

PLX-CRSS12

List of MIDI Messages



[MIDI channel assignment]

MIDI channel is defined as shown below.
 0x9* : Note
 0xB* : Control Chang (CC)

| Channel Category | MIDI Channel | Channel No. (Hex) |
|-------------------------------------|--------------|-------------------|
| DECK 1 (other than PERFORMANCE PAD) | 1 | n=0 |
| DECK 2 (other than PERFORMANCE PAD) | 2 | n=1 |
| DECK 3 (other than PERFORMANCE PAD) | 3 | n=2 |
| DECK 4 (other than PERFORMANCE PAD) | 4 | n=3 |
| DECK 1 PERFORMANCE PAD | 8 | p=7 |
| DECK 2 PERFORMANCE PAD | 9 | p=8 |
| DECK 3 PERFORMANCE PAD | 10 | p=9 |
| DECK 4 PERFORMANCE PAD | 11 | p=A |

1 As a reference for MIDI assign, MIDI messages sent from buttons and knobs of this controller are listed in decimal numbers and English scale. Use this reference for your MIDI compatible software.

NOTE is a MIDI term used when 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.
 English scale uses alphabetical letters of C, D, E, F, G, A and B as well as # to indicate halfnote.

| Group | Fig. | User Interface | | | | MIDI assign reference 1 | | | MIDI-IN (to computer) | | | MIDI-OUT (from computer) | | | Details (Data2) |
|-------|------|----------------|------------------|---------|--------|--------------------------------|---------|--------------------------|-----------------------|--------------|--------------|--------------------------|--------------------|--------------------------------|-----------------|
| | | UI name | Condition (mode) | Trigger | +SHIFT | MIDI Channel (Dec) | NOTE/CC | MIDI Data (Data 1) (Dec) | Status (Hex) | Data 1 (Hex) | Data 2 (Hex) | Status (Hex) | Data 1 (Hex) | Data 2 (Hex) | |
| DECK | D1 | MOTOR OFF | | press | | 1/2/3/4 | NOTE | 1 | C#-1 | 9n | 01 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | |
| | D2 | START/STOP | | press | | 1/2/3/4 | NOTE | 0 | C-1 | 9n | 00 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | |
| | D3 | 33 | | press | | 1/2/3/4 | NOTE | 2 | D-1 | 9n | 02 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | |
| | D4 | 44 | | press | | 1/2/3/4 | NOTE | 3 | D#-1 | 9n | 03 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | |

| Group | Fig. | User Interface | | | | MIDI assign reference | | MIDI-IN (to computer) | | | | MIDI-OUT (from computer) | | Details (Data2) | | | |
|---|--|----------------|------------------|---|---|-----------------------|-----------|--------------------------|-----------------|--------------|--------------|--|--------------------|--------------------------------|--|--|--|
| | | UI name | Condition (mode) | Trigger | +SHIFT | 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) | | | | | | | | |
| D5 | BRAKE | | | slide to left | | 1/2/3/4 | NOTE | 4 | E-1 | 9n | 04 | 7F | - | - | - | | |
| | | | | slide to center | | 1/2/3/4 | NOTE | 5 | F-1 | 9n | 05 | 7F | - | - | - | | |
| | | | | slide to right | | 1/2/3/4 | NOTE | 6 | F#-1 | 9n | 06 | 7F | - | - | - | | |
| | D6 | STEP PITCH | | press | | 1/2/3/4 | NOTE | 18 | F#0 | 9n | 12 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | |
| | D7 | TEMPO RANGE | | press | | 1/2/3/4 | NOTE | 17 | F0 | 9n | 11 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | |
| | D8 | PITCH ADJUST | | slide | | 1/2/3/4 | CC | 16 | - | Bn | 10 | MSB LSB | - | - | Min(MSB:0x00 LSB:0x00) - Max(MSB:0x7F LSB:0x7F) Minimum at left end, maximum at right end | | |
| | D9 | RESET | | press | | 1/2/3/4 | NOTE | 16 | E0 | 9n | 10 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | |
| | D10 | NEEDLE MODE | | press | | 1/2/3/4 | NOTE | 32 | G#1 | 9n | 20 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | |
| | D11 | DECK | | | Status notification when ANALOG mode is set. | | 1/2/3/4 | NOTE | 37 | C#2 | 9n | 25 | 7F | - | - | - | |
| Status notification when DIGITAL VINYL mode is set. | | | | | | 1/2/3/4 | NOTE | 38 | D2 | 9n | 26 | 7F | - | - | - | | |
| | | | | | | 1/2/3/4 | NOTE | 37 | C#2 | 9n | 25 | 00 | - | - | - | | |
| | | | | | | 1/2/3/4 | NOTE | 33 | A1 | 9n | 21 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | |
| | | | | | | 1/2/3/4 | NOTE | 34 | A#1 | 9n | 22 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | |
| | | | | | | 1 | NOTE | 36 | C2 | 9n | 24 | 7F | - | - | - | | |
| | | | | | | 2/3/4 | NOTE | 36 | C2 | 91/92/93 | 24 | 00 | - | - | - | | |
| | | | | | | 2 | NOTE | 36 | C2 | 91 | 24 | 7F | - | - | - | | |
| DECK | | | | | Status notification when DECK2 is set. | | 1/3/4 | NOTE | 36 | C2 | 90/92/93 | 24 | 00 | - | - | - | |
| | | | | | Status notification when DECK3 is set. | | 1/2/4 | NOTE | 36 | C2 | 92 | 24 | 7F | - | - | - | |
| | | | | | Status notification when DECK4 is set. | | 1/2/3 | NOTE | 36 | C2 | 93 | 24 | 7F | - | - | - | |
| | | | | | Status notification when ANALOG mode is set. | | 1/2/3/4 | NOTE | 37 | C#2 | 9n | 25 | 7F | - | - | - | |
| | | | | | Status notification when DIGITAL VINYL mode is set. | | 1/2/3/4 | NOTE | 38 | D2 | 9n | 26 | 00 | - | - | - | |
| | | | | | | | 1/2/3/4 | NOTE | 38 | D2 | 9n | 26 | 7F | - | - | - | |
| | | | | | | | 1/2/3/4 | NOTE | 37 | C#2 | 9n | 25 | 00 | - | - | - | |
| | | | | | | | 1/2/3/4 | NOTE | 35 | B1 | 9n | 23 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | |
| PAD | | | | | | | | | | | | | | | | | |
| P1 | PAD1 5-8 button is OFF (PAD1-4 in use) | | | PAD MODE 1 | press | 8/9/10/11 | NOTE | 0 | C-1 | 9p | 00 | hh | 9p | 00 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 8 | G#-1 | 9p | 08 | hh | 9p | 08 | HH | hh : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 2 | press | 8/9/10/11 | NOTE | 16 | E0 | 9p | 10 | hh | 9p | 10 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 24 | C1 | 9p | 18 | hh | 9p | 18 | HH | hh : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 3 | press | 8/9/10/11 | NOTE | 32 | G#1 | 9p | 20 | hh | 9p | 20 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 40 | E2 | 9p | 28 | hh | 9p | 28 | HH | hh : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 4 | press | 8/9/10/11 | NOTE | 48 | C3 | 9p | 30 | hh | 9p | 30 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 56 | G#3 | 9p | 38 | hh | 9p | 38 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 5 | press | 8/9/10/11 | NOTE | 64 | E4 | 9p | 40 | hh | 9p | 40 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 72 | C5 | 9p | 48 | hh | 9p | 48 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 6 | press | 8/9/10/11 | NOTE | 80 | G#5 | 9p | 50 | hh | 9p | 50 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 88 | E6 | 9p | 58 | hh | 9p | 58 | HH | hh : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 7 | press | 8/9/10/11 | NOTE | 96 | C7 | 9p | 60 | hh | 9p | 60 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 104 | G#7 | 9p | 68 | hh | 9p | 68 | HH | hh : It in color specified in color number(0x01-0x7F). | |
| | | | | PAD MODE 8 | press | 8/9/10/11 | NOTE | 112 | E8 | 9p | 70 | hh | 9p | 70 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | +SHIFT | 8/9/10/11 | NOTE | 120 | C9 | 9p | 78 | hh | 9p | 78 | HH | hh : It in color specified in color number(0x01-0x7F). | |
| | PAD2 5-8 button is OFF (PAD1-4 in use) | | | | While pressing 5-8 button in PAD MODE 1 | press | 8/9/10/11 | NOTE | 64 | E4 | 9n | 40 | hh | 9n | 40 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | | press | 8/9/10/11 | NOTE | 68 | G#4 | 9n | 44 | hh | 9n | 44 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | While pressing 5-8 button in PAD MODE 2 | press | 8/9/10/11 | NOTE | 72 | C5 | 9n | 48 | hh | 9n | 48 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | | press | 8/9/10/11 | NOTE | 76 | E5 | 9n | 4c | hh | 9n | 4c | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | While pressing 5-8 button in PAD MODE 3 | press | 8/9/10/11 | NOTE | 80 | G#5 | 9n | 50 | hh | 9n | 50 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | | press | 8/9/10/11 | NOTE | 84 | C6 | 9n | 54 | hh | 9n | 54 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | While pressing 5-8 button in PAD MODE 4 | press | 8/9/10/11 | NOTE | 88 | E6 | 9n | 58 | hh | 9n | 58 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | | press | 8/9/10/11 | NOTE | 92 | G#6 | 9n | 5c | hh | 9n | 5c | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | PAD MODE 1 | press | 8/9/10/11 | NOTE | 1 | C#-1 | 9p | 01 | hh | 9p | 01 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | | +SHIFT | 8/9/10/11 | NOTE | 9 | A-1 | 9p | 09 | hh | 9p | 09 | HH | hh : It in color specified in color number(0x01-0x7F). |
| | | | | | PAD MODE 2 | press | 8/9/10/11 | NOTE | 17 | F0 | 9p | 11 | hh | 9p | 11 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | | | +SHIFT | 8/9/10/11 | NOTE | 25 | C#1 | 9p | 19 | hh | 9p | 19 | HH | hh : It in color specified in color number(0x01-0x7F). |
| PAD MODE 3 | press | 8/9/10/11 | NOTE | 33 | A1 | 9p | 21 | hh | 9p | 21 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| | +SHIFT | 8/9/10/11 | NOTE | 41 | F2 | 9p | 29 | hh | 9p | 29 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| PAD MODE 4 | press | 8/9/10/11 | NOTE | 49 | C#3 | 9p | 31 | hh | 9p | 31 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| | +SHIFT | 8/9/10/11 | NOTE | 57 | A3 | 9p | 39 | hh | 9p | 39 | HH | hh : It in color specified in color number(0x01-0x7F). | | | | | |
| PAD MODE 5 | press | 8/9/10/11 | NOTE | 65 | F4 | 9p | 41 | hh | 9p | 41 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| | +SHIFT | 8/9/10/11 | NOTE | 73 | C#5 | 9p | 49 | hh | 9p | 49 | HH | hh : It in color specified in color number(0x01-0x7F). | | | | | |
| PAD MODE 6 | press | 8/9/10/11 | NOTE | 81 | A5 | 9p | 51 | hh | 9p | 51 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| | +SHIFT | 8/9/10/11 | NOTE | 89 | F6 | 9p | 59 | hh | 9p | 59 | HH | hh : It in color specified in color number(0x01-0x7F). | | | | | |
| PAD MODE 7 | press | 8/9/10/11 | NOTE | 97 | C#7 | 9p | 61 | hh | 9p | 61 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| | +SHIFT | 8/9/10/11 | NOTE | 105 | A7 | 9p | 69 | hh | 9p | 69 | HH | hh : It in color specified in color number(0x01-0x7F). | | | | | |
| PAD MODE 8 | press | 8/9/10/11 | NOTE | 113 | F8 | 9p | 71 | hh | 9p | 71 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| | +SHIFT | 8/9/10/11 | NOTE | 121 | C#9 | 9p | 79 | hh | 9p | 79 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | | | |
| PAD2 5-8 button is OFF (PAD1-4 in use) | | | | While pressing 5-8 button in PAD MODE 1 | press | 8/9/10/11 | NOTE | 65 | F4 | 9n | 41 | hh | 9n | 41 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | press | 8/9/10/11 | NOTE | 69 | A4 | 9n | 45 | hh | 9n | 45 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | While pressing 5-8 button in PAD MODE 2 | press | 8/9/10/11 | NOTE | 73 | C#5 | 9n | 49 | hh | 9n | 49 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | press | 8/9/10/11 | NOTE | 77 | F5 | 9n | 4D | hh | 9n | 4D | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | While pressing 5-8 button in PAD MODE 3 | press | 8/9/10/11 | NOTE | 81 | A5 | 9n | 51 | hh | 9n | 51 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | press | 8/9/10/11 | NOTE | 85 | C#6 | 9n | 55 | hh | 9n | 55 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | While pressing 5-8 button in PAD MODE 4 | press | 8/9/10/11 | NOTE | 89 | F6 | 9n | 59 | hh | 9n | 59 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | | | | press | 8/9/10/11 | NOTE | 93 | A6 | 9n | 5D | hh | 9n | 5D | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |

| Group | Fig. | User Interface | | | MIDI assign reference ¹ | | | MIDI-IN (to computer) | | | MIDI-OUT (from computer) | | | Details (Data2) | |
|---|--|---|---------------------|-----------|------------------------------------|---------|--------------------|--------------------------|-----------------|-----------------|-----------------------------|--|--|--|--|
| | | UI name | Condition (mode) | Trigger | 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) | | | | | | | |
| P3 | PAD3 5-8 button is OFF (PAD1-4 in use) | PAD MODE 1 | press | | 8/9/10/11 | NOTE | 2 | D-1 | 9p | 02 | hh | 9p | 02 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 10 | A#-1 | 9p | 0A | hh | 9p | 0A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 2 | press | | 8/9/10/11 | NOTE | 18 | F#0 | 9p | 12 | hh | 9p | 12 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 26 | D1 | 9p | 1A | hh | 9p | 1A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 3 | press | | 8/9/10/11 | NOTE | 34 | A#1 | 9p | 22 | hh | 9p | 22 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 42 | F#2 | 9p | 2A | hh | 9p | 2A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 4 | press | | 8/9/10/11 | NOTE | 50 | D3 | 9p | 32 | hh | 9p | 32 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 58 | A#3 | 9p | 3A | hh | 9p | 3A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 5 | press | | 8/9/10/11 | NOTE | 66 | F#4 | 9p | 42 | hh | 9p | 42 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 74 | D5 | 9p | 4A | hh | 9p | 4A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 6 | press | | 8/9/10/11 | NOTE | 82 | A#5 | 9p | 52 | hh | 9p | 52 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 90 | F#6 | 9p | 5A | hh | 9p | 5A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 7 | press | | 8/9/10/11 | NOTE | 98 | D7 | 9p | 62 | hh | 9p | 62 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 106 | A#7 | 9p | 6A | hh | 9p | 6A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 8 | press | | 8/9/10/11 | NOTE | 114 | F#8 | 9p | 72 | hh | 9p | 72 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 122 | D9 | 9p | 7A | hh | 9p | 7A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 1 | press | 8/9/10/11 | NOTE | 66 | F#4 | 9n | 42 | hh | 9n | 42 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | While pressing 5-8 button in PAD MODE 2 | press | 8/9/10/11 | NOTE | 70 | A#4 | 9n | 46 | hh | 9n | 46 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | While pressing 5-8 button in PAD MODE 3 | press | 8/9/10/11 | NOTE | 74 | D5 | 9n | 4A | hh | 9n | 4A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | While pressing 5-8 button in PAD MODE 4 | press | 8/9/10/11 | NOTE | 78 | F#5 | 9n | 4E | hh | 9n | 4E | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| While pressing 5-8 button in PAD MODE 5 | press | 8/9/10/11 | NOTE | 82 | A#5 | 9n | 52 | hh | 9n | 52 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| While pressing 5-8 button in PAD MODE 6 | press | 8/9/10/11 | NOTE | 86 | D6 | 9n | 56 | hh | 9n | 56 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| While pressing 5-8 button in PAD MODE 7 | press | 8/9/10/11 | NOTE | 90 | F#6 | 9n | 5A | hh | 9n | 5A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| While pressing 5-8 button in PAD MODE 8 | press | 8/9/10/11 | NOTE | 94 | A#6 | 9n | 5E | hh | 9n | 5E | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| P4 | PAD4 5-8 button is OFF (PAD1-4 in use) | PAD MODE 1 | press | | 8/9/10/11 | NOTE | 3 | D#-1 | 9p | 03 | hh | 9p | 03 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 11 | B-1 | 9p | 0B | hh | 9p | 0B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 2 | press | | 8/9/10/11 | NOTE | 19 | G0 | 9p | 13 | hh | 9p | 13 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 27 | D#1 | 9p | 1B | hh | 9p | 1B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 3 | press | | 8/9/10/11 | NOTE | 35 | B1 | 9p | 23 | hh | 9p | 23 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 43 | G2 | 9p | 2B | hh | 9p | 2B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 4 | press | | 8/9/10/11 | NOTE | 51 | D#3 | 9p | 33 | hh | 9p | 33 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 59 | B3 | 9p | 3B | hh | 9p | 3B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 5 | press | | 8/9/10/11 | NOTE | 67 | G4 | 9p | 43 | hh | 9p | 43 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 75 | D#5 | 9p | 4B | hh | 9p | 4B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 6 | press | | 8/9/10/11 | NOTE | 83 | B5 | 9p | 53 | hh | 9p | 53 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 91 | G6 | 9p | 5B | hh | 9p | 5B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 7 | press | | 8/9/10/11 | NOTE | 99 | D#7 | 9p | 63 | hh | 9p | 63 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 107 | B7 | 9p | 6B | hh | 9p | 6B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 8 | press | | 8/9/10/11 | NOTE | 115 | G8 | 9p | 73 | hh | 9p | 73 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 123 | D#9 | 9p | 7B | hh | 9p | 7B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 1 | press | 8/9/10/11 | NOTE | 67 | G4 | 9n | 43 | hh | 9n | 43 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | While pressing 5-8 button in PAD MODE 2 | press | 8/9/10/11 | NOTE | 71 | B4 | 9n | 47 | hh | 9n | 47 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | While pressing 5-8 button in PAD MODE 3 | press | 8/9/10/11 | NOTE | 75 | D#5 | 9n | 4B | hh | 9n | 4B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | While pressing 5-8 button in PAD MODE 4 | press | 8/9/10/11 | NOTE | 79 | G5 | 9n | 4F | hh | 9n | 4F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| While pressing 5-8 button in PAD MODE 5 | press | 8/9/10/11 | NOTE | 83 | B5 | 9n | 53 | hh | 9n | 53 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| While pressing 5-8 button in PAD MODE 6 | press | 8/9/10/11 | NOTE | 87 | D#6 | 9n | 57 | hh | 9n | 57 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| While pressing 5-8 button in PAD MODE 7 | press | 8/9/10/11 | NOTE | 91 | G6 | 9n | 5B | hh | 9n | 5B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| While pressing 5-8 button in PAD MODE 8 | press | 8/9/10/11 | NOTE | 95 | B6 | 9n | 5F | hh | 9n | 5F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | | |
| P1 | PAD1 (PAD5) 5-8 button is ON (PAD5-8 in use) | PAD MODE 1 | press | | 8/9/10/11 | NOTE | 4 | E-1 | 9p | 04 | hh | 9p | 04 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 12 | C0 | 9p | 0C | hh | 9p | 0C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 2 | press | | 8/9/10/11 | NOTE | 20 | G#0 | 9p | 14 | hh | 9p | 14 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 28 | E1 | 9p | 1C | hh | 9p | 1C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 3 | press | | 8/9/10/11 | NOTE | 36 | C2 | 9p | 24 | hh | 9p | 24 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 44 | G#2 | 9p | 2C | hh | 9p | 2C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 4 | press | | 8/9/10/11 | NOTE | 52 | E3 | 9p | 34 | hh | 9p | 34 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 60 | C4 | 9p | 3C | hh | 9p | 3C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 5 | press | | 8/9/10/11 | NOTE | 68 | G#4 | 9p | 44 | hh | 9p | 44 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 76 | E5 | 9p | 4C | hh | 9p | 4C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| PAD MODE 6 | press | | 8/9/10/11 | NOTE | 84 | C6 | 9p | 54 | hh | 9p | 54 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| | | +SHIFT | 8/9/10/11 | NOTE | 92 | G#6 | 9p | 5C | hh | 9p | 5C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| PAD MODE 7 | press | | 8/9/10/11 | NOTE | 100 | E7 | 9p | 64 | hh | 9p | 64 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| | | +SHIFT | 8/9/10/11 | NOTE | 108 | C8 | 9p | 6C | hh | 9p | 6C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| PAD MODE 8 | press | | 8/9/10/11 | NOTE | 116 | G#8 | 9p | 74 | hh | 9p | 74 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| | | +SHIFT | 8/9/10/11 | NOTE | 124 | E9 | 9p | 7C | hh | 9p | 7C | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |

| Group | Fig. | User Interface | | | MIDI assign reference 1 | | | | MIDI-IN (to computer) | | | MIDI-OUT (from computer) | | | Details (Data2) |
|---|---|---|------------------|---------|-------------------------|---------|--------------------|-----------------|-----------------------|--------------------|--------------------------------|--------------------------|--|--|--|
| | | UI name | Condition (mode) | Trigger | 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) | | | | | | | |
| P4 | PAD4 (PAD8) 5-8 button is ON (PAD5-8 in use) | PAD MODE 5 | press | | 8/9/10/11 | NOTE | 71 | B4 | 9p | 47 | hh | 9p | 47 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 79 | G5 | 9p | 4F | hh | 9p | 4F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 6 | press | | 8/9/10/11 | NOTE | 87 | D#6 | 9p | 57 | hh | 9p | 57 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 95 | B6 | 9p | 5F | hh | 9p | 5F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 7 | press | | 8/9/10/11 | NOTE | 103 | G7 | 9p | 67 | hh | 9p | 67 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 111 | D#8 | 9p | 6F | hh | 9p | 6F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | PAD MODE 8 | press | | 8/9/10/11 | NOTE | 119 | B8 | 9p | 77 | hh | 9p | 77 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | | +SHIFT | 8/9/10/11 | NOTE | 127 | G9 | 9p | 7F | hh | 9p | 7F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 1 | press | | 8/9/10/11 | NOTE | 67 | G4 | 9n | 43 | hh | 9n | 43 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 2 | press | | 8/9/10/11 | NOTE | 71 | B4 | 9n | 47 | hh | 9n | 47 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 3 | press | | 8/9/10/11 | NOTE | 75 | D#5 | 9n | 4B | hh | 9n | 4B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 4 | press | | 8/9/10/11 | NOTE | 79 | G5 | 9n | 4F | hh | 9n | 4F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 5 | press | | 8/9/10/11 | NOTE | 83 | B5 | 9n | 53 | hh | 9n | 53 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | While pressing 5-8 button in PAD MODE 6 | press | | 8/9/10/11 | NOTE | 87 | D#6 | 9n | 57 | hh | 9n | 57 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| While pressing 5-8 button in PAD MODE 7 | press | | 8/9/10/11 | NOTE | 91 | G6 | 9n | 5B | hh | 9n | 5B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| While pressing 5-8 button in PAD MODE 8 | press | | 8/9/10/11 | NOTE | 95 | B6 | 9n | 5F | hh | 9n | 5F | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | | |
| P5 | SHIFT | | press | | 1/2/3/4 | NOTE | 48 | C3 | 9n | 30 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | |
| P6 | 5-8 | | press | | 1/2/3/4 | NOTE | 49 | C#3 | 9n | 31 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | |
| | | +SHIFT | 1/2/3/4 | NOTE | 53 | F3 | 9n | 35 | hh | <- Same as MIDI-IN | hh : NoteOff=0x00, NoteOn=0x7F | | | | |
| P7 | HOT CUE (*1) | press | | | 1/2/3/4 | NOTE | 50 | D3 | 9n | 32 | hh | 9n | 32 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | +SHIFT | 1/2/3/4 | NOTE | 56 | G#3 | 9n | 38 | hh | 9n | 38 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | press twice | | | 1/2/3/4 | NOTE | 54 | F#3 | 9n | 36 | hh | 9n | 36 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | +SHIFT | 1/2/3/4 | NOTE | 58 | A#3 | 9n | 3A | hh | 9n | 3A | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| P8 | SAMPLER (*1) | press | | | 1/2/3/4 | NOTE | 51 | D#3 | 9n | 33 | hh | 9n | 33 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | +SHIFT | 1/2/3/4 | NOTE | 57 | A3 | 9n | 39 | hh | 9n | 39 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |
| | | press twice | | | 1/2/3/4 | NOTE | 55 | G3 | 9n | 37 | hh | 9n | 37 | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). |
| | | | +SHIFT | 1/2/3/4 | NOTE | 59 | B3 | 9n | 3B | hh | 9n | 3B | HH | hh : NoteOff=0x00, NoteOn=0x7F HH : It in color specified in color number(0x01-0x7F). | |

(*1) The method of switching to each PAD MODE is as follows.
 PAD MODE 1 : Press HOT CUE.
 PAD MODE 2 : Press SAMPLER.
 PAD MODE 3 : Press HOT CUE while holding down SHIFT.
 PAD MODE 4 : Press SAMPLER while holding down SHIFT.
 PAD MODE 5 : Press HOT CUE twice.
 PAD MODE 6 : Press SAMPLER twice.
 PAD MODE 7 : Press HOT CUE twice while holding down SHIFT.
 PAD MODE 8 : Press SAMPLER twice while holding down SHIFT.