

Midi Message Types

Midi CC Messages

Parameter	CC	Range	Description
Bypass	0	0-3	0: Bypass effect pedal with current tails mode 1: Engage effect pedal 2: Bypass with tails 3: Bypass without tails 4: Toggle
Dry Mix	1	0-127	Dry Level
Wet Mix	2	0-127	Delay level
Dose	3	0-127	Wet/Dry Mix
Regen	4	0-127	Feedback
Pulse	5	0-127	Time
Mutation	6	0-127	Modulation
Algorithm	7	0-127	<p>0-15: Eq delay: Low pass filter in feedback loop</p> <ul style="list-style-type: none"> • Mutation controls cutoff frequency <p>16-31: Eq delay Alt: High pass filter in feedback loop</p> <ul style="list-style-type: none"> • Mutation controls cutoff frequency <p>32- 47: Modulated Delay:</p> <ul style="list-style-type: none"> • Mutation controls the depth of the chorus <p>48- 63: Modulated Delay Alt:</p> <ul style="list-style-type: none"> • Mutation controls the speed of the chorus <p>64-79: Filter Delay: Auto filter post delay</p> <ul style="list-style-type: none"> • Mutation controls the depth of the auto filter <p>80-95: Filter Delay: Auto filter post delay</p> <ul style="list-style-type: none"> • Mutation controls the speed of the auto filter <p>96-111: Dual Delay</p> <ul style="list-style-type: none"> • Mutation controls the time of the second delay synced to the PULSE time <p>112-127: Dual Delay</p> <ul style="list-style-type: none"> • Mutation controls the time of the second delay not

			synced to the PULSE time
DIV	8	0-4	0-24: ½ note 25-49: dotted ¼ note 50-74: ¼ note 74-99: dotted 1/8th note 100-127: 1/8th note
Ramp	9	0-1	0: Ramp Reset 1: Ramp Trigger 2: Ramp Trigger/Reset Sending a value of 2 will trigger ramp then reset once Sending a value of 1 will trigger ramp Sending a value of 0 will reset ramp to original knob positions
Tails Mode	10	0-1	0: Tails OFF 1: Tails ON
Expression Assign Mode	11	any	Sending any value will enter Expression Assign Mode
Ramp Assign Mode	12	any	Sending any value will enter Ramp Assign Mode
Tap	13	any	Sending any value will trigger tap
Expression	14	0-127	Control Expression assigned parameters
Previous Preset	15	1-10	Decrements through presets by given value
Next Preset	16	1-10	Increments through presets by given value
Midi Clock	17	0-1	0: Midi Clock Off 1: Midi Clock On
Clear all presets	18	0-127	Any value clears all presets.

MIDI PC Messages

Parameter	PC	Description
Bypass Toggle	0	Toggles the bypass using the current tails state
Change Preset	1-127	PC1 = Preset 1, PC2 = Preset 2, etc