



## Displays holder HyperPixel 4.0 w RB + Prusa LCD ( Prusa i3 MK3s )

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## Summary

Stand alone Holder for 2 displays Hyperpixel 4.0 touch screen with RaspBerry 4 ( high resolution display ) Prusa LCD...

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### Stand alone Holder for 2 displays

- Hyperpixel 4.0 touch screen with RaspBerry 4 ( high resolution display )
- Prusa LCD display

## Print instructions

Print : PTGE, 0,2mm, 20%

Assembly: glue the stand part, Display box should be assembled with screw M3x10.

[see video](#)

## RaspBerry display and touch configuration:

Since the display is up side down due to usb cables as usually , you have to rotate display and touch screen input.

On RaspBerry PI 4 :

To **rotate display** use Putty (any ssh client) to connect to RB4 ..

In /boot/config.txt add line bellow .. (type "sudo nano /boot/config.txt")

Go to the bottom of the file and type in "rotate\_screen=1" .. if there is this option, change the parameter to 1

See attached screenshot. It will rotate the screen 270° Clockwise ( default is 90°

Now you have to **change touch orientation** to match display orientation.

In this folder /usr/share/X11/xorg.conf.d/" is config file, may be "40-libinput.conf"

Type cd /usr/share/X11/xorg.conf.d/"

Type ls to see the folder content. If there is this file, type sudo nano 40-libinput.conf

At the end of this file, add the option :

Option "TransformationMatrix" "0 1 0 -1 0 1 0 0 1"

see attached screenshot ..

Ctrl X to save, reboot your RB4 ( sudo reboot )...

Now you should have display and touch orientation up side down, so you can mount it to frame.

## Model files



disp\_holder\_left.stl



prusa\_hold\_left.stl



**rb4\_box\_cover.stl**

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**prusa\_hold\_right.stl**

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**rb4\_box.stl**

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**disp\_holder\_right.stl**

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