# Emy MIDI USB

This firmware works both on Emy 2018 and 2019 editions.
It allows Emy to behave like a MIDI instrument over USB.

Just plug a USB cable and choose “Adafruit Feather M0” as MIDI out.

- Use MIDI note to trigger a Phoneme (MIDI note OFF is not used)
- Respond to Velocity, Pitch and Mod (for Bending)

Works well with Ableton Live and this MIDI effect Rack : [Emy Ableton MIDI to allophones effect rack]

Firmware Revision

| Date | Revision | Changes |
|---|---|---|
| 07/05/2020 | 0.2 | now responding to MIDI pitch (keep pot P1 CCW to allow MIDI control)<br>to mod wheel (keep pot P3 CCW to allow MIDI control)<br>works also over serial midi on Terminal |
| 17/02/2019 | 0.01b | now respond<br>to velocity (keep pot P5 CCW to allow MIDI control of velocity) |
| 05/02/2019 | 0.01a | MIDI allophones trigger mode |
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