reddot winner 2025

K2 Pro

User Manual

K2 Pro 3D Printer

V 1.0_EN
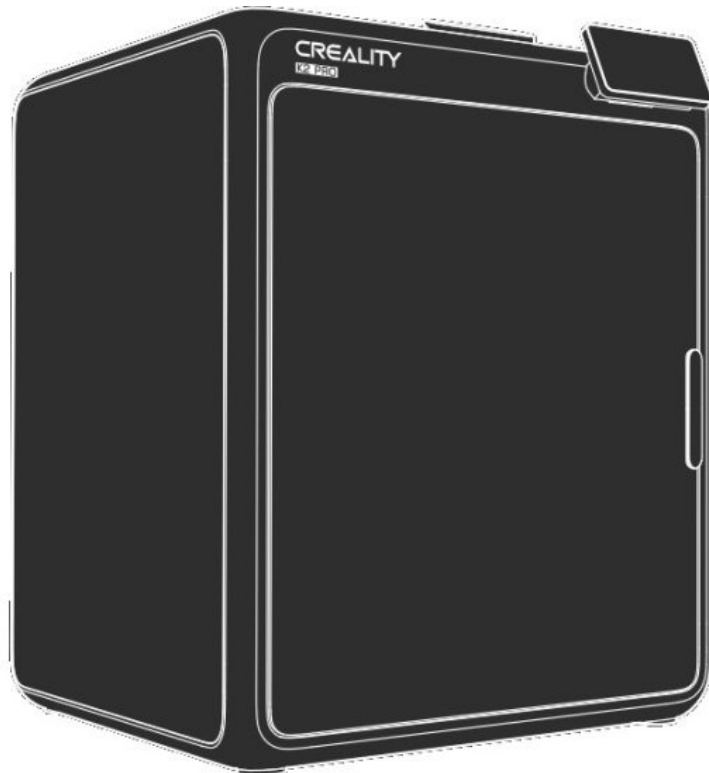
Contents [hide]

K2 Pro Combo CFS 3D Printer

To Our Dear Users

Thank you for choosing Creality. For your convenience, please read through this User Manual before you start and follow the instructions provided carefully.

Creality is always ready to provide you with high-quality services. If you encounter any issues or have any questions when using our products, please use the contact information at the end of this manual to contact us. To further improve your user experience, you can find more about our devices via the following methods:

User manual: You can find instructions and videos in the USB flash disk provided with the printer.

You can also visit our official website (https://www.creality.com) to find information regarding software, hardware, contact information, device instructions, device warranty information, and more.

Firmware Upgrade

1. You can upgrade the firmware directly through the device screen;
2. You can upgrade the firmware via the Creality Cloud OTA;
3. Please visit the official website https://www.creality.com, click on "Support → Download Center " , select the corresponding model to download the required firmware, (Or click on"Creality Cloud → Downloads → Firmware") , after installation is complete,
   you can use it.

Product Operation and After-Sales Service Information

https://wiki.creality.com/

Creality Wiki

1. You can log in to the Creality Official Wiki (https://wiki.creality.com) to explore more detailed after-sales service tutorials.
2. Or contact our after-sales service center at +86 755 3396 5666, or send e-mail to cs@creality.com.

 NOTES

1. Do not use the printer in any way other than described herein in order to avoid personal injury or property damage;
2. Do not place the printer near any heat source or flammable or explosive objects. We suggest placing it in a well-ventilated, cool and dustless environment;
3. Do not expose the printer to a violent vibration or any other unstable environment, as this may cause poor print quality;
4. Please use recommended filaments to avoid clogging of the extrusion head and causing damage to the machine;
5. Do not use the power cable of other products during installation. Always use a grounded three-prong power outlet, which accompanies the printer;
6. Do not touch the nozzle and the heated bed during operation to avoid burns or personal injury;
7. Do not wear gloves or wraps while operating the machine to prevent entrapment of movable parts that could cause crushing and cutting injuries to bodily parts;
8. Use the provided tools to clean the filament from the extruder in time taking advantage of the residual temperature after printing.
   Do not touch the extruder directly when cleaning, otherwise it may cause burns;
9. Clean the printer frequently. Clean the printer body with a dry cloth regularly after

powering off the printer, wipe away dust, bonded print filament and foreign objects on the guide rails;

10. It is not recommended for children under the age of 10 to use this machine directly to avoid personal injury.

11. Users should comply with the laws and regulations of the corresponding countries and regions where the equipment is located (used), abide by professional ethics, pay attention to safety obligations, and strictly prohibit the use of our products or equipment for any illegal purposes; Creality will not be responsible for any violators' legal liability under any circumstance;

12. **Tip:** Do not plug in or unplug wires on a charged basis.

⚠ Hot parts!

Burned fingers when handling the parts

Wait one-half hour after switching off before handling parts

Printer Information

1.1 Packing List

1 Printer		2 Touch Screen	
3 Spool Holder		4 Filament	
5 PTFE Tube	320mm	6 Power Cable	
7 Quick Guide		8 After-sales services card	

TOOL BOX				
Nozzle Cleaner	Hexagonal Wrench	Cutting Blade	Socket Spanner	Nozzle Cleaner

Tips: the above accessories are for reference only. Please refer to the physical accessories.

1.2 About the Printer
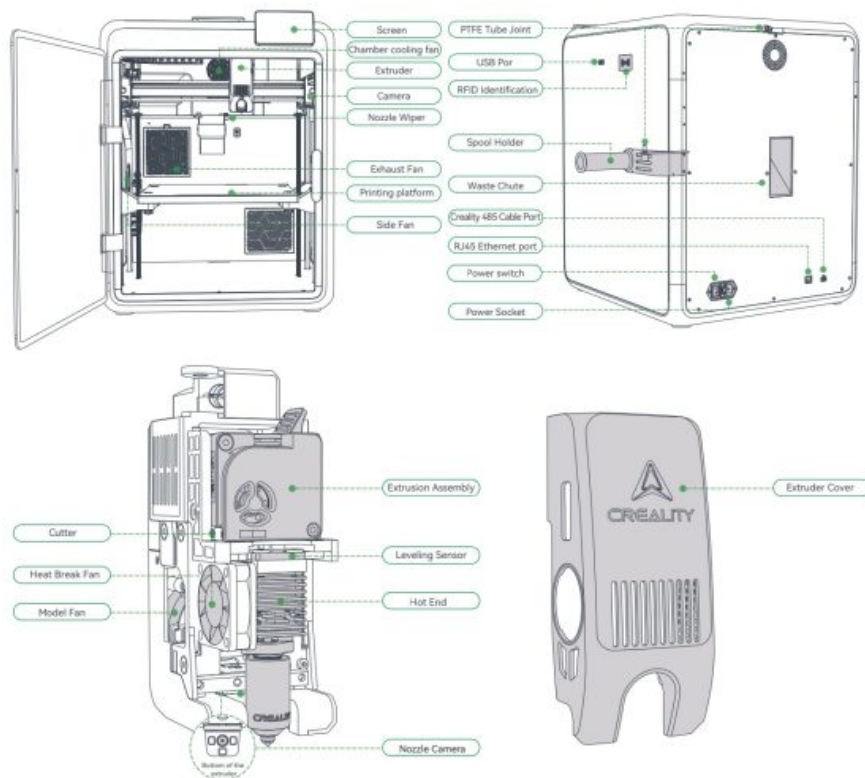
1.3 Equipment Specifications

Equipment Specifications	
Model	K2 Pro
Modeling dimensions	300*300*300mm³
Pinter size	445*477*573mm³

Supported filaments	PLA/PETG/ABS/ASA/PLA-CF/PET
Extruder type	Proximal dual gear extruder
Printing speed	≤600mm/s
Acceleration	≤20000mm/s²
Nozzle diameter	0.4mm standard)
Nozzle temperature	≤300℃
Hotbed temperature	≤100℃
Screen	100-240V~, 50/60Hz
Traffic detection	1300W
Rated voltage	4-inch color touch screen
Rated power	Yes
AI Camera	Yes
Filament Detection	Yes
Power loss recover	Yes
Slicing software	Creality Print 6.0 and higher
Working mode	USB flash drive/Enternet/WiFi
Printing platform	PEI Spring steel platform plate
Leveling method	Automatic leveling

1.4 Equipment Size
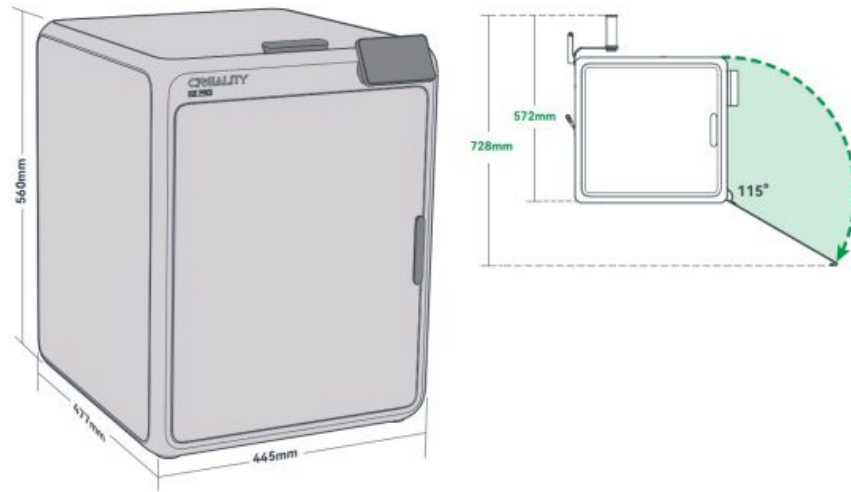
💡 Overall machine dimensions (477× 445 × 560), including the top cover handle, front door handle, and foot pads.

Please ensure at least a 10 cm distance between the machine and the wall.

Unboxing

2.1 Install Accessories

2.1.1 Install Printer Screen

1. Connect the screen ribbon cable: Make sure to press it into place according to the direction shown in the diagram.

Tear off the ribbon cable sticker.
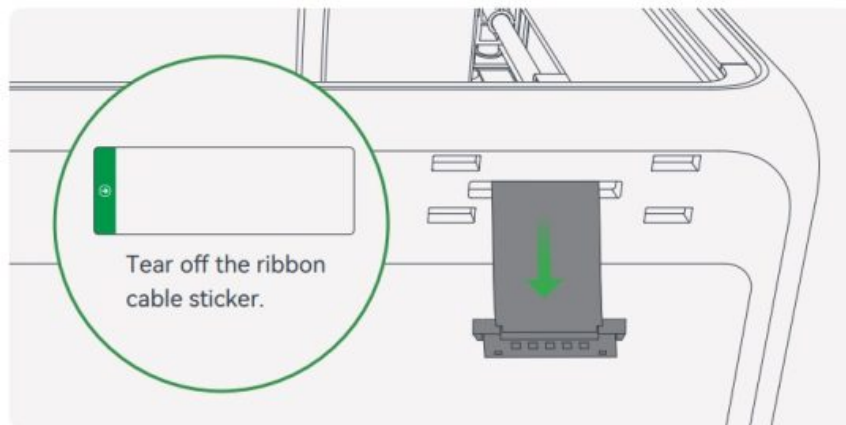
2. Connect the screen cable: Pay attention to the direction shown in the figure and press to connect.
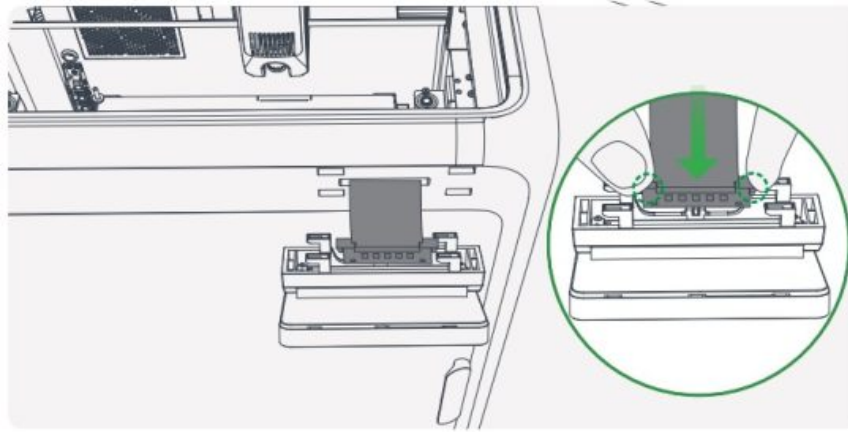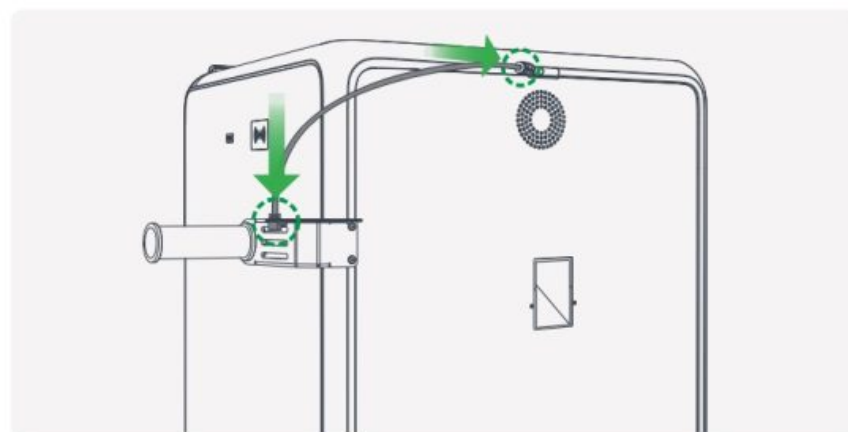
2.1.2 Install Spool Holder and PTFE Tube

1. First, remove the two material rack screws from the back panel.
   Then, align the material rack with the holes on the back of the machine and secure it with the two screws.
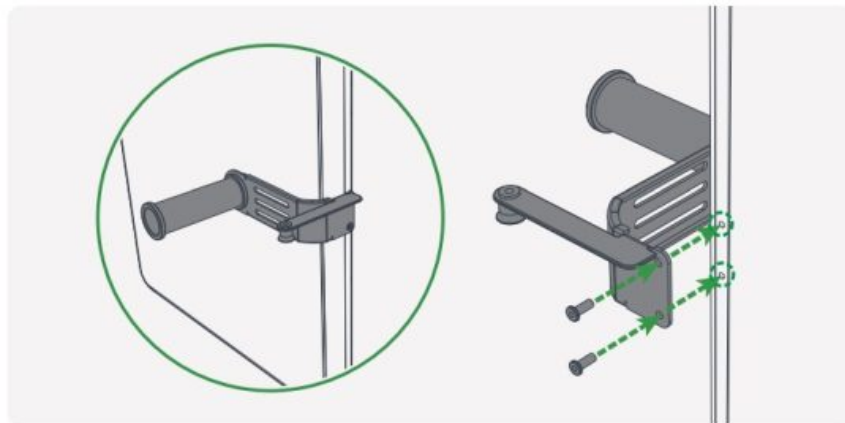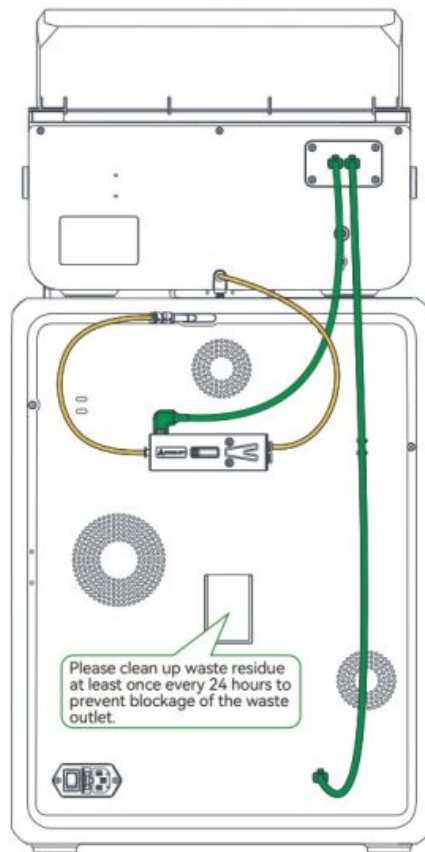

2. Connect the PTFE tube: As shown in the picture,connect both ends of the PTFE tube to the pneumatic fittings on the material rack and the machine.

2.3 Connecting CFS

Users who have not purchased CFS can skip this step.

Please clean up waste residue at least once every 24 hours to prevent blockage of the waste outlet.
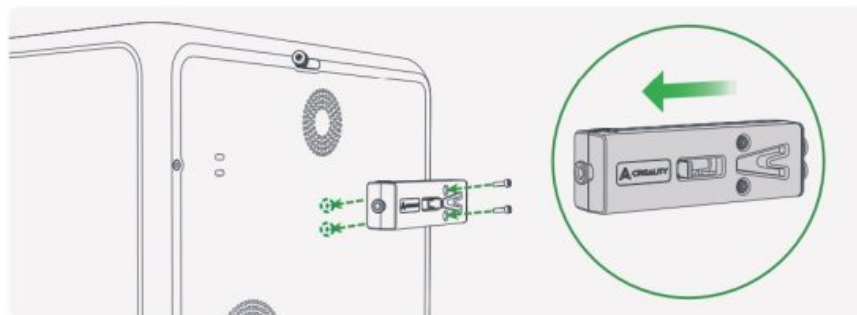
- Yellow is the PTFE tube.
- Green is the 485 cable.

2.3.1 Install the filament buffer

1. Install the filament buffer on the back of the printer and tighten it with two buffer screws; pay attention to the direction of the buffer, do not install it in a wrong direction.

### 2.3.2 Connect the PTFE tube and 485 cable

- The longer PTFE tube connects the CFS five-way connector to the buffer. The shorter PTFE tube connects the CFS buffer to the printer.
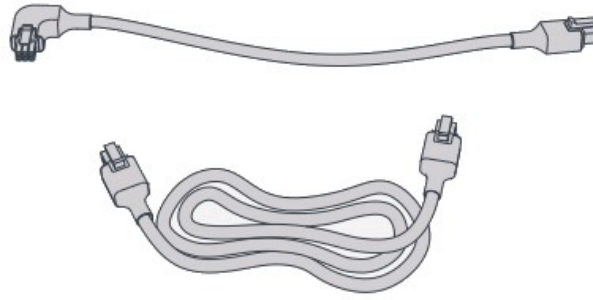

- The shorter 485 communication wire connects the CFS to the buffer. The longer 485 communication wire connects the CFS to the printer.

1. Connect CFS hub outlet and buffer: insert one end of the longer PTFE tube into the CFS hub outlet (position a); insert the other end into the buffer (position b, any of the four holes).
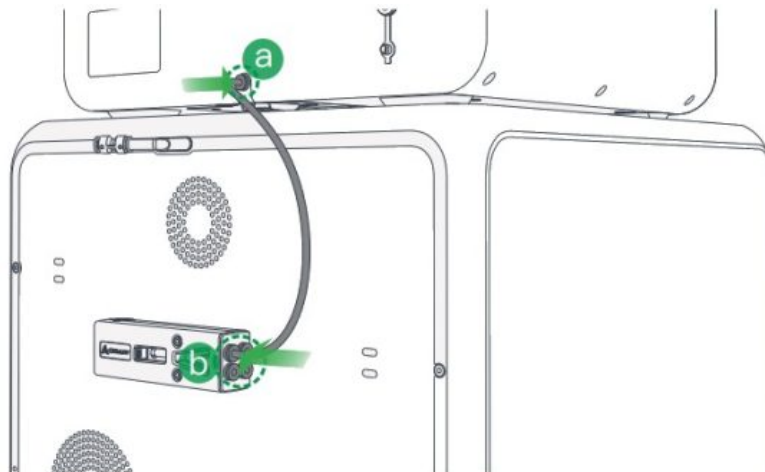

2. Connect the buffer to the printer following steps A, B, and C.
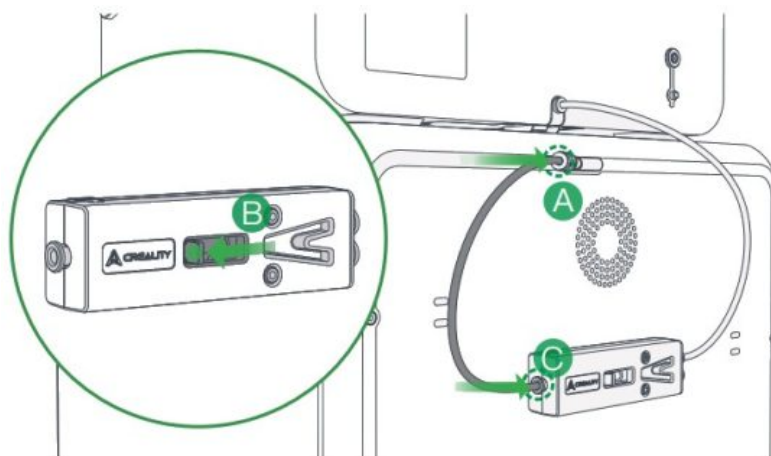
3. Connect CFS and buffer Creality 485 cable: Note that the elbow is inserted into the buffer position c, and the straight head is inserted into the CFS position d (either of the two 485 sockets of CFS).
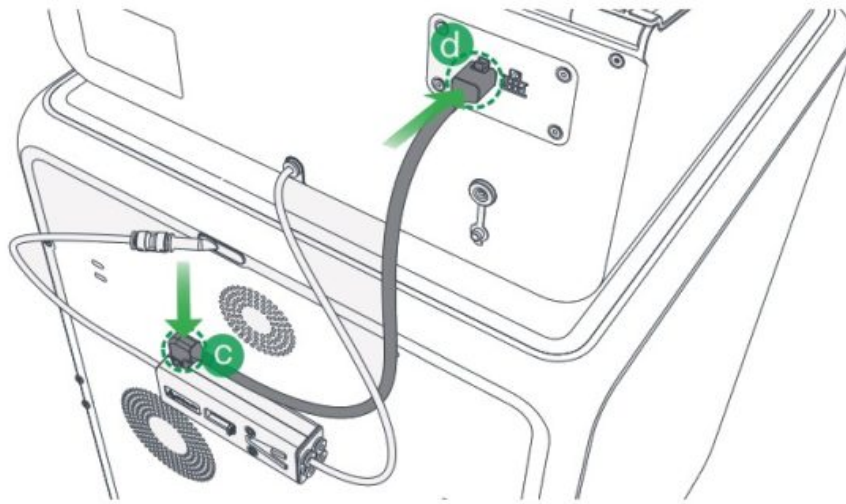
4. Connect the CFS to the printer using the 485 communication wire: This cable has 6-pin straight connectors on both ends with no specific orientation.
Insert one end into position E on the CFS and the other end into position F on the machine interface.
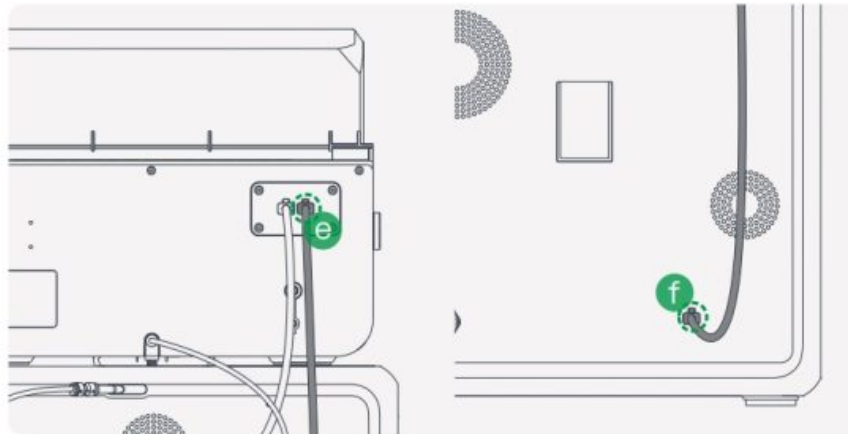
2.4 Connecting Multiple CFS
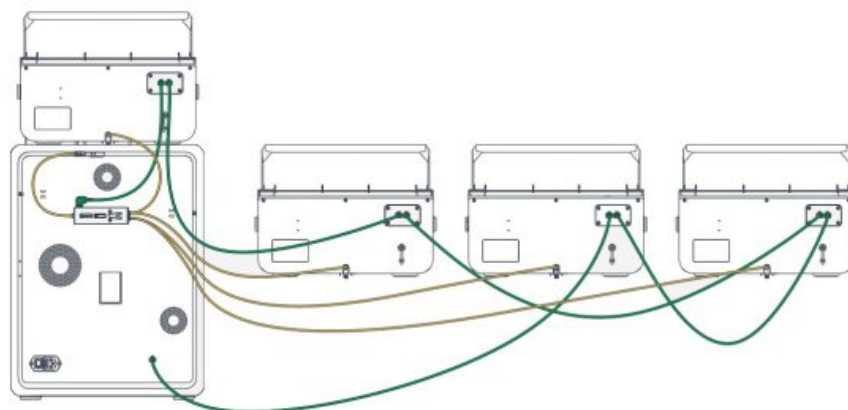
💡 Users who have not purchased CFS can skip this step.

🟢 Green is the 485 cable.

🟡 Yellow is the PTFE tube.

2.5 Power-on Guide

1. Follow on-screen prompts to complete the boot program (about 30 minutes);
2. Loud sounds during vibration optimization are normal.

 The current interface is for reference only. Please refer to the latest software/ firmware UI on the official website for updates.

Product Usage

3.1 User Interface

Parameters can be manually set

The left side is the navigation bar :

1. Home: In idle state, you can view the temperature of each part of the machine; during printing, you can view the model printing progress and other information on this interface;
2. Adjustment page: On this page, you can operate the machine to move, load filaments, etc.;2
3. File page: On this page, you can choose to print files and operate printing; 3
4. Function setting page: You can set network, camera and other functions; you can also

view machine information;4

5. Help page: You can export logs or view machine wiki.5

💡 The current interface is for reference only. Please refer to the latest software/firmware UI on the official website for updates.

3.2 Loading Filament From Spool Holder

1. If the filaments support RFID recognition, align the chip on the filaments with the RFID recognition position of the machine body to scan the filaments, and the filament information can be automatically set;
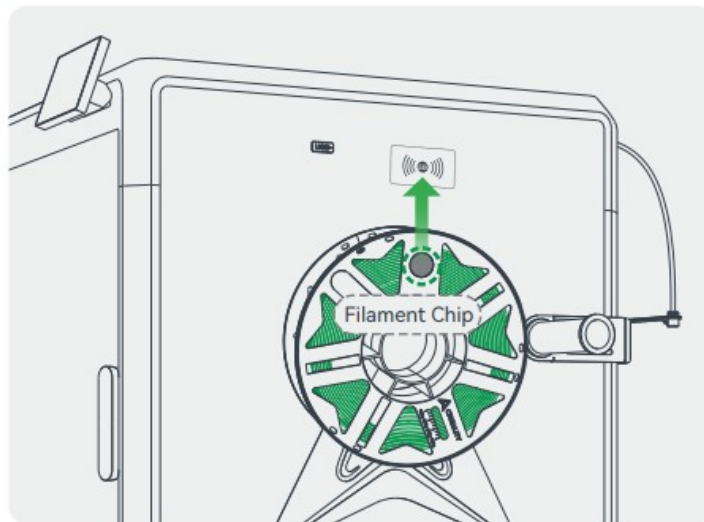

2. Hang the filament on the spool holder
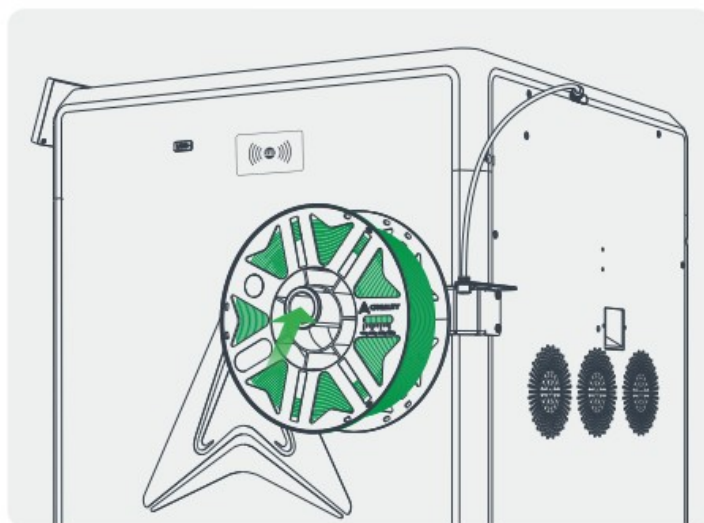
3. Thread the filaments into the Teflon tube and push gently until they cannot be pushed;
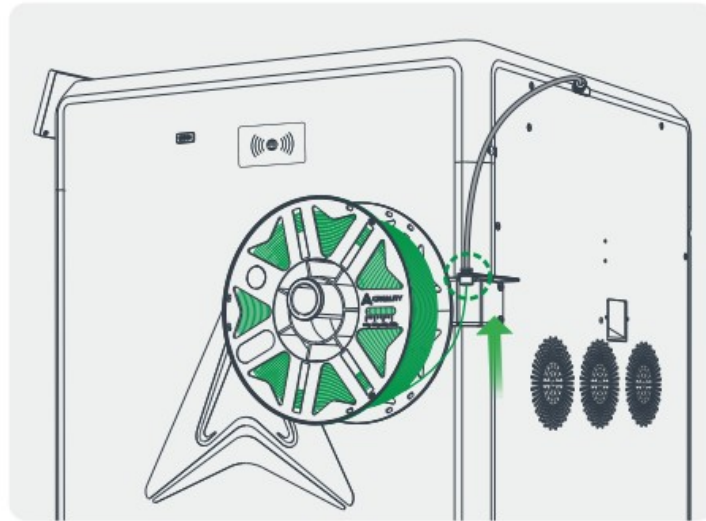
4. If the filaments do not support RFID recognition, you need to manually click on the screen to set the filament information: Adjustment page → Filaments → Edit (as shown below the material rack), set the filament brand-type-name-color respectively, and finally click OK to save the settings;
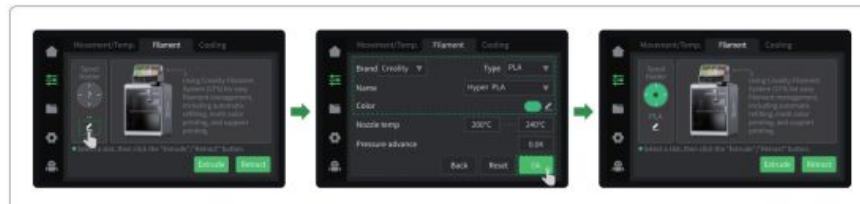
5. **Extrude:** Push the filament gently by hand, and click "Extrude" on the filament interface. The machine will automatically set the current filament temperature, and will automatically extrude the filament after the heating is completed;

6. Retract: A. Click Retract on the filament management page, and the extruder will automatically move to the left front to cut off the filament for retraction;
B. Wait for the retraction to end, and extract the filament from the Teflon tube behind the machine.
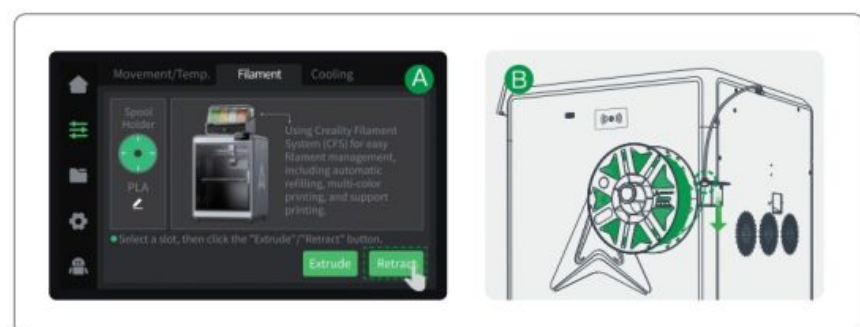
💡 During extruding, you can observe whether there is filament flowing out of the nozzle. If no flow-out is observed, you can gently push the filament toward the extruder at the Teflon tube behind the machine, and then click "Extrude" again.

💡 The current interface is for reference only. Please refer to the latest software/firmware UI on the official website for updates.

3.3 Loading Filament From CFS

To avoid filament spool getting stuck, do not use cardboard spool with untreated edges or cardboard spool that are deformed as a whole;
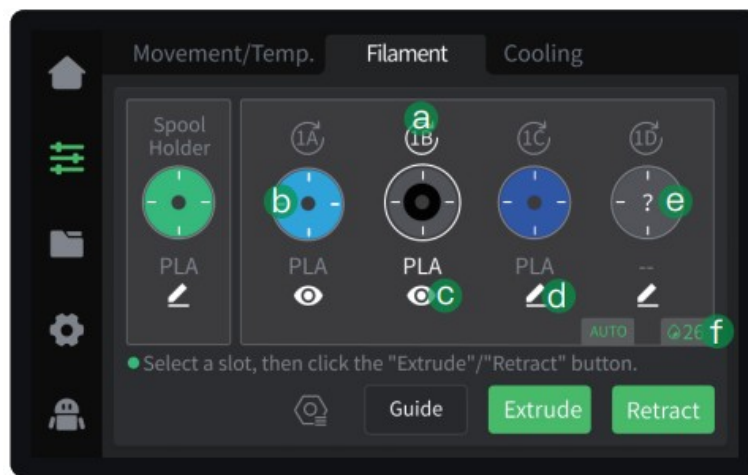
a is the Refresh RFID button, which can be used to read filament. If the reading is successful, the remaining filament and filament color will be displayed. If the reading fails, the filament editing button will be displayed, and the filament will be displayed as "?";

b is the empty slot state, displayed as "/", and editing is not supported;

c means that the RFID filament is read, the eye icon is for viewing filament information, RFID filament only support viewing;

d if this is RFID and you want to use non-RFID next time, click the pre-loading button, wait for the reading to complete, and then click the filament editing button; is ordinary filament, which support editing;

e is the state where RFID is not read, the filament display "?". At this time, you need to click the edit button to manually edit the filament information;

f is the CFS humidity status. Green means the humidity is appropriate, orange means the humidity is slightly higher, and red means the humidity is very high. The desiccant

may need to be replaced.

1. Introduction to the filament management interface: The filament management page is divided into two parts: the spool holder [left] and the CFS [right]. The code above the filament in the CFS, such as 1A, indicates the slot number;
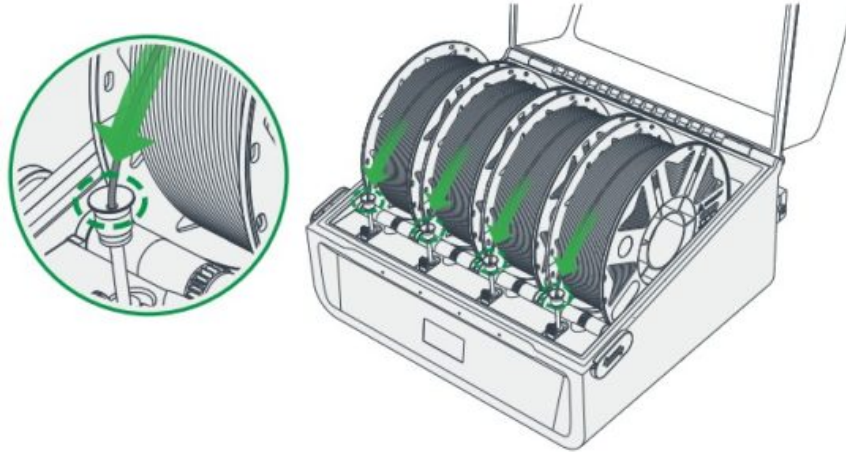
Loading filament: Put the filament into the CFS, align the filament head with the Teflon tube of corresponding silo, push it in gently, and let go after feeling the pulling force. The filament will be automatically loaded.
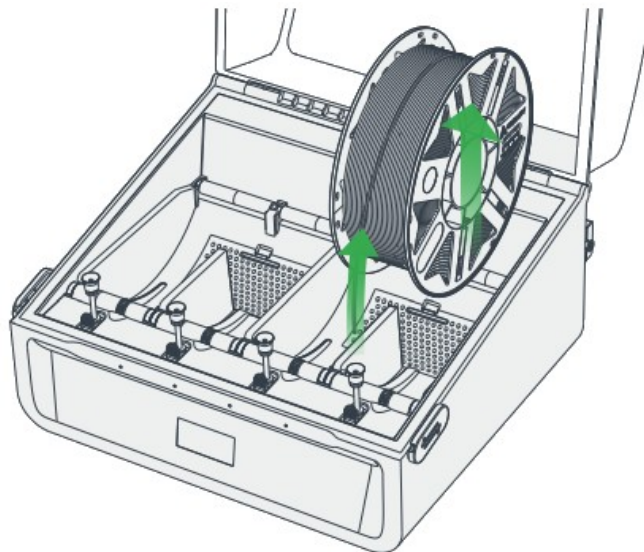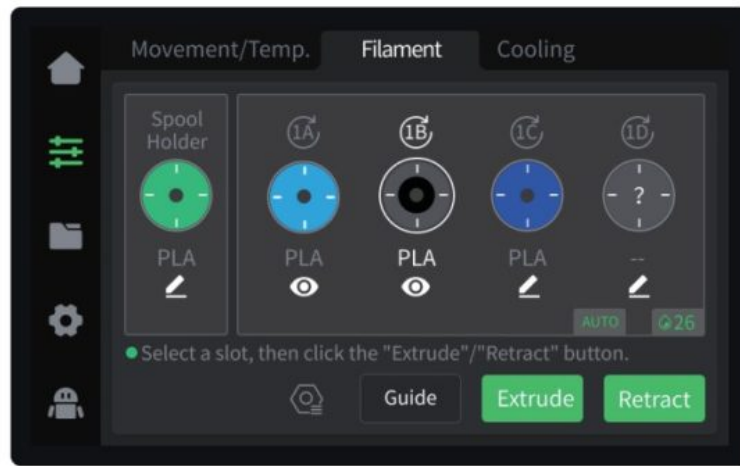

Unloading filament: First, make sure that the filament is not in the extruder, in this case, just pick up the filament and pull it out; if it is in the extruder, click the Retract button first, wait for the filament to return to the CFS, and then take out the filament.

2. Load/unload filament.

First Use

4.1 Filament Setup

1. Put in filament and wait for tightening (RFID filament does not need to be edited, in case of non-RFID filament, "?" will be displayed after reading, and filament needs to be edited manually);
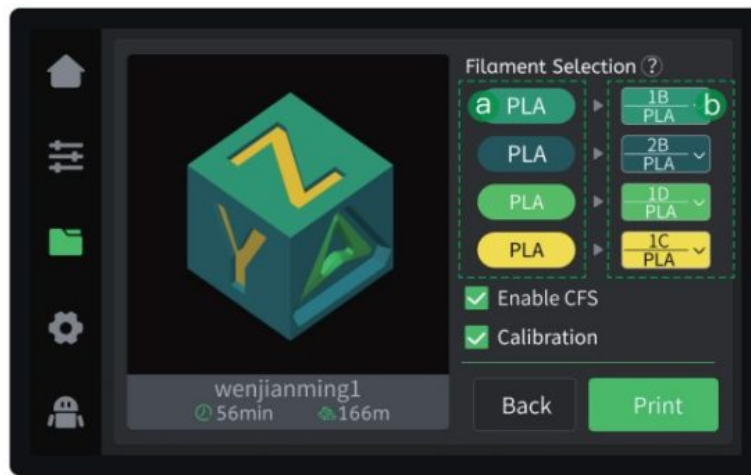
   The current interface is for reference only. Please refer to the latest software/firmware UI on the official website for updates.

2. Check whether the filament information displayed on the screen corresponds to the filament in CFS.

4.2 Print

- The area a is the color and type of the material contained in the print file. For example, the green background PLA in the figure indicates that green PLA is required;
- The area b is the state after the mapping of the print file to the filament bin is completed. For example, there is no green PLA in the filament bin, and the blue PLA is automatically selected;
- When the mapping fails, '–' will be displayed, and the user needs to manually select the material;
- Enabling CFS means printing with CFS filament, otherwise the material rack filament will be used for printing, and the multi-color file will be regarded as a single-color file;
- Checking print calibration will perform automatic leveling, AI calibration and other functions.

1. Click the file on the screen, confirm the filament mapping status, and click Print;

🔅 The current interface is for reference only. Please refer to the latest software/firmware UI on the official website for updates.

2. Printing…

4.3 Creality Print Slicing
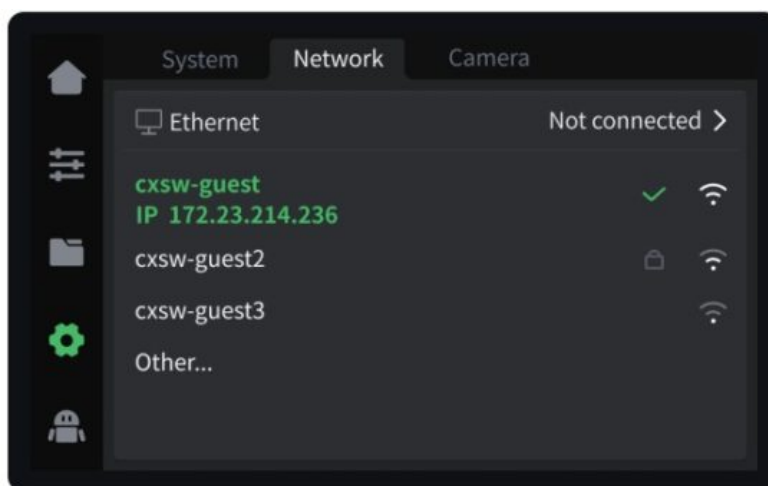
4.3.1 Software Download and Installation

 Log in to the Creality Cloud website to download Creality Print 5.0 or above slicing :

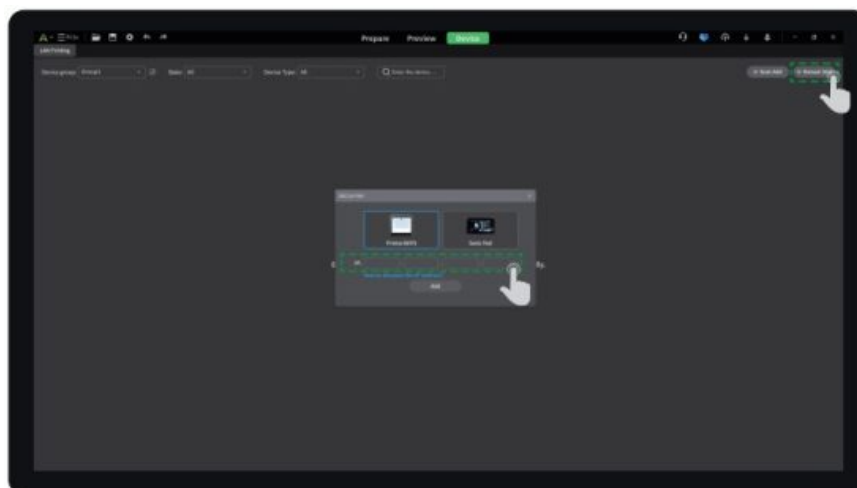https://www.crealitycloud.com/software-firmware/software/creality-print

4.3.2 Bind Machine to LAN

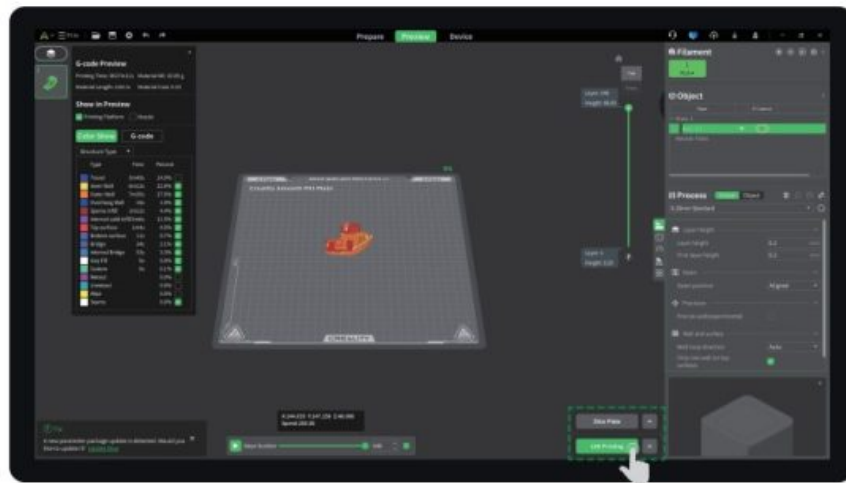1. Check the machine IP on the machine screen: Settings → Network;

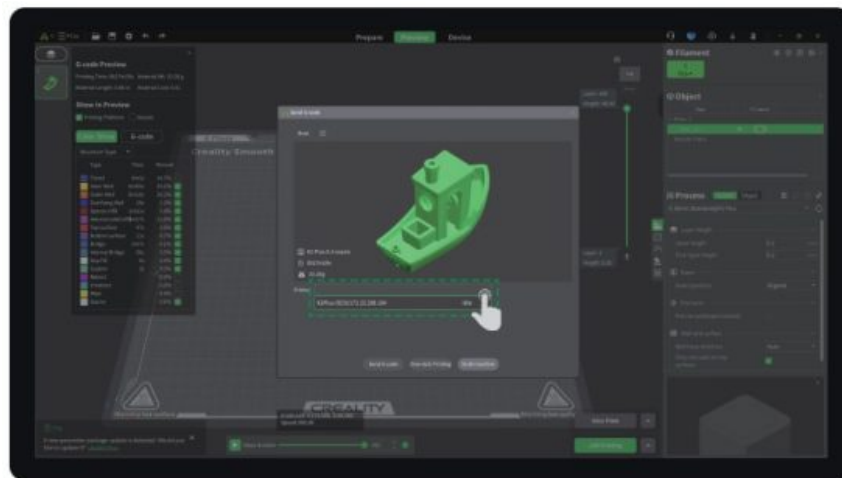2. Enter the machine IP in the slicing software for binding: Manually add → Enter IP;

 The current interface is for reference only. Please refer to the latest software/firmware UI on the official website for updates.
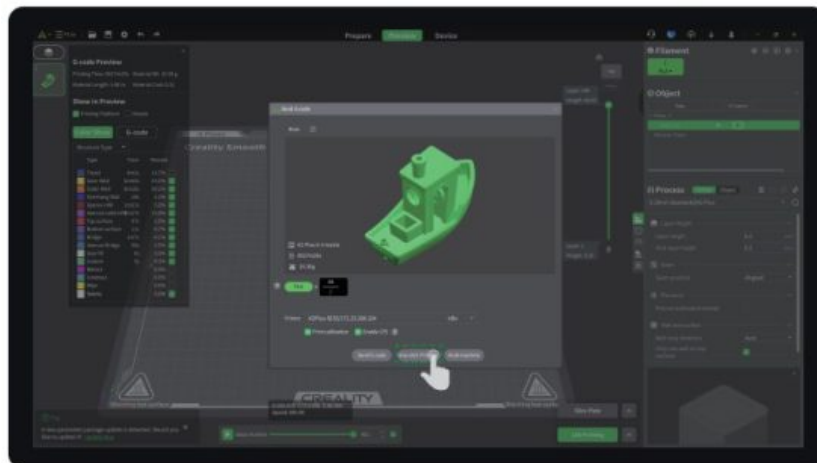
4.3.3 Slice and Send to Print

1. Click "Slice Plate", and click "LAN Printing" after slicing is completed;

2. Select the bound printer;

3. Check the machine and filament information, and click "Click to Print".

💡 For more detailed slicing software usage tutorials, please log in to the Creality 3D official Wiki:

https://wiki.creality.com/en/software/update-released

The current interface is for reference only. Please refer to the latest software/firmware

UI on the official website for updates.

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 differentfrom 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.

Documents / Resources

	[CREALITY K2 Pro Combo CFS 3D Printer](#) [[pdf](#)] User Manual 2AXH6-K2PRO, 2AXH6K2PRO, K2 Pro Combo CFS 3D Printer, K2 Pro, Combo CFS 3D Printer, Printer

References

- ⌂ [Home | Creality Wiki](#)
- ⌂ [Creality - Official Website](#)
- [User Manual](#)

📁 Creality

🏷 2AXH6-K2PRO, 2AXH6K2PRO, Combo CFS 3D Printer, Creality, K2 Pro, K2 Pro Combo CFS 3D Printer, Printer

—Previous Post
CREALITY K1 SE 3D Printer User Manual

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz   **Search**