

Bird house

Didier

VIEW IN BROWSER

updated 24. 2. 2024 | published 24. 2. 2024

Summary

Wanted a bird house easy to install which could have an organic feel. Made the base removable if ever we need to clean...

Household > Outdoor & Garden

Tags: birdhouse thingiverse

Wanted a bird house easy to install which could have an organic feel. Made the base removable if ever we need to clean it. I had some fun playing with the spline to build various form and could not establish which one is the most interesting so I have uploaded a couple.

That is build to not require any support. The hole is 30 mm to attract mostly small birds. The hole in the top is build to slide a cord into it.

Technically the bases is the same for all design but just for simplicity I have uploaded one per.

2022-05-10 modified the design for the main one to incorporate feedbacks.

- Added a slot in the bottom to add fixing the base to the top
- Reduce friction by increasing the gap for the filet between the top and the base to 0.2 mm instead of 0.1 mm

- Add bigger flat in the top hole to make it more robust and better seat washer if someone it that for fixing the rope
- Added the small top over the hold to prevent rain from getting in the bird house.

2022-05-14

- Reduce the size of the base to simplify assembling pieces.
- Also added a version B with a different form and single piece since adding the cord is not that hard so the removal base is not that useful
    - In that new design I added vent holes after reading more on bird house.
    - Also make it less wide to save on print time and material.

2023-07-29

- Created a new base with a bigger space to make it less fit one removing 1.1 mm and one 1.8 mm.
- Exported in 3MF instead of OBJ
- Exported both the version with and without the small wimsy roof

2024-02-23

- Exporting again the base since there might be an issue with the version. Each are to accomodate issue with printer tolerance. I used the -0.8 mm for my version.
- The -0.4 should be the best fit but require the printer and materiel to not shrink to fit.
- The -1.1 are -1.8 are removing 1.8 mm which are not recommended and you might end up gluing the piece. But if you print are shrinking a lot that could help

Print Settings

Printer Brand:

Prusa

Printer:

Mk3

Rafts:

No

Supports:

No

Resolution:

200

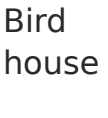
Infill:

38

Filament:
PolyMaker PETG

Category: Outdoor & Garden

This remix is based on



Bird house
by didiertremblay

Model files



cabanne-bv2.3mf



cabanne-bv2-haut.3mf



cabanne-av2-haut.3mf



cabanne-av2-toit.3mf



cabanne_a5_-_haut.stl



cabanne-bv2.obj



cabanne-av2-hautnoroof.obj



cabanne-bv2-hautnoroof.obj



cabanne_a4_-_haut.stl



cabanne-av2-base-04mm-very-tight-not-recommended.3mf



cabanne-av2-base-08mm.3mf

Find source .stl files on Thingiverse.com

License

This work is licensed under a
Creative Commons (4.0 International License)

Attribution

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✔ | Commercial Use
✔ | Free Cultural Works
✔ | Meets Open Definition