After receiving the printer, read this article first, then carefully watch the video in the TF card, and then operate the printer. (if you lost all TF card files, contact us to get download link)

3D printer beginners must read

First of all, the 3D printer can only print files in gcode format. The usual 3D model file format is STL. The model file in STL format must be converted into gcode format by slicing software before printing.
There are several methods for novices to print models:

1st: download the gcode file from our website and print it directly. The model library website is www.toy123d.com

2nd : download the 3D model STL format file on the Internet, and then use Easyware slicing software to convert the STL format into gcode format, and then print it. (Easyware operation is very simple, but the printing effect is average)

3rd :   download the 3D model STL format file on the internet, and then use CURA slicing software to convert the STL format into gcode format, and then print it. (The file sliced by CURA has good printing effect)

4th: Use modeling software to make 3D models, save them in STL format, and then use CURA software slice to convert STL into gcode format, and then print it.

There are printer instructions, printer operation video, slicing software and software teaching video in the TF card.

Frequent questions from beginners first time using 3d printer

★ The customer say the printer can't   FEED , usually because the front end of the filament was not straightened before inserting the filament,

In addition, during the whole feeding process, the filament should be

pressed with a little force to facilitate the gear to roll the filament into the nozzle until the nozzle spits out the filament thread and then release the hand.

★ Customer say the model cannot stick to the platform, or the model moves and falls off during the printing process, the recommended operation is: (The leveling operation video is in the TF card)

1st ,Re-adjust the height of the platform, loosen the nut to make the platform rise a little, make the gap between the platform and the nozzle smaller, so that when printing the first layer, it will stick more tightly. According to the video operation, re-adjust the platform.

2nd , If your printer does not have a heating platform, you can buy a separate heating platform and install it on the printer. The heating platform can help the model stick more firmly and will not warp when printing a large area model.

★ Users say the printer cannot print, please follow the following four steps to check reason:

Step 1; Check whether the nozzle can feed the PLA printing filament normally. Generally, the printer is good if it can feed filament normally.

Step 2; Ask the customer to copy all files in the TF card to the computer, format the TF card into FAT32 format, and then put the ROCKET.gcode into the TF card, insert it into the printer for printing. If the printing is successful, it proves that there is a problem with the customer's gcode, and ask the customer to send his gcode to us for check. (Note that the gcode file name can only be English letters or numbers)

Step 3: If the operation in Step 2 still fails to print, please find another TF card to format it first, and then try printing the test file ROCKET.gcode again.

Step 4: If step 3 is still unsuccessful, ask the customer to try connecting the computer online for printing. If connecting the computer can print normally, it again proves that there is a problem with the TF card. If connecting the computer can not print, it indicates that there may be a problem with the printer motherboard.

★ Users say that XYZ axis does not move during the printing process, please check whether each motor wires connector is loose or not.

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