

Setup from Scratch

Install Arduino IDE
Install MIDI.h library // allows midi communication
Upload Sketch to Arduino
Install MacPorts (package)
install dfu-programmer // help you update UNO firmware
Short pins
erase firmware / `sudo dfu-programmer atmega16u2 erase`
replace with midi HID firmware // add command
hot swap cable a billion times

You now have an arduino midi device visible in Ableton

SETUP MIDI YOKE / IAC // This allows you to make momentary midi messages in Ableton (instead of toggle)

Preferences / Audio Midi Setup
Enable IAC Driver

Set Up Ableton

Preferences:

Under Midi Preferences:

Input IAC as Remote
Arduino MIDI as Track
Output IAC and MadMapper as output

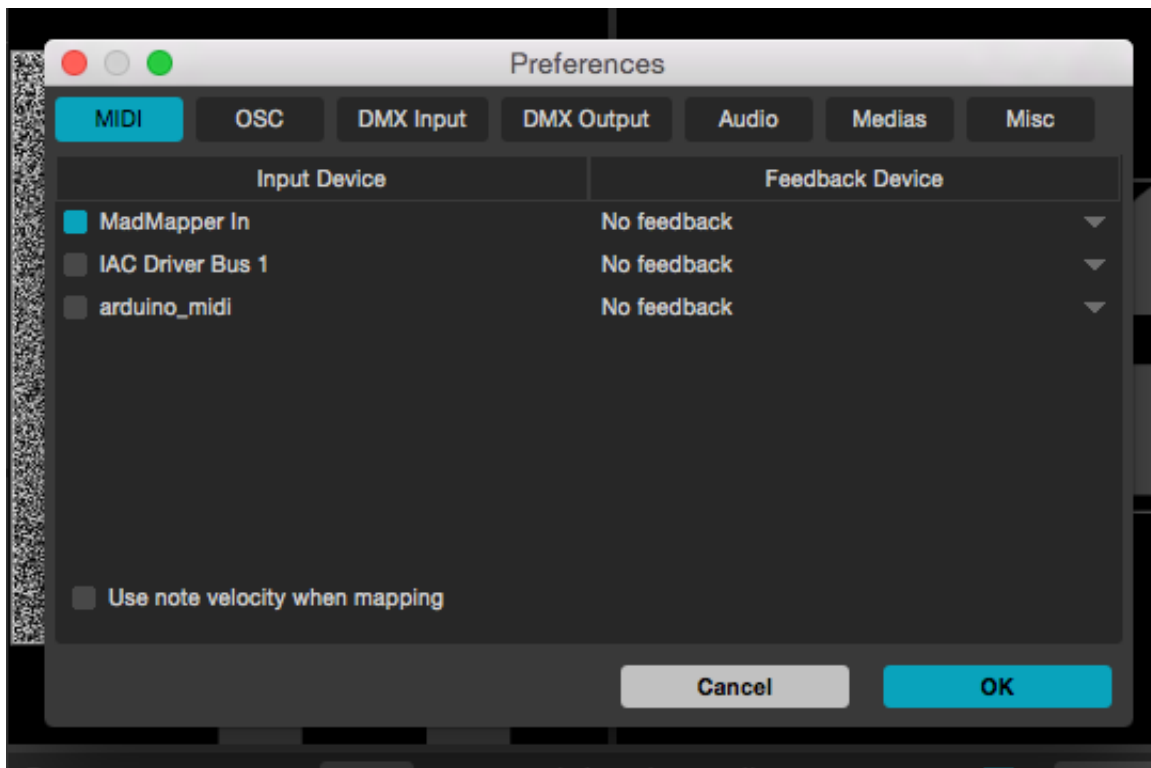


Create 3 midi channels to the left of your life set

- 1 - MIDI IN // set monitor to IN / MIDI to IAC Chan 1
- 2 - MIDI OFF // set monitor to IN / MIDI to IAC Chan 1
- AND Add MIDI EFFECT NOTE OFF
- 3 - MIDI -> MAD // monitor to in // MIDI to MadMapper In Chan 1

Set Up MadMapper

Under preferences, set MIDI Input device to MadMapper In only



Create quads with video layers

Assign on/off to midi switch note