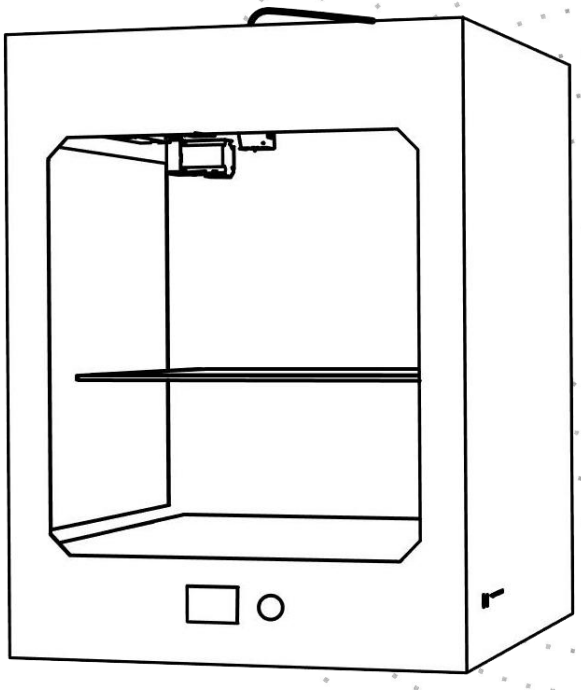
CREALITY

3D Printer User Manual

Applicable Models:
CR-5/CR-5S/CR-3040
CR-4026/CR-4040
CR-5060/CR-5080 etc.



- Because of software or hardware upgrades and model differences, new revisions may not be listed in this Manual.
- Please plug the power cord into a three-hole power jack.
- Detailed instructions for use are available in the storage card.

V.2.0

Parameters

Basic Parameters				
Mode Name	CR-5	CR-5S	CR-3040	CR-4040
Molding Size	300*225*320mm	300*225*320mm	300*300*400mm	400*400*400mm
Molding Technology	FDM			
Number of Nozzles	1			
Print Layer Thickness	0.1mm-0.4mm			
Nozzle Diameter	0.4mm			
Print Precision	±0.1mm			
Filament	1.75mm PLA			
File Format	STL/OBJ/AMF			
Printing Method	Online or Storage Card Offline			
Slicing Software	Creality Slicer/Cura/Repetier-Host/Simplify3D			
Rated Voltage	115V/230V 50/60Hz			
Output Voltage	24V			
Rated Power	230W	230W	250W	230W
Platform Temp.	≤100℃	≤100℃	≤75℃	≤55℃
Nozzle Temp.	≤250℃			
Resume Print	Yes	Yes	Yes	Yes
Filament Detector	Yes	Yes	Yes	No
Double Z Axis	No	Yes	Yes	No
Multi-Language	Support	Support	Support	Support
Operation System	Windows XP/Vista//7/8/10 MAC/Linux			
Printing Speed	≤180mm/s, Normal 30-60mm/s			

CR-5060	CR-5080	Model Name(Customized)
500*500*600mm	500*500*800mm	Customized
FDM		
1		
0.1mm-0.4mm		
0.4mm		
±0.1mm		
1.75mm PLA		
STL/OBJ/AMF		
Online or Storage Card Offline		
Creality Slicer/Cura/Repetier-Host/Simplify3D		
115V/230V 50/60Hz		
12V		
800W	800W	
⩽100℃	⩽100℃	
⩽250℃		
Yes	Yes	
Yes	Yes	
Yes	Yes	
Support	Support	
Windows XP/Vista//7/8/10 MAC/Linux		
⩽180mm/s，Normal 30-60mm/s		

CONTENTS

Dear consumers:

Thank you for choosing our products. For the best experience, please read the instructions before operating the Printer. Our 3D team will always be ready to give you the best service. Please contact us via the phone number or e-mail address provided at the end when you encounter any problem with the Printer.

For a better experience in using our product, you may learn how to use the Printer in the following ways:

1. View the accompanied instructions and videos in the storage card.

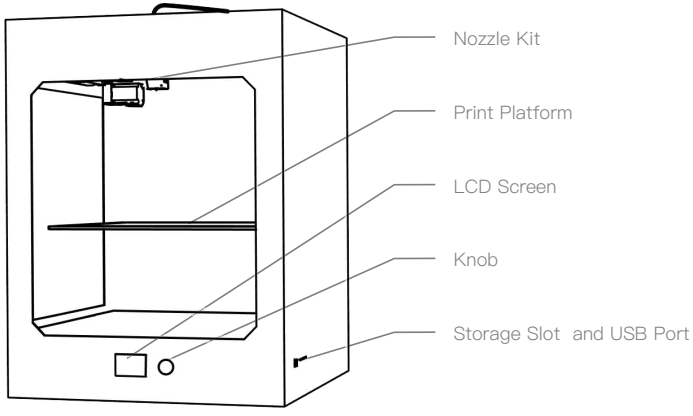
2. Visit our official website **www.creality3d.cn** You will find relevant software/hardware information, contact details and operation and maintenance instructions on the website.

Introduction.....1
General List.....2
Device Installation.....3
Screen Information.....4
Loading Filament.....5
Bed Levelling.....6
Software Installation.....7
First Printing.....8

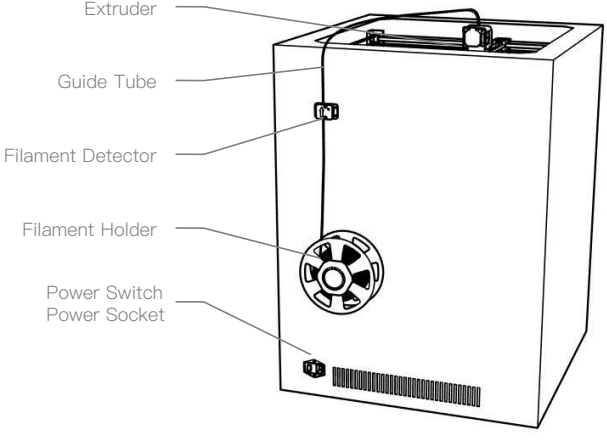
NOTES

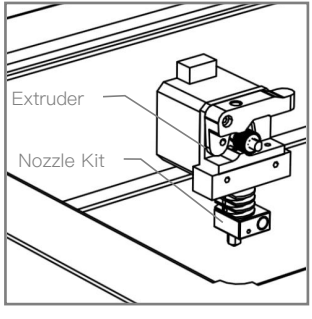
1. Do not use the printer any way other than described herein in order to avoid personal injury or property damage.
2. Do not place the printer near any heat source or flammable or explosive objects. We suggest placing it in a well–ventilated, low–dust environment.
3. Do not expose the printer to violent vibration or any unstable environment, as this may cause poor print quality.
4. It is recommended to use the manufacturer's recommended filaments to avoid blockage of the extrusion mechanism or damage to the machine.
5. Do not use any other power cable except the one supplied. Always use a grounded three–prong power outlet.
6. Do not touch the nozzle or printing surface during operation as they may be hot. Keep hands away from machine while in use to avoid burns or personal injury.
7. Do not wear gloves or loose clothing when operating the printer. Such cloths may become tangled in the printers moving parts leading to burns, possible bodily injury, or printer damage.
8. When cleaning debris from the printer hotend, always use the provided tools. Do not touch the nozzle directly when heated. This can cause personal injury.
9. It is necessary to do product maintenance regularly, and clean the body with a dry cloth when power off, wipe off dust ,bonded printed materials, and foreign objects on the rails.
10. Children under 10 years of age should not use the printer without supervision.

A、Introduction



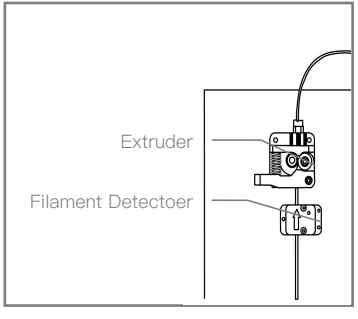
- Dual color printer without Filament Detector Device
- According to different models,the extruder is divided into two types: **Proximal Extruder** and **Remote Extruder**





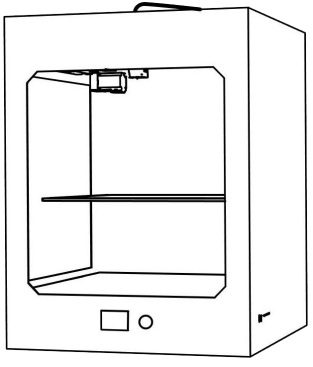
The Location Map of Proximal Extruder

OR



The Location Map of Remote Extruder

B、General List

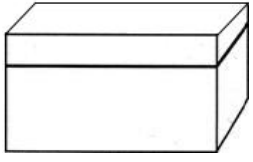


Printer



Filament

Note:
Dual-color printer, the filament holder tube,PTFE tube,nozzle,filament are double .



Tool box

Tool List

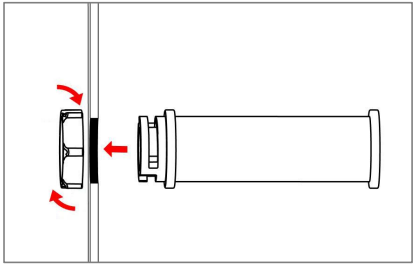
No.	Image	Name	Qty
1		Wrench & Screw Driver	1
2		Socket Wrench	1
3		Spade	1
4		Pliers	1
5		0.4mm Nozzle Cleaner	1

No.	Image	Name	Qty
6		Tweezers	1
7		Grease	1
8		Solid Glue	2
9		Power Cable	1
10		Filament Holder Tube	1

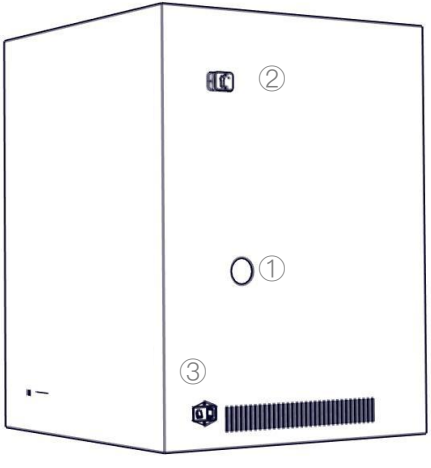
No.	Image	Name	Qty
11		PTFE Tube	2
12		USB Cable	1
13		Storage Card & Reader	1
14		Spare Parts	1
15		Utility knife	1

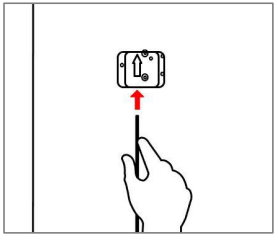
*The list is for reference, subject to the actual object.

C、Device Installtion

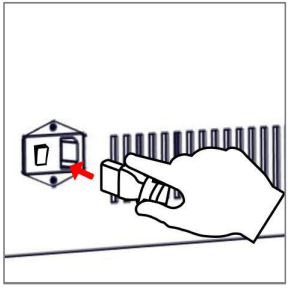


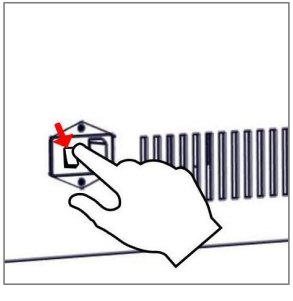
① Installing the spool holder and place the filament.





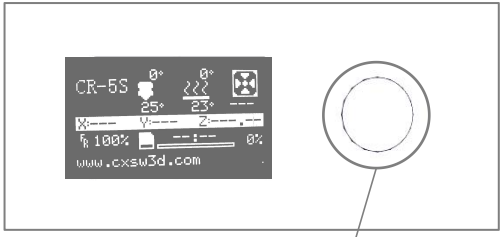
② Passing the filament through the filament doctor detector device.

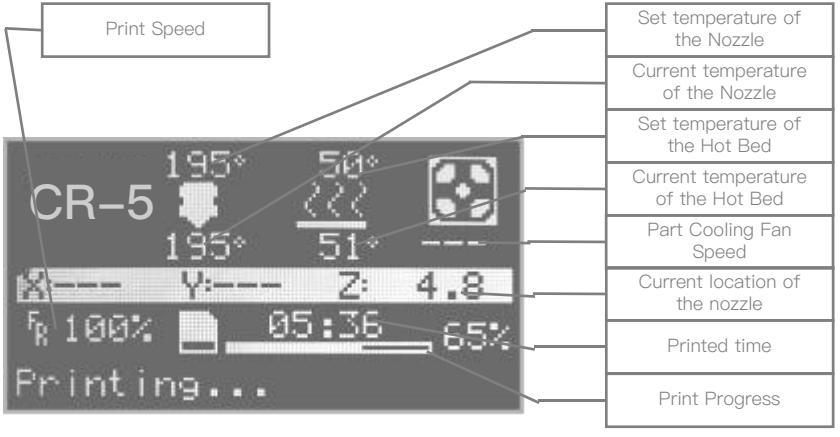




③ Connect power cable and power on

D、Screen Information





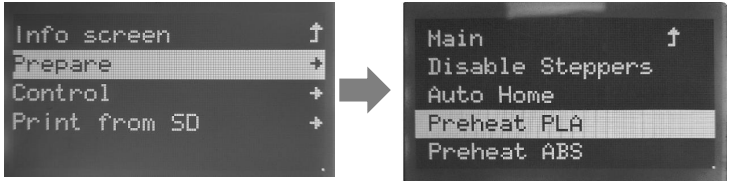
Screen Information		
Menu	Sub Menu	Explanation
Not Printed (www.creality3d.cn)		
Info Screen ↑	Main ↑	Return
Prepare→	Auto Home	Return to Zero
	Move Axis→	Moving X Y Z axis or Extruder by inputting
	Leveling	Nozzle moves to the corresponding position
	Disable Steppers	Close motor and move X Y Z axis by hands
	Preheat PLA	
	Preheat ABS	
	Cooldown	Close and cooldown the nozzle
Control→	Temperature→	Heat the nozzle and bed or change fan speed by inputting number
	Restore Failsafe	Restore factory setting
Print from Storage card	Select the printing model	
Printing		
Tune→	Speed	Change Printing Speed by Inputting
	Nozzle	Change the temperature by Inputting
	Bed	Change the temperature by Inputting
	Fan Speed	Change Fan Speed by inputting
	Flow	Change filament flow by inputting number
Pause Print	Can choose to continue printing	
Stop Print	Reprint or choose another model to print	

*The screen information is for reference, subject to the actual Printer.

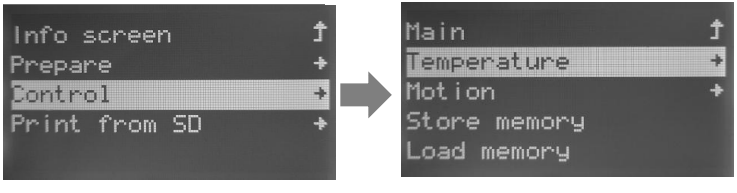
E、Loading Filament

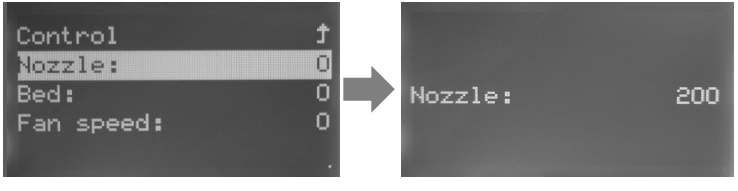
1、Preheat

Method 1

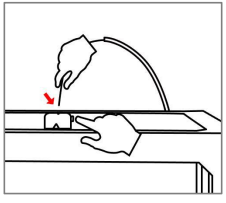


Method 2

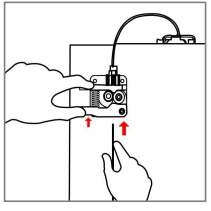


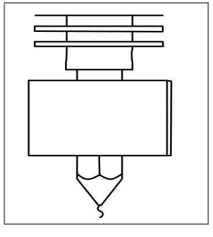


2、Feeding



Or





Press the extrusion spring, insert the filament from the small hole in the extruder to the nozzle position, and see that the filament flow out from the nozzle, that the filament has been loaded.

Dual-color printer ,the second extruder only need to deliver the filament above the nozzle module during loading. otherwise printing will be failure

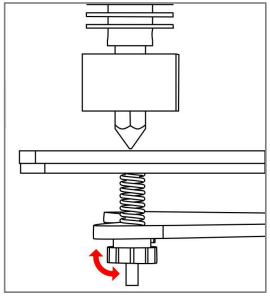
Tips：How to Replace the Filament?

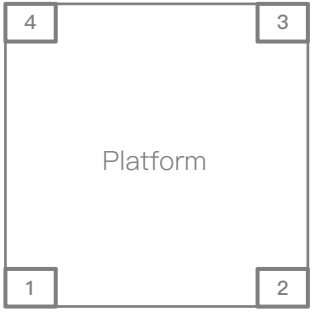
Method 1: Cut the filament that close to the extruder, and slowly feed the new filament until the filament are fed into the tube.

Method 2: After preheating the nozzle, quickly withdraw the filament and feed the new filament.

F、Bed Levelling







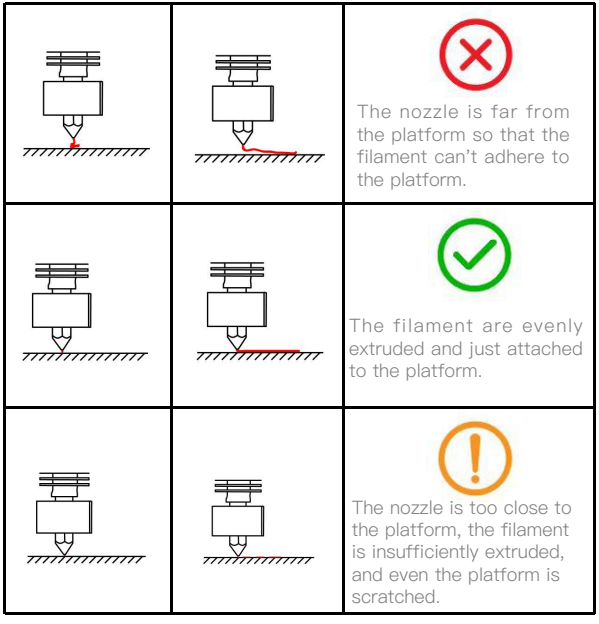
1、Prepare→Auto home，Waiting for the nozzle to move to the left front of the platform

2、Prepare→Disable Steppers，Release Stepper motor

3、Move the nozzle to the top of the platform screw. Screw and adjust the platform and nozzles so that they are in a appropriate position with about 0.05mm spacing. We can use an A4 paper to level so that the nozzle just scratches the A4 paper.

4、The adjustment of the leveling screws on the four corners is completed in sequence.

5、Repeat the above steps 1–2 times if necessary.



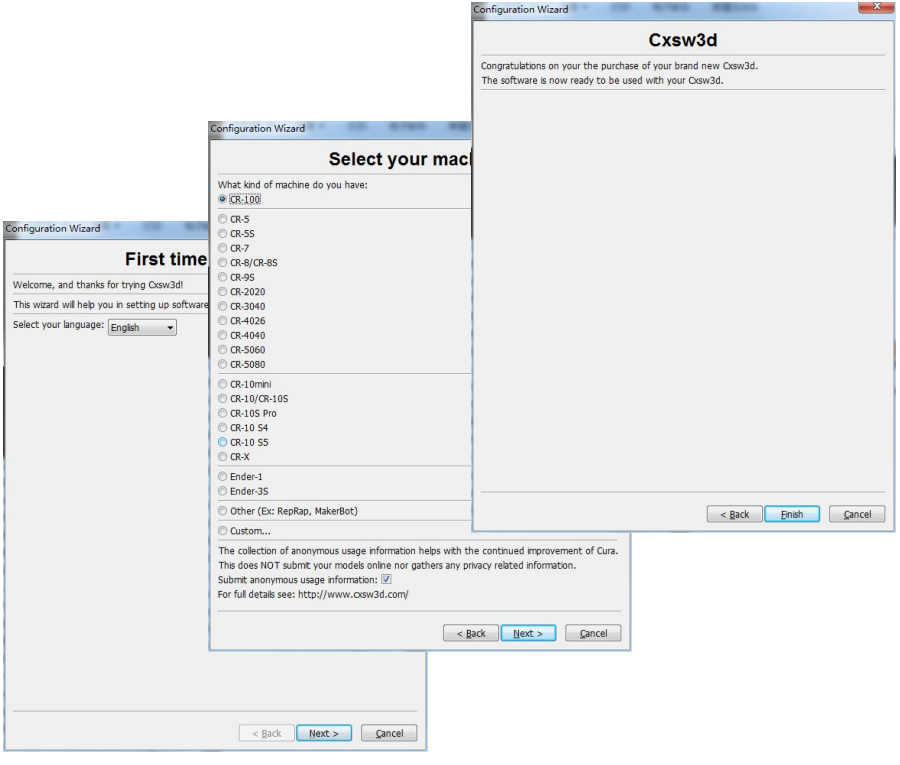
G、Software Installation



1. Double click to install the software.

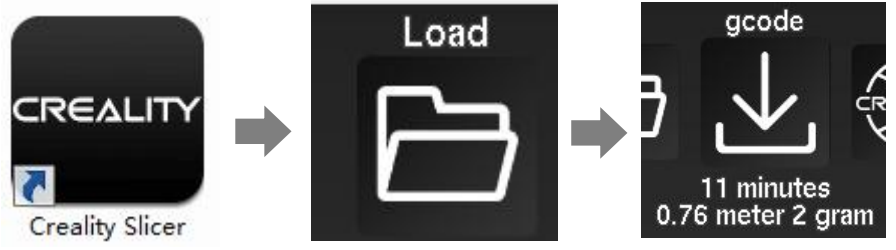


2、Double click to open the software.



3. Select language→Next→Select your machine→Next→Finish.

H、First Printing



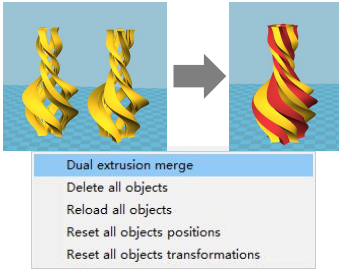
Open Creality Slicer→Load (choose file) →Change parameters→Toolpath



Insert Storage Card→Push Knob→Choose Model File→Push Knob to Print

How to print in two colors (Dual-Color printer)

Load all parts of models



R-Click to merge models

After– Sales Service

Service

1. The printer can be returned within seven days, 15 days replacement, one year warranty, lifetime maintenance.

Replacement requirement

1. The appearance of the product is intact, without damage, scratches, smudges, cracks, deformation, etc.;

2. Machine parts, tools and others are complete;

3. Provide a complete and valid purchase invoice and warranty, product number should be the same.

Warranty coverage

1. The following accessories are not included in the warranty coverage if they are not damaged by transportation: platform sticker; platform forming plate; acrylic cover; card reader and Storage card; platform glass; USB cable; filament; rack and tools,etc.

2. Profile: Before we deliver the goods, we will test machine, so maybe there will be light scratch, or due to long–distance transportation, which scratch the profile a little bit. in the premise of not affecting the normal use, in principle, not within the scope of warranty;

3. Nozzle assembly (nozzle, heating block, throat pipe,heat sink, PTFE tube, etc.) warranty period is 3 months, if they are damaged after the warranty expires, you need to purchase another one;

4. Motherboard, LCD display, power supply, hot bed,warranty period is 12 months, if there are quality problems, you can get free maintenance; over the warranty period, can be sent back to the original factory maintenance, the users need to bear the return shipping fee and maintenance costs;

5. Not included in warranty coverage:

(1) It is not possible to provide an effective after–sales service card or serial number;

(2) The whole machine and components exceed the warranty period;

(3) Equipment failure or damage caused by unauthorized modification of the equipment (private modification includes: 1. modification of the nozzle assembly; 2. modification of the machine structure; 3. use of third–party components; 4. use of third–party firmware procedures or change the original Factory firmware program, etc.);

(4) Equipment failure or damage due to incorrect installation and use;

(5) Equipment failure or damage caused by the use of the equipment in a working environment not specified by the product;

(6) Equipment failure or damage due improper use (beyond workload, etc.) or maintenance (moisture, etc.);

(7) Equipment failure or damage due to the use of other branded components or low quality consumables.

Statement:
For better highlighting the function and effectiveness of 3d printer and promoting the development of global market economic, strengthening the user self–discipline of 3d industry and establishing a good image of 3d printing, since Creality 3d printer have passed all kinds of authorized product certificates and quality management system.hereby we declare that it is strictly forbidden to use our printer to print any products or equipment that are in violation of the specific country and regions legislation.

The revision date: April 24,2019

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