



Original Prusa Hinged LCD for Ikea LACK enclosure



Vale

[VIEW IN BROWSER](#)

updated 15. 4. 2023 | published 15. 4. 2023

Summary

A hinged version for the Prusa i3 MK3/s/+ LCD to be mounted under a table



6.30 hrs



1 pcs



0.20 mm



0.40 mm



PLA



71 g



Prusa
MK3/S/S+

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To install this, you need some 3x20 wood screws, superglue and eight 7x4x2mm neodymium magnets to be glued on the parts, for example these: <https://www.ebay.de/itm/170644683283?hash=item27bb373a13:g:qfoAAOSwqBZgC04y>.

Print Instruction:

Necessary:

- 1x LCD Cover (either original or switch version)
- 2x Magnet Front
- 2x Magnet Back
- 1x Hinge 1
- 1x Hinge 2

Optional:

- Backplate (either original or switch version)

No supports needed.

Installation Instruction:

First glue all the magnets in place. Be sure to glue them on the right way, else they won't attract each other!

If glued on the wrong way, take a paper towel and soak it a little in acetone. If you don't get it out or off with that, cut the magnet free carefully and print a new part. Also, be careful to not let the magnets snap together freely on your table, else they might get damaged!!

After all magnets are installed, go to your table where you want to install it with pencil, doublesided tape and something to measure with. Best to lay your table upside down.

Measure out the position where you want your LCD to be and make mark lines on both sides of your LCD. Put some double sided tape on the "Hinge 1/2" parts and tape them on the line, the holeless side flush to the edge of the table. Screw each part down with one screw. Careful to not overtighten, else the part might split.

Next attach the "Magnet Back" parts to your LCD, put double sided tape on it and swing it back. Now you have the precise position to screw the back parts down.

Do the same with the "Magnet Front" parts and you are done!

If there are any questions then you can ask me here or reddit: u/Vale_Panzer

Model files



STL

8 files



magnet-back.stl



lcd-magnet-remix.stl



original-cover-hinged.stl



backplate-original.stl



backplate-v2-switches.stl



magnet-front.stl



hinge-2.stl



hinge-1.stl



3mf

8 files



hinge-2.3mf



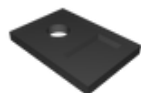
lcd-magnet-remix.3mf



magnet-back.3mf



hinge-1.3mf



magnet-front.3mf



backplate-v2-switches.3mf



backplate-original.3mf



original-cover-hinged.3mf

Print files



hinged-lcd-full_02mm_pla_mk3s_6h18m.gcode

PLA 0.40 mm 0.20 mm 6.30 hrs 71 g Prusa MK3/S/S+

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