

Buttons & Console

It is advisable to arrange the buttons around the console panel so that when you click on a button you can simultaneously see the button's text output, without scrolling:
(Remember, you can also collapse Macro Categories which you don't need often - Calibration for sure...)

Temperatures

Name	State	Current	Target
Extruder	off	28.9°C	0 °C
Heater Bed	off	29.5°C	0 °C
Main Control Unit		34.7°C	
Makerbase MKS Pi		67.3°C	

Temperature [°C]

PWM [%]

14:06

14:08

14:10

14:12

14:14

14:16

14:18

14:20

14:22

14:24

<> Speed Heat

SPEED HEAT NOZZLE 190

SPEED HEAT NOZZLE 220

SPEED HEAT NOZZLE 250

SPEED HEAT BED 060

SPEED HEAT BED SIXTY NOZZLE 200

SPEED HEAT BED EIGHTY NOZZLE 250

SPEED HEAT ALL OFF

<> Calibration

CALIB Z LEVEL PAPER TEST

CALIB BED SCREWS

CALIB ROTATION DISTANCE

CALIB PROBE ACCURACY

CALIB PID

CALIB INPUT SHAPER

CALIB BED FINALIZER

CALIB SAVE CONFIG

<> SV07 Part Fan

FAN PART NOZZLE MODI

FAN PART NOZZLE SPEED LIMIT

<> SV07 Part Fan Auxiliary

FAN PART AUX MODI

FAN PART AUX SPEED LIMIT

FAN PART AUX TIMER

<> SV07 Other Fans

FAN HOTEND MODI

FAN MCU MODI

Miscellaneous

Fan

0 %

<> Mesh

MESH ADAPTIVE MODE

MESH MULTIPLE MODE

MESH CREATE FOR TEMPERATURE

MESH CREATE ALL TEMPERATURES

MESH PROBE POINT DISTANCE

<> PrePrint

PREPRINT PRIME SPIRAL MODI

PREPRINT PRIME LINE MODI

PREPRINT SAMURAIMOVE MODI

PREPRINT PRIME SLOW MODI

PREPRINT MOVE TO CLEANING POSITION MODI

<> Print

PRINT SLOW IN HEIGHT

PRINT PAUSE IN HEIGHTS

Console

Send code...

14:24 INFO:

Rotation Distance is an important part of the basic hardware calibration. It directly affects filament flow, and if not properly set any flow settings in your slicer are worth nothing - and you will get different kinds of print problems.

In this procedure the extruder gets a command to extrude 100mm filament. You will measure how much it really has extruded, and enter the measured value into the input field...

For this measurement a caliper is often recommended, but has in itself several sources of error when trying to precisely mark and measure filament on the extruder. With the Easy Rotation Distance Tool you can measure reliably:
<https://www.printables.com/model/639746>

HOW TO:

1. Enter your filament's maximum EXTRUDE TEMPERATURE in the button's input field.

2. Mark the filament at 120 mm.

3. Click the main button twice within 5 seconds, to extrude 100 mm filament.

• Further hints will then follow.

Current values:

printer.cfg Rotation Distance Value: 4.66822

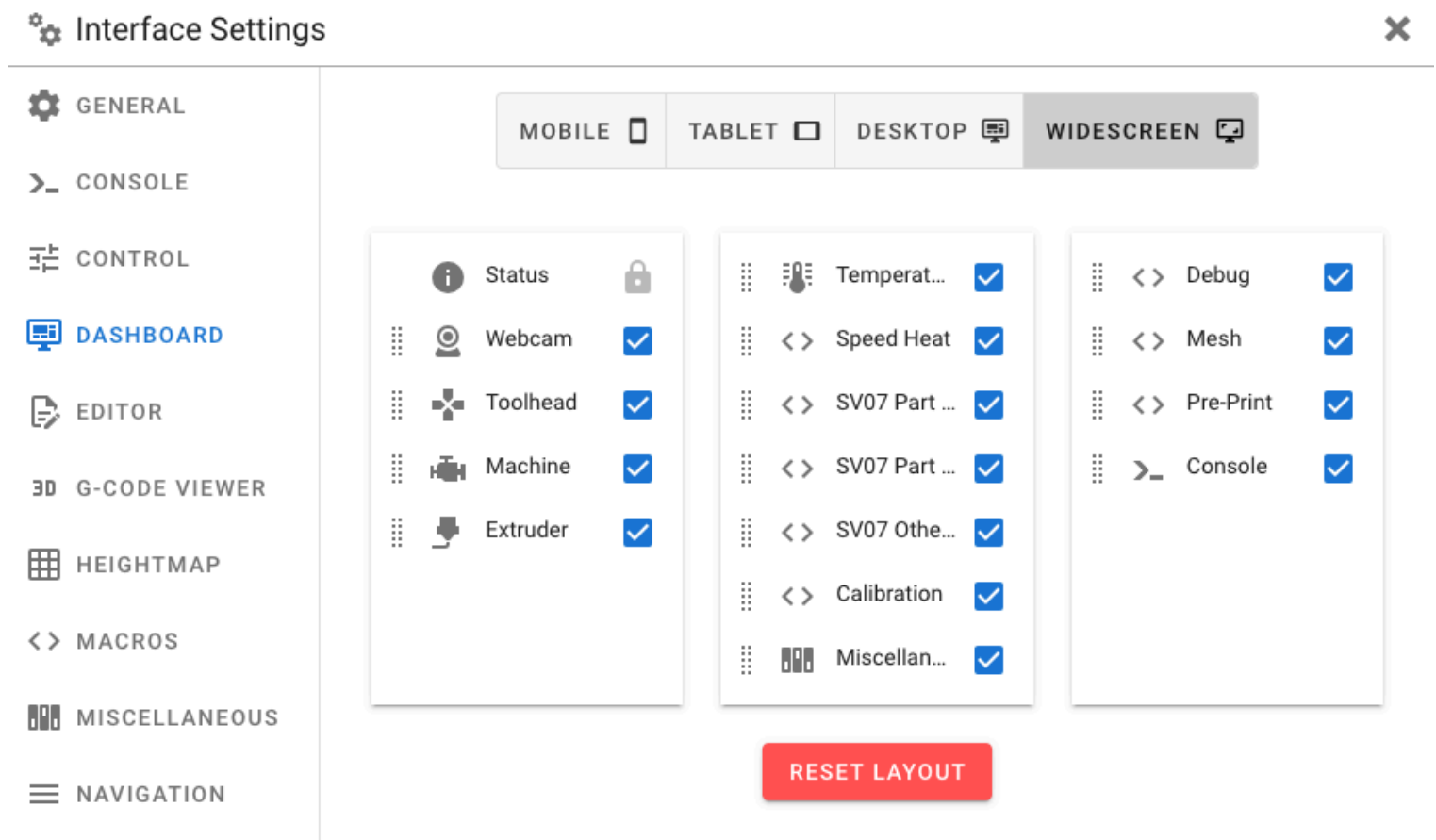
.....Active Rotation Distance Value: 4.66822

.....Temperature to extrude with: 210°C

.....Measured extrude Length: 0.0 mm

Your new Rotation Distance Value is: n/a.

- To do so open **Mainsail's Preferences --> Dashboard**, and drag & drop the categories where you want them:



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Thank you!

Christian 😊