# 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

⁂ COOLDOWN

| 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

MEASURED_MM
0

EXTRUDE_TEMPERATU…
210

SEND

## 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 ...ruded, and enter the measured value into the input ...ld...

... measurement a caliper is often recommended, but has in ...lity several sources of error when trying to precisely ...k and measure filament on the extruder. With the Easy ...ation Distance Tool you can measure reliable: ...ps://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:
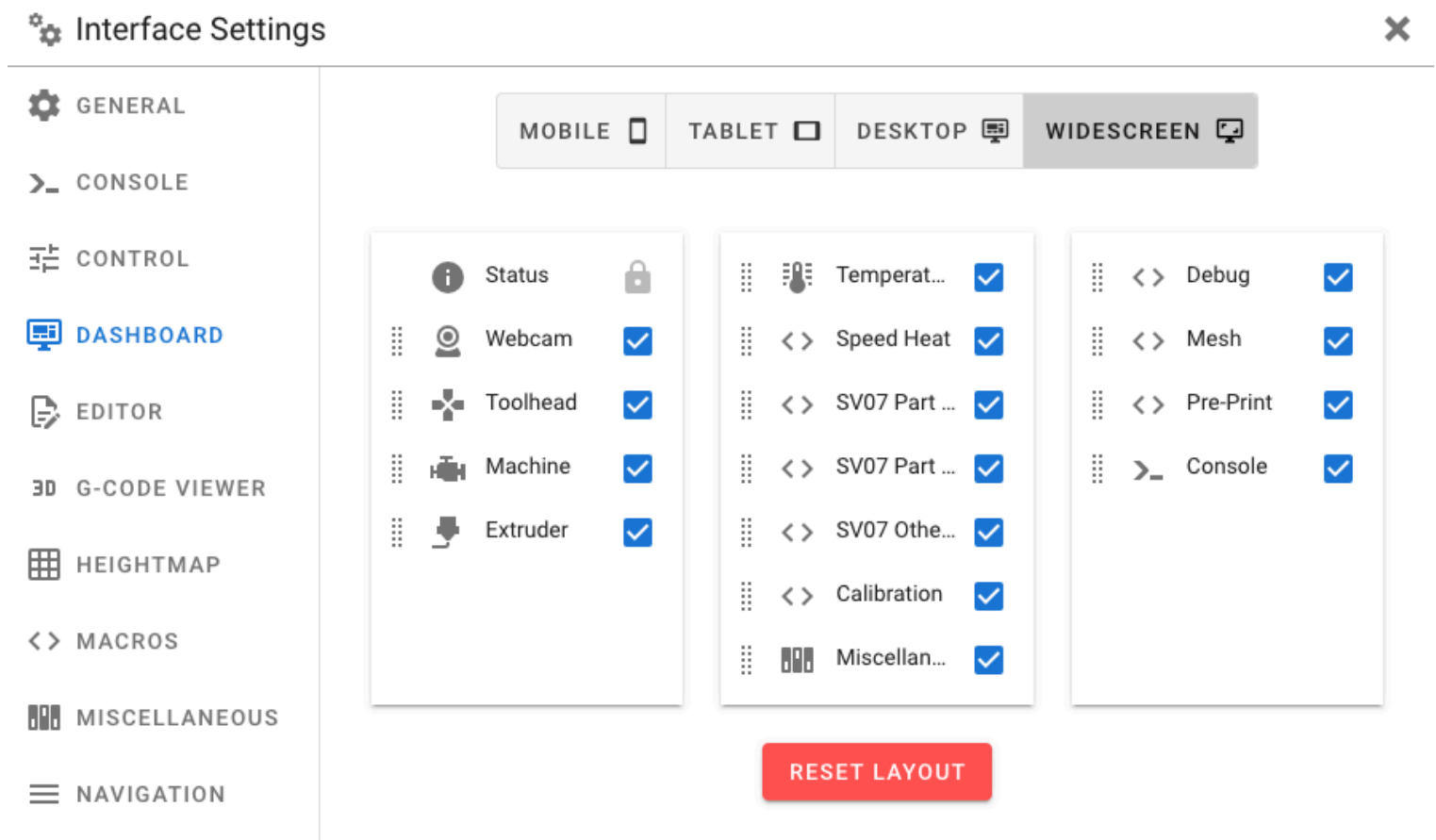printer.cfg Rotation Distance Value: 4.66822
.....Active Rotation Distance Value: 4.66822
........Temperature to extrude with: 210°C
...........Measured extrude Length: 0.0 mm
Your new Rotation Distance Value is: n/a.

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



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• Amazon: https://amzn.to/3L35OX2

Thank you!
Christian 🙂