Brothers™ allows all of its parameters to be controlled via control change messages as well as it's presets to be saved and recalled with program change messages.

You can save and recall up to 6 presets with our new Faves™ MIDI controller. To use a MIDI controller other than Faves™ with your Brothers™, 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 Brothers™. The Midibox is not included with the Brothers™.

2. Brothers™ 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) 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).

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 be saved and activated directly from the pedal via the preset toggle. Slot 1 is the right slot. 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.

MIDI CONTROL CHANGE CHANNELS

Parameter	CC#	Description
Gain A Master Gain B Tone A Mix / Stack Tone B	14 15 16 17 18 19	Sending a value 0 would be equivalent to the knob being completely counter clock-wise, sending 127 is equivalent to fully clock-wise. All numbers in between correspond to knob positions in between those extremes.
Channel A Effect Select	21	Sending value 1 selects Boost. Sending value 2 selects Drive. Sending value 3 selects Fuzz.
PARA, A > B, B > A Select	22	Sending value 1 selects "PARA." Sending value 2 selects "A >> B." Sending value 3 selects "B >> A."
Channel B Effect Select	23	Sending value 1 selects Fuzz. Sending value 2 selects Drive. Sending value 3 selects Boost.
Expression	100	Sending a value 0 would be equivalent to an expression pedal being completely "off", sending 127 is equivalent to a fully depressed expression pedal. 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.
Bypass Switch	102	Sending value 127 engages the last saved channels on the pedal. Sending value 0 bypasses both channels.
Bypass Switch	103	Sending value 127 engages both channels on the pedal. Sending value 85 engages channel A and bypasses channel B. Sending value 45 engages channel B and bypasses channel A. Sending value 0 bypasses both channels.

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 45. There are 122 total slots. Slots 1 and 2 are the presets that can be saved and activated directly from the pedal via the preset toggle. Slot 1 is the right slot. Slot 2 is the left slot.

Control Change Messages

Brothers™ can be controlled with MIDI control change messages.

The table on the left shows which MIDI control change channel controls each Brothers™ parameter.

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