

## Magic Mirror Sensor Hub

The Magic Mirror Sensor Hub allows the Magic Mirror Software running on your PC to communicate with the sensors (proximity, touch, and on/off switches).



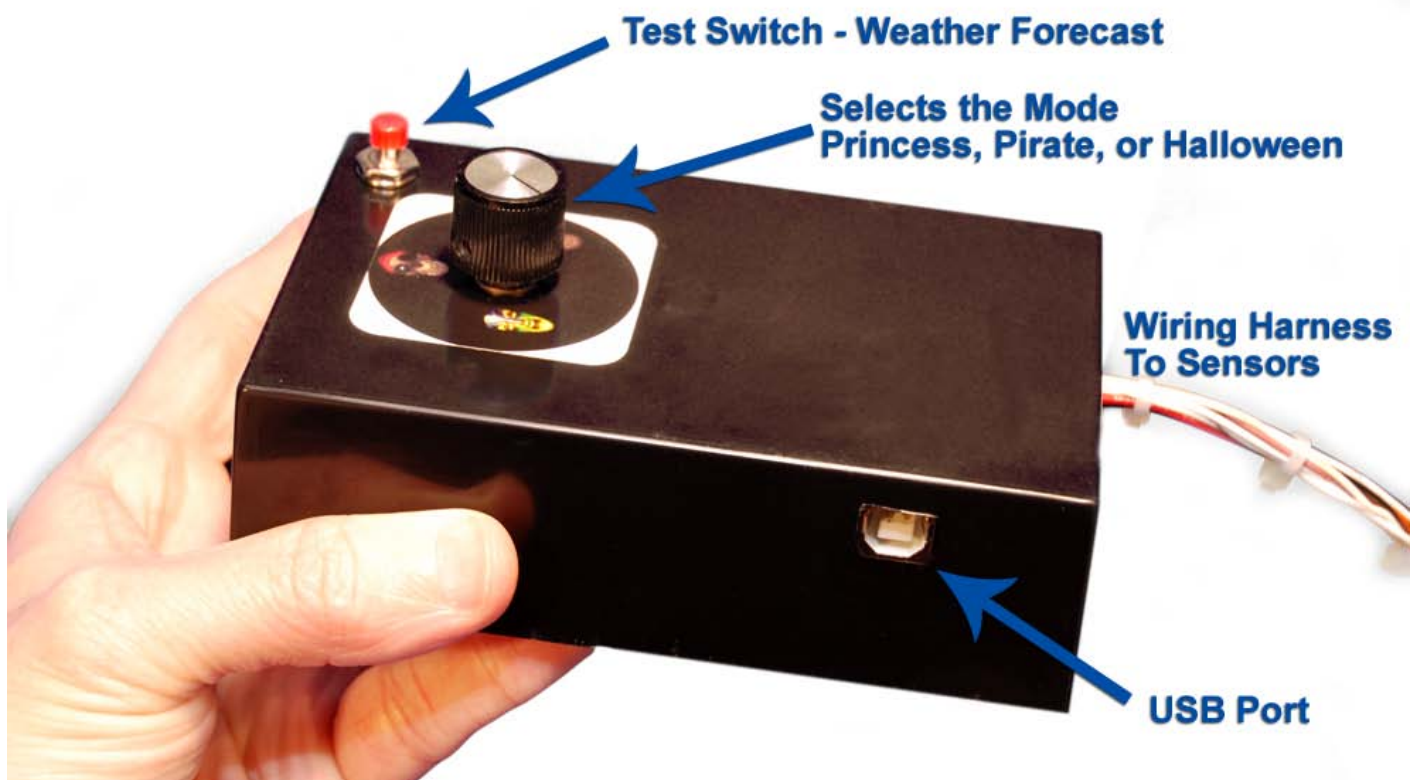
## Installation Steps

Step 1 Plug the Sensor Hub into a USB port

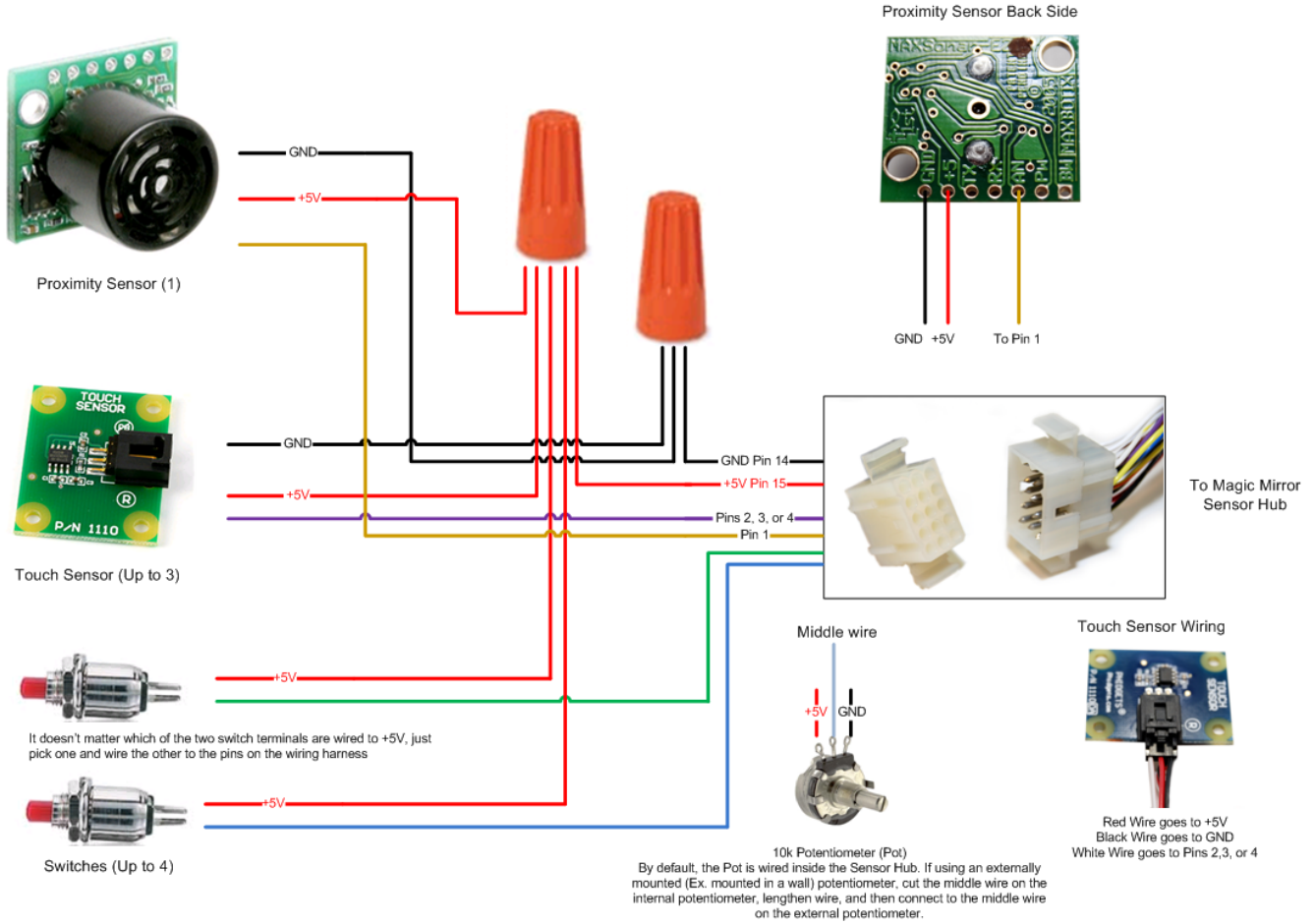
Step 2 Install the drivers and Magic Mirror Software on your computer (PC, Mac, or Linux)

Step 3 Wire the sensors to the sensor hub wiring harness per the diagram on page 3

Step 4 Refer to the <http://diymagicmirror.com/manuals.html> for instructions on how to configure the Magic Mirror software.

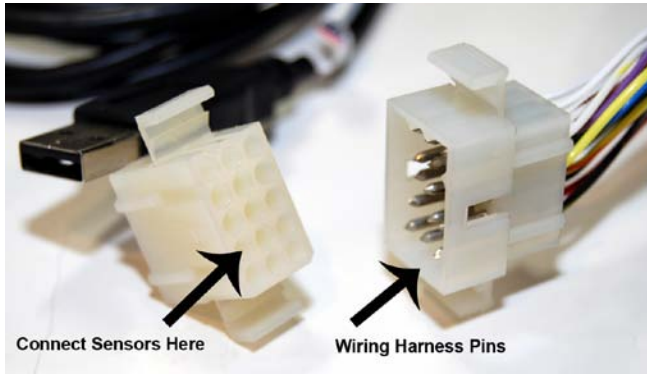


# Sensor Wiring Visual View

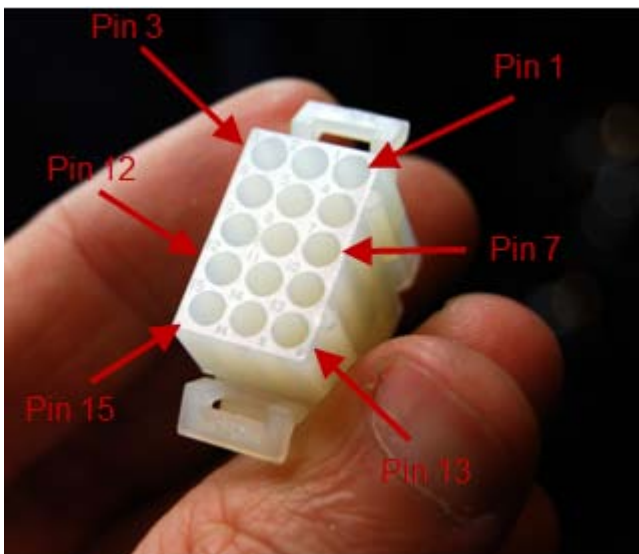


## Sensor Pin Outs

Install the sensors and then connect to the female connector following the Pinouts in the table below. Insert the sensor wires into female Molex connectors (supplied) and crimp using a Molex crimper tool.

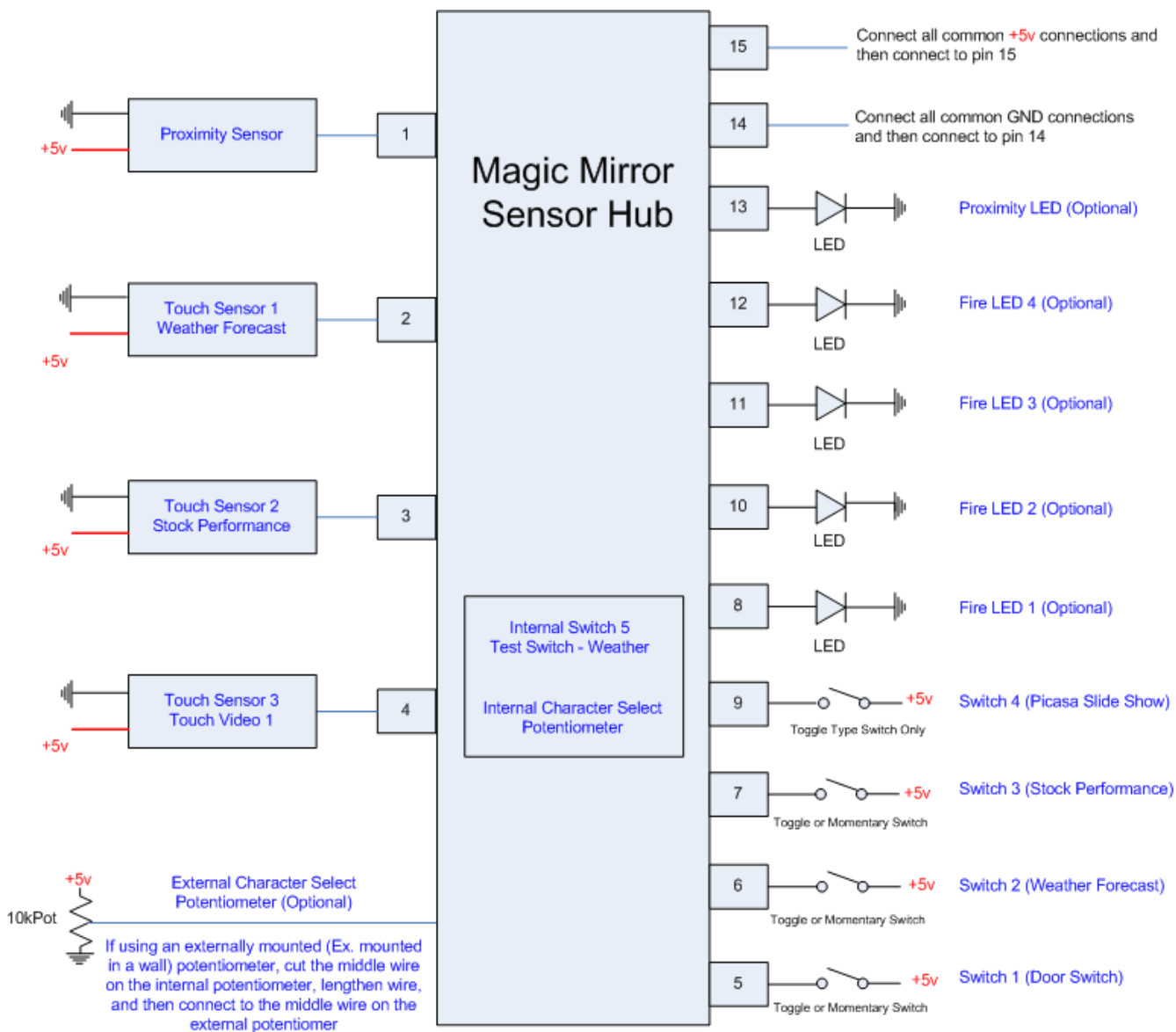


Molex Crimper Tool



Wiring Harness /Molex Pinouts	Function
1	Proximity Sensor
2	Touch 1 – Weather Forecast
3	Touch 2 – Stock Performance
4	Touch 3 – Touch Video 1
5	Switch 1 - Door Switch
6	Switch 2 – Weather Forecast
7	Switch 3 – Stock Performance
8	LED Flickering Fire 1 (Optional)
9	Switch 4 – Picasa Slide Show
10	LED Flickering Fire 2 (Optional)
11	LED Flickering Fire 3 (Optional)
12	LED Flickering Fire 4 (Optional)
13	Proximity LED
14	GND
15	+5V

## Magic Mirror Sensor Hub Schematic



Note: A sensor hub pre-wired for an External Character Select Potentiometer is also available. This allows you to change the character from a remote location such as a wall switch mount. Specify this in the Notes section of your Paypal order if you'd like this option.

### Magic Mirror Sensor Hub Physical Dimensions

5.3" x 3.3" x 1.6" inches