

CREALITY ENDER3V3PLUS 3D Printer Instruction Manual

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CREALITY ENDER3V3PLUS 3D Printer Instruction Manual



First Printing

5.3 USB flash disk Printing



Tips:

1. Keep the dip switch locked before printing.
2. For details on using the software, please refer to the slicing software user manual on the USB flash disk.
3. Saved files must be placed in the root directory (not a subdirectory) of the USB flash disk.
4. It is recommended to use Latin alphabet, numbers, and common characters for the file names.

The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/ firmware UI published on the official website.

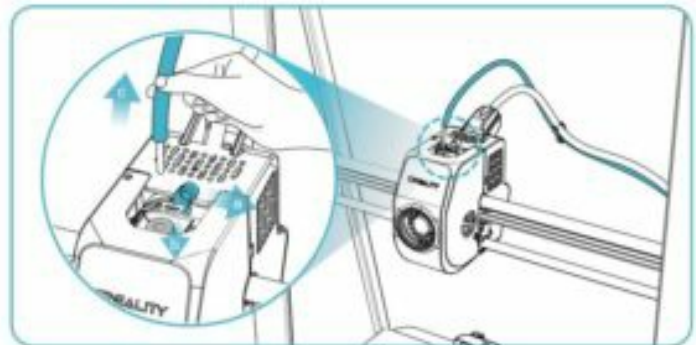
6. Functional Specification

6.1 Filament Retreat

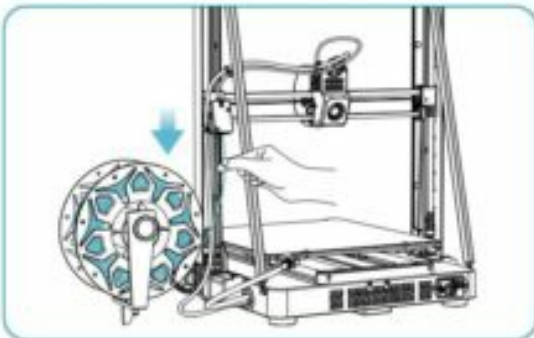
Method 1: Manual retract



① Input the nozzle temperature on the screen and wait for it to heat up to the target temperature;



② a. Unlock the dip switch; b. Hold the Teflon tube connector above the extruder; c. Pull out the Teflon tube;

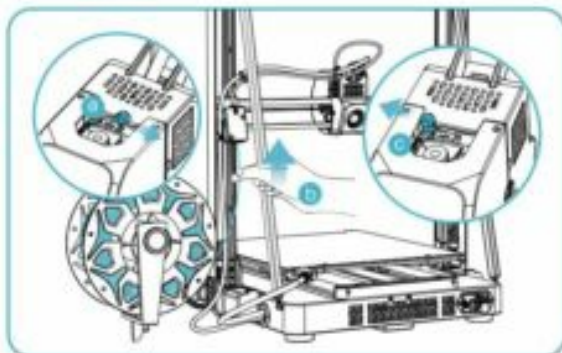


③ Remove the old filaments by pulling them out from the back of the machine to replace with new ones.

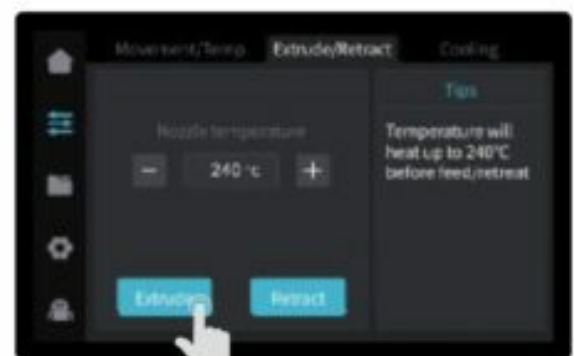


The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/firmware UI published on the official website.

6.2 Auto extrude



① a.Unlock the DIP switch; b.insert the filament into the deepest part of the Teflon tube until it cannot be moved; c.Lock the DIP switch.



② Click on "Extrude";



③ Waiting for the extruding process to complete.



The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/firmware UI published on the official website.

7. Equipment Maintenance

7.1 Platform plate removal and maintenance

7.1 Platform plate removal and maintenance



- ① a. When printing is finished, wait for the platform plate to cool before removing the printing platform with the model attached; b. Slightly bend the platform with both hands to separate the model from the platform.



- ② If there are residual filaments on the platform plate, scrape them off lightly with a blade and print again.



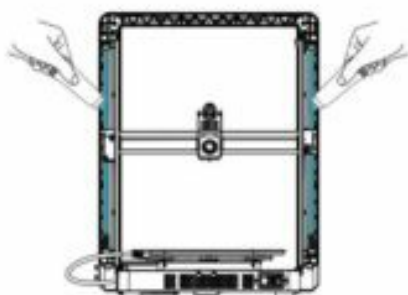
- ③ If the first layer of the model is not properly glued, it is recommended to apply solid adhesive evenly on the surface of the platform plate before preheating for printing.



Tips: 1. Don't bend too much for daily use to prevent deformation and unusability;
2. The printing platform is a perishable part, and it is recommended to replace it regularly to ensure that the first layer of the model sticks properly.

7.2 Optical axis maintenance

It is recommended to purchase lubricating grease for regular maintenance of the optical axis area.



Optical axis area of Z direction



Optical axis area of X & Y direction



Optical axis area of X direction

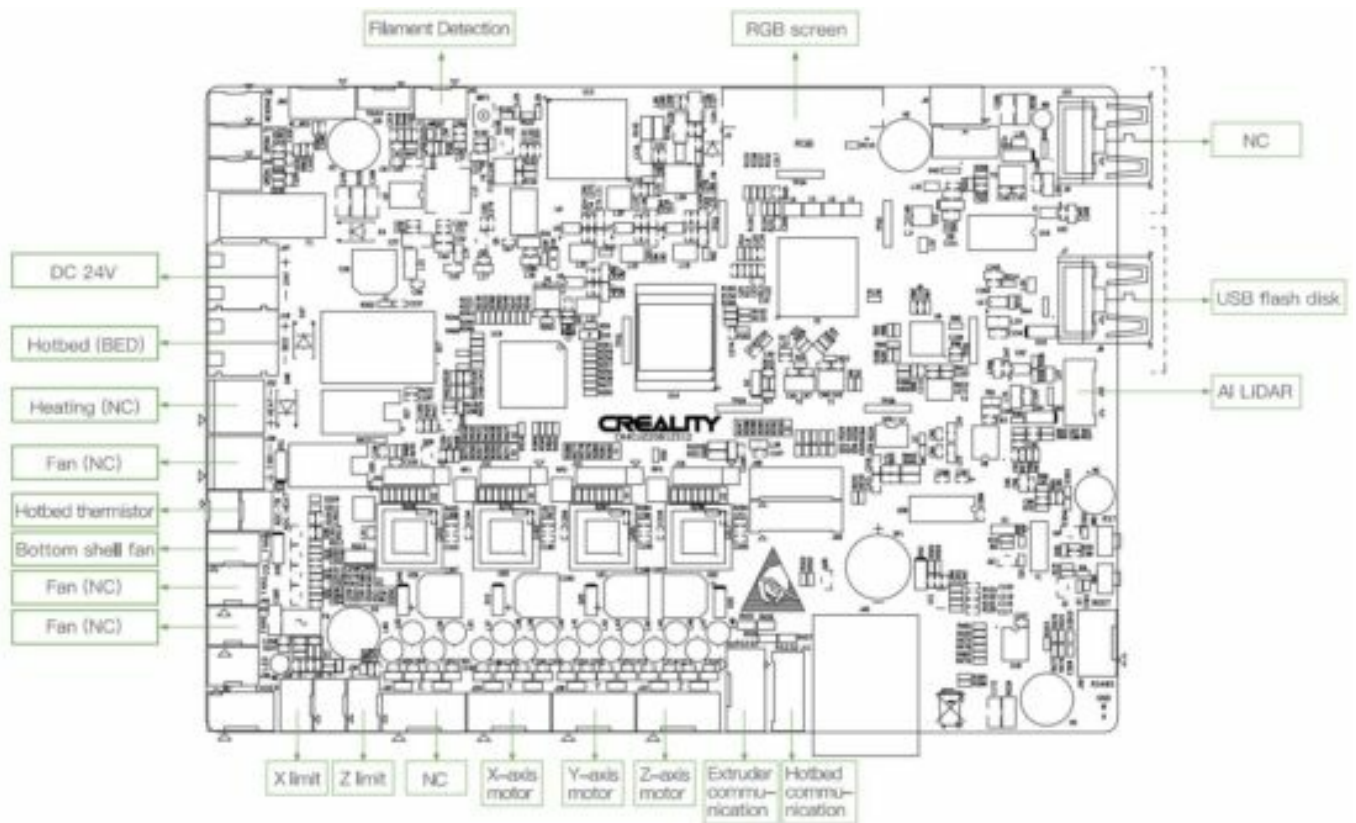


Optical axis area of Y direction

8. Equipment Parameters

Equipment Parameters	
Model	Ender-3 V3 Plus
Modeling Technolog	FDM
Modeling Dimensions	300*300*300mm
Leveling Method	Auto-leveling
Number of Nozzles	1pcs
Extruder Diameter	0.4mm
Slice Thickness	0.1-0.35mm
Precision	±0.2mm
Nozzle Temperature	≤300℃
Hotbed Temperature	≤110℃
Filaments	PLA/TPU/PETG/ABS/PLA-CF/PETG-CF/CR-carbon
Rated Power	350W
Input voltage	100-120V~, 200-240V~, 50/60Hz
Filament Detection	YES
Power Loss Recovery	YES
Printing Method	USB flash disk Printing / LAN printing / Cloud printing
Print file format	Gcode
Slicing Software	Creality Print
Operating Systems	Windows/MAC OS
Language	中文/ English/ Español/ Deutsche/ Français/ Русский/ Português/ Italiano/ Türk/ 日本語

9. Circuit Wiring



FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

To maintain compliance with FCC’s RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Due to the differences between different machine models, the actual objects and the images can differ. Please refer to the actual machine. The final explanation rights shall be reserved by Shenzhen Creality 3D Technology Co., Ltd.

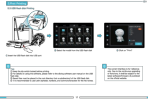



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References

- [User Manual](#)

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