

CC Manager v2.0 by NOISS COKO

Name	Number	Value	Mute	Name	Number	Value	Mute	Name	Number	Value	State	Mute	Limit		
OSC A	12	22	●	Cutoff	27	52	●	Rate	3	27	Min	●	20 ms		
Cutoff	19	44	Min	●	20 ms	Res	44	29	●	Depth	35	94	Max	●	P. Bend
Attack	24	27	Min	●	P. Bend	Drive	27	113	●	L Time	21	34	Max	●	0.00 %
Decay	26	94	Min	●	Preset	FM Rate	5	20	●	R Time	35	39	Min	●	◀ 7 ▶
Time	72	39	Max	●	◀ 1 ▶	FM Depth	62	81	●	Feedback	9	77	Max	●	Call
Drive	45	88	Max	●	Call	Wave	26	123	●	Level	28	26	Min	●	Out
Level	97	109	Min	●	Out										

Both XL and XS versions of this Max for Live MIDI effect are designed to display and easily manage up to eighteen MIDI Control Change messages, commonly used as modulation source for external devices such as synthesizers, drum machines, samplers, or any other

instrument that enables remote control by this specific type of message.

CC Manager offers an intuitive interface for scenarios where multiple parameters ask for simultaneous control, when their changes must be extremely precise, or even if they are just too complex to be manually performed.

SINGLE MESSAGE SECTION

MIDI Control Change messages always feature two different yet simple elements. These are used by the receiver to identify what specific parameter is now being controlled (CC Number) and what is that parameter's new state or position after the message is received (CC Value).

It is recommended to read every instrument's user manual and see what Control Change number is already assigned to each single parameter.

Parameter Name

Text boxes can be used to display parameter names, which helps to keep track of the specific messages these parameters are currently attached to. A simple click inside a box allows to edit default references and type in new names.

CC Number

Assigns a unique and exclusive Control Change Number to each control message. Parameters that share the same numbers are now linked to those specific messages and will follow their CC Values as they evolve through time.

Name	Number	Value	Mute
Cutoff	27	52	●
Res	44	29	●
Drive	27	113	●
FM Rate	5	20	●
FM Depth	62	81	●
Wave	26	123	●

CC Numbers target parameters within the receiver, but messages are only sent once the CC Values start being modified.

CC Value

These control values define the position and behaviour of those parameters sharing the same CC Number. Each value creates a new message that is used by the receiver to change the state of its own parameters.

Mute

While these toggle buttons are turned off, individual control messages stop sending values and become momentarily disabled.

BINARY MESSAGE SECTION

The next group of messages introduce a slightly different implementation. Here values alternate between maximum and minimum states, but always remaining independent from one another.

Name	Number	Value	State	Mute
Cutoff	19	44	Min	●
Attack	24	27	Min	●
Decay	26	94	Min	●
Time	72	39	Max	●
Drive	45	88	Max	●
Level	97	109	Min	●

CC Minimum Value

This value is only active while the CC State button is switched to Min.

CC Maximum Value

This value is only active while the CC State button is switched to Max.

CC State

Selects between the minimum and maximum CC Values. Even if these pairs are mainly used for managing on/off parameters, they could as well be treated as regular Control Change messages by leaving the state in a fixed position while changing its active value.

GLOBAL SECTION

Limit

Sets the rate at which CC Values are triggered by automation. Higher limits might help to avoid data overflow.

Pitch Bend

Sends MIDI Pitch Bend messages to external synthesizers and other devices. Generally used to bend an instrument's pitch up and down, but its effect ultimately depends on how the receiver is configured to interpret this specific type of message.

Preset

Sends MIDI Program Change messages, used to remotely navigate through all the presets stored in the receiving device.

Call

Every time this button is switched on, CC Manager sends all its Control Change, Program Change and Pitch Bend values. The receiver will then update its parameters according to CC Manager's current configuration.

Out

Momentarily disables CC Manager's data flow. The device stops sending Control Change, Program Change and Pitch Bend messages until this toggle button returns to the On state.

Name	Number	Value	State	Mute
Cutoff	19	44	Min	●
Attack	24	27	Min	●
Decay	26	94	Min	●
Time	72	39	Max	●
Drive	45	88	Max	●
Level	97	109	Min	●

Limit
20 ms

P. Bend
0.00 %

Preset
◀ 1 ▶

Call

Out

If the Call and Out buttons remain active when the Live set is saved, all messages will be sent once the set is reopened. In case the external device is still connected, its parameters will be also updated when CC Manager is reloaded.

ABOUT

DEVICES

CC Manager v2.0

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