                |                          |                    |                                                                     | 0~16383*-- side : 0 "+" side : 16383                                                                                                      |                                                                        |
|           |                                                         |                     |                         |                  |        |                             | CC        | Bn                    | 32    | 20    | LSB                |                          |                    |                                                                     |                                                                                                                                           |                                                                        |
|           | 17                                                      | LOAD                | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 81    | 51    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 18[L,R]                                                 | JOG MODE            | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 18    | 12    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 19[L,R]                                                 | AUTO CUE            | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 15    | 0F    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 20[L,R]                                                 | QUANTIZE            | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 9     | 09    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 21[L,R]                                                 | SLIP                | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 43    | 2B    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 22[L,R]                                                 | MASTER TEMPO        | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 17    | 11    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 23[L,R]                                                 | SYNC                | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 31    | 1F    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 24[L,R]                                                 | TEMPO RANGE ±6%     | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 20    | 14    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         | TEMPO RANGE ±10%    | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 21    | 15    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         | TEMPO RANGE ±16%    | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 22    | 16    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         | TEMPO RANGE WIDE    | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 23    | 17    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 25[L,R]                                                 | CUE/LOOP CALL NEXT  | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 11    | 0B    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         | CUE/LOOP CALL PREV  | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 12    | 0C    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         | MEMORY/DELETE       | press                   |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 10    | 0A    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 26[L,R]                                                 | NEEDLE POSITION     | press                   |                  |        | 1/2/3/4                     | CC        | Bn                    | 28    | 1C    | hh                 |                          |                    |                                                                     | OFF=0(0x00) 1 → 127=Left side → Right side, position data                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  |        | 1/2/3/4                     | NOTE      | 9n                    | 54    | 36    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
| 2, EFFECT | 1                                                       | BEAT LEFT           | press                   |                  | +SHIFT | 5                           | CC        | B4                    | 76    | 4C    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  |        | 5                           | CC        | B4                    | 120   | 78    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 2                                                       | BEAT RIGHT          | press                   |                  | +SHIFT | 5                           | CC        | B4                    | 77    | 4D    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           |                                                         |                     |                         |                  |        | 5                           | CC        | B4                    | 121   | 79    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 3                                                       | LEVEL DEPTH         | turn                    |                  | 5      | CC                          | B4        | 91                    | 5B    | hh    |                    |                          |                    | 0(0x00)~127(0x7F) Left side(min)=0(0x00), Right side(max)=127(0x7F) |                                                                                                                                           |                                                                        |
|           |                                                         | BEAT EFFECT ON/OFF  | press                   |                  | 5      | CC                          | B4        | 114                   | 72    | hh    | <- same as MIDI IN |                          |                    | OFF=0(0x00), ON=127(0x7F)                                           |                                                                                                                                           |                                                                        |
|           | 4                                                       |                     |                         |                  | +SHIFT | 5                           | CC        | B4                    | 52    | 34    | hh                 | <- same as MIDI IN       |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | 4                                                       | COLOR               | Deck 1 turn             |                  |        | 5                           | CC        | B4                    | 5     | 05    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(LOW)=0(0x00), Right side(HI)=127(0x7F)                                                                        |                                                                        |
|           |                                                         |                     | Deck 2 turn             |                  |        | 5                           | CC        | B4                    | 10    | 0A    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(LOW)=0(0x00), Right side(HI)=127(0x7F)                                                                        |                                                                        |
|           |                                                         |                     | Deck 3 turn             |                  |        | 5                           | CC        | B4                    | 22    | 16    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(LOW)=0(0x00), Right side(HI)=127(0x7F)                                                                        |                                                                        |
|           |                                                         |                     | Deck 4 turn             |                  |        | 5                           | CC        | B4                    | 83    | 53    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(LOW)=0(0x00), Right side(HI)=127(0x7F)                                                                        |                                                                        |
|           | 3, MIXER                                                | 1                   | TRIM                    | Deck 1 turn      |        |                             | 5         | CC                    | B4    | 1     | 01                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)        |
|           |                                                         |                     |                         | Deck 2 turn      |        |                             | 5         | CC                    | B4    | 6     | 06                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)        |
|           |                                                         |                     |                         | Deck 3 turn      |        |                             | 5         | CC                    | B4    | 12    | 0C                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)        |
|           |                                                         |                     |                         | Deck 4 turn      |        |                             | 5         | CC                    | B4    | 80    | 50                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)        |
|           |                                                         | 2                   | EQ HIGH                 | Deck 1 turn      |        |                             | 5         | CC                    | B4    | 2     | 02                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 2 turn      |        |                             | 5         | CC                    | B4    | 7     | 07                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 3 turn      |        |                             | 5         | CC                    | B4    | 14    | 0E                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 4 turn      |        |                             | 5         | CC                    | B4    | 81    | 51                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         | 2                   | EQ MID                  | Deck 1 turn      |        |                             | 5         | CC                    | B4    | 3     | 03                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 2 turn      |        |                             | 5         | CC                    | B4    | 8     | 08                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 3 turn      |        |                             | 5         | CC                    | B4    | 15    | 0F                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 4 turn      |        |                             | 5         | CC                    | B4    | 92    | 5C                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         | 2                   | EQ LOW                  | Deck 1 turn      |        |                             | 5         | CC                    | B4    | 4     | 04                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 2 turn      |        |                             | 5         | CC                    | B4    | 9     | 09                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 3 turn      |        |                             | 5         | CC                    | B4    | 21    | 15                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         |                     |                         | Deck 4 turn      |        |                             | 5         | CC                    | B4    | 82    | 52                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(-26)=0(0x00), Right side(+6)=127(0x7F)     |
|           |                                                         | 3                   | CH CUE (Headphones)     | Deck 1 press     |        |                             | 5         | CC                    | B4    | 70    | 46                 | hh                       | <- same as MIDI IN |                                                                     |                                                                                                                                           | OFF=0(0x00), ON=127(0x7F)                                              |
|           |                                                         |                     |                         | Deck 2 press     |        |                             | 5         | CC                    | B4    | 71    | 47                 | hh                       | <- same as MIDI IN |                                                                     |                                                                                                                                           | OFF=0(0x00), ON=127(0x7F)                                              |
|           |                                                         |                     |                         | Deck 3 press     |        |                             | 5         | CC                    | B4    | 72    | 48                 | hh                       | <- same as MIDI IN |                                                                     |                                                                                                                                           | OFF=0(0x00), ON=127(0x7F)                                              |
|           |                                                         |                     |                         | Deck 4 press     |        |                             | 5         | CC                    | B4    | 73    | 49                 | hh                       | <- same as MIDI IN |                                                                     |                                                                                                                                           | OFF=0(0x00), ON=127(0x7F)                                              |
|           |                                                         | 4                   | HEADPHONES CUE / MASTER | turn             |        |                             | 5         | CC                    | B4    | 27    | 1B                 | hh                       |                    |                                                                     |                                                                                                                                           | 0(0x00)~127(0x7F) Left side(CUE)=0(0x00), Right side(MASTER)=127(0x7F) |
|           | 5                                                       | HEADPHONES LEVEL    | slide                   |                  |        | 5                           | CC        | B4                    | 26    | 1A    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)                                                                           |                                                                        |
|           | 6                                                       | CROSSFADER          | slide                   |                  |        | 5                           | CC        | B4                    | 11    | 0B    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left end=0(0x00), Right end=127(0x7F)                                                                                   |                                                                        |
|           | 7                                                       | CH FADER            | Deck 1 slide            |                  |        | 5                           | CC        | B4                    | 17    | 11    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Bottom=0(0x00), Top=127(0x7F)                                                                                           |                                                                        |
|           |                                                         |                     | Deck 2 slide            |                  |        | 5                           | CC        | B4                    | 18    | 12    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Bottom=0(0x00), Top=127(0x7F)                                                                                           |                                                                        |
|           |                                                         |                     | Deck 3 slide            |                  |        | 5                           | CC        | B4                    | 19    | 13    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Bottom=0(0x00), Top=127(0x7F)                                                                                           |                                                                        |
|           |                                                         |                     | Deck 4 slide            |                  |        | 5                           | CC        | B4                    | 20    | 14    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Bottom=0(0x00), Top=127(0x7F)                                                                                           |                                                                        |
|           | 8                                                       | CH LEVEL METER      |                         |                  |        | 1/2/3/4                     | CC        |                       |       |       |                    | Bn                       | 2                  | hh                                                                  | Refer to MIDI-OUT/CH LEVEL METER                                                                                                          |                                                                        |
|           | 9                                                       | BOOTH MONITOR LEVEL | turn                    |                  |        | 5                           | CC        | B4                    | 25    | 19    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)                                                                           |                                                                        |
|           | 10                                                      | MASTER LEVEL        | turn                    |                  |        | 5                           | CC        | B4                    | 24    | 18    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)                                                                           |                                                                        |
|           | 11                                                      | MIC1 LEVEL          | turn                    |                  |        | 5                           | CC        | B4                    | 88    | 58    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)                                                                           |                                                                        |
|           | 12                                                      | MIC2 LEVEL          | turn                    |                  |        | 5                           | CC        | B4                    | 89    | 59    | hh                 |                          |                    |                                                                     | 0(0x00)~127(0x7F) Left side(→)=0(0x00), Right side(←)=127(0x7F)                                                                           |                                                                        |
|           |                                                         | MIC ON              | press                   |                  |        | 5                           | CC        | B4                    | 90    | 5A    | hh                 |                          |                    |                                                                     | OFF=0(0x00), ON=127(0x7F)                                                                                                                 |                                                                        |
|           | -                                                       | CROSSFADER CURVE    | THRU                    | SETTINGS (*)     |        | 5                           | CC        | B4                    | 95    | 5F    | 0                  |                          |                    |                                                                     |                                                                                                                                           |                                                                        |
|           |                                                         |                     | CURVE 1                 |                  |        | 5                           | CC        | B4                    | 95    | 5F    | 40                 |                          |                    |                                                                     |                                                                                                                                           |                                                                        |
|           |                                                         |                     | CURVE 2                 |                  |        | 5                           | CC        | B4                    | 95    | 5F    | 7F                 |                          |                    |                                                                     |                                                                                                                                           |                                                                        |
|           | *Select on the "SETTINGS" screen.                       |                     |                         |                  |        |                             |           |                       |       |       |                    |                          |                    |                                                                     |                                                                                                                                           |                                                                        |

| Group      | Fig.        | User Interface (UI)     |         |                  |         |                    | MIDI assign reference info. |              | MIDI-IN (to computer) |       |              | MIDI-OUT (from computer) |              |                                                             | Details (Data2)                                                                                                                                                                     |
|------------|-------------|-------------------------|---------|------------------|---------|--------------------|-----------------------------|--------------|-----------------------|-------|--------------|--------------------------|--------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |             | UI name                 | Trigger | Condition (mode) | +SHIFT  | MIDI Channel (Dec) | NOTE / CC                   | Status (Hex) | Data1                 |       | Data 2 (Hex) | Status (Hex)             | Data 1 (Hex) | Data 2 (Hex)                                                |                                                                                                                                                                                     |
|            |             |                         |         |                  |         |                    |                             |              | (Dec)                 | (Hex) |              |                          |              |                                                             |                                                                                                                                                                                     |
| 4. BROWSER | 1           | ROTARY SELECTOR         | turn    |                  |         | 1                  | CC                          | B0           | 79                    | 4F    | hh           |                          |              |                                                             | Difference count value from last operation<br>Turn clockwise: 1~30(0x01~0x1E)<br>Turn counterclockwise: 127~98(0x7F~0x62)<br>OFF=0(0x00), ON=127(0x7F)<br>OFF=0(0x00), ON=127(0x7F) |
|            |             |                         |         |                  | +SHIFT  | 1                  | CC                          | B0           | 96                    | 60    | hh           |                          |              |                                                             |                                                                                                                                                                                     |
|            |             |                         | press   |                  | 1       | NOTE               | 90                          | 51           | 33                    | hh    |              |                          |              |                                                             |                                                                                                                                                                                     |
|            |             |                         |         | +SHIFT           | 1       | NOTE               | 90                          | 97           | 61                    | hh    |              |                          |              |                                                             |                                                                                                                                                                                     |
| 2          | DECK SELECT | press                   |         |                  | 1/2/3/4 | CC                 | Bn                          | 102          | 66                    | hh    |              |                          |              | OFF=0(0x00), ON=127(0x7F)<br>DECK1/2=80,B1<br>DECK3/4=82,B3 |                                                                                                                                                                                     |
| 5. OTHERS  | —           | PC Control mode         |         |                  |         | 1/2/3/4            | CC                          | Bn           | 100                   | 64    | hh           |                          |              |                                                             | OFF=0(0x00), ON=127(0x7F)<br>([BROWSE] > [MIDI] > [LOAD])                                                                                                                           |
|            | —           | Mixer mode              |         |                  |         | 5                  | CC                          | B4           | 101                   | 65    | hh           | <- same as MIDI IN       |              |                                                             | Select MIDI CONTROL mode : 0x00<br>Select &EP148 mode : ON=0x7F<br>([UTILITY] > [MIXER MODE])                                                                                       |
|            | 1           | Bluetooth ON            | press   |                  |         | 12                 | CC                          | BB           | 0                     | 00    | hh           |                          |              |                                                             | OFF=0(0x00), ON=127(0x7F)                                                                                                                                                           |
|            | 2           | Bluetooth Headphone CUE | press   |                  |         | 12                 | CC                          | BB           | 1                     | 01    | hh           |                          |              |                                                             | OFF=0(0x00), ON=127(0x7F)                                                                                                                                                           |
|            | 3           | PLAY/PAUSE              | press   |                  |         | 12                 | NOTE                        | 9B           | 0                     | 00    | hh           |                          |              |                                                             | OFF=0(0x00), ON=127(0x7F)                                                                                                                                                           |
|            | 4           | TRACK FWD               | press   |                  |         | 12                 | NOTE                        | 9B           | 1                     | 01    | hh           |                          |              |                                                             | OFF=0(0x00), ON=127(0x7F)                                                                                                                                                           |
|            | 5           | TRACK REV               | press   |                  |         | 12                 | NOTE                        | 9B           | 2                     | 02    | hh           |                          |              |                                                             | OFF=0(0x00), ON=127(0x7F)                                                                                                                                                           |
|            |             |                         |         |                  |         |                    |                             |              |                       |       |              |                          |              |                                                             |                                                                                                                                                                                     |
|            |             |                         |         |                  |         |                    |                             |              |                       |       |              |                          |              |                                                             |                                                                                                                                                                                     |

#### CH LEVEL METER

| Display level | MIDI OUT (C.C) |         |
|---------------|----------------|---------|
| Red           | 12dB           | 104~127 |
| Amber         | 6dB            | 94~103  |
| Amber         | 3dB            | 89~93   |
| Amber         | 0dB            | 84~88   |
| White         | -3dB           | 79~83   |
| White         | -6dB           | 75~78   |
| White         | -15dB          | 65~74   |