

Usage instructions

Please download the soldering instructions from:

<https://www.tindie.com/products/petl/midi-fader-controller-usb-c/>

Additional information:

This USB C based controller is the perfect solution for **Podcasting, Live streaming, Recording, Mixing** and many other things like lighting control that require a software solution for fading and switching. All faders and switches can be used as custom controls in many different software tools like Mixxx, MIDI Mixer, Ableton and many more.



The switches and buttons all are heavy duty and have a really awesome clicky feeling to them. This makes the controls blindly usable due to their positioning and haptic feedback. LEDs light up with their corresponding switch/button by default to indicate them being turned on/pressed.

All the code is open source and can be individually customized. Each element has a dedicated input or output from the microcontroller and can be arbitrarily controlled. There are two debug LEDs on the back to indicate operation.

- 4 Faders
- 3 Push buttons
- 3 Switches
- 1 Rocker switch
- 7 5mm LEDs
- 1 10mm LED

In term of size, the fully assembled USB controller is 135x75x55mm (5.3x2.9x2.1 inch)

The USB MIDI fader controller has been tested to be working out of the box with the following configurations:

- Macbook mac OS - Studio one
- Windows 7 - Sunlite suite
- Ubuntu Linux - Mixxx

After USB connection is established, the unit shows up as a dedicated MIDI device. The operating systems tested (Windows, mac OS, Ubuntu) didn't need a special installation or driver installed.

No dedicated power supply is needed, all necessary power is supplied over the USB C port.

The item still is a prototype. It is working as intended, but funny quirks and other things are possible. It is not certified and only suited for prototyping.

If you have any questions, just shoot me a message!

Have fun tinkering and thanks for buying!