



Prusa Mk3 Extended Front panel with 4.3 inch LCD for Raspberry Pi (RPI)



Mathieu

[VIEW IN BROWSER](#)

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Summary

Extended design of the Front panel with an additional 4.3 inch wavesharr LCD and 2 additional rocker switches

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I've extended the the frontpanel of my Prusa with an additional LCD screen which is connected to my pi.

Requires te following parts:

- <https://www.waveshare.com/product/4.3inch-dsi-lcd.htm>
- DSI Cable
- 8x M2.5x4 or 5 mm bolt (DIN912)
- 6x square M3 nut (DIN 562)
- 6x M3x10 bolt (DIN912)
- 2x KSD11 Rocker Switch
- Cables and Dupont Crimps

- Re-use the bolts for the connection to the frame of the prusa

1 Print of each item is required. Frontpanel can be printed in MultiColor for a nice contrast change.

Installation is quite self explanatory

Model files



lcd-front-panel.stl



lcd-back-panel.stl



lcd-feet-1.stl



lcd-feet-2.stl



lcd-front-panel-mmuh-text.stl



lcd-lcd-fixture.stl

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