

Printer settings

Configuration: Monolith Add Delete

Connection Behaviour Dimension Advanced

Port: usbmodem411

Baud Rate: 115200

Stop Bits: 1

Parity: None

Transfer Protocol: Autodetect

Receive cache size: 63

Most firmwares have a buffer of 127 bytes. The official boards supported by Arduino 1.xx only have 63 bytes.

☐ Use Ping-Pong Communication (Send only after ok)

The host can speed up communication, if it sends as many commands as fit into the receiving buffer. In Ping-Pong mode, only one command is send at a time. Only after the printer send an ok signal, the next command is send. Use only if you have problems without Ping-Pong mode.

☐ Firmware sends OK after error

Normally a printer sends ok even if needs a command resend. Uncheck if your printer doesn't do this.

OK Apply Cancel

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Travel Feedrate: 2400 [mm/min]

Z Axis Travel Feedrate: 140 [mm/min]

Default Extruder Temperature: 220 [°C]

Default heated bed temperature: 105 [°C]

Number of Extruder: 1

☒ Check extruder & heated bed every 1 seconds

☒ Don't log temperature requests (M105)

Dump area position: X= 135 Y= 0 Z-Min= 0

☐ Go to dispose after job/job kill

☒ Disable extruder after job/job kill

☒ Disable heated bed after job/job kill

☒ Disable motors after job/job kill

Add to comp. printing time: 0 [%]

OK Apply Cancel

For Windows users, use the settings below:

Printer Settings

Printer: Monolith

Connection Printer Extruder Printer Shape Advanced

Travel Feed Rate: 4800 [mm/min]

Z-Axis Feed Rate: 200 [mm/min]

Manual Extrusion Speed: 2 4 [mm/s]

Manual Retraction Speed: 10 [mm/s]

Default Extruder Temperature: 235 °C

Default Heated Bed Temperature: 100 °C

☒ Check Extruder & Bed Temperature

☐ Remove temperature requests from Log

Check every 3 seconds.

Park Position: X: 0 Y: 275 Z min: 0 [mm]

☒ Send ETA to printer display

☒ Disable Extruder after Job/Kill

☒ Disable Motors after Job/Kill

Add to comp. Printing Time: 85 [%]

Invert Direction in Controls for ☐ X-Axis ☐ Y-Axis ☐ Z-Axis

☐ Go to Park Position after Job/Kill

☒ Disable Heated Bed after Job/Kill

☒ Printer has SD card

OK Apply Cancel

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Connection Behaviour Dimension Advanced

Home X: x min Home Y: y min Home Z: z min

X Min: 0 [mm] X Max: 196 [mm]

Y Min: 0 [mm] Y Max: 200 [mm]

The min and max values define the possible range of extruder coordinates. These coordinates can be negative and outside the print bed. Bed left/front define the coordinates where the printbed itself starts. By changing the min/max values you can even move the origin in the center of the print bed, if supported by firmware.

Printer type: Classic Printer

Print Area Width: 196 [mm] Bed Front: 0 [mm]

Print Area Depth: 200 [mm] Bed Left: 0 [mm]

Print Area Height: 200 [mm]

OK Apply Cancel