



ZVEX

MIDI CONFIGURATION

Bliss Factory™ allows all of its parameters to be controlled via Control Change messages, as well as its presets to be saved and recalled with Program Change messages.

You can save and recall up to 6 presets with our Faves™ MIDI controller. To use a MIDI controller other than Faves™ with your Bliss Factory™, you'll have to do the following:

1. Attach a Chase Bliss Audio Midibox “Ring Active” port using a standard ¼” TRS patch cable to the TAP/MIDI jack on your Bliss Factory™. The Midibox is not included with the Bliss Factory™.
2. Bliss Factory™ is set to MIDI channel 2 by default, but it is easy to change if you need to. If you want to change it, simply hold down both stomp switches when you provide power to the pedal (hold down both stomp switches simultaneously, provide power and then you can let go). The pedal is now looking for the first “Program Change” message it sees, and it will set itself to whatever channel it gets that first message from, permanently (until you change it again, of course).

MIDI CONTROL CHANGE CHANNELS

| Parameter | CC# | Description |
|-------------------|-----|--|
| Volume | 14 | Sending a value 0 would be equivalent to the knob being completely counter clockwise, sending 127 is equivalent to fully clockwise. All numbers in between correspond to knob positions in between those extremes. |
| Gate | 15 | |
| Comp | 16 | |
| Drive | 17 | |
| Stab | 18 | |
| LPF | 19 | |
| AUX FUNC Selec | 21 | Sending value 1 selects the left toggle position. Sending value 2 selects the middle toggle position. Sending value 3 selects the right toggle position. |
| FAT Select | 22 | |
| LPF Select | 23 | |
| Expression | 100 | Sending a value 0 would be equivalent to an expression pedal being in the “heel” position, while sending 127 is equivalent to the expression pedal being in the “toe” position. All numbers in between correspond to knob positions in between those extremes. As always, the dip switches on the pedal select which parameter(s) are being controlled via expression. |
| AUX FUNC | 101 | Sending a value of 0 bypasses the AUX function. Sending a value of 1-127 engages the AUX function |
| Bypass Switch | 102 | Sending a value of 0 bypasses the pedal Sending a value of 1-127 engages the pedal. |

Recalling a preset via MIDI

You can activate a preset by sending a MIDI Program Change message. For example, sending a Program Change message of 1 activates preset 1. There are 122 total preset slots available. Slots 1 and 2 are the presets that can only be saved via the preset toggle and can be activated either directly from the pedal using the preset toggle, or a MIDI controller. Slot 1 is the right slot, and Slot 2 is the left slot. Sending a Program Change message of 0 puts the pedal in “live” mode, which is identical to when the preset toggle switch is in the middle position in normal pedal operation. If you do not save something into presets 3 through 122, nothing will be recalled. There are no factory presets besides the two that come loaded in slots 1 and 2. The idea is for you to create your own.

Saving a preset via MIDI

You save a preset by sending a MIDI Program Change message while holding down both stomp switches. For example, sending a Program Change message of 45 while holding down both stomp switches will save your current settings to preset slot 45. There are 122 total slots. Slots 1 and 2 are the presets that can only be saved via the preset toggle and can be activated either directly from the pedal using the preset toggle, or a MIDI controller. Slot 1 is the right slot, and Slot 2 is the left slot.

Control Change Messages

Bliss Factory™ can be controlled with MIDI control change messages.

View the back panel for a table that shows which MIDI control change channel controls each Bliss Factory™ parameter.