



Multi-switch cable channel



steffanders

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Summary

Wanted to have all my light switches in one housing and the cables organized



2.00 hrs



2 pcs



0.20 mm



0.40 mm



PET



23 g



Prusa
MK3/S/S+

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Tags: [light](#) [led](#) [switch](#) [cablemanagement](#)

After having the amazing light bar from SethBon printed, I liked to have the cables organized till the eisy box. So I designed a tiny cable channel screwed to the aluminium frame. Then I decided to have a second light near the nozzle and wanted a second switch for that. Next step: adding a multi switch housing with enough space for cable clamps to the channel.

Here we go

Additional parts:

- 2 brass inserts for the housing
- 2 M3x8 or 10 screws countersunk for the lid

- 2 M3x8 (3x10 will be fine too) screws countersunk for fixing to the frame
- an additional cable entry on top of the eisy-box nearby the hinge
- 2 of same **switch** as SethBon used

The empty switch hole in the light bar can be closed with german named “Beleuchtung-Verteiler_abdeck” just clipped on

I will post the additional nozzle lighting (see pictures) in a later post here.

Update 05.2022:

Original nozzle light is here <https://www.printables.com/de/model/201121-nozzle-light-prusa-mk3s>

And my current one is here <https://www.printables.com/de/model/167067-nozzle-light>

Have fun!

This remix is based on



MMU2 LED Light Bar Prusa i3 MK2/MK3

by SethBon

Model files

beleuchtung-verteiler.stl



beleuchtung-verteiler-deckel.stl



beleuchtung-verteiler_abdeck.stl



Print files



beleuchtung-verteiler_deckel_02mm_petg_mk3s_27m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 0.45 hrs ⚖ 6 g 🖨 Prusa MK3/S/S+



beleuchtung-verteiler_02mm_petg_mk3s_1h33m.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 1.55 hrs ⚖ 17 g 🖨 Prusa MK3/S/S+

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