



Modular Key hanger - Parametric Text - No MMU - V1



Olo Deepdelver

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Summary

I was tasked by an airbnb [wannabe] overlord to create an extendable key organiser system. Not sure he likes the result!

[Hobby & Makers](#) > [Organizers](#)

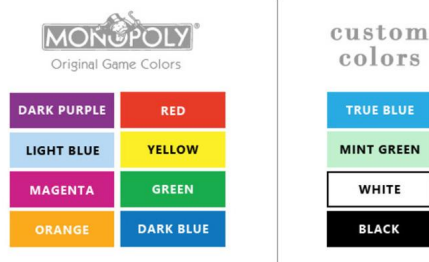
Tags: [organizer](#) [wall](#) [organiser](#) [hanger](#) [modular](#) [keyholder](#) [keychain](#) [key](#) [keycap](#) [keyboard](#) [keyring](#) [keys](#) [monopoly](#) [wallhanger](#) [keychains](#) [organisation](#) [modularmount](#) [monopolygame](#) [monopolyholder](#) [keyhanger](#) [keyorganizer](#) [keyhangboard](#) [modularmountsystem](#) [modularmounting](#) [keyhangers](#) [modularity](#) [monopolyorganizer](#)

I was tasked by an airbnb [wannabe] overlord to create an extendable key organiser system. I went full monopoly style, not sure he likes the result!

About the design:

- Heavily inspired by the monopoly game board !

- **Extendable tile system** ! You can start your key empire as a key-peasant and expend it all the way to Lord-of-the-Keys
- No screw visible from the face of the key organizer
- Choose your favorite colors from childhood (see palette below ^^)



How to Print:

- **No MMU needed**, just add color changes at the right heights
- **No support**
- Optimised for **0.6mm nozzle** (with latest slicer: arachne enable)
- **Tile and keychains** to print **@0.2mm layers** the other elements can be print @0.3mm layer
- **Keychain text is parametric** in the freecad file (requires basic knowledge - see picture/screenshot)
- Joins length are parametric too: input tile length in the freecad file (see last picture/screenshot)
 - UP join: input number of tile
 - DOWN join: input number of tile - 0.5
 - Print as many triangle as you want
- Hardware:
 - **Keyrings 25mm** will work best (do not touch the wall)
 - **Screws:** I used a combination of
 - 2.5mm diam *10mm length (5mm diam head)
 - 2.5mm diam *15mm length (5mm diam head)

If you can't work on the Freecad file, I'll be happy to add keychains text variations. Ask me !

Please share your makes! <3

Have fun!

Model files



Keychains - add colors swaps in your slicer (see picture)

7 files



monop_keychain_v6_urtxt.stl

☐ If you can't work on the Freecad file, I'll be happy to add keychains text variations. Ask me !



monop_keychain_v6_rbnb1.stl

☐ If you can't work on the Freecad file, I'll be happy to add keychains text variations. Ask me !



monop_keychain_v6_c1.stl

☐ If you can't work on the Freecad file, I'll be happy to add keychains text variations. Ask me !



monop_keychain_v6_c2.stl

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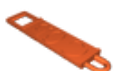
monop_keychain_v6_c3.stl

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monop_keychain_v6_c4.stl

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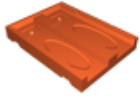
monop_keychain_v6_c5.stl

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Tiles and Houses

3 files



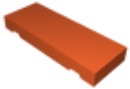
monop_case_v3.stl

☐ add colors swaps in your slicer (see picture)



monop_house_v3.stl

☐ Print Green for House or Red for Hotel. Or any color who cares ^^



monop_spacer_v2.stl

☐ no color swap needed



Joins

20 files



monop_triangle_v4.stl



monop_triangle_variation1.stl

☐ A variation of the triangle - not recommended ^^



monop_joinery_x1_v2.stl



monop_joinery_x15_v2.stl



monop_joinery_x2_v2.stl



monop_joinery_x25_v2.stl



monop_joinery_x3_v2.stl



monop_joinery_x35_v2.stl



monop_joinery_x4_v2.stl



monop_joinery_x5_v2.stl



monop_joinery_x55_v2.stl



monop_joinery_x6_v2.stl








monop_joinery_x65_v2.stl





monop_joinery_x7_v2.stl



monop_joinery_x75_v2.stl

	monop_joinery_x8_v2.stl
	monop_joinery_x85_v2.stl
	monop_joinery_x9_v2.stl
	monop_joinery_x95_v2.stl
	monop_joinery_x10_v2.stl

	FreeCAD file	1 file
	monopoly_keychain.fcstd	

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