Lack Enclosure Leg Bracket V2

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VIEW IN BROWSER

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Summary

New and improved! This version no longer needs supports for printing.

3D Printers > Accessories

Tags: table shelf enclosure lack bracket

New and improved!

This version no longer needs supports for printing. It's slightly smaller than the original V1 bracket I uploaded and uses about 20% less material, but it's designed for the same level of rigidity.

I've included several different screw hole sizes, so choose the appropriate size for your screws. Also be aware that scaling the model in your slicer will also scale the screw holes, so if you scale it up or down, you may find that your screws don't fit anymore.

I added more screw holes to make the design more versatile. Feel free to use it for enclosures, tables, shelves, or anything else you can think of. I would love to see how you make use of this design and I'm open to suggestions for changes.

The whole bracket comes out to around 40 grams of material when printed in PLA.

Print instructions

Recommend printing with 4 perimeters. Most of the structure will only print with 2 because it's a thin design, but the corners may need the extra support that extra perimeters would provide.

I also recommend a rigid material for added stiffness. I used PLA in mine. Though even PETG comes out stiffer than you would expect.

Model files

enclosure-bracket-improved-final-v2-3mm-holes.stl

enclosure-bracket-improved-final-v2-4mm-holes.stl

enclosure-bracket-improved-final-v2-5mm-holes.stl

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