



Wemax Dice portable Projector any angle Stand

i iExitus

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Summary

I remixed the Laptop stand to fit my portable projector. The goal was to be able to point the projector at the ceiling.

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I remixed the "Cog Laptop Stand - Adjustable angle" from @cq_15273 to fit my portable projector (Wemax Dice).

I wanted to be able to point the projector at an angle to the ceiling in my bedroom so I can watch content while laying on my back. Because of the cables coming out on the back of the projector I was unable to get a stable stand so I was looking for a solution. I stumbled across the adjustable Laptop stand and thought of adapting it to my use case.

The projector can be screwed in place with a tripod screw to the existing 1/4" screw hole in the bottom of the projector. At the back there is a cutout for all the possible cables coming through. Thanks to the design from @cq_15273 the projector can then be mounted at "any" given angle - up to the ceiling or even some degree downwards. For better printability I

designed the part in two pieces that can be friction fitted/glued together. The base is exactly kept from the original design.

Edit: I added a file for the feet which combines both of them. It's way easier to position the projector on the stand now.

It's my first bigger project with Fusion360 and I'm just learning. So if you have any questions or critique I'm happy to hear from you. Still pretty happy how it turned out because it works awesome.

Small video of my usecase:

https://drive.google.com/file/d/1NwYCb_96tnZV4NPo9l13KjY7Bf6PY9sl/view?usp=drivesdk

This remix is based on



Cog Laptop Stand - Adjustable angle

by cq

Model files



dicestand-pins.stl

☐ Part 1



dicestand-holes.stl

☐ Part 2



coglaptopstandbasev2.stl

☐ original stand file



dicestand-base.stl

☐ Stand file together

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