



## Simple Storage Box for DJI Mavic Mini Spare Parts



fuchsr

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### Summary

Storage for rotors, controller knobs, etc.

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Tags: [dji](#) [djimavicmini](#)

I recently got a DJI Mavic Mini drone, with the Fly More combo. I don't need all the cables, replacement rotors, and spare controller knobs in the carrying case, so I built this simple box to store that stuff.

Design was very much influenced by [https://www.reddit.com/r/functionalprint/comments/fvqxf9/ive\\_been\\_making\\_cases\\_for\\_small\\_tools\\_with\\_parts](https://www.reddit.com/r/functionalprint/comments/fvqxf9/ive_been_making_cases_for_small_tools_with_parts) but I kept the walls smaller and added a built-in hinge mechanism.

It's a very simple and generic design and I have adapted the same design for other organizational purposes. The Fusion 360 file is included, to create remixes.

UPDATE: V2 - 4/29/20 Made the box a bit larger. Added small nubs on the side to provide a locking mechanism for the lid. Shrank the hinge nubs to make the lid easier to insert into the base.

If you like what I'm doing...  
...consider [buying me a coffee](#).



## Print instructions

**Supports:** No

**Resolution:** 0.2

**Infill:** 25%

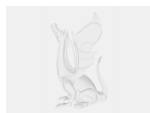
This came out fine for me without any supports despite the holes and the small nubs for the hinge mechanism. Your mileage may vary based on how well your printer is tuned. Print the lid with the text facing DOWN.

Push the pin on one side of the lid into its corresponding hole in the base, then slide the other one along the raised edge of the other side until it "clicks" in place.

## Model files



**base.stl**



**box\_for\_mavic\_mini\_parts\_-\_locking\_nubs.f3d**



**lid.stl**

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