

SENSORS / TOUCH

Miniature Keyboard– Microcontroller– Friendly PS/2 and USB

PRODUCT ID: 857



DESCRIPTION

Add a typing interface to your project with this microcontroller-friendly miniature keyboard. We found the smallest PS/2+USB keyboard available, a mere 8.75" x 4.65" x 0.6" (220mm x 118mm x 16mm)! It's small but usable to make a great accompaniment to either a microcontroller project or a computer such as the Beagle Bone or Raspberry Pi. The keyboard supports either USB or PS/2 interface and will automatically adjust to whichever its plugged into (there's an adapter included).

Comes with a full QWERTY keyboard, and has a num-lock number pad. Nearly all microcontrollers have existing PS/2 keyboard examples that would work fine with this keyboard. For Arduino users, we tried out PJRC's PS2_Keyboard library with great success – just check the 'simple text' example for which pins you can connect to on your 'duino (on an Uno we used digital pins 2 and 3). We suggest our PS/2 adapter cable to make the wiring easy. Start typing and you'll see the data appear in the serial terminal!

To use with a Raspberry Pi, change the keyboard to USA PC104 layout:

- Switch to root user.
- Run 'dpkg-reconfigure locales' and change from en_GB.UTF-8 to en_US.UTF-8.
- Run 'dpkg-reconfigure keyboard-configuration' and change the keyboard to USA PC104 (again, change as needed).