

Rotating Display table



Basement Creations

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Summary

This is my design of rotating display table. It is quite useful if you want to make your recordings of stationary...

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Tags: [arduino](#) [displaystand](#) [steppermotor](#) [28byj48](#)
[rotatingplatform](#) [rotatingtable](#)

This is my design of rotating display table. It is quite useful if you want to make your recordings of stationary objects more interesting to watch. Overall this design works pretty well and I have already made a lot of nice shots with it, however those 3 bearings on the sides for some reason create noise and vibration while the top plate is rotating. So I just unmounted them and it works even better than before on just one central bearing.

Parts list

- Arduino
- 28byj-48 Stepper motor
- Stepper motor driver

-5V power supply

-4x 608 Bearing(8x22x7mm)

-2 screws to mount the motor

-On/Off switch

Video about this design https://youtu.be/rHdpvRd__8I

Video in which I used a lot of clips recorded with this display table <https://www.youtube.com/watch?v=h4G57Imf0aQ>.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3

Rafts:

No

Supports:

No

Resolution:

200

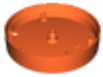
Infill:

12

Filament: PolyMaker PLA

Category: Hobby

Model files



base.stl



top_plate.stl



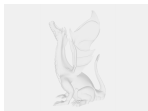
pin.stl



motor_gear.stl



rotating_display_table.step



rotating_display_table.f3d

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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