



Fuga FOH insert



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Summary

This is a take on mounting a SR-ZGP2801K4-FOH-E PCB in a normal LK Fuga frame.

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This is a take on mounting a SR-ZGP2801K4-FOH-E PCB in a normal LK Fuga frame.

I'm not the first and probably not the last person to make this mod, however I feel that my take is unique from most other designs.

It has printed push buttons, these are necessary to mount the pcb, this also means the pcb is mounted in the buttons for easier battery change. I recommend printing the buttons in Prusament PETG Signal white as the color match fuga standard white best. As you can see in the pictures the white blends in well with other fuga elements.

I recommend mounting in a technique frame (teknik ramme) as you can then mount without having screws in the printed part, however it is possible to mount in all fuga frames, and the back is flush with the wall, so it can also be mounted with double sided tape or screwed directly in to the wall.

I have designed this a few years ago and was planning to sell it, however

there were so many competitors that I decided it was not worth my time. Also I found that the battery didn't have rock solid contacts, and sometimes the battery pole does not have the best connection. However when first mounted it works and shouldn't be a problem. I have around 10 installed in my own home and have had no issues with them at all. So I decided somebody else might like them.

The parts print without support. I recommend at least printing the buttons on a textured plate as it will give it the best finish.

.step file or Solidworks files can be made available with a direct message.

PCB can be purchased here among others: <https://www.ledhome.dk/vare/smart-home/zigbee/zigbee-kontakter/styreprint-pcb-til-batteri-kontakt-tryk-hue-kompatibelt/>

Good luck!

Model files



tangent-v3-41.stl



fuga-indlaeg-44.stl

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