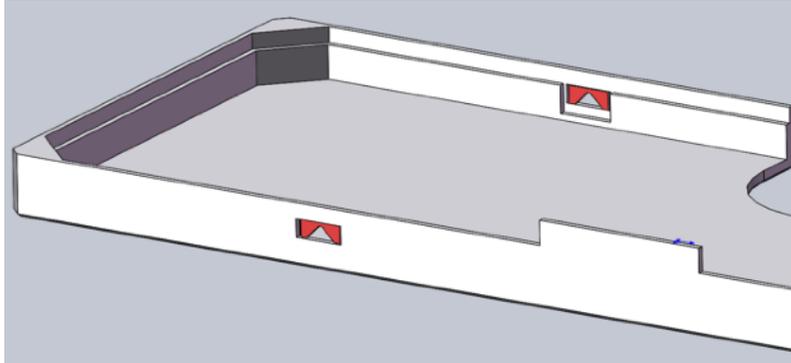
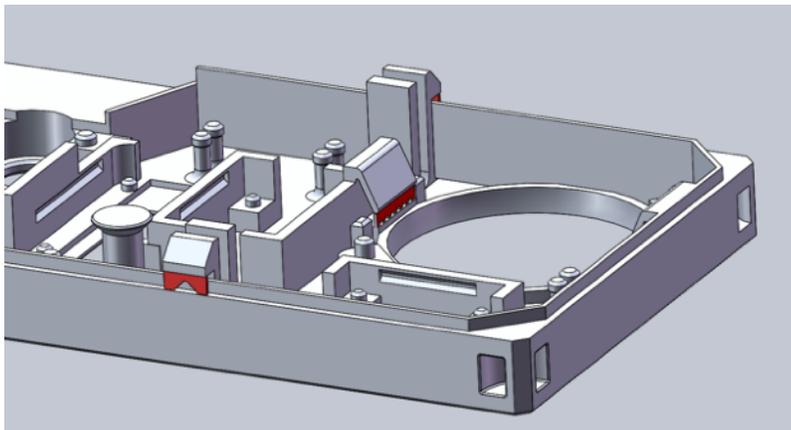


# Helio-STELLA Heliophysics Spectrometer Case Build Guide

1. Remove the sacrificial support material from the case back. 4 places. Examples shown in red.



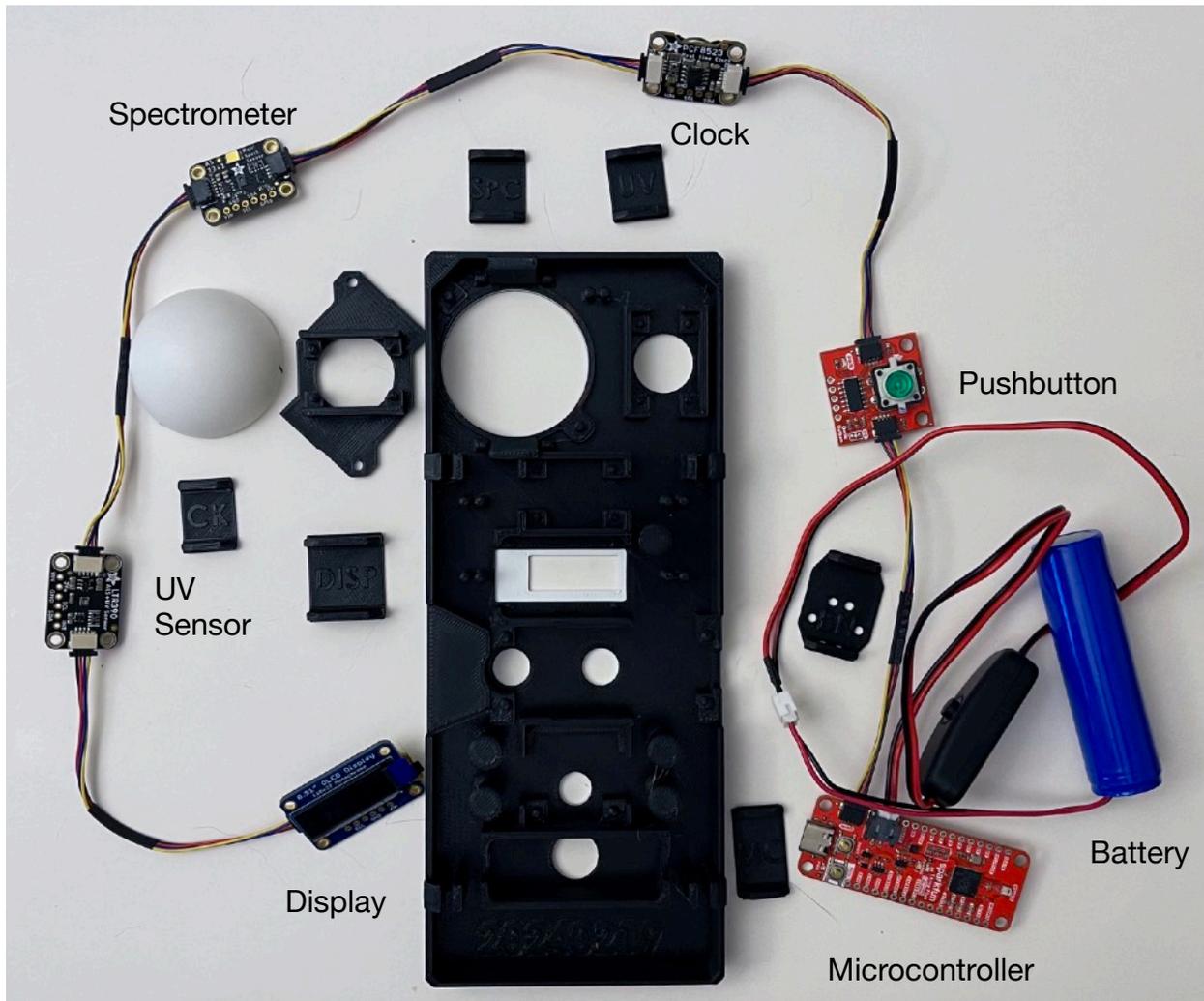
2. Remove the sacrificial support material from the case front. 6 places. Examples shown in red.



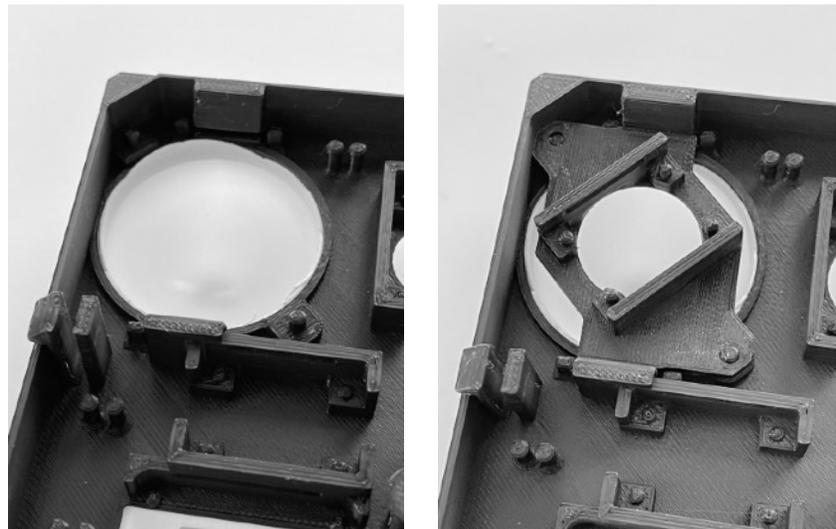
3. With a sharp knife, cut the circuit trace, the thin part between the two pads, labeled "LED" to disable the green led on the front of the spectrometer module.



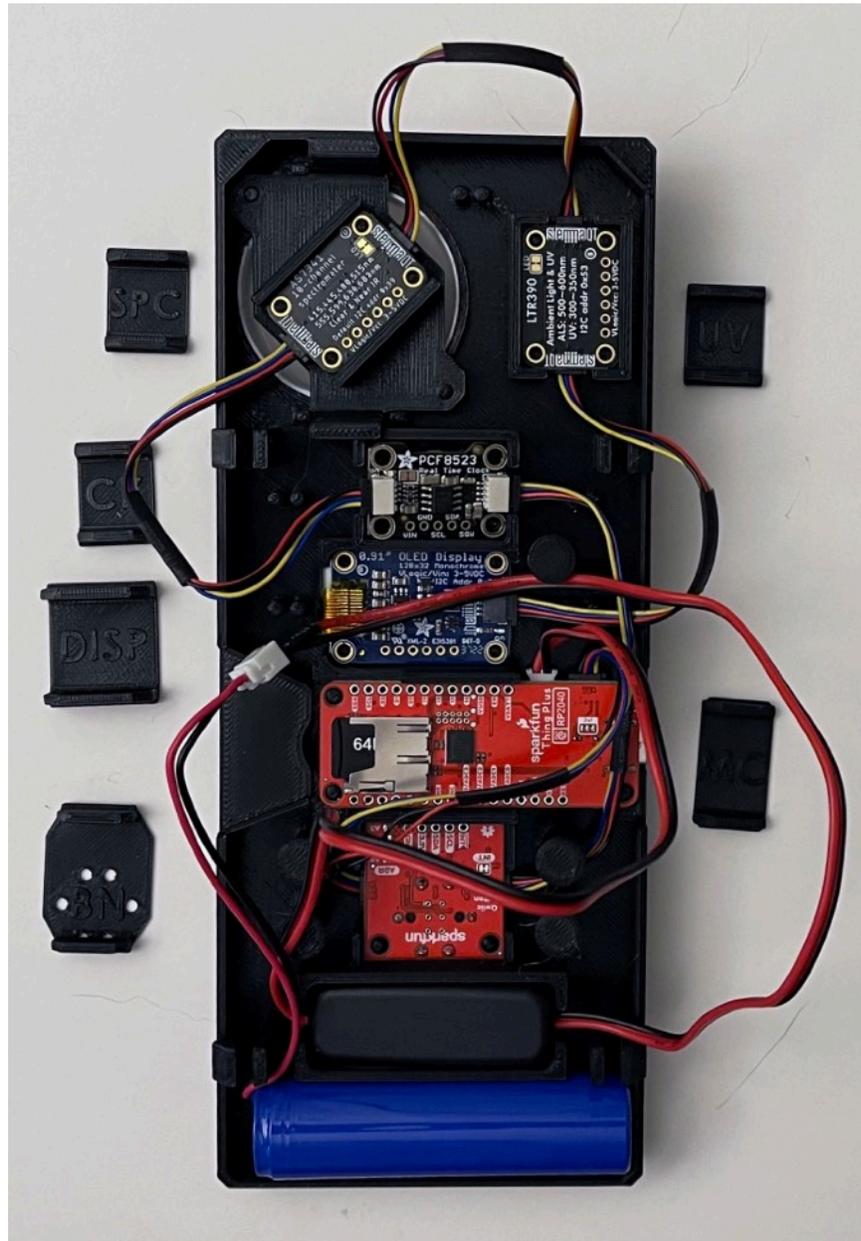
4. Connect the modules as shown. Cut the ping pong ball in half.



5. Insert the half ping pong ball into the recess in the upper case. Align the bracket that covers the half ball, and press it into place.



6. Align and insert the modules in the upper case.



7. Insert the retaining clips, referring to the labels to select the correct retainer for each location. Then dress the wires neatly into place using the wire routing posts.

SPC  
Spectrometer

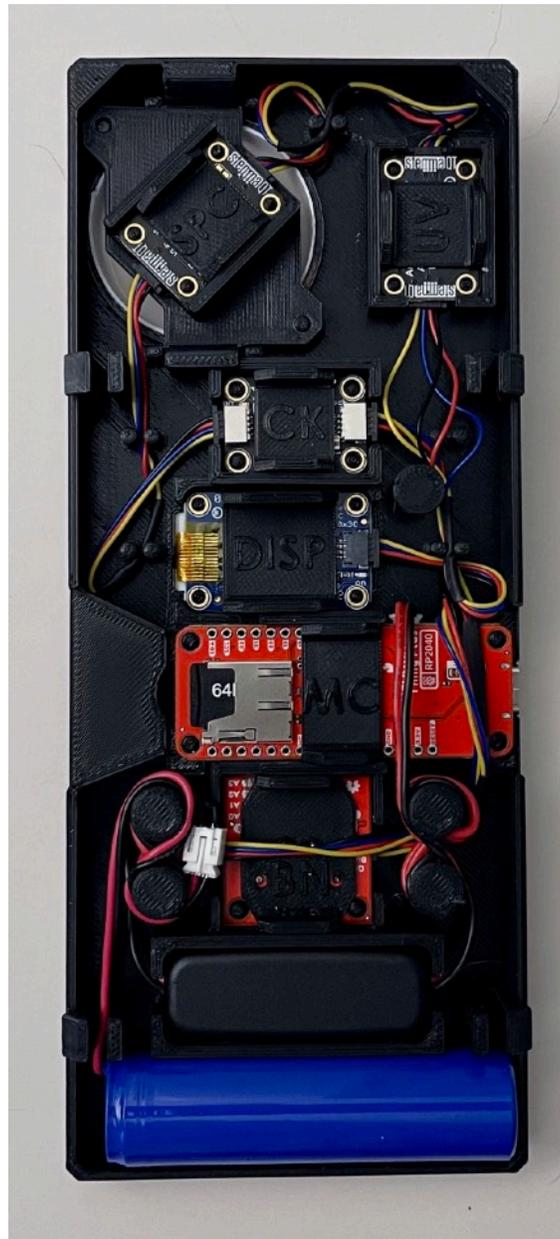
UV  
UV sensor

DISP  
Display

CK  
Clock

BN  
Pushbutton

MC  
Microcontroller



8. Press the two signal lamp covers into the holes on the front of the case.

