Overview

Basic Features & Overview of Functions

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MIDI Controller

The JET MCX is a three button fully editable midi controller designed to be used in conjunction with our user friendly web editor for sending and saving data to your controller.

The architecture is based around 8 banks of controls, uniquely identified by a single color changing LED. Each bank has three buttons (A, B, & C) which can be pressed individually or as a 2-button press (AB or BC) and provide the end user a total of 5 unique button combinations per bank . Each button, and 2-button press, also have two unique press actions defined as a short press and a long press. Each press action / preset can send 16 simultaneous MIDI messages each with their own MIDI type on their own individual MIDI channel. We offer 18 different MIDI types to choose from, such as Control Change, Program Change, etc. See our MIDI Glossary for detailed information on each MID type.

This breaks down to 16 Messages for each press action, 10 press actions per bank, and 8 banks for a total of 1,280 unique MIDI messages that can be sent from the MCX.

The MCX also has one other press action however it does not send midi messages but is used to navigate the 8 different banks. A three button press (ABC) will bank up one bank and a three button hold will fast scroll up through the banks. When you've reached the last bank, the MCX will cycle back to the first bank and start the process all over again. We understand that most will not need all 8 banks and would rather not have to cycle through all 8 if fewer are needed. This is why we allow the user to set the number of banks they wish to cycle through within the Global Settings.

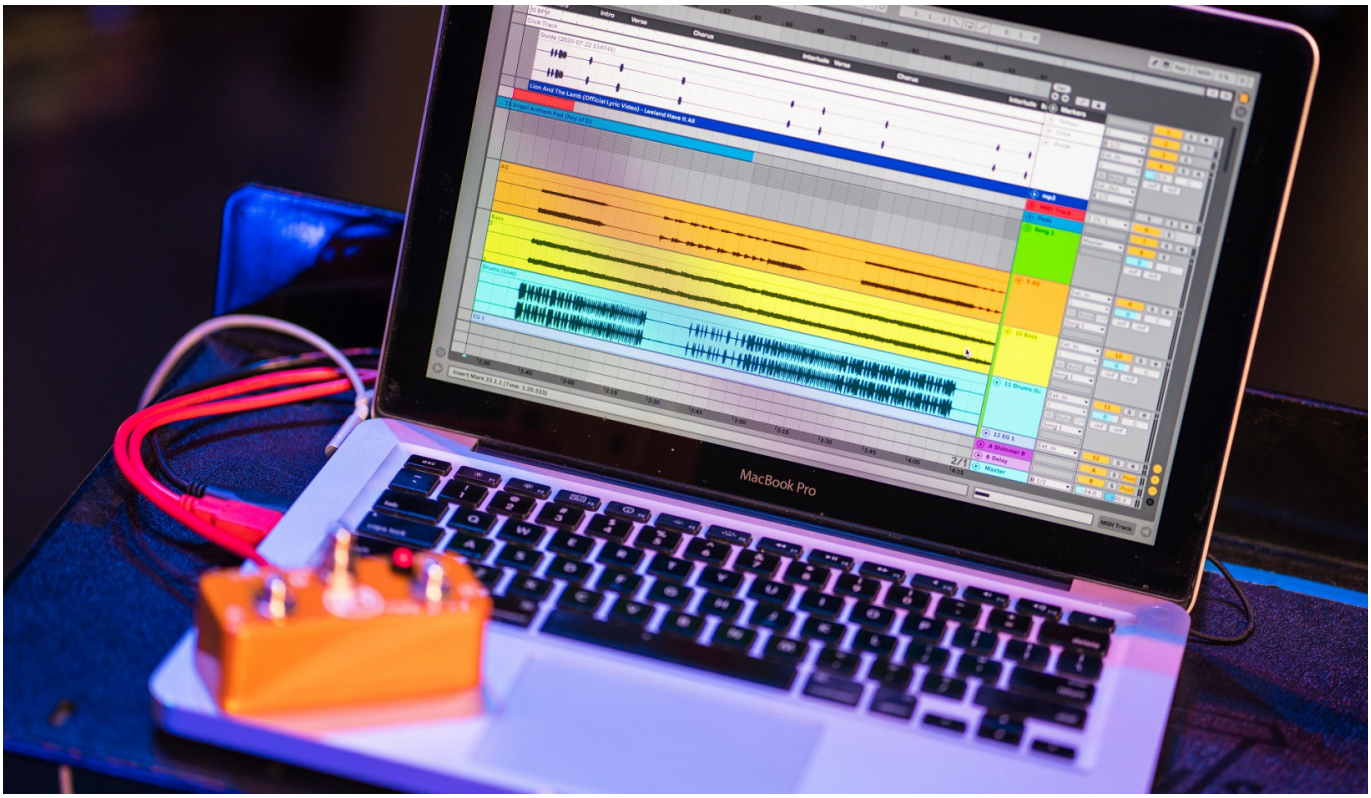


USB Class Compliant Controller

The MCX is a USB class compliant MIDI controller that can be powered via the USB buss or with a standard 9V negative tip power supply.

Use the MCX to send messages to your favorite DAW, software plugin, Mac or PC. It can even receive CC & PC messages and relay them through the MCX to the 5-pin MIDI output jack. This can be useful to let software such as Ableton Live completely automate your pedal board and be completely in sync with your backing tracks.

* In order to send MIDI clock from your Mac/PC you'll need to send a CC message to the MCX. Send CC #127 with a Value equal to your BPM on Channel #16 (example: CC #127 Value #72 Channel #16 equals 72 BPM). This will start the MIDI clock on the MCX. In order to stop the clock, send CC #127 Value #0 on Channel #16.



Global Settings

Used to set specific parameters within the MCX.

The MCX has two features / options that can be toggled on/off via the global settings.

- Auto Stop Clock - starts an internal timer every time the MIDI clock starts. After 5 seconds the timer will expire and the MIDI clock will stop. 5 seconds should be plenty of time for all of your devices to sync up, by chance this isn't long enough you can disable this feature.
- Number of Banks - this sets the number of banks the MCX will scroll through when pressing or holding down all three buttons. The MCX has 8 banks of presets, if you do not want to scroll through all 8 banks, follow the steps below to select the desired number of banks.

To enter the global settings menu, simply hold down button A while the MCX is in startup mode (flashing LED's). While continuing to hold down button A, the following buttons will toggle the values for each feature.

- Button B - By default the MCX will enable the Auto Stop Clock feature and the LED will be green. When pressing button B, the green LED will turn off and disable the Auto Stop Clock feature. Pressing button B again will turn on the green LED and enable the Auto Stop Clock feature.
- Button C - By default the MCX scrolls through all 8 banks, the blue LED will flash 8 times with a 2 second pause after the 8th flash. Press the C button to select the number of banks the MCX will scroll through, the number of banks will be identified by the number of times the blue LED flashes.

To exit the global settings, simply release button A, the MCX will flash it's LED's and store your global settings into permanent memory.