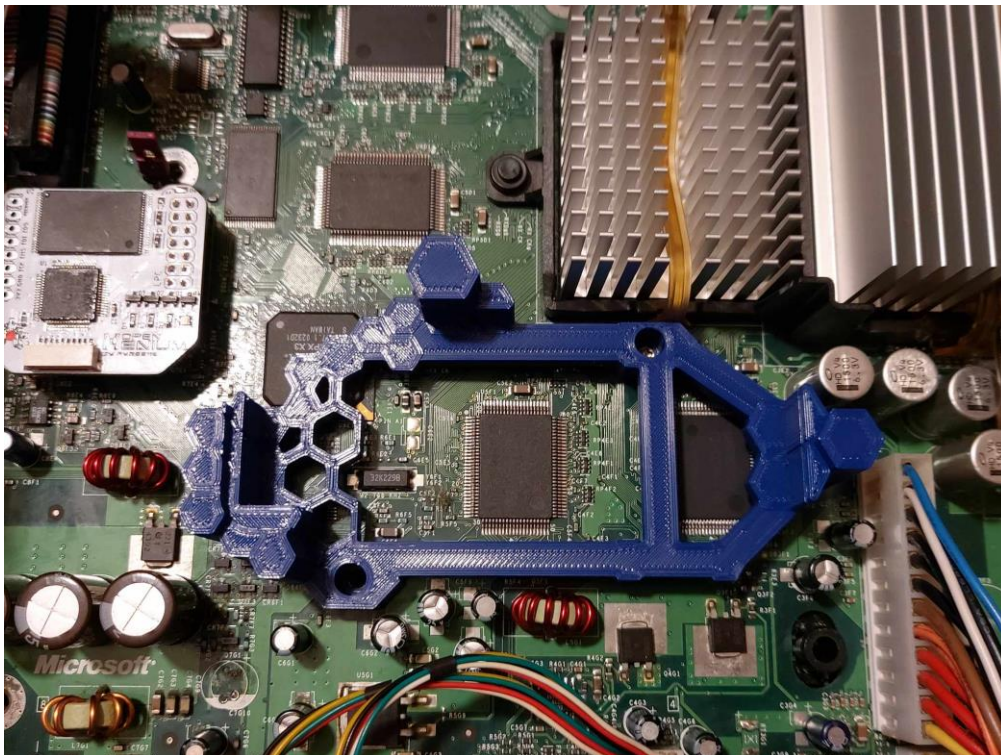
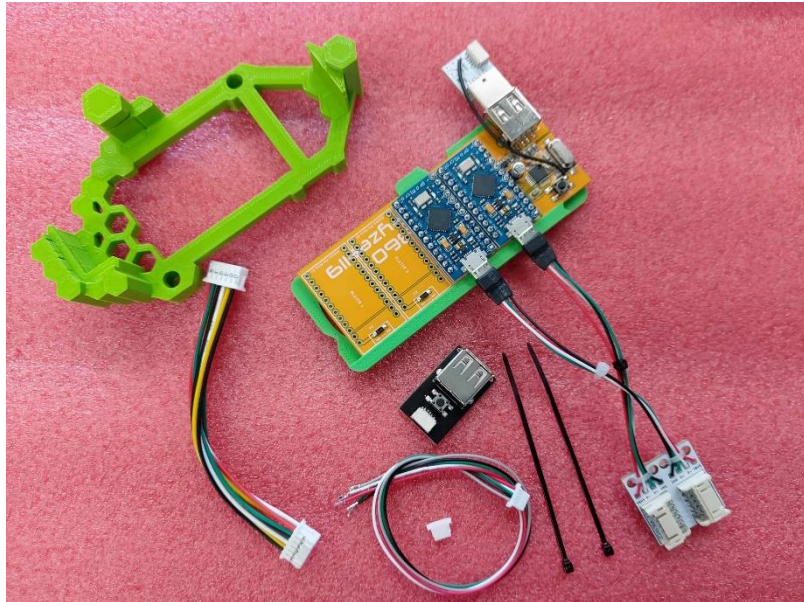
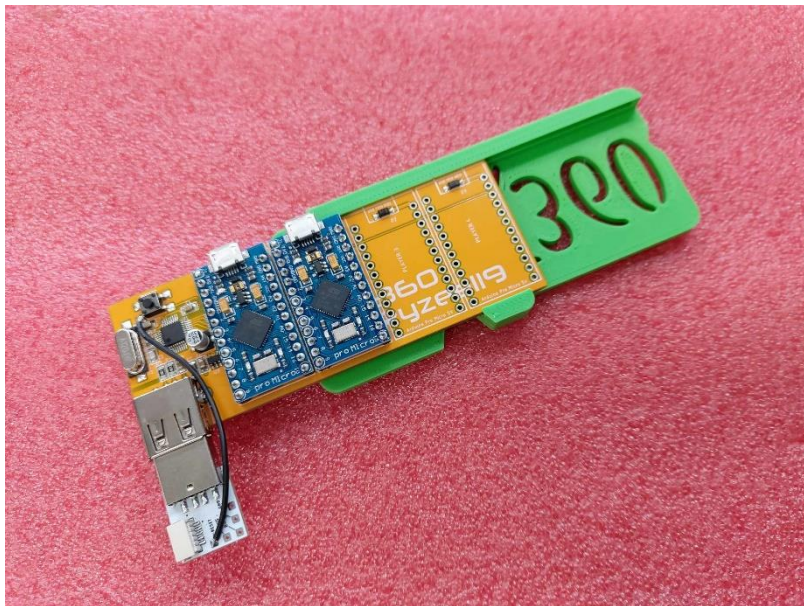


OGX 360 Internal Install – 2 players – by Ashley Sheriff

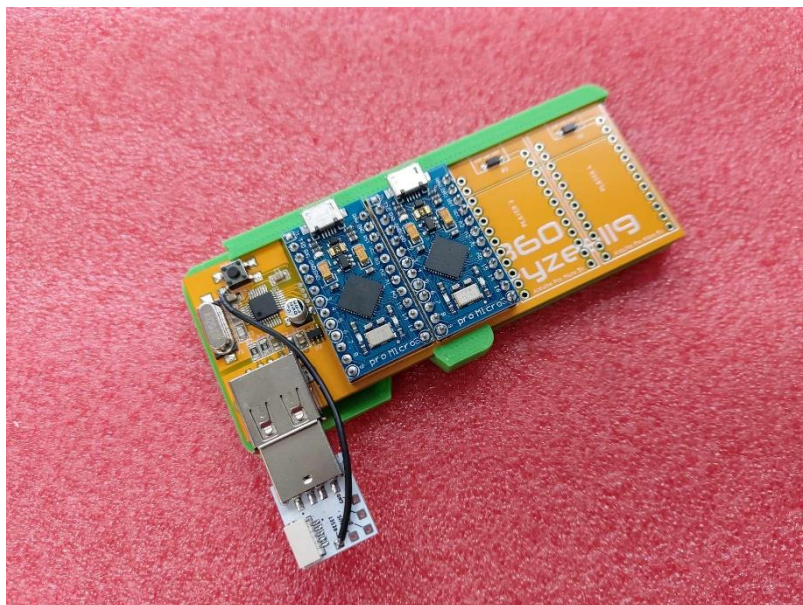
Firstly before I start I need to mention the two people who have made this project and install possible – Ryan Wendland for creating the OGX360 and Tim Kirkup for designing and sharing his related pcbs and 3d print files – Thank you both



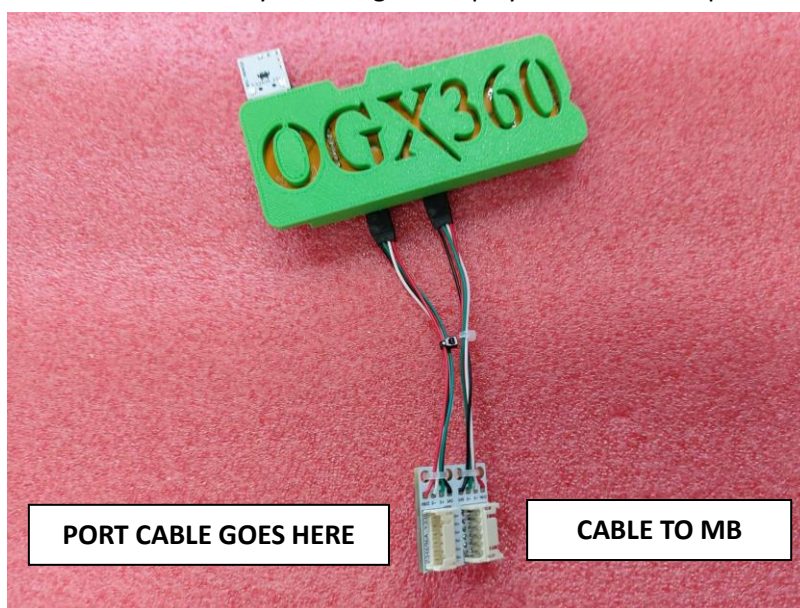
Start by fitting the 3d internal frame by securing using just one screw first labelled **A** – this makes getting the lid on easier in the next stage.

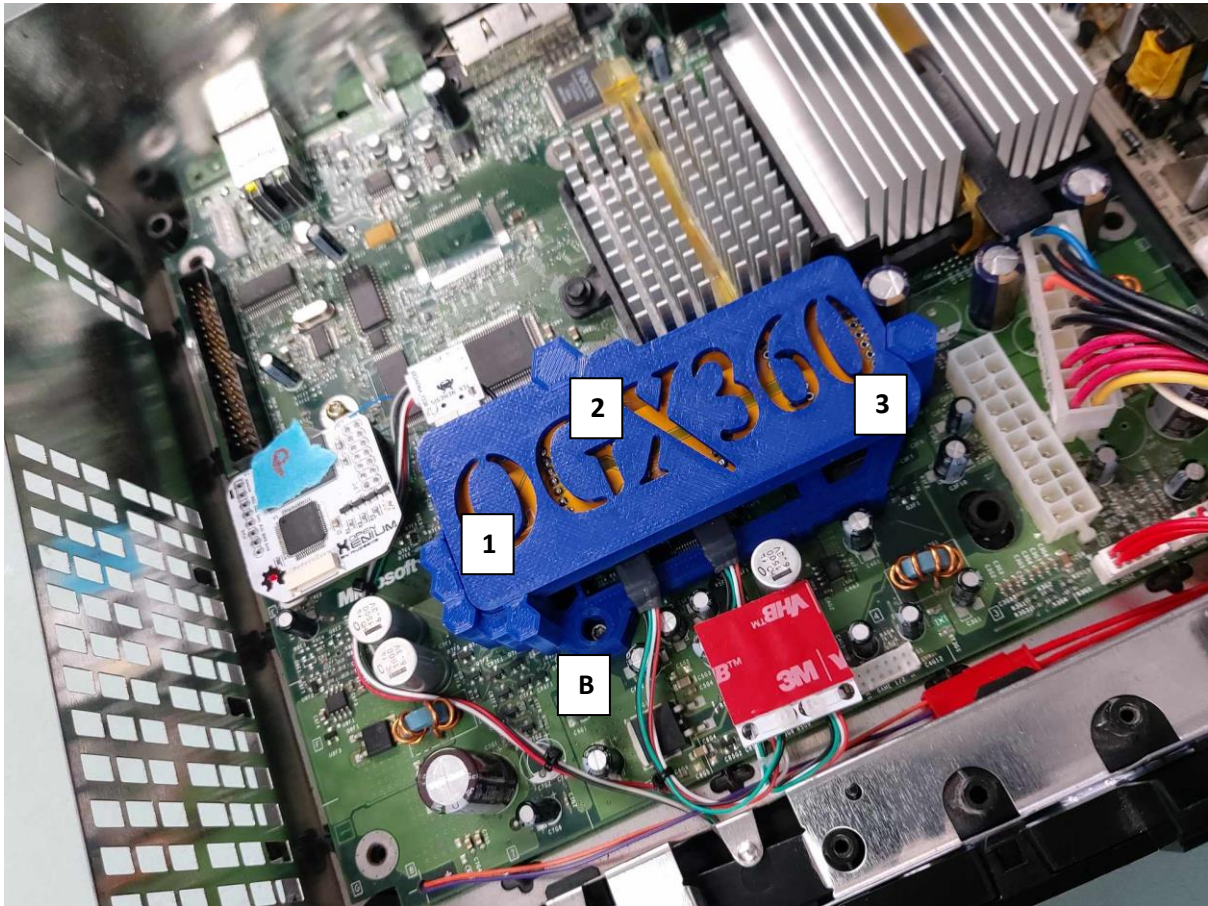


Slide pcb into channel of 3d printed lid



Slide all the way to the right – fit player one and two pcb





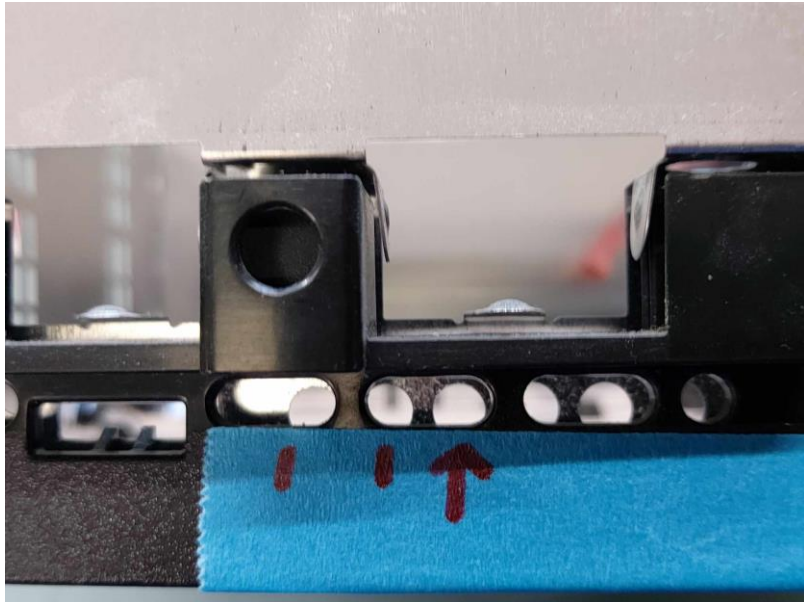
Flip lid over and manipulated into the channels on the 3d base frame starting with point 1 then into 2 And finally, 3 pulling the right hand post outward slightly to complete the final fit

Finally secure the whole assembly with second screw marked **B**

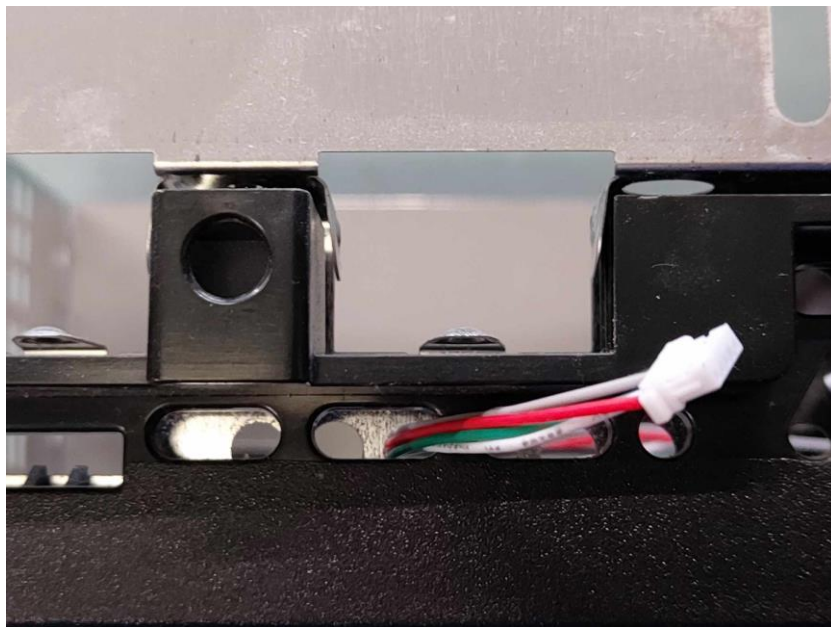
USB extender – I wanted something inconspicuous for adding the 8bit do dogle so made a custom pcb with usb socket reset switch and cable connector to sit underneath the front panel.



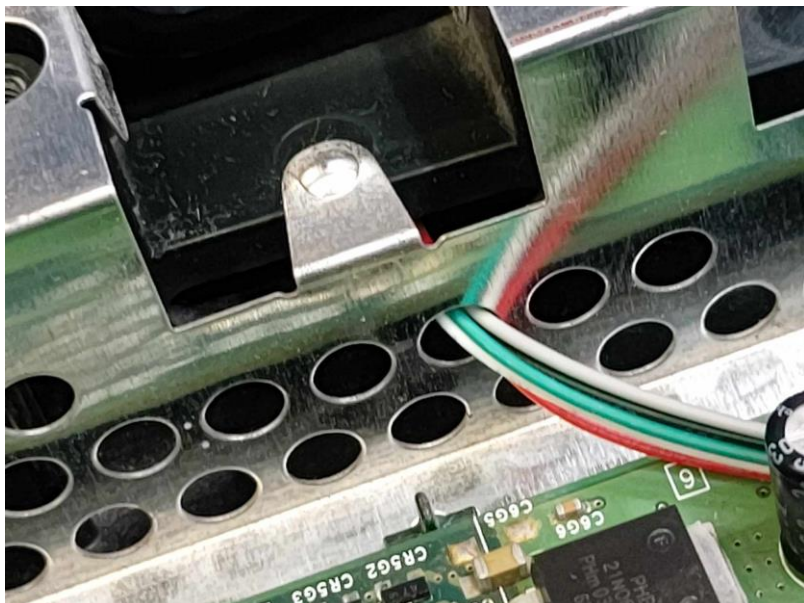
Extender pcb and custom cable – this attaches to the extension pcb on the OGX360 pcb

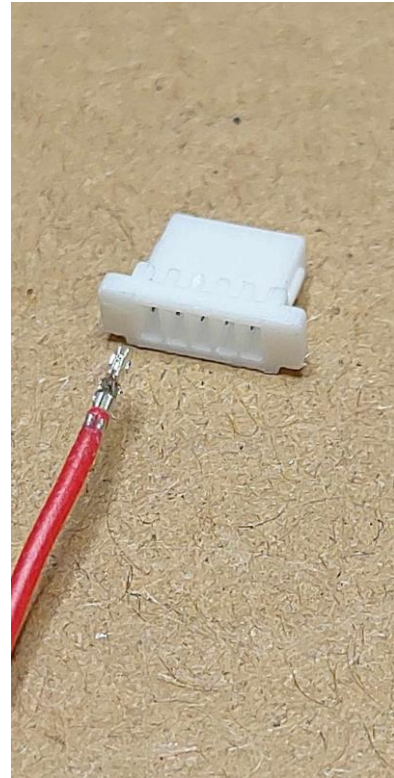


With front panel removed pass the crimps through the whole in the chassis and the faraday cage as shown above marked by the arrow



It should look something like this above and from the inside below



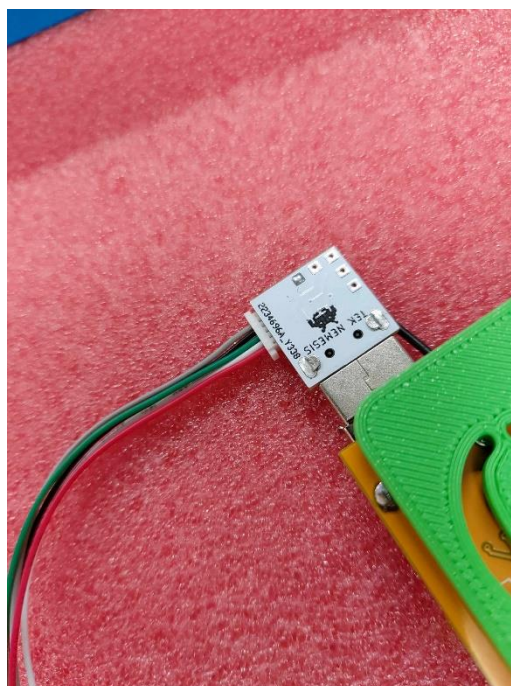


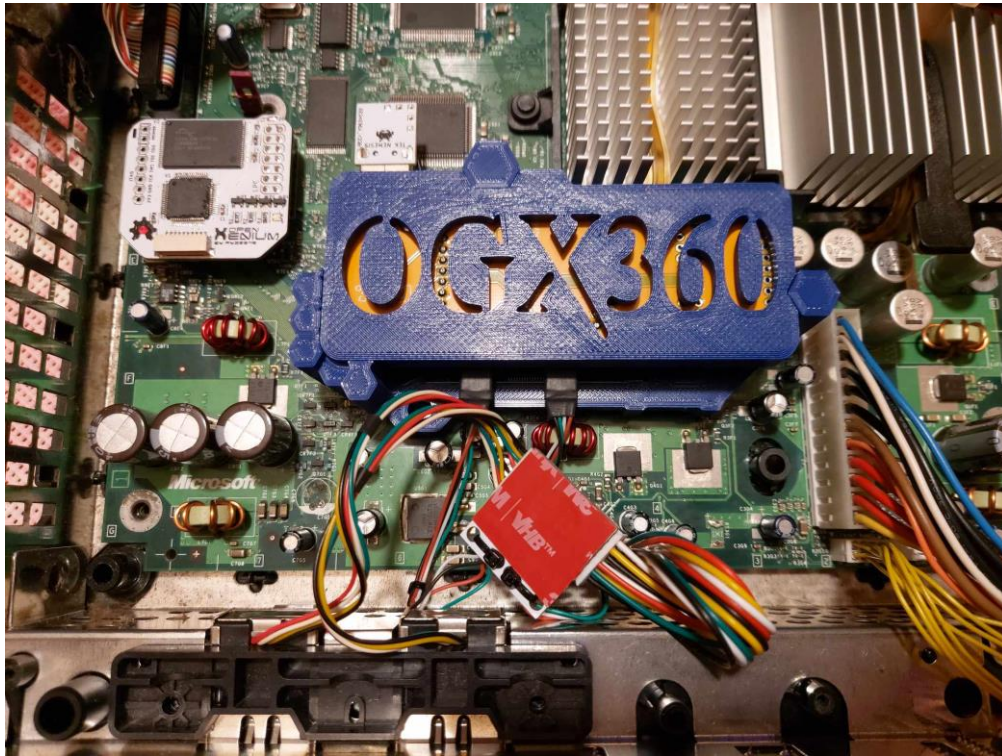
The crimped cable ends need housing into the supplied 5-way JST 1.00mm connector – the crimps need inserting the correct way up and order as shown in photo 2 and 3. It should look the same as the pre-assembled end as it is the same pin for pin





Offer the front panel to the chassis and pull out the end of the cable and pass through the vent hole as shown above – clip the front panel back onto the base – To line up the pcb best I push the dongle into the usb socket peel the self-adhesive film and line up as shown in the photo above and press down firmly – The other end of the cable plugs into the usb extension pcb on the OGX pcb as shown below –





Lastly connect port cable and connecting wire to the motherboard as shown above. I have kept the wiring as stock as the yellow wire is for light gun use. You never know someone may have this requirement. The foam tape is just to stop shorts on the port pcb, a 3d printed case is a little overkill for this IMHO.

All that is required now is to add your dongle of choice and start gaming. The reset button on the extender pcb is to reset the ogx360. Sometimes when connecting or swapping controllers dongles or controllers it can crash.

The general configuration for 8 Bit Do is player 1 for wireless and a wired controller in player 2. If using the 2 brown 8 bit Do dongles with a powered usb hub two player option is available (not tried this myself)

I have used XB1 1708 controllers and series X controllers on the Black version 2 adapter along with ps3, ps4 and ps5 and switch controllers and several generic Bluetooth controllers available on Ebay, Amazon and AliExpress. Likewise 8 bit Do dongles are widely available from these sources

Alternatively, you can connect and Xbox360 wireless hub for 2 player 360 controller support. Ebay is the easiest way to get hold of one of these.

Any questions feel free to email or text me ashleylad@talktalk.net 07541989331

