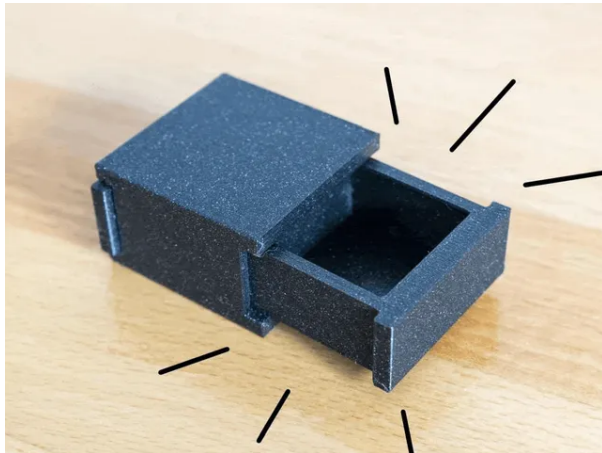




Magic Box Updated V2



Dain

[VIEW IN BROWSER](#)

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Summary

A tiny magical box with a simple double-drawer mechanism that makes small objects disappear in an instant.



1.22 hrs



2 pcs



0.20 mm



0.40 mm



PLA



18 g



Prusa MINI /
MINI+

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Tags: [box](#) [magic](#) [mystery](#) [trick](#) [illusion](#) [disappearing](#)

Update - new version

Thanks to your feedback, I have prepared an updated and improved **V2**. There are quite a few changes, so you can find more details below.

<https://www.youtube.com/watch?v=yKxxBoSioQE>

I would like to thank everyone for your suggestions and for reporting the problems you encountered. Your feedback helps me make decisions and prioritize improvements. This is my first project where I am fully embracing this kind of community collaboration, and I am really happy with how it has turned out.

look forward to hearing more of your feedback and suggestions for future improvements. You guys are great!

Magic Box

A tiny magical box with a clever double-drawer mechanism that allows you to make small objects seemingly disappear in an instant.

Place a small object inside, say the proper spell, and perform your little trick!

Printing

- Quick and easy to print
- PLA recommended
- The outer box **A** requires a few tiny supports. See the attached file for the recommended support placement.

Assembly

The Magic Box consists of just **4 parts** and is very simple to assemble.

1. Insert part B (**the slider**) into the outer box **A**.
 - **Pay attention to the orientation.**
 - The rails on part **A** must face **upwards**.
 - The hook on part **B** must also face **upwards**.
2. Insert parts **C and D** into each other.
 - **C** is the actual drawer.
 - **D** is the hidden/fake drawer.
3. Insert the assembled **C + D** unit into the prepared outer box **A** at a slight angle. Apply a little pressure until it clicks securely into place.

That's it! Your Magic Box is ready.

Now find a small object, place it inside, say the appropriate spell, and make it disappear.

<https://www.youtube.com/watch?v=NXFL0oDlx2o>

Tips for performing

1. **Use a heavier object disappear** (such as a die or a small piece of metal). Avoid using just a small piece of paper. The additional weight helps prevent the two drawers from bad shifting apart when the box is opened.
2. **Keep the box slightly tilted towards the audience.**
This again helps prevent unwanted movement when

revealing the object in the open position, and it also makes less possible for the audience to see inside box.

V2

Changelog

- Despite numerous changes, the **outer dimensions of the box remain unchanged.**
- The **outer drawer has been shortened** to prevent the inner drawer from falling out and to allow the inner drawer to rest on the new support ledge inside the part A
- The **outer drawer has been widened by 0.25 mm** to make the fit tighter and the movement more secure. The **inner drawer has been widened accordingly.**
- Both drawers have thinner bottom part now, faster print and less suspicious thickness
- The **inner drawer has been extended at the expense of the front face of the outer drawer.** This helps prevent the inner drawer from falling out when fully opened.
- The **slider has been redesigned.** The glide plates are **0.2 mm thinner** to allow the slider to move more freely.
- **Part A** has **0.1 mm shorter guide rails**, making it less likely for the outer drawer to fall out.
- **Part A** also features a new addition — a small **support ledge** that supports the inner drawer from inside when the outer drawer is extended.

Bigger Magic Box

Alongside the updated original version, I am also working on **larger version of the Magic Box**, designed to fit a standard-sized die.

More videos

<https://www.youtube.com/watch?v=rtm3AugCqoo>

Model files



V2 - actual

2 files



print-magic-box-v2.stl



project-slicer-print-magic-box-v2.3mf



V1 - old

3 files



old-project-slicer-print-magic-box-v1.3mf



old-not-for-print-assembled-magic-box-v1.stl

☐ Not for printing!



old-print-magic-box-v1.stl

Print files



V2 - actual

1 file



project-slicer-print-magic-box-v2_04n_02mm_pla_mini... .bgcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.22 hrs ⚖️ 18 g 🖨️ Prusa MINI / MINI+



V1 -old

1 file



old-print-magic-box_04n_02mm_pla_miniis_1h14m-v1.bgcode

PLA 0.40 mm 0.20 mm 1.23 hrs 19 g Prusa MINI / MINI+

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