



Case designs for KLOR (Polydactyl, Konrad, Yubitsume, and Saegewerk,)



chewiedies

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Summary

This is a case design for all four variants of the KLOR by GEIST

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These are gasket mount case designs with optional tenting for KLOR. All four variants are supported. The top and bottom pieces fasten with 6mm x 3mm neodymium magnets. The optional tenting fastens via M3 heatset inserts. The lid pieces support encoder knobs up to 24mm. There are encoder inserts to accommodate knobs of a smaller diameter (20mm and 16mm).

IMPORTANT: The case design requires the MCU be mounted on TOP of the PCB with its components facing up. MCU sockets are recommended. The OLED screens were mounted with IC SIP sockets to allow it to be mounted low enough to fit in the case. Some low profile MCU sockets would also suffice.


M3 Inserts: https://www.amazon.com/gp/product/B09ZNXRD2H/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&th=1


Magnets: <https://www.amazon.com/DIYMAG-6x3mm-Refrigerator-Premium-Brushed/dp/B07KZQGWNN>


3mm Foam: <https://www.amazon.com/Neoprene-Adhesive-Padding-Multi-Function-Soundproof/dp/B08RB2FWVR?th=1>


1mm Foam: https://www.amazon.com/gp/product/B07L6KV4QG/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1


Model files


 **Polydactyl** 5 files

 **v2-gasketbase.stl**

 **v2-gasketbasewithtenting.stl**

 **v2-gasketswitchplate.stl**

 **v21-gasketlid.stl**

 **v21-gasketlid-nooled.stl**

 **Konrad** 5 files



lid-konrad.stl



lid-konrad-nooled.stl



switchplate-konrad.stl



base-konrad.stl



basewithtenting-konrad.stl



Yubitsume

5 files



v1-basewithtenting-yubitsume.stl



v1-base-yubitmsume.stl



v1-lid-yubitsume.stl



v1-lid-yubitsume-nooled.stl



v1-switchplate-yubitsume.stl

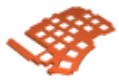


Saegewerk

5 files



v1-base-saegewerk.stl



v1-switchplate-saegewerk.stl



v1-basewithtenting-saegewerk.stl



v1-lid-saegewerk.stl



v1-lid-saegewerk-nooled.stl



encoderinsert-flat-16mm.stl



encoderinsert-flat.stl



encoderinsert-16mm.stl



encoderinsert.stl

klor-case-designs-v52.step

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