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IMPRIMANTE MULTIFONCTION 1001020340

Besoin d'un conseil ? Une question sur ce produit ? RDV sur la communauté SAV Darty : https://sav.darty.com Déjà 1/2 million de solutions grâce à l'avis des utilisateurs.





3D Printer User Manual

3D打印机用户使用手册



Dear Consumers,

Thank you for choosing our products. For the best experience, please read the instructions before operating the printer. Our teams will always be ready to provide you the best services. 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 products, you can also learn how to use the printer in the following ways:

View the accompanied instructions and videos in the storage card.

Visit our official website www.creality.com to find relevant software/hardware information, contact details, operation maintenance instructions.

尊敬的用户:

感谢您选择创想三维的产品。为了您使用方便,请您在使用之前仔细阅读本说明书,并严格按照说明书的指示进行操作。 创想三维团队时刻准备为您提供优质的服务。在使用过程中无论遇到什么问题,请按照说明书结尾所提供的电话、邮箱与我们进行联系。 为了您能够更好地体验我们的产品,您还可以从以下方式获取设备操作知识:

您可以在存储卡内找到相关使用说明及视频。

您还可以登陆创想三维官网(www.cxsw3d.com)寻找相关软硬件、联系方式、设备操作、设备保养等信息。

Firmware Upgrade

Please login the official website https://www.creality.com/download, switch the language and select the relevant printer and model and download the required firmware.

固件升级

请您登录官网https://www.cxsw3d.com,点击首页→服务支持→下载所需固件,安装完成后即可使用。

NOTES 使用须知

0	
	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 cool and dustless environment.
3	Do not expose the printer to violent vibration or any unstable environment, as this may cause poor print quality.
4	Please use recommended resin to in case damage of machine.
6	Do not use any other power cable except the one supplied. Always use a grounded three-prong power outlet.
6	Do not disassemble the printer while operating the printer, so as not to affect printing.
7	Do not wear cotton gloves 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	Clean the body of the printer with dry cloth to remove dust and bonded printing materials.
0	Children under 10 years old should not use the printer without supervision.
1	Don't manually move the nozzle or printing platform quickly under the power-on state; otherwise, malfunction may be caused, leading to failure of operation.
C	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 circustance.
2	
1)请勿尝试任何使用说明中没有描述的方法来使用本机,避免造成意外的人身伤害和财产损失;
2	请勿将本机放置在易燃易爆物中或高热源附近,请将本机放置在阴凉、少尘的环境内;
8)请勿将打印机放置在振动较大或者其他不稳定的环境内,机器晃动会影响打印机打印质量;
4	建议使用厂家推荐耗材,以免造成机器损坏;
6)请勿在安装过程中使用其他产品电源线代替,请使用本机附带的电源线,电源插头需接插在带有地线的三孔插座;
6	请勿在打印机工作时拆卸打印机,以免影响打印;
6	 请勿在打印机工作时拆卸打印机,以免影响打印; 请勿在操作打印机时戴棉手套,以防可动部件对人身造成卷入挤压和切割伤害;
6 7 8	〕请勿在打印机工作时拆卸打印机,以免影响打印; 〕请勿在操作打印机时戴棉手套,以防可动部件对人身造成卷入挤压和切割伤害; 在打印完毕后及时利用喷头的余温借助工具将喷头上的耗材清理干净,清理时请勿直接用手触摸喷头,以防出现烫伤;
6 7 8 9	请勿在打印机工作时拆卸打印机,以免影响打印;)请勿在操作打印机时戴棉手套,以防可动部件对人身造成卷入挤压和切割伤害;)在打印完毕后及时利用喷头的余温借助工具将喷头上的耗材清理干净,清理时请勿直接用手触摸喷头,以防出现烫伤;)用干布对打印机做机身清洁,拭去灰尘和粘结的打印材料;
6 7 8 9 1	请勿在打印机工作时拆卸打印机,以免影响打印; 请勿在操作打印机时戴棉手套,以防可动部件对人身造成卷入挤压和切割伤害; 在打印完毕后及时利用喷头的余温借助工具将喷头上的耗材清理干净,清理时请勿直接用手触摸喷头,以防出现烫伤; 用干布对打印机做机身清洁,拭去灰尘和粘结的打印材料; 年龄在10岁以下的儿童,请勿在没有人员监督的情况下使用本机,以免造成人身伤害;
6 7 8 9 10	请勿在打印机工作时拆卸打印机,以免影响打印;)请勿在操作打印机时戴棉手套,以防可动部件对人身造成卷入挤压和切割伤害;)在打印完毕后及时利用喷头的余温借助工具将喷头上的耗材清理干净,清理时请勿直接用手触摸喷头,以防出现烫伤;)用干布对打印机做机身清洁,拭去灰尘和粘结的打印材料; 1年龄在10岁以下的儿童,请勿在没有人员监督的情况下使用本机,以免造成人身伤害;]请勿在开机状态下手动快速移动喷头或打印平台,否则设备有可能会出现故障,无法正常工作;

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- 1 XZ-axis kit XZ轴组件
- 2 X-axis limit switch X轴限位开关
- 3 Z-axis limit switch Z轴限位开关
- 4 Screen 显示屏
- 5 Nozzle kit 喷头套件
- 6 Print platform 打印平台

- 7 Knob 旋钮
- 8 Extruder 挤出机
- 9 E-axis motor E轴电机
- 10 Tool box 收纳盒
- 11 Power 电源
- 12 Power outlet 电源插座

13 Handle 把手

14 Material rack and material tube 料架及料管

22.

- 15 Y-axis motor Y轴电机
- 16 Toggle switch 拨动开关
- 17 Coupling 联轴器

2. Equipment Parameters 设备参数

Basic Parameters 基本参数						
Model 型뮥	Ender-2 Pro					
Printing Size 成型尺寸	165*165*180mm					
Molding Tech 成型技术	FDM					
Nozzle Number 喷头数量	1					
Slice Thickness 切片层厚	0.1mm-0.4mm					
Nozzle Diameter 喷嘴直径	Standard 0.4mm 标配0.4mm					
Precision 打印精度	±0.1mm					
Filament 打印材料	PLA/TPU/Wood 木材					
File Format 切片支持格式	STL/OBJ/AMF					
Working Mode 打印方式	USB or storage card USB或存储卡脱机					
Slice Software 可兼容切片软件	Cura/Repetier-Host/Simplify3D					
Rated Voltage 额定电压	115/230V.ac 50/60Hz					
Rated Power 额定功率	150W					
Bed Temp 热床最高温度	≤80°C					
Nozzle Temp 喷嘴最高温度	≤260°C					
Resume Print 断电续打	Yes 支持					
Filament Detector 断料检测	No 不支持					
Auto Leveing 自动调平	No 不支持					
Language Selection 语言切换	English 中文					
Operating System 电脑操作系统	WIN/XP/MAC/Linux/Vista					
Printing Speed 打印速度	30-100mm/s					

3. Package Content 零件清单



*Tips: the above accessories are for reference only, please refer to the physical accessories! 注意: 以上配件仅供参考,请以实物为准!

4.Assemble XZ-axis Kit 组装XZ轴组件

XZ-axis kit are vertically installed on the base. (As shown in the figure) | XZ轴组件垂直安装在底座组件。(如图所示)



>>)

5. Fix XZ-axis Kit 固定XZ轴组件

A.Screw up two M4x16 hexagonal socket button head cap screws from the front. |将两颗M4x16内六角平圆头螺丝从正面扭紧固定。

B.Tighten and secure it with two M5x45 cylinder-head combination screws with washer from the bottom. | 再用两颗M5x45圆柱头带垫组合螺 丝从底部扭紧固定。

9 M4x16 hexagon socket x 2 button head screws M4x16内六角平圆头螺丝



0 M5 x 45 cylinder-head x 2 combination screw with washer M5×45圆柱头带垫组合螺丝



6.Install the Rack 安装料架组件

Fix the threaded end of the material tube on the rack, then align the screw hole of the rack with the position of the base, and finally fix it with one M5x40 hexagonal socket button head cap screw. (As shown in the figure) 将料管带螺纹的一端固定在料架上,再把料架的螺孔对准底座组件的位置,最后用一颗M5x40内六角平圆头螺丝扭紧固定。(如图所示)



7. Assemble Handle 组装把手

A. Overlap the bottom of the handle with the top surface of the profile. |将把手的底面与型材上表面定位重合。 B. Fix it with two M5x14 hexagonal socket button head cap screws. | 再用2颗M5x14内六角平圆头螺丝扭紧固定。



8. Cable Connection 设备接线

- A.Connect X, E, Z-axis motor wires according to the yellow label on the 6-pin (5 wires) port. | 按照6-pin(5根线)端口上黄色标签提示连接X、E、Z 轴步进电机。
- B.Connect X, Z-axis limit switch wires according to the yellow label on the 3-pin (2wires) port. | 按照3-pin(2根线)端口上黄色标签提示连接X、Z轴限位开关。





<u>>></u>)

9. Cable Connection 设备接线

A.Align the flat cable socker with the slot at the back of display, and then insert it. | 排线的卡扣与显示屏里面的卡扣吻合,再插入。 B.Plug in the power cord. | 插入电源线。







 $\rangle\rangle$

Caution

Select the correct input voltage to match your local mains (115/230V)
Damage can occur if voltage is set incorrectly.

• Connect the power cord and turn the power switch to 1 to turn it on.

●选择正确的输入电压以匹配您的本地电源。 (115/230V)

●如果电压设置不正确,可能会造成损坏。 ●连接电源线并将电源开关拨至1档即可开机。

Do not connect or disconnect the cables when the machine is powered on. 当机器通电时,请勿连接或断开连接线。

10. Install Display Screen 安装显示屏

Align the two posts on the right side of the display screen with the slots of the base, and move them down to fix. (As shown in the figure) 将显示屏组件右侧处的两个卡柱对准底部组件的卡槽往下移动加以固定。(如图所示)



3 Screen kit | 显示屏组件 x 1



11. Solution for V-wheel Jamming V轮卡顿解决方案

X/Y/Z axis V-wheel adjustment: After the machine is assembled gently dial the wheel to check whether it is idling or stuck. If this phenomenon occurs, use an open-end wrench to adjust the hexagonal eccentric isolation column to make it rotate smoothly.

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X/Y/Z轴滑轮调节:机器组装完成后,用手轻拨滑轮,检查其是否有空转和卡顿,如有此现象请使用开口扳手调节六角偏心隔离柱,使其转动运动顺 畅。



12. Bed Leveling 调平平台

Motion →Auto Home→ Disable Steppers (Release the motor). | 运动→自动回到原点→ 关闭步进电机(释放电机)





13. Bed Leveling 调平平台

Move the nozzle the front/left leveling screw and adjust the platform height by turning the knob underneath (The thickness of a piece of A4 paper).

Use a piece of A4 paper (standard printer paper) to assist with the adjustment, making sure that the nozzle lightly scratches the paper.

Complete the adjustment of the screw on all 4 corners. Repeat above steps 1-2 times if necessary. Keep adjusting until there is slight resistance on the A4 paper from the nozzle.

移动喷嘴至螺丝上方附近。拧动螺丝,调节打印平台喷嘴使二者处于刚好贴合状态,间距约为0.1mm(一张A4纸的厚度)。

我们可以利用一张A4纸辅助调平,使喷嘴刚好能在A4纸上产生划痕。依次完成四个边角上调平螺丝的调节。不断调整直到在拉动A4纸时能感受到来自喷嘴的轻微阻力。





Method 1



方法1



14

Method 2



方法2







16. Preheating 预热

When you wait for the temperature to rise, hang the filament over the filament holder. | 当您等待温度上升时,把耗材挂在料架上。



17. Load Filament 装料

When target temperature is reached, hold the extruding clamp by hand and insert filament into the small hole of the extruder until the nozzle position. When filaments flow out of the nozzle, meaning that the filaments have been loaded. 当温度达到目标温度时,用手捏住挤出夹,将耗材插入挤出机小孔直至喷嘴位置,看到喷嘴处有耗材流出即表示耗材已经装载完成。



Tips: How to Replace the Filament?

- 1. Cutting filament near the Extruder and slowly feed new filament until they are fed into the new filament.
- 2. Withdrawing the filament quickly and feeding the new faliment after nozzle preheated and filament pushed a little forward.

提示:如何更换耗材?

- 方法一、在靠近挤出机处将耗材剪断,将新耗材缓缓送入,直到耗材被送入导料管为止。
- 方法二、预热喷嘴后,将耗材往前推进一下后,迅速抽出耗材,将新耗材送入。



3.依次选择语言→Next→选择对应 机型→Next→Finish,完成设置. -

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the for the		
A4793		

5.Generate G-code, and save the gcode file to storage card. 生成 G 代码→保存到存储卡



6.Insert the storage card \rightarrow press the knob \rightarrow Print from Card \rightarrow > Choose the file to be printed.

插入存储卡→按下按钮→存储卡上打 印→要打印的文件

Configuration Change Filament Language Release Card Print from Card	+ + +	>>	Main ORefresh sj-012.gcode 6d357bdaa.gcode mario.gcode



characters or other special symbols.

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Notes: For details on the software instructions, please refer to the slicing software manual in the **storage card**. 温馨提示:软件使用说明详情,请见存储卡内切片软件使用手册!

Please don't insert or remove the storage card during printing. 警告:在打印过程中,禁止插拔存储卡。

File names must be Latin letters or numbers, not Chinese

文件名需为拉丁字母或数字,不能为汉字或其他特殊符号。

20. Circuit Wiring 电路接线

电源输入



21. Trouble-shooting 1. Wipe Storage-card 2. Format Storage-card 3. Replace Storage-card Storage-card Start Play by 1. Rename the file with alphabet and File name storage card numbers Other files are normally Any random File is identified 1. Move the model and restart the slicing Y/N N - 1 Slice code? 2. Restore the model with software printed? 1. Reconnect the cables Home XYZ Stepper 2. Check via the replacement method Pass 1. Reconnect the cables limit Y/N Move? home switch 2. Check via the replacement method Heat bed Hot bed 1. Reconnect the cables Resolved damaged & Bed is Temperature Y/N Results Thermistor 1. Reconnect the cables contact for heated? is normal? replacement The fault Heat Heat pipe 1. Reconnect the cables cannot be nozzle identified. contact to resolved Nozzle is y-Temperature Y/N Thermistor 1. Reconnect the cables heated? is normal? 1. Restart the slicing Slice/ Misaligned Print Timing 2. Adjust the tension of the synchronous belt belt 1. Secure the screw on the top of the extursi-Extrusion Y/N Spray? on gear gear loose

Other

Filament

E motor

1. Clean the filament

2. Replace filament

1. Reconnect the cables

2. Check via the replacement method

P ceding roller

sotates

Pilament is

normal?

E stepper

rotates?

End

22. 故障检修



22

FDM 3D PRINTING FILAMENTS



HP-PLA

Upgraded environmentally friendly formula, matte effect, high toughness, and fine printing. The raw materials are imported from the United States, besides, there are rich colors for customers to choose.



Targeting at mid-end users, CR series is with transparent tray plus black-white color box design. Its slight tolerance in wire diameter contributes to stable printing quality. CR series meets your demands of daily design and prototype making.



Ender series is widely applied to general FDM printer design, which meet customers' needs of daily design and different prototyping needs.



HC series is cost-efficient. It's widely applicable to general FDM printer product designs on the market to meet your daily design and different prototyping needs.

Material		Print Temp (°C)	Bed Temp (°C)	Difficulty	Flexibility	Shrinkage	Ductility	Applicable Models
	HP-PLA	190-220	50-60	•	••	•	•••	Suitable for 99% FDM models
PLA	HP-PLAx3	190-220	50-60	•	••	•	•••	Suitable for 99% FDM models
Series	CR-PLA	190-220	50-60	•	••	•	•••	Suitable for 99% FDM models
	HC/EN-PLA	190-220	50-60	•	••	•	••	Suitable for 99% FDM models
ABS		220-260	90-110	••••	••	•••	•••	Hot bed is needed, and Creality printer enclosure is recommended for DIY machine
PETG		230-250	60-100	•••	••	••	•••	Hot bed is needed, and Creality printer enclosure is recommended for DIY machine
TPU		210-240	50	••	••••	•	••••	Direct extrusion models
Silk		190-220	50-60	•	••	•	••	Suitable for 99% FDM models
Nylon		230-260	80-90	••••	•••	••••	••••	Hot bed is needed, and Creality printer enclosure is recommended for DIY machine
Carbon (Ordinary type)		190-220	50-60	•	•	•	••	Suitable for 99% FDM models
PDS Advertising word filament-PLA		190-220	50-60	•	••	•	••	Creality K5、K8、T5
Low temperature filament-PCL		60-100	-	•	•••	•	••••	Low temperature 3D printing pen

3D打印耗材



定位中高端用户,透明盘+黑白彩盒设计,线径 公差小,打印性能稳定。可以满足您日常的设 计和原型制作需求。具有出色的机械性能和打 印质量。



->>>

厂 这這用市面上通用型FDM打印机,开可以 按照您的需求量身定制,可以满足您日常的 设计和不同的原型制作需求,让想象插上翅 膀。



高性价比款,广泛适用市面上通用型FDM打 印机,并可以按照您的需求量身定制,可以 满足您日常的设计和不同的原型制作需求。

材质		打印温度 (°C)	热床温度 (℃)	打印难度	柔软度	收缩率	韧性	适用机型
	HP-PLA	190-220	50-60	•	••	•	•••	适配99%FDM机型
PLA	HP-PLAx3	190-220	50-60	•	••	•	•••	适配99%FDM机型
系列	CR-PLA	190-220	50-60	•	••	•	•••	适配99%FDM机型
	HC/EN-PLA	190-220	50-60	•	••	•	••	适配99%FDM机型
ABS		220-260	90-110	••••	••	•••	•••	需要热床,DIY机推荐使用Creality保温罩
PETG		230-250	60-100	•••	••	••	•••	需要热床,DIY机推荐使用Creality保温罩
TPU		210-240	50	••	••••	•	••••	近端挤出机型
Silk		190-220	50-60	•	••	•	••	适配99%FDM机型
Nylon		230-260	80-90	••••	•••	••••	••••	需要热床,DIY机推荐使用Creality保温罩
Carbon (普通型)		190-220	50-60	•	•	•	••	适配99%FDM机型
广告字耗材-PLA		190-220	50-60	•	••	•	••	Creality K5、K8、T5
低温打印笔耗材-PCL		60-100	-	•	•••	•	••••	低温打印笔

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

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