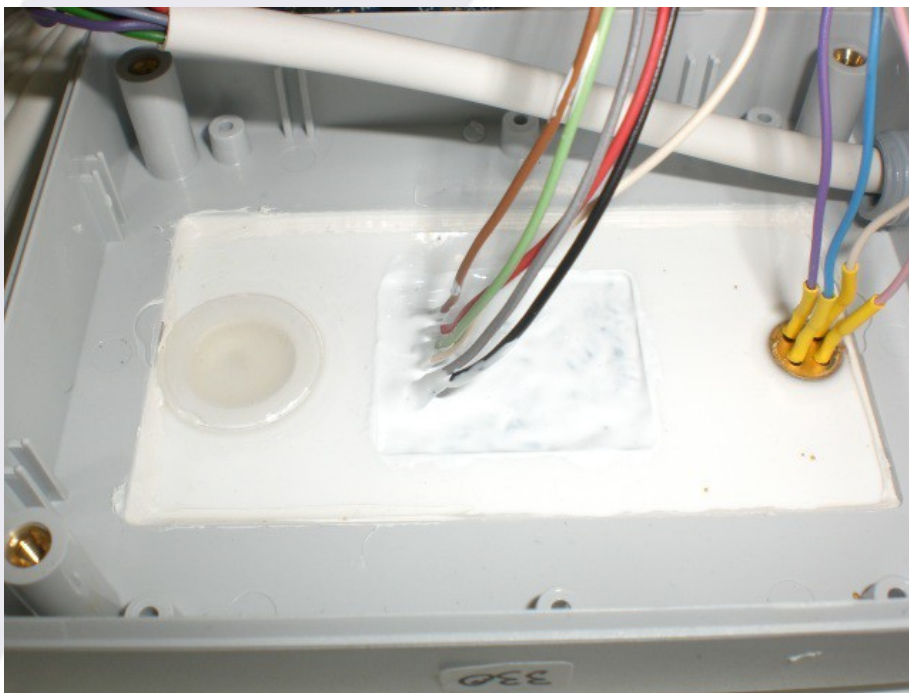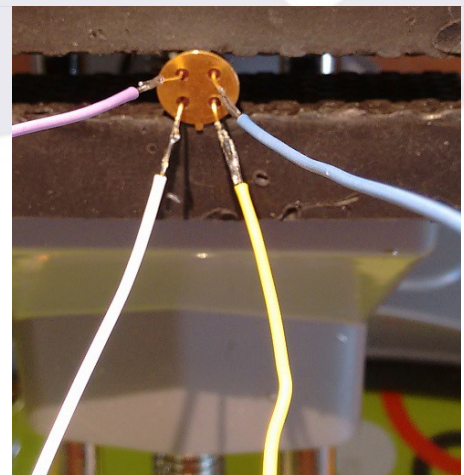# How to replace the AAG CW infrared sensor

Note: if you notice the PCB is damaged, then instead of replacing the sensor by yourself the unit should be sent for checking to Lunatico Astronomia.
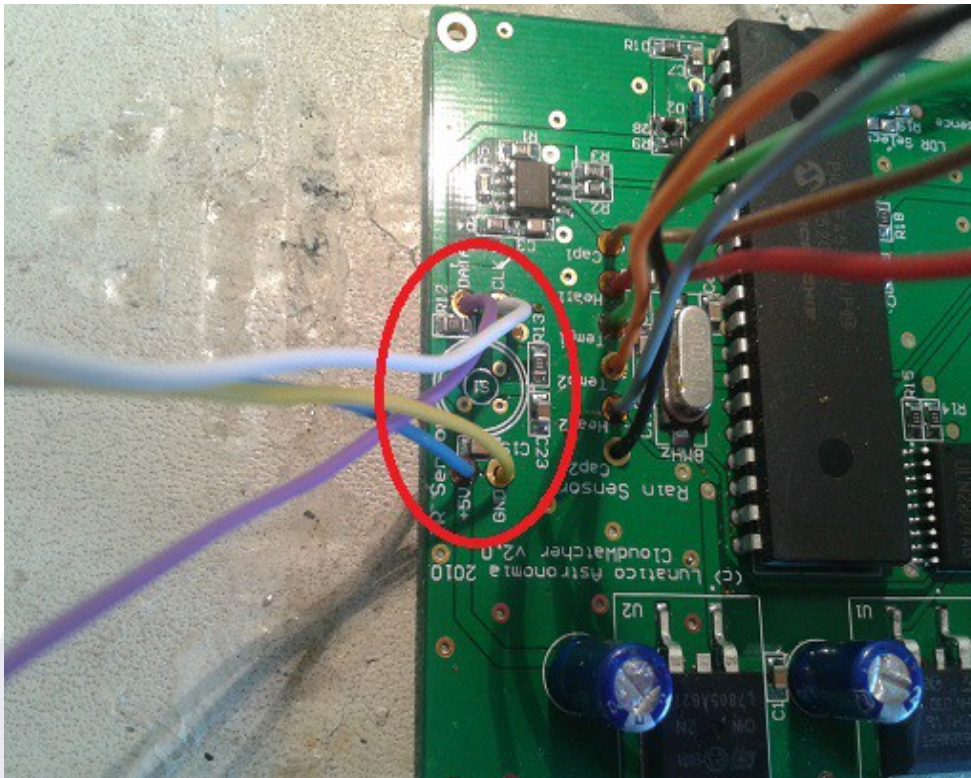
1) Open the CW box, you'll notice a few wires joining the sensors on the cover to the PCB.

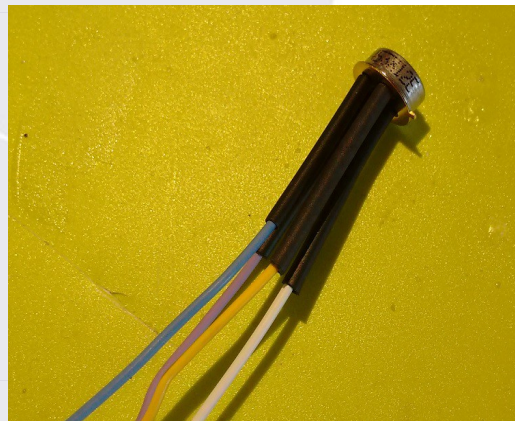2) You'll notice the IR sensor wires, right side in the image (with yellow heat shrink tube)

Press firmly from the outside to free the sensor (it's glued to the cover)

3) Notice where the leads from the sensor are soldered

4) Take note of the color of the wires, in relation to the tab in sensor (the color code should have been honored but unfortunately that's not always the case):

5) Unsolder old sensor, solder new one, using heat shrink tube. Apply some heat so the tube actually shrinks.

6) Last, press new sensor firmly into the cover, and apply silicone to both the inside (generously) and outside (scarcely here, just to fill the gap but never touching the sensitive – central – part).

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