



## Safe for IKEA Kallax 335mmx335mm

 Joe

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## Summary

This is a working 3 digit combination safe box to keep your important stuff protected in a IKEA Kallax shelf.

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Tags: [shelf](#) [ikea](#) [safe](#)

Safe thats fits in the popular “Kallax” shelf from Ikea

A Remix from the Safe from @Hugo

<https://www.printables.com/de/model/259699-safe-box-3-digit-combination/comments/1244484>

With the Dial from @Mikael\_131119

<https://www.printables.com/de/model/397712-safe-dial-with-additional-middle-marks>

And thanks to @Oxmstr for the idea with the reduced walls!

It is only the front of the safe, because mostly the shelf is put at the wall so the backside is closed anyway.

I made the parts with a depth of about 9cm. Drill holes included for 4mm and 6mm.

**Print the originals in 200%**

**Print the “Kallax\_Safe” Files as they are (100%)**

I printed it on a Sunlu S8 Pro with a 310x310mm bed.

Infill: Backplate 8%; Walls 10%, Knob 20% (because of Carbon-Bubbles);  
Dial 15%

White Filament PLA mostly from “Das Filament” but also Sunlu

Carbon Filament PLA from Sunlu

**The Front Plate should not be printed in a very high solution because there could be a thin step then. (It took me hours to find out, reason seems the diagonal shape from the original file)**

**I always use a third spacer with all my safes, be sure you glue the axle at the backplates**

For Assembly refer to the Original from @Hugo

Made for J. to keep his NinjaGo cards safe from his little brother :)

## This remix is based on



**Safe box - 3 digit combination**

by Hugo



**Safe Dial with additional middle marks**

by Mikael

## Model files

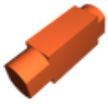


**Originals\_Enlarge to 200 Percent**

18 files



**back\_plate.stl**



**axle\_2.stl**



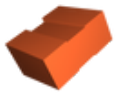
**latch.stl**



**latch\_guide\_short.stl**



**pin\_disk\_1.stl**



**pin\_disk\_2.stl**



**disk\_1.stl**



**disk\_3.stl**



**disk\_2.stl**



**spacer\_2.stl**



**latch\_guide\_tall.stl**

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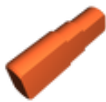
**safe\_dial\_modified\_mikael\_131119.stl**

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**lever.stl**

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**axle\_1.stl**

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**spacer\_3\_i-recommend.stl**

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**knob.stl**

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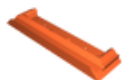
**pin\_disk\_3.stl**

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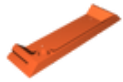
**spacer\_1.stl**

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**safe\_kallax\_left-pivot-wall-final1.stl**

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**kallax\_safe\_wall-bottom\_reduced-final1.stl**

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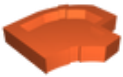
**kallax\_safe-\_frontplate-beta\_print-low-res.stl**

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**kallax\_safe\_y\_spare\_bottom-final1.stl**

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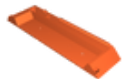
**kallax\_safe\_y\_spare\_top-final1.stl**

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**kallax\_safe\_pivot\_top\_equalized-final1.stl**

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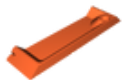
**safe\_kallax\_right-latch-wall\_final1.stl**

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**kallax\_safe\_pivot\_bottom\_equalized-final1.stl**

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**kallax\_safe\_wall\_ceiling-final1.stl**

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