

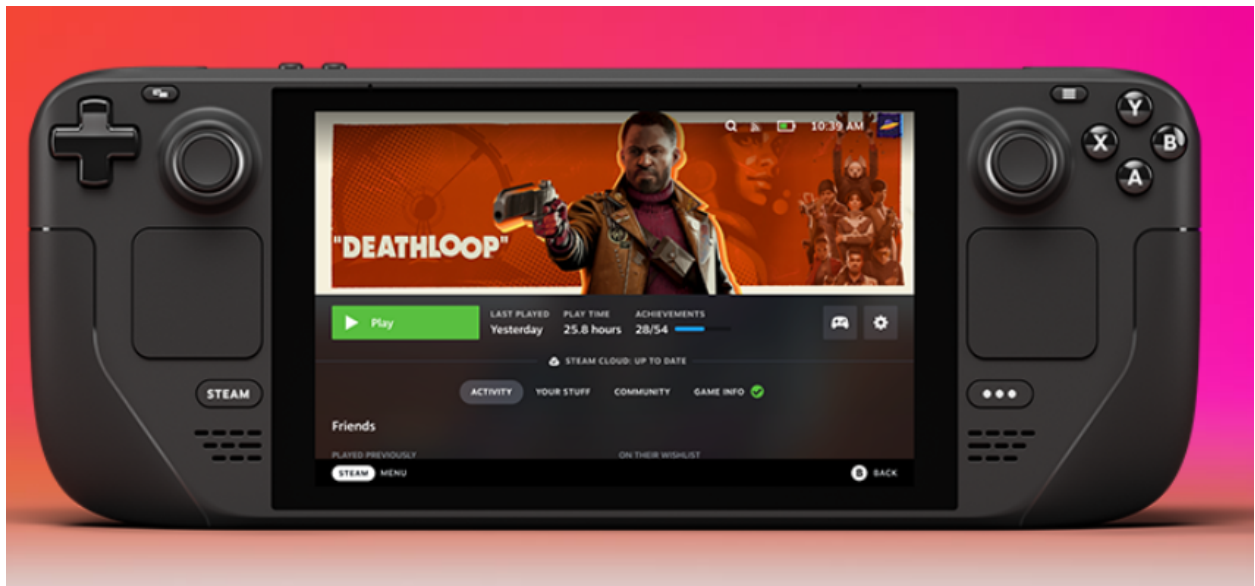


The Controller Project

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Challenge: design a fully single hand playable kit for the [Valve Steam Deck](#)



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

- Akaki Kuumeri's single hand controller:
<https://www.printables.com/model/126646-one-handed-dualshock-4>
- Steamdeck CAD files: <https://gitlab.steamos.cloud/SteamDeck/hardware>
- The library of random stuff:
<https://www.printables.com/social/77525-caleb-kraft/collections/104951>

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