Printables by JOSEF PRUSA



Hinged lid for adding MMU2S to Original Prusa Enclosure

Prusa Research

VIEW IN BROWSER

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Summary

Printable accessory, providing access to the printer and MMU from the top. Designed for the Original Prusa Enclosure.

8.53 hrs	2 pcs	0.30 mm	0.40 mm	PET	164 g	Prusa MK3/S/S+

3D Printers > Accessories

Tags: mmu enclosure mmu2s mmu2 accessories originalprusaenclosure

Printable accessory for Original Prusa Enclosure developed to enable access from the top. Can be used for a standalone printer or for a printer with a multi-material unit on the frame.

Check the step-by-step guide on how to install the Hinged lid.

In case you want to use the Hinged Lid without the MMU you can use Hinged-Lid-Complete_0.3mm_PETG_MK3S_5h58m.gcode or you can turn off MMU-grommet in the 3mf file

In case you want to use the Hinged Lid with Advanced Filtration System you need to print Hinge-bracket-Rt instead of Hinge-bracket-R

To mount the Hinged lid you will need the following fasteners*:

- M3x8 screw (15x)
- M3nS nut (1x)
- M3 nut (8x)
- Pin 3x20 (2x)

* The package of the Original Prusa Enclosure includes extra fasteners, which were added in case you wanted to install the Hinged Lid.

Print instructions

You have three options:

- use the pre-sliced G-code and print it on your MK3S+
- use .3mf file for accurate setting of perimeters and supports
- download the latest PrusaSlicer and use the following settings**:
    - print settings: 0.30mm DRAFT
    - filament: PETG (tested on Prusament)
    - 20% grid infill
    - minimum of 8 perimeters
    - turn on thin wall detection

** Note that this setting is the minimum possible due to the strength of the parts, but you can experiment with your own settings.

Model files

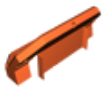
Complete 3mf 1 file



hinged-lid-complete.3mf

STL files

9 files



lid-handle.stl

Print 1 pc



hinge-bracket-r.stl

Print 1 pc



hinge-bracket-l.stl

Print 1 pc



hinge-lever.stl

Print 2 pcs



lid-lock.stl

Print 2 pcs



top-plug-rear.stl

Print 1 pc



mmu-grommet.stl

Print 2 pcs



mmu-buffer-feet.stl

Print 2 pcs



hinge-bracket-rt.stl

Print 1 pc | use only with Advanced Filtration System

Print files



hinged-lid-complete_03mm_petg_mk3s_5h56m.gcode

PET 0.40 mm 0.30 mm 5.93 hrs 115 g Prusa MK3/S/S+



hinged-lid-mmu-complete_03mm_petg_mk3s_8h32m.gcode

PET 0.40 mm 0.30 mm 8.53 hrs 164 g Prusa MK3/S/S+

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