Firmware Release Notes

This is the parameter suggestions and announcement for XYZprinting customers when using CURA software to print the objects via XYZprinting printers.

New Features and Improvements:

1. Support printing with CURA (Third-party Software Ultimaker Cura Direct Printing)

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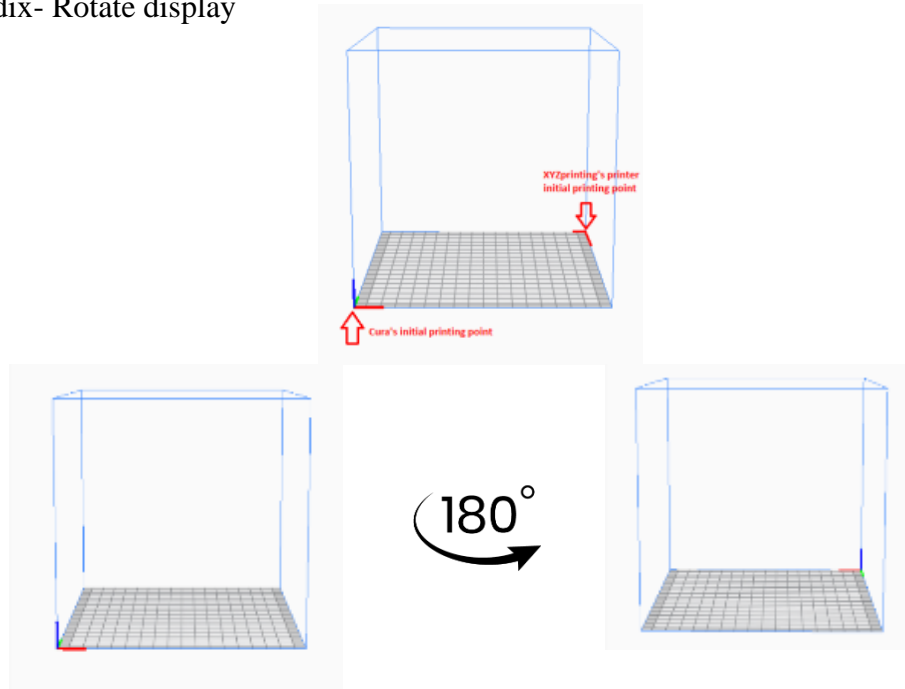
Before printing, Please follow the bellowing instructions when you operate CURA:

‧ Install XYZmaker Suite software and setup printer driver

‧ Connect XYZ 3D printer with computers.

‧ Upgrade printer firmware and make sure the process is completed

‧ Open Ultimaker Cura software (ver.4.0.0 and above are recommended)

‧ Function select "Add Printer" > "Add a non-networked printer" > "Custom">"Custom FFF printer", add your XYZ 3D printer in the "Preset printers" list.

‧ Function select "Manage printers">"Machine Settings"

‧ Parameters for XYZ 3D printer, see Appendix- Printer Profile

‧ Do not plug out USB cord once printing started, printer and computer need to be connected till printing completed

‧ Due to the initial point of printing in Cura and XYZprinting's printer is different, we suggest to rotate the perspective 180 degree, see Appendix- Rotate display

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Appendix- Rotate display

Appendix- Printer Profile:

Printer

Printer Settings	Printhead Settings
X(Width) : 150mm	X min: 10mm
Y(Depth) : 150mm	Y min: 10mm
Z(Height) : 150mm	X max: 10mm
Build plate shape: Rectangular	Y max: 10mm
Origin at center: disable	Gantry height:100mm
Heated bed: disable	Number of Extruders: 1
G-code flavor: marlin	

Extruder 1

Nozzle size: 0.4mm	
Compatible material diameter: 1.75mm	
Nozzle offset X: 0mm	
Nozzle offset Y: 0mm	
Cooling Fan Number: 0	

Material – PLA (Example), other materials please refer to the Nozzle Temperature suggestion in material product page.

Diameter: 1.75mm	
Printing Temperature: 210 ℃	
Printing Temperature Initial Layer: 210 ℃	