



The Controller Project

www.thecontrollerproject.com

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Challenge: Create a tripod mount to hold console controllers.

Per ISO 1222:2010, the current tripod bolt thread standard for attaching the camera calls for a **1/4-20 UNC or 3/8-16 UNC thread**. Most consumer cameras are fitted with 1/4-20 UNC threads.



Guidelines:

- Majority 3d printable or easily sourced materials (rubber band/paperclip etc)
- Non destructive - clip on
- Bonus if it looks good
- Final design MUST be released free online

inspiration/reference - feel free to modify/remix these

- Leg mount <https://www.printables.com/model/106934-the-helping-hand-leg-mounted-controller-holder> – note the two piece design, this would allow for different controllers
- Tall stand <https://www.printables.com/model/111049-modular-xbox-controller-adaptions>
- <https://www.printables.com/model/103432-nintendo-switch-pro-controller-print-in-place-stand> – note the use of rubber band to hold in place. This allows for less strict design shape

Thoughts and considerations

- The screen is ON the unit, so Akaki's approach to moving the whole thing isn't optimal. It'll do if we don't have any other brilliant ideas though.
- There are two touchpads on the front of the machine. Bonus points to anyone who designs a way to use those one handed
- It has a built in gyro for fine movements. This also could present a unique challenge
- Akaki's designs are great but sometimes present problems with being too tight to the design. A little more wiggle room in the design would be great