

MiniDexed-Qwerty



- Display HD44780
- Raspberry Pi Zero 2
- PCM5102 DAC
- Arduino Pro mini 5v
- Genius KB 125 sp
- 7 rotary potentiometers
- 1 slide potentiometer
- 1 rotary encoder

To program the Arduino I use the Arduino midi library and PS2KeyAdvanced libraries. The qwerty keyboard must be Ps2 protocol, or USB backward compatible with Ps2. The qwerty keyboard and the potentiometers are connected to the arduino which only sends midi messages to the raspberry pi entering through the RX pin.