



Reverse Mode

You can use MIDI with **Reverse Mode C** to control any of its parameters, sync to external MIDI clock, or save and recall up to 122 presets.

1. **Reverse Mode C** receives MIDI through a standard ¼" TRS patch cable. If your controller has a 5-pin output, the Chase Bliss MIDIBox is a simple way to convert 5-pin MIDI to TRS (the MIDIBox is not included with Reverse Mode C).
2. **Reverse Mode C** is set to MIDI channel 2 by default, but it's easy to change. Simply hold down both stomp switches when you power up the pedal. The pedal is now looking for the first "Program Change" message it sees, and it will set itself to that channel.

SAVING A PRESET VIA MIDI

Presets are both saved and recalled using Program Change (PC) messages.

To save a preset, send a Program Change message while holding down both foot switches. Sending a Program Change message of 45, for example, will save your current settings to preset 45.

There are 122 total slots.

Slots 1 and 2 correspond to the preset toggle on the pedal. Slot 1 is the right slot. Slot 2 is the left slot.

RECALLING A PRESET VIA MIDI

To recall a preset, simply send **Reverse Mode C** a Program Change message.

If the target slot is empty, nothing will be recalled. There are no factory presets besides the two that come loaded in slots 1 and 2.

Sending a Program Change message of 0 puts the pedal in "Live" mode, matching the pedal's current settings.

Reverse Mode C Control Change Channels

What:	MIDI CC:	Value:
KNOBS		
TIME	14	0 - 127
MIX	15	0 - 127
FEEDBACK	16	0 - 127
OFFSET	17	0 - 127
BALANCE	18	0 - 127
FILTER	19	0 - 127
RAMP SPEED	20	0 - 127
TOGGLES		
MOD SYNC	21	SYNC = 0, 1 OFF = 2 FREE = 3 OR >
MOD TYPE	22	VIB = 0, 1 TREM = 2 FREQ = 3 OR >
SEQUENCE MODE	23	RUN = 0, 1 OFF = 2 ENV = 3 OR >
FOOTSWITCHES		
BYPASS	102	Pedal off = 0 Pedal on = 1 or >
TAP	93 or 103	Any value
ALT MENU (HOLD BOTH SWITCHES)	104	ALT exit = 0 ALT enter = 1 or >
FREEZE (HOLD LEFT SWITCH)	105	Freeze off = 0 Freeze on = 1 or >
HALF SPEED (HOLD RIGHT SWITCH)	106	Normal = 0 Half speed = 1 or >

HIDDEN OPTIONS		
SEQUENCER SUBDIVISION	24	X 16 = 0 - 15 X 8 = 16 - 31 X 4 = 32 - 47 X 2 = 48 - 63 X 1 = 64 - 79 X 1/2 = 80 - 95 X 1/4 = 96 - 111 X 1/8 = 112 - 127
RAMPING WAVEFORM	25	↕ = 0 - 14 ↔ = 15 - 54 ∩ = 55 - 80 ⊥ = 81 - 126 ↖ = 127
MOD DEPTH	27	0 - 127
MOD RATE	28	0 - 127
OCTAVE TYPE	31	OCT DOWN = 0, 1 BOTH OCT = 2 OCT UP = 3 or >
SEQUENCE SPACING	33	REST = 0, 1 SKIP = 2 or >

Reverse Mode C Control Change Channels

What:	MIDI CC:	Value:
DIP SWITCHES		
LEFT BANK		
TIME	61	off = 0, on = 1 or >
OFFSET	62	off = 0, on = 1 or >
BALANCE	63	off = 0, on = 1 or >
FILTER	64	off = 0, on = 1 or >
FEED	65	off = 0, on = 1 or >
BOUNCE	66	off = 0, on = 1 or >
SWEEP	67	B = 0, T = 1 or >
POLARITY	68	F = 0, R = 1 or >
RIGHT BANK		
SWAP	71	off = 0, on = 1 or >
MISO	72	off = 0, on = 1 or >
SPREAD	73	off = 0, on = 1 or >
TRAILS	74	off = 0, on = 1 or >
LATCH	75	off = 0, on = 1 or >
FEED TYPE	76	off = 0, on = 1 or >
FADE TYPE	77	off = 0, on = 1 or >
MOD TYPE	78	off = 0, on = 1 or >

CC numbers are left to right as you look down over the top of the pedal. The left bank is labeled 61-68 and the right bank is 71-78

What:	MIDI CC:	Value:
OTHER		
EOM (EXPRESSION OVER MIDI)	100	0 - 127
PRESET SAVE	111	0 - 127
TAP TEMPO	93	0 - 127
MIDI CLOCK IGNORE	51	MIDI clock Off = 0 MIDI clock On = 1 or >
RAMP/BOUNCE (ON/OFF)	52	off = 0, on = 1 or >
FACTORY RESET	56	0 - 127
DRY KILL	57	off = 0, on = 1 or >



**Digital
brain.
Analog
heart.**

**Good luck on your
MIDI journey.**

**Contact us any time:
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