



You can use MIDI with MOOD MKII to control any of its parameters, sync to external clock, and save and recall up to 122 presets.

You can also use MIDI to access the unique Synth Mode (pg 09).

GETTING CONNECTED

1. MOOD MKII 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 MOOD MKII).

2. MOOD MKII 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 by using Program Change (PC) messages.

To save a preset, send a PC 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 MOOD MKII a Program Change message.

If the target slot is empty, then 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.

MOOD MKII Control Change Channels

What:	MIDI CC:	Value:
FOOTSWITCHES / AUX		
BYPASS	102	off = 0, on = 1 or >
BYPASS	103	off = 0, on = 1 or >
HIDDEN MENU	104	off = 0, on = 1 or >
FREEZE	105	off = 0, on = 1 or >
OVERDUB	106	off = 0, on = 1 or >
TAP TEMPO	107 (or 93)	Any value > 0
<p>CC93 is also Tap Tempo for continuity between past pedals. Any value above 0 will register as a tap. To exit tap tempo mode hold the Footswitch and turn the TIME knob.</p>		
TOGGLES		
WET CHANNEL	21	REVERB = 0, 1 DELAY = 2 SLIP = >2
ROUTING	22	IN = 0, 1 +IN = 2 = >2
MICRO-LOOPER	23	ENV = 0, 1 TAPE = 2 STRETCH = >2

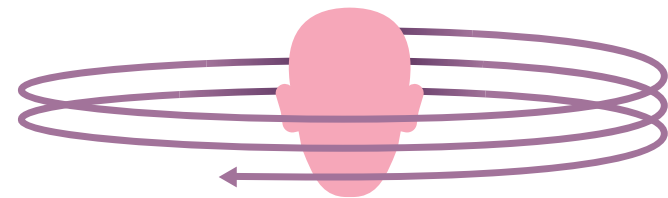
What:	MIDI CC:	Value:
KNOBS		
TIME *	14	0 - 127
MIX	15	0 - 127
LENGTH *	16	0 - 127
MODIFY	17	0 - 127
CLOCK *	18	0 - 127
MODIFY *	19	0 - 127
RAMP SPEED	20	0 - 127
*See pg. 8 for a detailed breakdown of the specific values		
HIDDEN OPTIONS		
STEREO WIDTH	24	0 - 127
RAMPING WAVEFORM	25	= 0 - 14 = 15 - 54 = 55 - 80 = 81 - 126 = 127
FADE	26	0 - 127
TONE	27	0 - 127
LEVEL BALANCE	28	0 - 127
DIRECT MICRO-LOOP	29	0 - 127
SYNC	31	> = 0, 1 no sync = 2 > = >2
SPREAD	32	only = 0, 1 both = 2 only = >2
BUFFER LENGTH	33	Half (like MKI) = 0, 1 Full = >1

MOOD MKII Control Change Channels

What:	MIDI CC:	Value:
MISC / RANDOM		
MIDI CLOCK IGNORE * <i>SAVED GLOBALLY</i>	51	0 = ignore, >0 follow
STOP RAMPING	52	0 = stop, >0 resume
🔹 CLOCK DIVISION * <i>SAVED GLOBALLY</i>	53	0 = Thirty second note 1 = Sixteenth note 2 = Eighth note triplet 3 = Eighth note 4 = Dotted eighth note 5 = Quarter note 6 = Half note 7 = Whole note
🕒 CLOCK DIVISION * <i>SAVED GLOBALLY</i>	54	0 = Thirty second note 1 = Sixteenth note 2 = Eighth note triplet 3 = Eighth note 4 = Dotted eighth note 5 = Quarter note 6 = Half note 7 = Whole note

* If the multipliers cause the BPM to exceed the maximum allowed time, the BPM will divide down by two until it is within the allowable range.

What:	MIDI CC:	Value:
MISC / RANDOM		
TRUE BYPASS MODE	55	0 = Standard Buffered Bypass 1 - 127 = True Bypass
FACTORY RESET	56	0 - 127
TAP TEMPO	93	>0 (See CC107 for details)
EXPRESSION OVER MIDI	100	0 - 127
MIDI RESET **	110	1 - 127
** Ignore MIDI clock OFF, Octave transpose - +3 octaves, Clock dividers set to quarter note, Portamento to 0, Gate mode to 0		
PRESET SAVE	111	0-122



MOOD MK II Control Change Channels

What:	MIDI CC:	Value:
DIP SWITCHES		
LEFT BANK (Ramping/ Expression)		
TIME	61	off = 0, on = 1 or >
☔ MODIFY	62	off = 0, on = 1 or >
CLOCK	63	off = 0, on = 1 or >
☾ MODIFY	64	off = 0, on = 1 or >
LENGTH	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 (Customize)		
CLASSIC	71	off = 0, on = 1 or >
MISO	72	off = 0, on = 1 or >
SPREAD	73	off = 0, on = 1 or >
DRY KILL	74	off = 0, on = 1 or >
TRAILS	75	off = 0, on = 1 or >
LATCH	76	off = 0, on = 1 or >
NO DUB ☾	77	off = 0, on = 1 or >
SMOOTH	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

Below you will find the specific values for synced and stepped knob controls (pg. 5)

What: Value:

TAPE MODE SPEED (cc19)

4x Reverse	0 - 4
2x Reverse	5 - 23
1x Reverse	24 - 42
0.5x Reverse	43 - 61
0.5x Forward	62 - 84
1x Forward	85 - 97
2x Forward	98 - 119
4x Forward	120 - 127

SYNCED TIME (cc14)

Thirty second note	0 - 12
Sixteenth note	13 - 36
Eighth note triplet	37 - 61
Eighth note	62 - 84
Dotted eighth note	85 - 110
Quarter note	111 - 128

SYNCED LENGTH (cc16 Tape Mode only)

x 1/32	0 - 12
x 1/16	13 - 36
x 1/8	37 - 61
x 1/4	62 - 84
x 1/2	85 - 110
x 1	111 - 128

What: Value:

STEPPED CLOCK (cc18)

2k	0 - 4
3k	5 - 16
4k	16 - 28
6k	29 - 40
8k	41 - 53
12k	54 - 69
16k	70 - 83
24k	84 - 95
32k	96 - 109
48k	110 - 121
64k	122 - 127

STRETCH MODE SPEED (cc19)

No Stretch Rev	0 - 15
1.5x Reverse	16 - 30
2x Reverse	31 - 46
4x Reverse	47 - 60
Stalled	61 - 80
4x Forward	81 - 96
2x Forward	97 - 111
1.5x Forward	112 - 126
No Stretch For	127

SYNTH MODE

Synth Mode lets you turn **MOOD MKII** into an instrument. The controls work similar to a monophonic synthesizer, complete with ADSR, portamento, and more.

WHAT IT IS

Synth Mode lets you transpose **MOOD MKII** with a keyboard or sequencer. It works by adjusting the Clock knob in semitones based on MIDI notes.

GETTING STARTED

Synth Mode turns on automatically when a MIDI Note is detected; simply press a key or turn on your sequencer and you should hear **MOOD MKII** start to follow along. Move the Clock knob to exit Synth Mode and return to normal operation.

There are also a number of CC commands that you can use to expand and deepen the Synth Mode experience.

- Synth Mode settings are saved globally, not per-preset.
- Synth Mode will automatically follow velocity in Note On/Off and ADSR modes.
- MIDI clock is ignored when in MIDI Synth Mode.

What:	MIDI CC:	Value:
ENTER SYNTH MODE	NA	ANY VALUE
EXIT SYNTH MODE	59	>1
OUTPUT TYPE	58	OPEN = 0 ON/OFF = 1 ADSR = >1
ATTACK	80	0 - 127
DECAY	81	0 - 127
SUSTAIN	82	0 - 127
RELEASE	83	0 - 127
OCTAVE TRANSPOSE	57	12 Semitones = 1 24 Semitones = 2 36 Semitones = 3 48 Semitones = 4 60 Semitones = 5 72 Semitones = 6 84 Semitones = 7 96 Semitones = 8 108 Semitones = 9
PORTAMENTO	84	0 - 127
PITCH BEND RANGE +/- 4 SEMITONES	NA	ANY VALUE
MODULATION WHEEL	1	0 - 127

SYNTH MODE – GETTING STARTED

There's a lot to explore with Synth Mode. It can be a transposable effect, a sampler, or yes, a strange instrument.

You can think of each of MOOD MKII's algorithms as a different synth engine, with its own unique textures and sound-shaping possibilities. You just need to feed it a little sound to get started.

Try this:

Play some sound into the Reverb, then freeze it (make sure the LATCH dip switch is on). Now play some notes! This is an easy way to generate a synthy starter sound. Explore how different MODIFY and TIME positions affect the texture.

If your keyboard has a mod wheel or pitch bend, give them a try. They should be connected automatically.



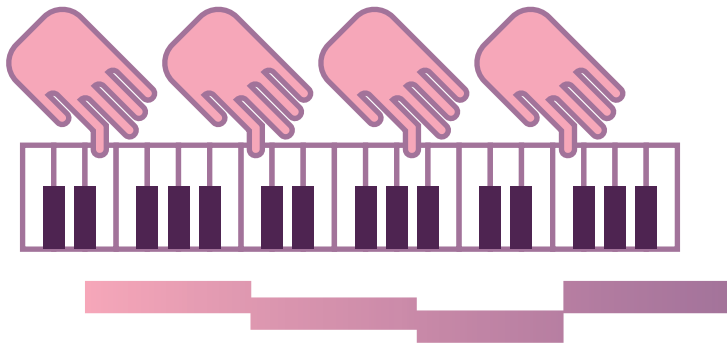
You can also use the Micro-Looper to create interesting, layered synth voices. Stretch mode is a good starting point – try overdubbing a few sounds and bring both the LENGTH and MODIFY knobs to 11 o'clock.

So that's a start – capturing a base sound, controlling it with a keyboard, and manipulating its texture. But you won't really sound synthy until you adjust the Output Type.



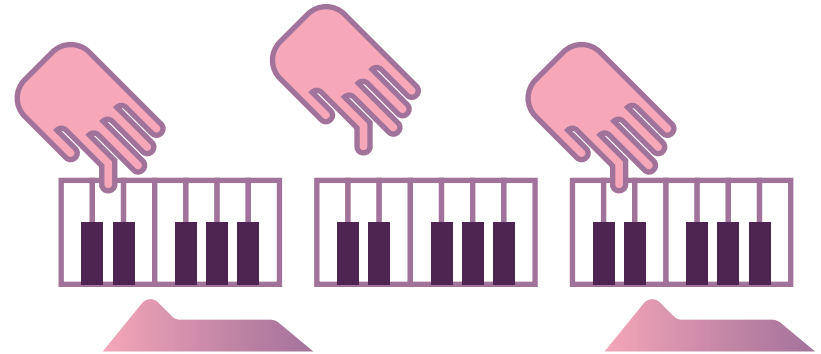
SYNTH MODE - OUTPUT TYPE

Synth Mode has three different Output Types that shape the overall experience.



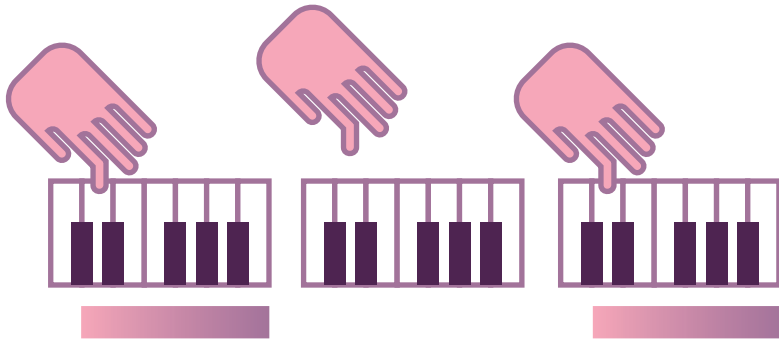
OPEN (CC58, 0)

This is the default and most intuitive option. In this case **MOOD MKII** is constantly making sound, like a drone. This is useful if you want to use **MOOD MKII** as an effect that you can transpose as a melodic element.



ADSR (CC58, 2-127)

MOOD MKII will only output sound when a MIDI Note is detected, but the onset and fade of that sound will be based on an envelope, like a typical synthesizer. This makes it possible to do swells and have notes with smooth decay, and will produce the most synth-like response.



ON / OFF (CC58, 1)

MOOD MKII will only output sound when a MIDI Note is detected. The sound will sustain as long as the note is present, with instant attack and release.

USE THE EXIT

In both the On / Off and ADSR options, **MOOD MKII** will only make sound when you press a key. So be sure to exit Synth Mode when you're done so you don't forget and think your pedal is broken).

**Good luck on your
MIDI journey.**



**Contact us any time:
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Thank you.

**Digital
brain.
Analog
heart.**