



X-one²

Quick Start Guide

This guide only applies to X-one 2 3D printer





X-one 2

Caution

1. Do not remove the wrapping around the nozzle.
2. If print with PLA filament, please open the front door and two side windows to ventilate for a better printing performance.

Warning

1. High Temperature! Plate may have been heated before; make sure it has cooled down before inner operation.
2. Loose clothes, jewelry and long hair can be caught in moving parts. Please keep away from them.

User Guide

The User Guide is on the SD card.

⚠ Caution

! Don't keep the SD card face up!





USA:About 10000 kms

India:About 1500 kms

EU:About 6000 kms

Southeast Asia:About 1000 kms

Russia:About 5500 kms

Australia:About 5000 kms

Thank for purchasing and using our product.

Our 3d printers are packed in strong export cartons.

But if the printer has unavoidable damaged during the shipping.

We are so sorry for that,please contact us in time.

Customer Service Support:

Thank you for purchasing our QIDI Technology 3d printer.

If you are experiencing any problems with the printer, please feel free to contact us!

We will reply to you within **12 hours**.

If not, our company will offer you 2 nozzle and 2 pieces of blue platform sticker for free as compensation.

Contact:

E-mail: qidi3d@qd3dprinter.com/vipservice@qd3dprinter.com

Whatsapp: 0086-13989783132

Skype: vivi19871987

If you have any suggestion or complaints, please contact with this **E-mail address**:

CEO:Diqiang Xue (Reply within 24 hours.)

E-mail:616038502@qq.com

Thank you and regards,
QiDi Technology Co.,Ltd.

Due to the time difference, if we could not reply in time, please understand!

Welcome

A.QiDi Technology 3D Printer Features

- ⦿ QiDi Technology X-one2 3D Printer is the most precise and most dependable 3D printer.
- ⦿ 3.5 inch Touch Screen.
- ⦿ Fused Deposition Modeling (FDM) Technology.
- ⦿ Single Extruder, Heating bed-Works with ABS, PLA, PVA.....
- ⦿ 8GB SD Card Provided with start-up guide and test files.
- ⦿ Aviation strength aluminum build platform guarantees a completely flat surface that will not warp during heating process.
- ⦿ Compatible with easy to use software for simple customization of 3D models.



Welcome

B. Safety Precautions

STOP-READ FIRST

Please make sure to read this page carefully prior to setting up and operating your 3D printer.

Throughout the manual, this symbol  indicates important SAFETY INFORMATION. Be sure to read these notes prior to taking further action.



Caution

-  The 3D printer is very sensitive to static electricity, so please make sure you contact a grounded object before operating the machine.
-  The 3D printer operates at very high temperatures; allow the nozzle, the extruded plastic and heating plate to cool before touching.
-  Some plastic filaments may give off a slight odor when heated. Because of this, the machine should always operate in a well-ventilated area.
-  Do not wear gloves when operating or repairing, as entanglement may occur and cause injury.
-  Do not leave the machine unattended when in operation.
-  Before repairing or making any alterations to the 3D printer, it is essential that the machine is turned off and the power cord is unplugged.
-  Do not remove the wrapping around the nozzle. It consists of a ceramic fiber and heat resistant tape that helps to keep the nozzle at a constant temperature.

Welcome

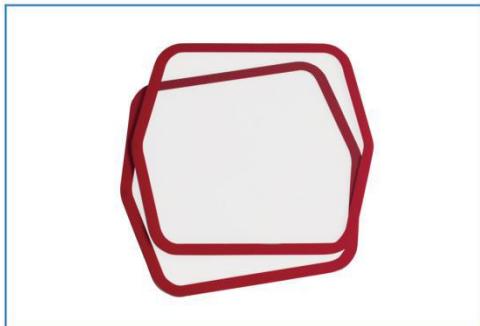
C. Product Specifications

Product Model	Product Picture		
QIDI TECHNOLOGY X-one 2 Single Extruder 3D Printer			
Product Specifications			
Screen	3.5 inch touch screen	Layer Thickness	0.1mm-0.5mm(Adjustable)
Extruder Quantity	Single Extruder	Nozzle Temp	0-250°C
Build Volume	145L×145W×145H mm	Heating Plate Temp	0-120°C
Printing Filament	ABS/PLA/PVA/HIPS	Supporting Software	QiDi/Cure/Simplify 3D
Layer Resolution	0.1mm	Connectivity	SD card/USB Cable
Nozzle Diameter	0.4mm	Frame	Metal body
Printing Speed	0-150mm/s(Adjustable)	XYZ Bearings	Wear-Resistant,Oil-Infused Bronze
Nozzle Velocity	24cc/h	Printer Machine Size	400L×360W×360H mm
Input Voltage	115V/230V	Package Size	480L×425W×465H mm
Power	350w	N.W/G.W.	16KG/21KG

Kit Contents



3D Printer



Acrylic Covers



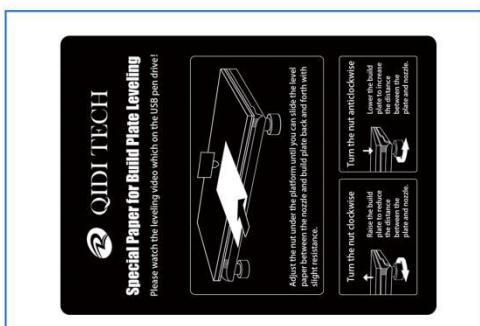
Power Cable



SD Card Reader



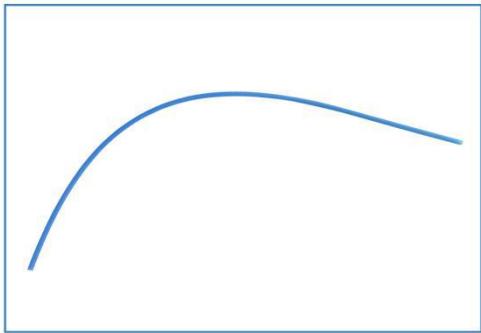
SD Card



Leveling Paper

(The 8G SD memory card has inserted into the SD card slot of the printer.)

Kit Contents



Filament Guide Tube



Spare Part Box



Filament



Spool Holder



Glue stick

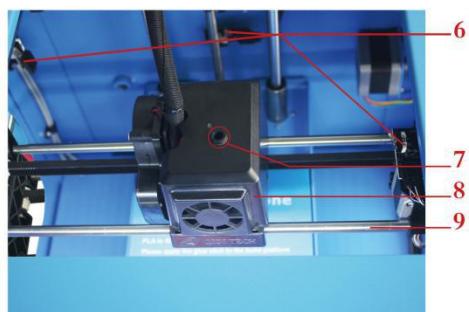


User Manual

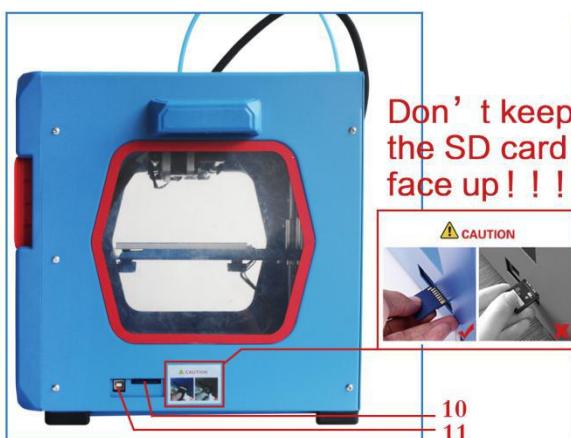
Getting To Know Your 3D Printer



Front



Top



Right



Back

- 1.Nozzle
- 2.Z-axis guide rod
- 3.Build plate
- 4.Leveling knob
- 5.Touch screen
- 6.X、Y、Z-axis switch
- 7.Filament intake
- 8.Extruder

- 9.X-axis guide rod
- 10.USB stick input
- 11.USB cable input
- 12.Filament Guide Tube Buckle
- 13.Cable clip
- 14.Power input
- 15.Power Switch

Unpacking



1. Cut off the outer box packing belt.



2. Take out the inner box.

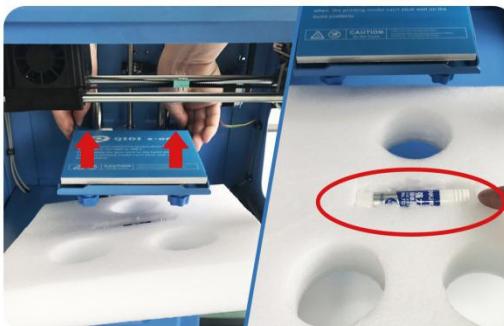


3. Take out the spare parts box and read the user manual firstly.

Unpacking



4. Remove the side packing material.



5. Move up the build bed gently, take out the white foam and take out the glue sticker from foam.

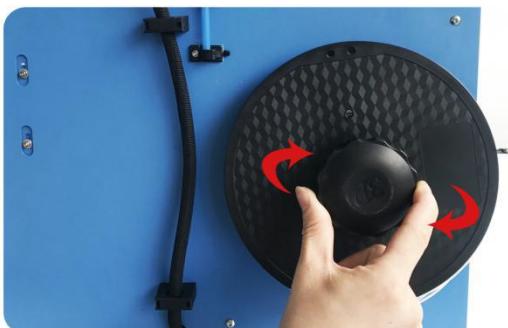


6. Notice there is a clamp on X-axis and Y-axis, please take out the clamp.

Unpacking



7. Please use scissor to cut a zip ties on left, and cut two zip ties on right.



8. Take out the filament and filament spool holder. Clockwise installed on the back of the printer.

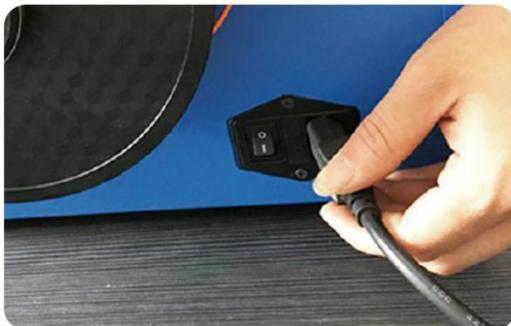


9. Take out the blue filament guide tube. Installed it on the back of the printer. Make the filament through the filament guide tube.

Unpacking



10. To press with left hand, insert the filament with right hand.

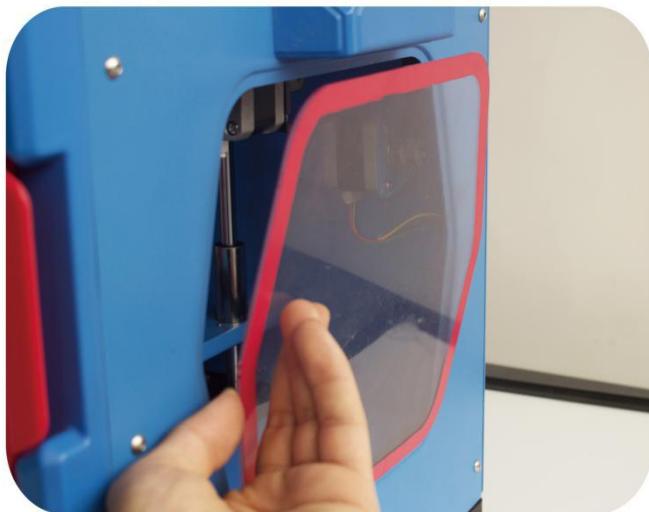


11. Connect to the power cord.



12. Put the cord in the buckle.

The Side Windows Installation Of The Acrylic Cover



The side windows have magnets in them, so please match the correct side window to the correct side for perfect fit.

Power supply setting

STOP-READ FIRST

⚠ Caution

- ⚠ For US customers:the power setting has been set for you to 115V.
- ⚠ For EU customers:the power setting has been set for you to 230V.
- ⚠ For Japan customers:the power setting has been set for you to 115V.
- ⚠ For other regions customers:Determine the voltage in your location. Depending on the voltage in your area,you may have to switch the power setting from 115V to 230V before you plug in the 3d printer.
- ⚠ Failure to set the power supply setting correctly will damage the 3D printer electronics.

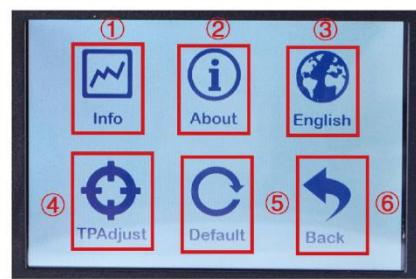
Tear off the warning sticker
will see the switch!



Display screen operator interface

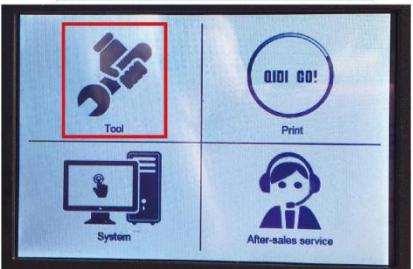
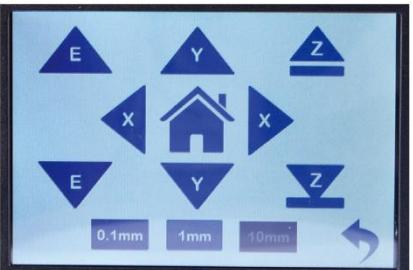


a.Click "System" icon.



- ① Info Display the 3d printer current status
- ② About:Display the 3d printer information
- ③ English:Language options
- ④ TPAdjust:Screen calibration
- ⑤ Default:Restore factory settings
- ⑥ Back:Return to the superior interface

Display screen operator interface

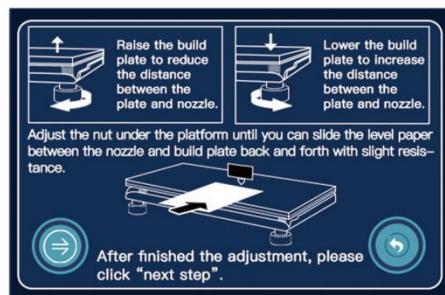
<p>b.Click “Tool” icon.</p> 																									
	<p>① Click “Manual” icon, enter the manual adjustment mode.</p> <table border="0"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Wire feed roll retreat</td> <td>Forward</td> <td>Z axis up</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Turn left</td> <td>Turn right</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Wire feed roll advance</td> <td>Backward</td> <td>Z axis down</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3">Move to choose the data</td> </tr> </table>				Wire feed roll retreat	Forward	Z axis up				Turn left	Turn right					Wire feed roll advance	Backward	Z axis down				Move to choose the data		
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Move to choose the data																									
	<p>② Click “pre-heat” icon, enter the “pre-heat” mode.</p> <p>Heat bed and nozzle pre-heat, click the numbers, the number color from black change to red. Enter the heating condition.</p>																								
	<p>③ Click “Load and unload” icon, enter heating model.</p> <p>Click the number, the number color from black change to red. The extruder start to heat. When it heating to the set temperature. Click icon start to load the filament. If need to unload the filament, please click firstly, when it heating to the set temperature. Click icon.</p>																								

④ Click “Level” icon, enter levelling mode.

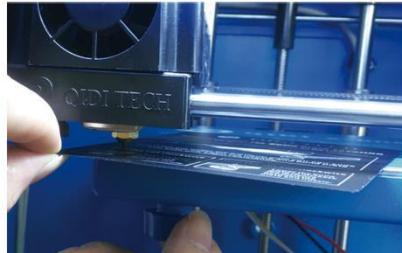
⚠ The distance between extruder and build platform has been levelled before delivery. Please print it directly. If any problem of the printing, please refer to the steps as below:



1. Select the leveling icon.



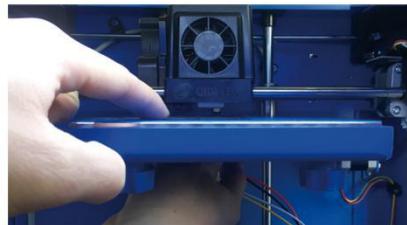
2. Waiting for the extruder to the specified location.



3. Carefully move the extruder to the left front corner of the print platform. Check the distance between the build platform and the extruder by using the levelling paper.



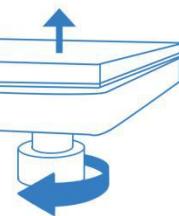
4. Carefully move the extruder to the right front corner of the print platform. Check the distance between the build platform and the extruder by using the levelling paper.



5.Carefully move the extruder to the center back of the print platform.Check the distance between the build platform and the extruder by using the levelling paper.

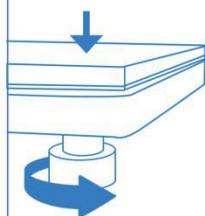
NOTE:The distance shall be about the thickness of the leveling paper.

Turn the nut clockwise



Raise the build plate to reduce the distance between the plate and nozzle.

Turn the nut anticlockwise



Lower the build plate to increase the distance between the plate and nozzle.

Filament installation & Loading

Installation



Insert the filament spool holder, tighten it in clockwise direction.

Loading the filament



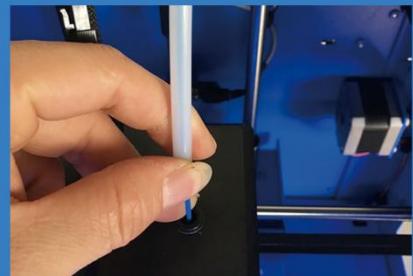
1. Insert the filament in the filament guide tube.



2. Click the icon as the picture shows.



3. When the temperature reach to 220C, please click the icon for three times.

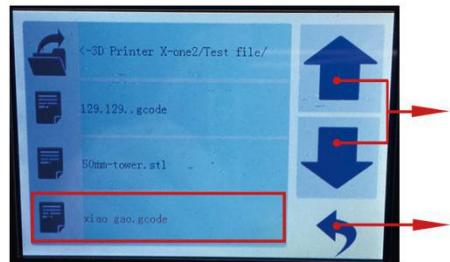


4. Insert the filament into the feeding port, when you feel the filament was pulled inside, then release your hand.

Display screen operator interface



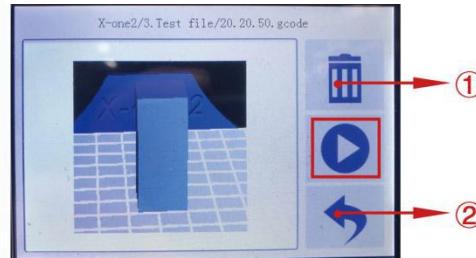
c. Click "Print" icon.



d. Choose the Gcode file.

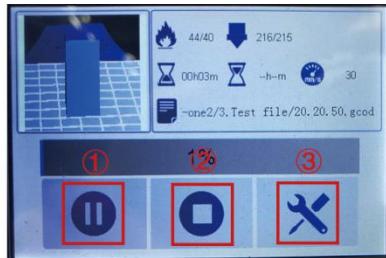
①Move down and up choose Gcode file

②Return to the operator interface



e. Click the middle button to print.

①Delete the Gcode file
②Return to the superior interface



f. Waiting for the temperature reach the setting temperature, then start to print.

①Can pause and change the filament in the half way.
②Cancel the printing
③Set the parameter

Display screen operator interface



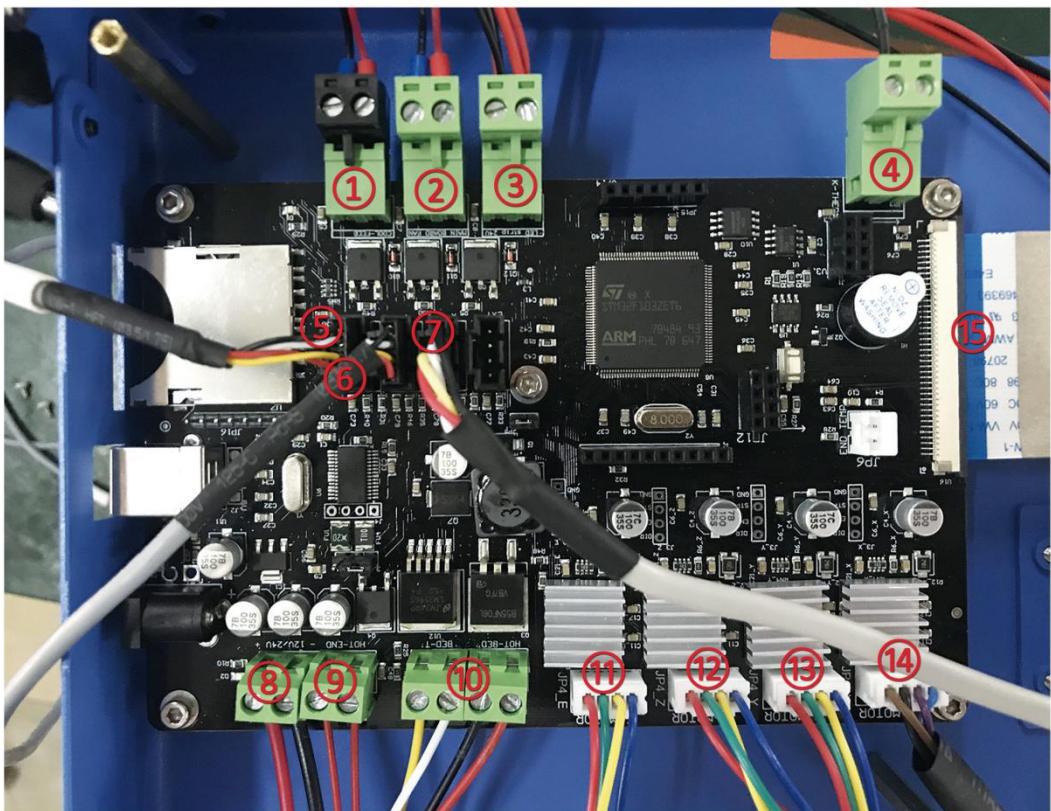
g.Click "After-sales service"icon.

After-sales service:
vipservice@qd3dprinter.com
qidi3d@qd3dprinter.com

If you are experiencing any problems with the printer,please feel free to contact us!

We will reply to you within 12 hours.

If not,our company will offer you 2 nozzle and 2 pieces of blue platform sticker for free as compensation.



- 1.Turbofan Cable
2. Extruder Fan Cable
3. LED Light Cable & Bottom Fan Cable
- 4.Extruder Thermocouple
- 5.Sensor Cable of Z axis
- 6.Sensor Cable of Y axis
- 7.Sensor Cable of X axis
- 8.Power Cable

- 9.Heating Part of Extruder
- 10.Heating Bed Cable
- 11.Motor Cable of Extruder
- 12.Motor Cable of Z axis
- 13.Motor Cable of Y axis
- 14.Motor Cable of X axis
- 15.Screen Cable