I'm using these two pedals:

- M-Audio EX-P

- M-Audio SP-2

The Expression Pedal has its adjustment potentiometer turned all the way back (essentially bypassing it)

I used some scrap stripboard to solder all the wires coming from the jacks as well as the pushbuttons.
It's held by hotglue.
The enclosure is a plastic food container. One day I might print labels instead of "engraving" them with a knife.
The Arduino was flashed then mounted, but I left the headers in case I want to change the code later.

The MIDI Output is not isolated (optocoupler) but rather current limited using resistors. See
MIDIExample