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HALOT-PLAY

HALOT-PLAY

3D Printer User Manual

3D打印机用户使用手册

V1.1

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 render 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 product, you can also learn how to use the printer in the following ways: View the accompanied instructions and videos in the U disk.

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

随机使用说明：您可以在U盘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.creality.cn)寻找相关软硬件、联系方式、设备操作、设备保养等信息。

Firmware/Software Downloads and Upgrades

The Printer already supports the following slicing software, and further functions are on the development roadmap.

- Download the firmware and HALOT BOX slicing software at: https://www.creality.com
- Download the CHITUBOX slicing software at: https://www.chitubox.com

固件/软件下载与升级

该产品已支持以下切片软件，更多功能正在持续开发中。

- 固件/HALOT BOX切片软件下载地址：https://www.creality.cn
- CHITUBOX切片软件下载地址：https://www.chitubox.com/

NOTES 使用须知

1. Do not use the printer any way other than described here 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. Please use recommended resin to in case damage of machine.
5. Do not use any other power cable except the one supplied. Always use a grounded three-prong power outlet.
6. Please do not open the plastic cover during usage, otherwise the printing will be interrupted.
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. Please wait a moment after the print is finished. And please wear gloves to take out the print by tools.
9. Clean the printer frequently. Always turn the power off when cleaning, and wipe with a dry cloth to remove dust, adhered printing plastics or any other material off the frame, guide rails, or wheels. Use glass cleaner or isopropyl alcohol to clean the print surface.
10. Children under 10 years should not use the printer without supervision.
11. Tips：Do not plug or unplug the power cord when power on.
12. 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.

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，请将本机放置在通风、阴凉、少尘的环境内；
3. 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；
5. 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. 请勿在操作打印机工作时打开打印机面盖，以免影响打印；
7. 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；
8. 在打印完毕后稍等片刻，戴上手套后再取下打印平台，借助工具将平台上的模型取下，清理时请勿直接用手触摸；
9. 常做产品维护，定期在断电的情况下，用干布对打印机做机身清洁，拭去灰尘和粘结的打印材料、导轨上的异物；
10. 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；
11. 温馨提示：请勿带电插拔电线；
12. 使用者应遵守设备所在地（使用地）相应国家、地区法律法规，恪守职业道德，注意安全义务，严禁将我司的产品或设备使用在任何非法用途上。如有违反者所应承担的相关法律责任我司概不负责。

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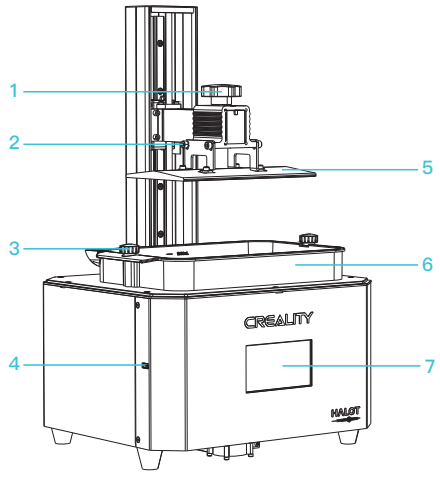
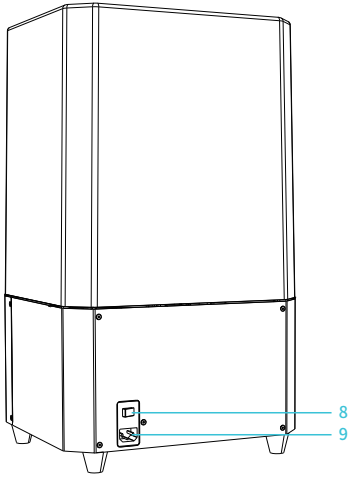
1. Equipment Introduction 设备简介





1 Hexalobular socket screw
梅花胶头手拧螺丝

2 Leveling screw
调平螺丝

3 Hexalobular socket screw
梅花胶头手拧螺丝

4 USB port
USB接口

5 Buliding platform
成型平台

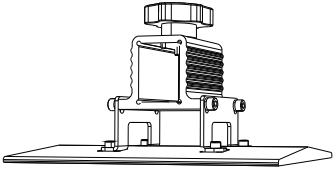
6 Resin vat
料盘

7 Touch screen
触摸屏

8 Power switch
电源开关

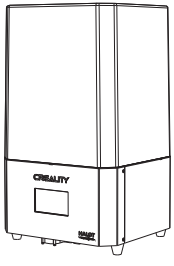
9 Power socket
电源接口

2. Parts List 零件清单



1 Print platform | 打印平台 x 1

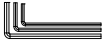
2 Resin vat | 料盘 x 1



3 3D printer | 打印机 x 1

Tool list 工具包清单

1 U disk ×1
U盘



2 Screwdrivers ×1 set
螺丝刀工具包

3 Power cord ×1
电源线

4 Resin filter
纸漏斗

5 Plastic blade ×1
塑料铲刀

6 Metal blade ×1
金属铲刀

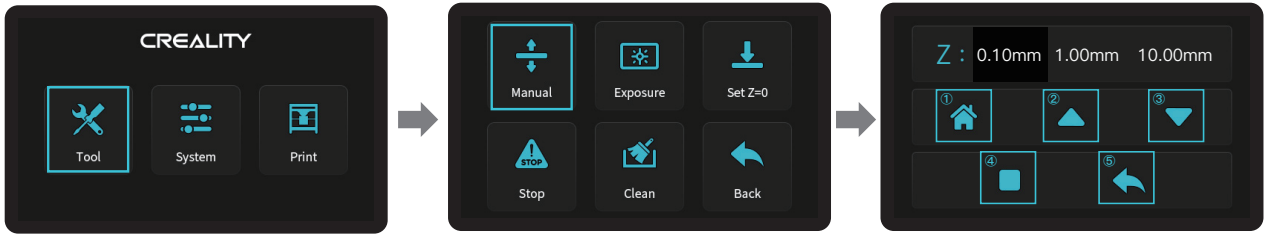
7 Release film ×1
离型膜

8 Calibration card ×1
校准卡片

9 Grease ×1
润滑脂

Tips: the above accessories are for reference only, in kind prevail! | 注意：以上配件仅供参考，请以实物为准!

Tools



E-stop: When the platform is in the process of rising or falling, click [E-stop] to forcibly stop the platform from rising or falling (this feature is mainly used to prevent damage to the equipment caused by operational errors when there are foreign objects on the platform and in the trough).

① Auto Homing ② Up
③ Down ④ Stop ⑤ Back

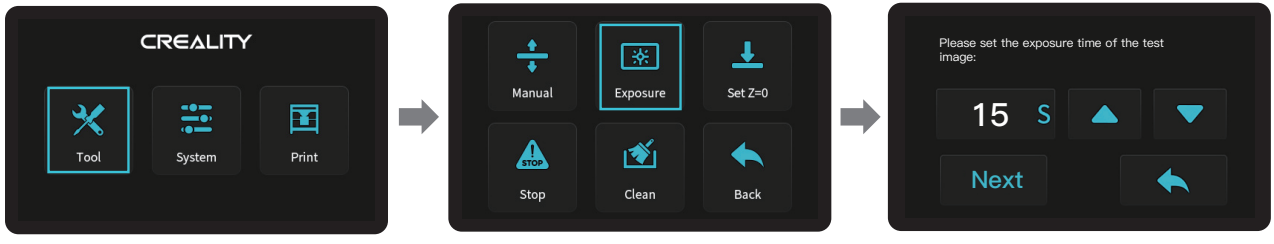
工具

紧急停止：当平台处于上升或下降的过程中，点击【紧急停止】可强行停止平台升降，（该功能主要用于预防平台及料槽存在异物时，操作失误导致的设备损坏）。

① 归零 ② 上升 ③ 下降
④ 停止 ⑤ 返回

3. Interface Information 界面信息

Exposure



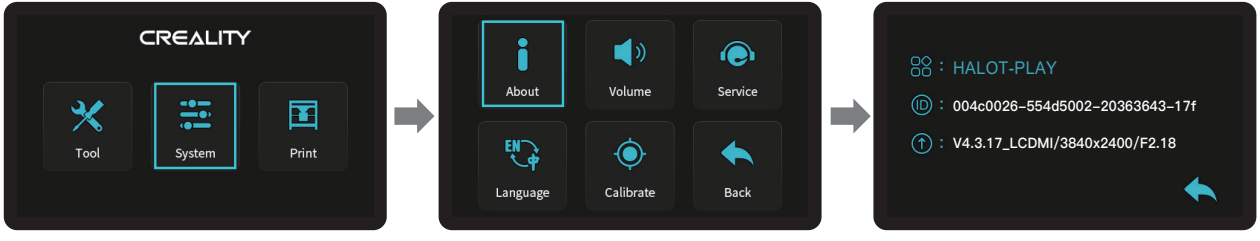
曝光测试

Note: If the exposure graph does not match the example graph, please contact our customer service staff.
注意:如曝光图与示例图不符,请联系官方客服人员进行反馈。

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.
当前界面仅供参考,由于功能不断升级,实际以官网最新软件/固件UI为准。

3. Interface Information 界面信息

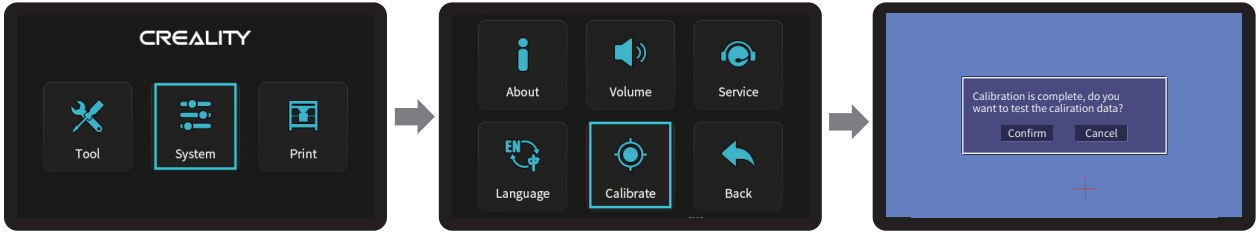
System



系统

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.
当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

Calibrate



Make corrections by clicking on the "+" sign on the screen and then click "OK" to enter the test.

校正

通过点击屏幕“+”号进行校正后，点击“确定”即可进入测试。

Note: If a correction action cannot be performed, please contact our customer service staff.
注意：如校正动作无法执行，请联系官方客服人员进行反馈。

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.
当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

3. Interface Information 界面信息

Print

① Turn up ② Turn down ③ Back

① Delete ② Print/stop ③ Back

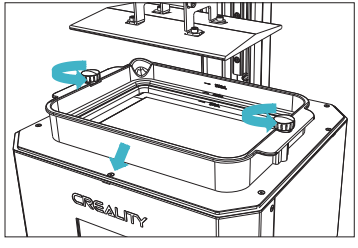
打印

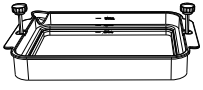
① 上翻 ② 下翻 ③ 返回

① 删除 ② 打印/停止 ③ 返回

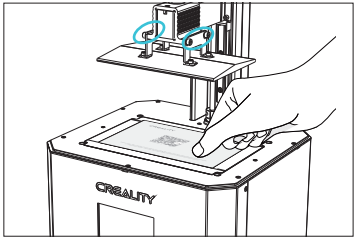
The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/firmware UI published on the official website. | 当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

4. Level Platform 调平平台

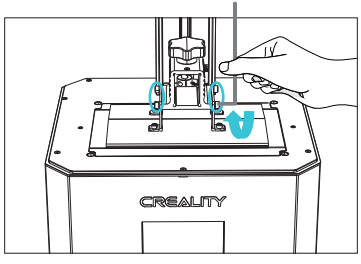




1. Raise the platform, loosen rubber screws on the left and right sides of the resin vat, and take out the resin vat.
进行打印平台的校准，首先上升平台，拧松料槽左右两侧胶头手拧螺丝，将料槽取出。



2. Loosen the four screws of the junction plate of the forming platform plate, press the calibration card against the print screen and press Tools → Manual → Homing to check whether the platform fits evenly with the paper.
松开成型平台板连接板的四颗螺丝，将校准卡片贴紧打印屏，按工具→手动→归零，检查平台是否与纸张均匀贴合。

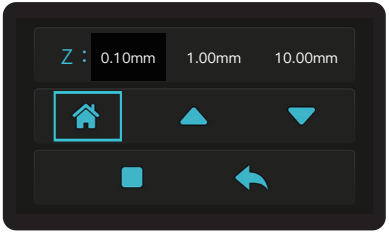


3.After ensuring the calibration card is evenly fitted, tighten the four screws of the platform diagonally.
确认校准卡片均匀贴合后，依次对角锁紧平台的四颗螺丝。

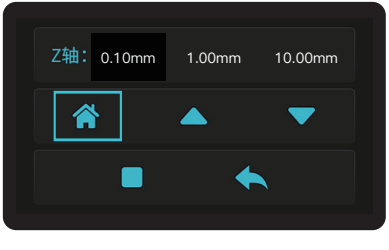
Note: The platform has been leveled at the factory. If it needs leveling due to transportation or other reasons, please follow the steps below to adjust the printing platform.

注意：打印平台出厂时已调平，若因运输或其他原因需要调平，可以按照以下步骤进行打印平台调平。

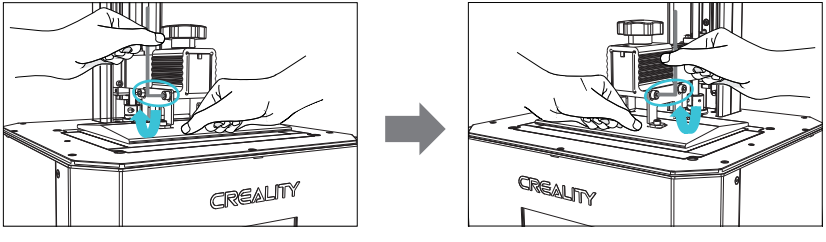
4. Level Platform 调平平台



1. After loosening the leveling screws, press the "Homing" on the touch screen to keep the platform balanced with the base plate.

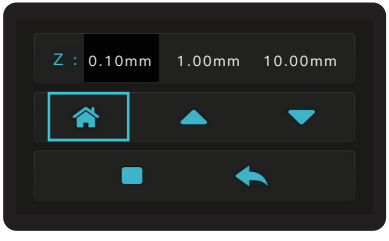


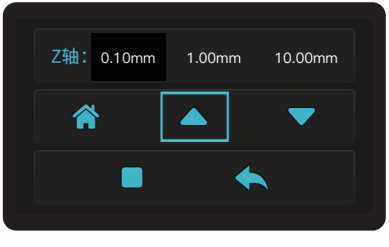
1. 拧松调平螺丝后，按触摸屏“归零”，保持平台与底板部分平衡。

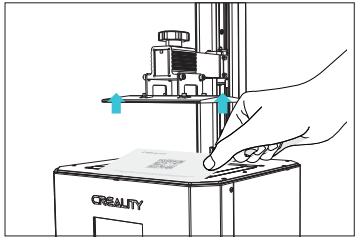


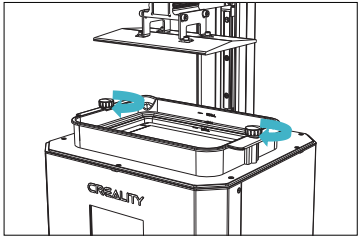
2. Gently press the platform and tighten 4 screws clockwise, and the platform can be leveled successfully.
轻压平台两端，依次对角锁紧4个平台螺丝，即平台调平成功。

Note: The platform has been leveled at the factory. If it needs leveling due to transportation or other reasons, please follow the steps below to adjust the printing platform.
当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。







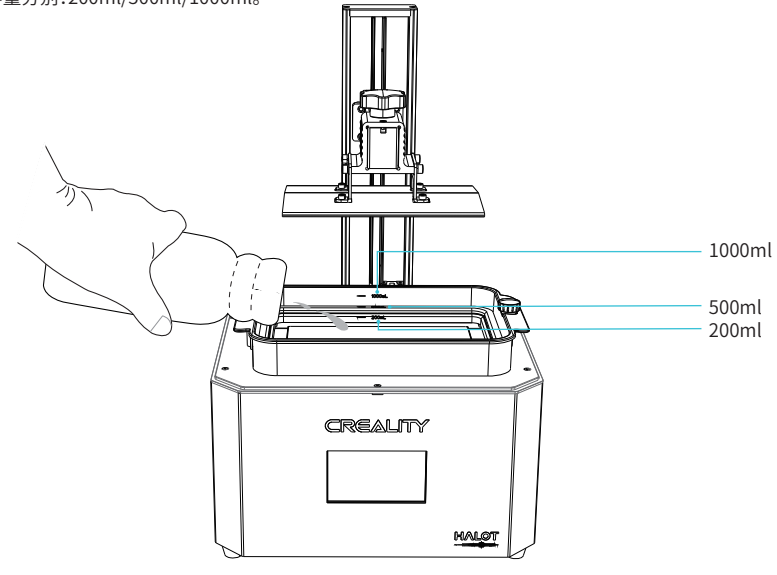


3.Move up the z-axis to a proper position, remove the calibration card and install the resin vat back, and then tighten the fixing screws at both ends of the resin vat.
控制Z轴上移，至合适位置，将校准卡纸取出，放入料盘，对准料盘两端螺孔后，旋紧两端的料盘固定螺丝。

Note: The platform has been leveled at the factory. If it needs leveling due to transportation or other reasons, please follow the steps below to adjust the printing platform. 当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

5. Load Resin 装料

Pour the UV photosensitive resin into the resin vat. The slot capacity is 200ml/500ml/1000ml.
将3D打印机UV光敏树脂倒入料盘，槽位容量分别：200ml/500ml/1000ml。

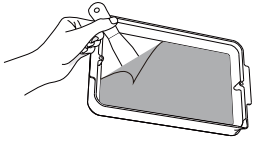


Tips: How to change resin?
Take out the resin vat slowly, pour out the remaining resin into the container, clean the resin vat, pour in new resin,and then install the resin vat to the machine.
提示：如何更换耗材?
将料盘缓缓取出，把剩余树脂倒入容器，清洗干净料盘，重新倒入新树脂，再把料盘安装到机器即可。

Caution:
① Resin may cause skin irritation or an allergic skin reaction. Please wear gloves before use to avoid direct contact with the skin.
② Do not exceed the maximum capacity scale of the tray when pouring in filaments to prevent them from overflowing during the printing process.
警示：
① 请戴上手套方可进行装料，光敏树脂为刺激性材料，避免接触到皮肤；
② 倒入耗材请勿超过料盘最大容量刻度线，防止打印过程中耗材溢出。

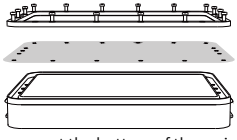
6. Release Film Instructions 离型膜安装说明

❶



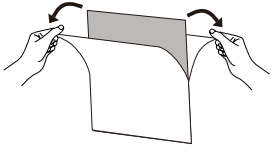
Recycle the resin in the resin vat back into the original bottle, then clean up. (Note: Please make sure there are no residue matter left inside the Vat) | 对料槽内树脂进行回收并清理料槽(注意:确保无残留树脂等异物)

❷



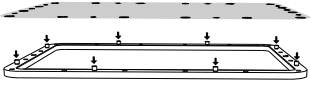
Remove all the screws at the bottom of the resin vat, take out the fixing plate and the release film. (Note: The fixing plate andthe vat bottom need to be cleaned)
拆卸料槽底部螺丝，取出料槽底部离型膜固定板和需替换的离型膜(注意:需清理离型膜固定板和料槽底部)

❸



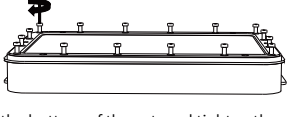
Gently remove the protective film on the front and back of the release film. | 撕下离型膜正反面保护膜

❹



Align the release film positioning holes with the fixing plate positioning posts. | 将离型膜定位孔与固定板定位柱进行定位

❺



Press into the bottom of the vat, and tighten the screws diagonally across from each other one at a time. (Note: Make sure there are no debris between the fixing plate and release film) | 压入料槽底部，斜对角依次锁紧料槽底部螺丝(注意:确保离型膜和固定板间无异物)

❻

Make sure the release film is flat and tight after installation. (Note: If not flat or loose, please check whether the screws are locked or the release film is abnormal) | 确认离型膜安装后保持平整和紧致(注意：如不平整或松弛，请检查螺丝是否锁紧或离型膜是否异常)

Parameters
规格参数

(Size) 尺寸：
266*190mm

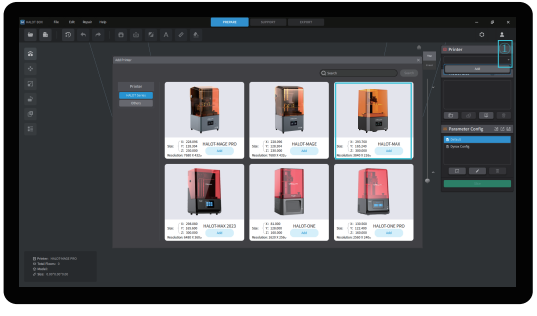
THK

(Thickness) 厚度：
0.15-0.2mm

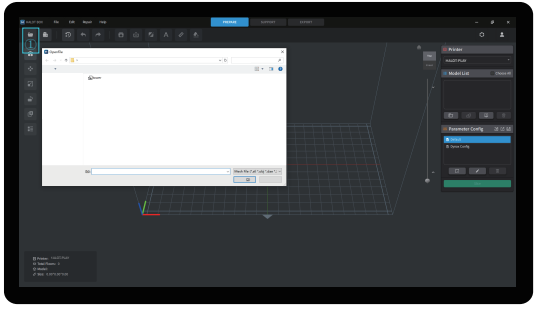
(Light Transmittance) 透光率：
95%

Tips: ① The diagram is a reference for the film change procedure, please refer to the physical product; if there are excess edges after installation of the release film, you will need to cut them off.
② It is recommended to replace the release film when it has been used for more than 200 hours.
温馨提示: ① 图示为换膜步骤参考，请以实物为准；如离型膜安装后存在多余边缘，需要将多余边缘切割；
② 离型膜使用超过200小时建议更换。

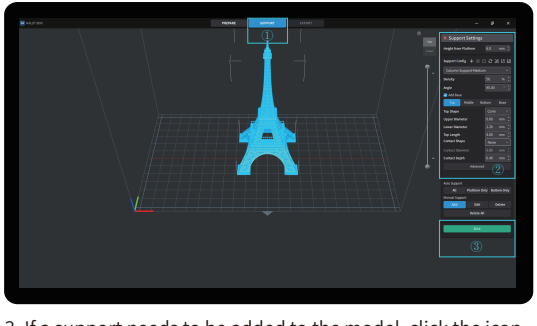
1. Slicer



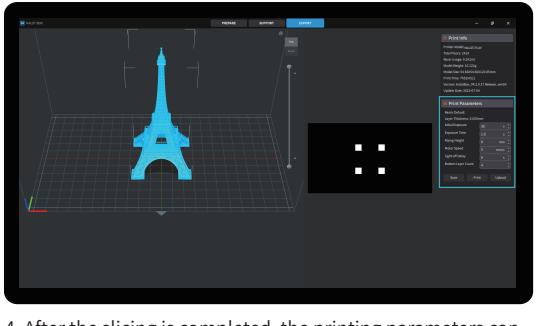
1. Open the HALOT BOX software, click the icon ① in the upper right corner to add the printer;



2. Click the icon ① in the upper left corner to open the model file;



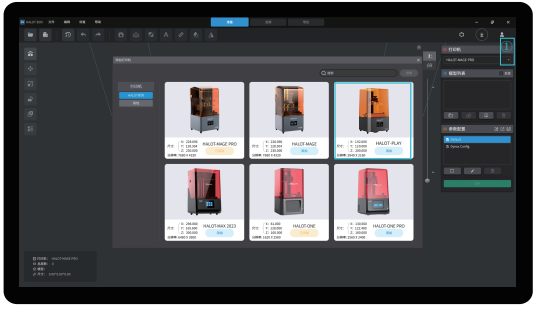
3. If a support needs to be added to the model, click the icon ① above and set the corresponding parameters ②. Then click "Slice" ③ to start slicing;



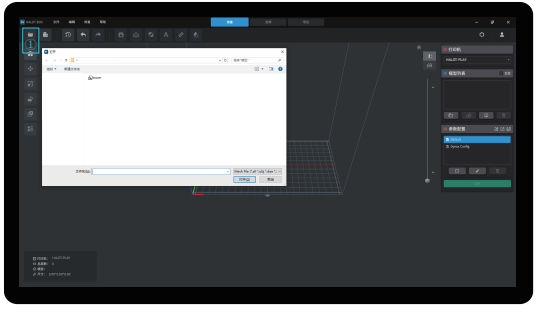
4. After the slicing is completed, the printing parameters can be set according to the model requirements;

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.

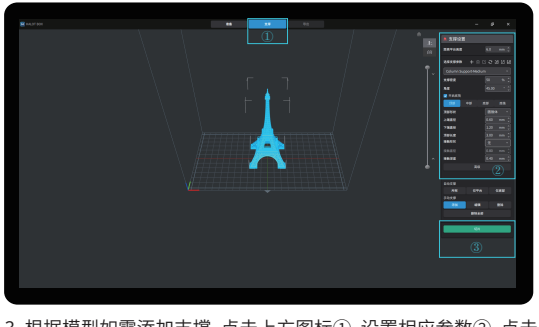
1. 切片



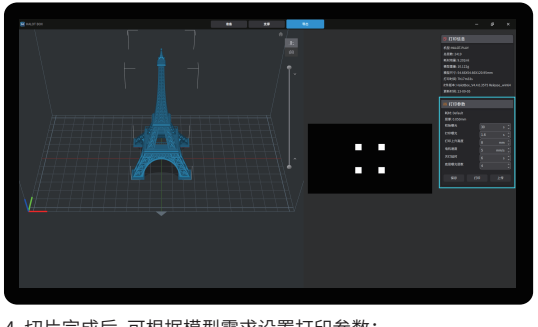
1. 打开HALOT BOX软件，点击右上方图标①，添加打印机；



2. 点击左上方图标①,打开模型文件；



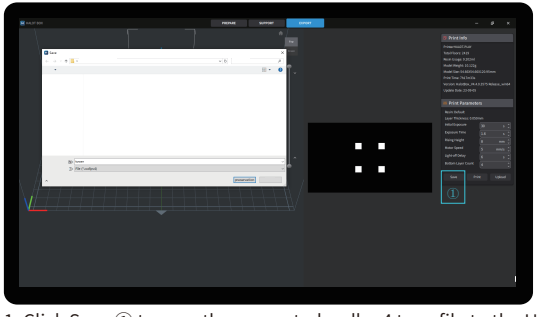
3. 根据模型如需添加支撑，点击上方图标①，设置相应参数②，点击切片③即可开始切片；



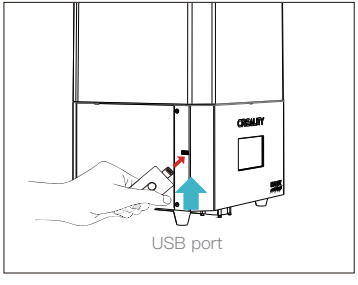
4. 切片完成后，可根据模型需求设置打印参数；

当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

2. Print

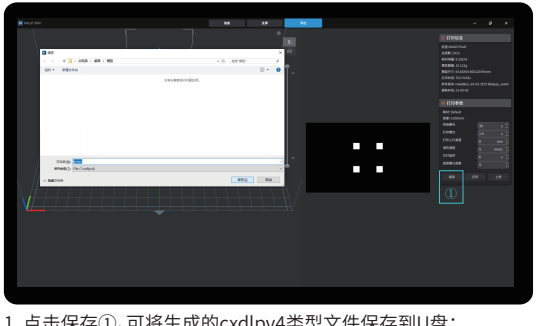


1. Click Save ① to save the generated cxdlpv4 type file to the U disk;

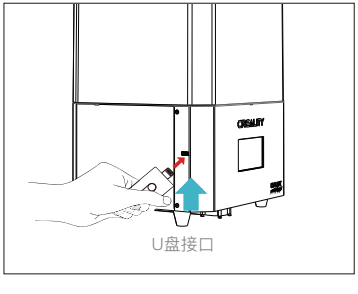


② Insert the USB disk

2. 打印



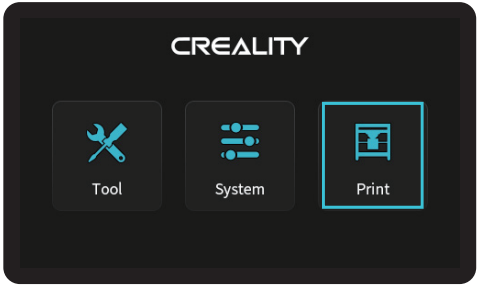
1. 点击保存①，可将生成的cxdlpv4类型文件保存到U盘；



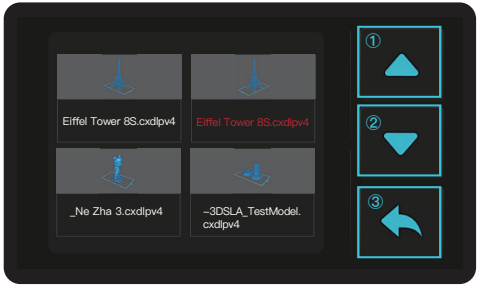
② 插入U盘

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.
当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

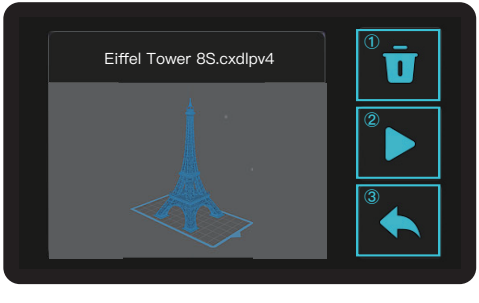
Warning: During the printing process the machine can't be shaken, so as not to avoid influencingaffect the printing quality.
警告:在打印过程中,机器不能摇动，以免影响打印质量。



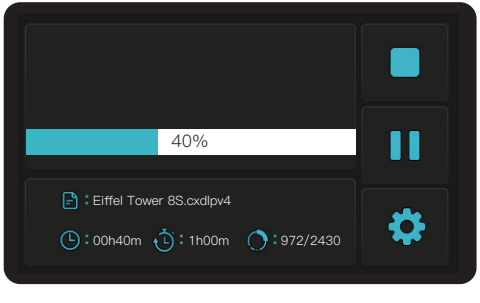
③ Click on "Print"



④ Press “up” or “down” to select files



⑤ Select the file to be printed and press“print”

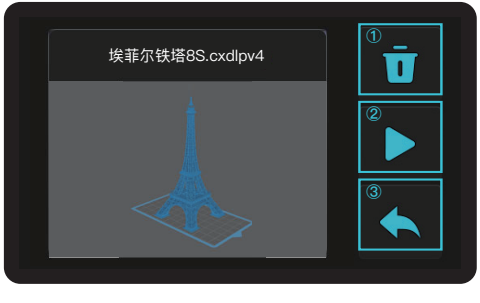


⑥ Printing

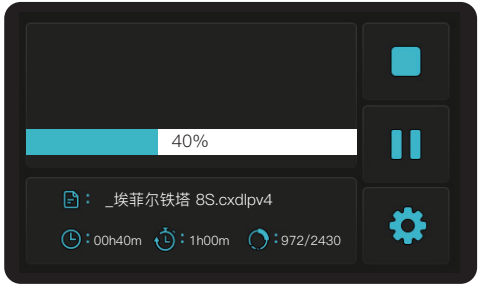
The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/firmware UI published on the official website.

③ 点击“打印”

④ 上下翻可选择文件



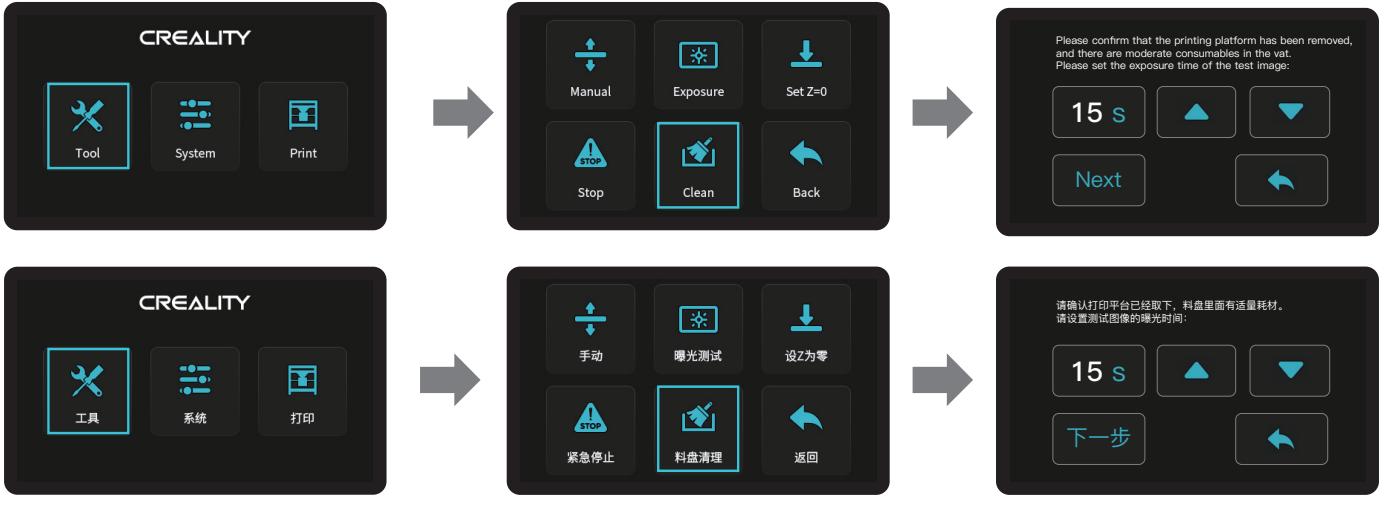
⑤ 选中需要打印的文件，按下打印键



⑥ 正在打印中

当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

9. Clean the Resin Vat 料盘清理

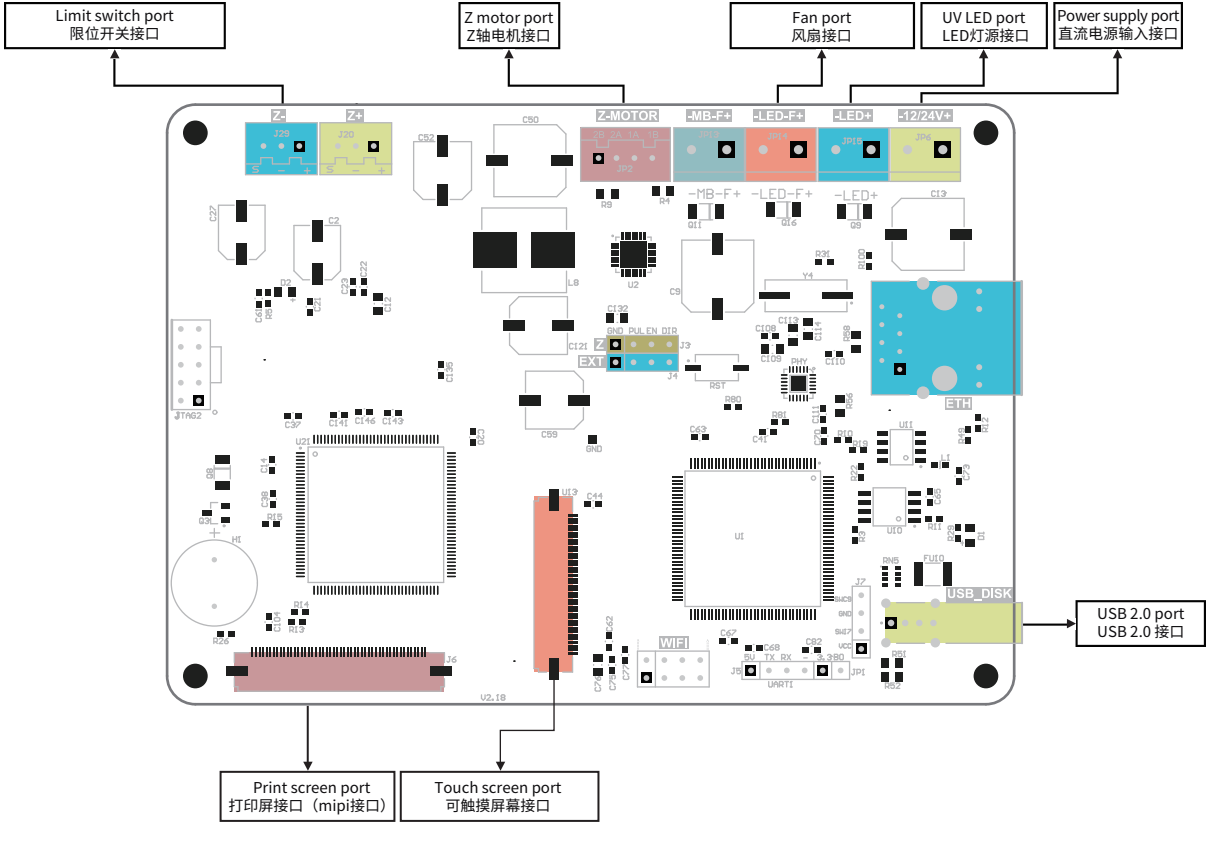


*If there is residue in resin vat before printing, please clean resin vat first. The cleaning time is generally set to 15 seconds and then shovel it off with a plastic blade.
*如打印前料盘有残渣，请先清理料盘，一般设置清理时间为15s,再用塑胶铲刀铲掉。

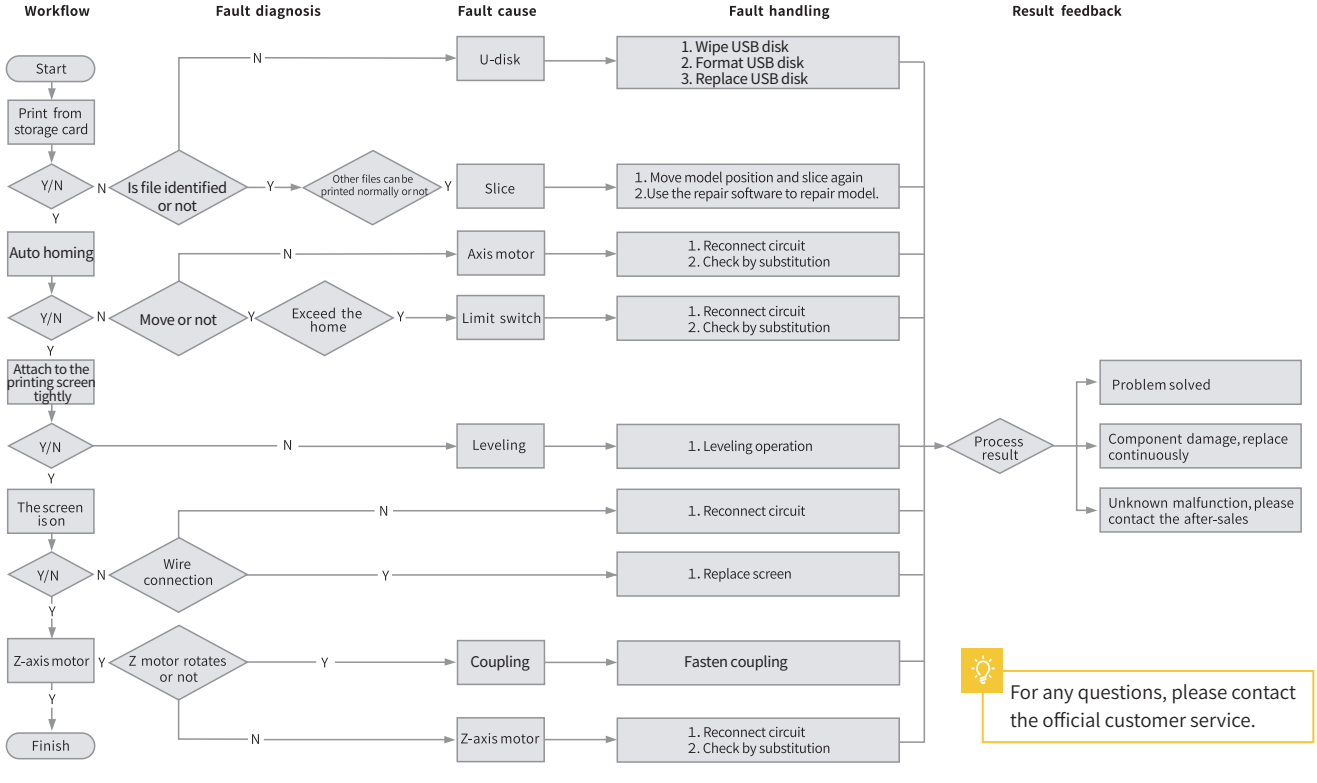
The current interface is for reference only. Due to the continuous upgrading of functions, it shall be subject to the latest software/firmware UI published on the official website. | 当前界面仅供参考，由于功能不断升级，实际以官网最新软件/固件UI为准。

Basic Parameters | 基本参数	
Model Name | 产品型号	HALOT-PLAY
Build Size | 成型尺寸	192*120*200mm（length*width * height | 长*宽*高）
Screen resolution | 屏幕分辨率	3840*2400
Pixel size | 像素点尺寸	0.05mm
Print Speed | 打印速度	1-5s/layer | 1-5S/层
Layer Thickness | 打印层厚	0.01-0.2mm
Print screen | 打印屏	8.9" print screen | 8.9英寸打印屏
Light Source Type | 光源配置	Integral light source | 积分光源
Rated Voltage | 额定电压	100-240V~，50/60Hz
Rated Power | 额定功率	100W
Print Method | 打印方式	USB Disk | U盘
Machine Language | 设备语言	中文 / English
Slicing Software Operation System 切片软件操作系统	Window 7 and above 64-bit operating systems and Mac systems | Window7及以上64位操作系统、Mac系统
Compatible Resin | 专用耗材	405nm, all photosensitive resins | 405nm所有光敏树脂

11.Wiring Connection 电路接线

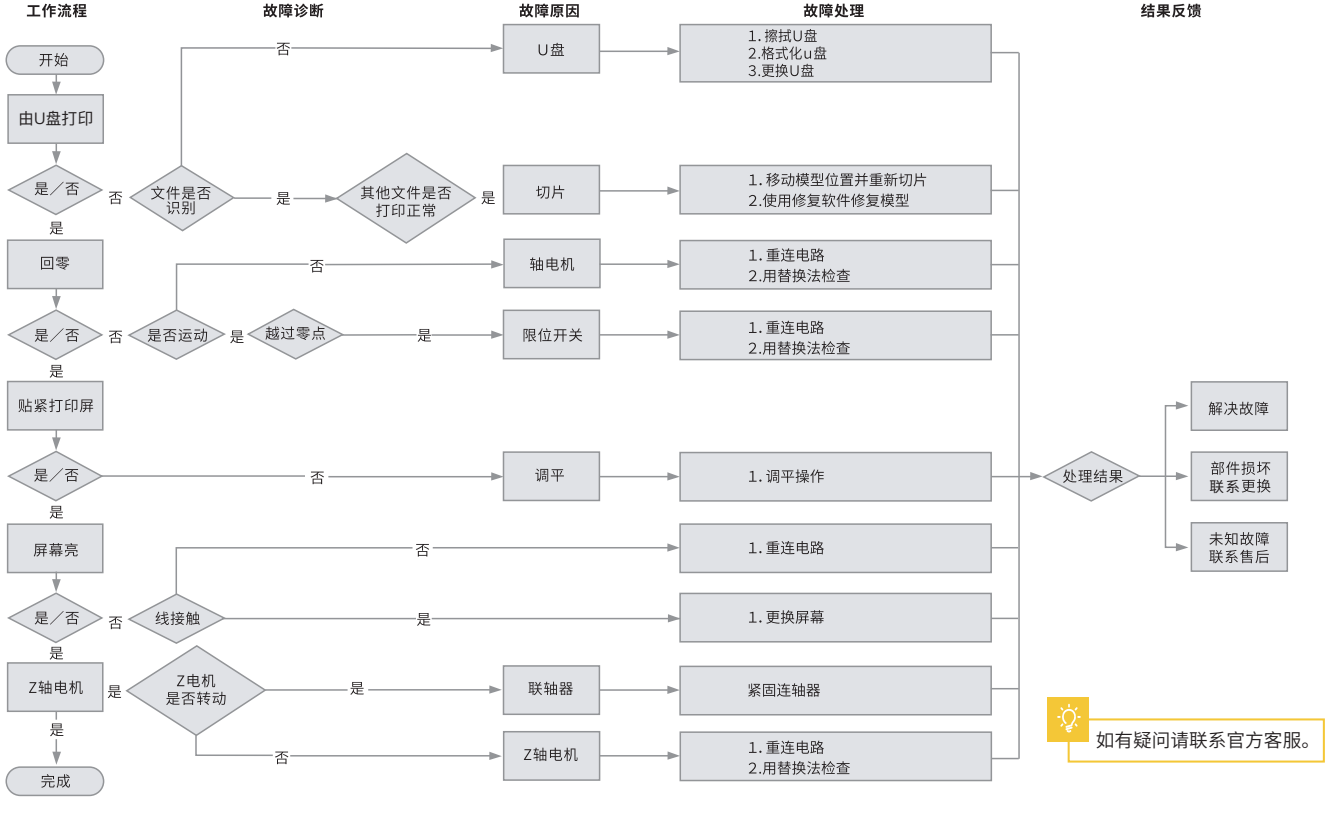


12. Troubleshooting 故障检修



For any questions, please contact the official customer service.

12. Troubleshooting 故障检修



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