

# 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.



---

Revision #3

Created Thu, Jul 30, 2020 1:11 AM by Junior Thomason

Updated Thu, Jul 30, 2020 1:40 AM by Junior Thomason