Yeehaw

QUICK START GUIDE

http://www.yeehaw3d.com

Contents

Hardware Installation   01

1 Unpack the Printer

Pinch   Pull
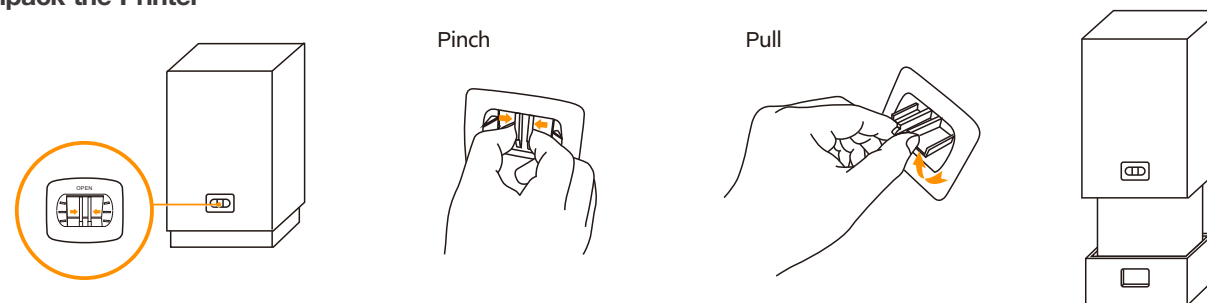
Unpack the printer by following the instructions on the box. Remove the twist tie holding the print nozzle stationary at the bottom of the printer.
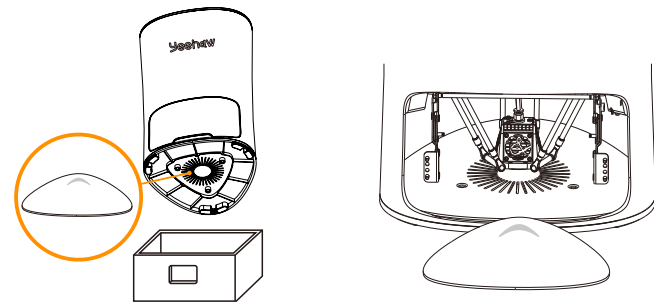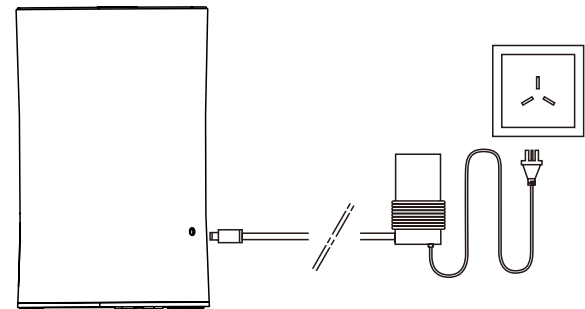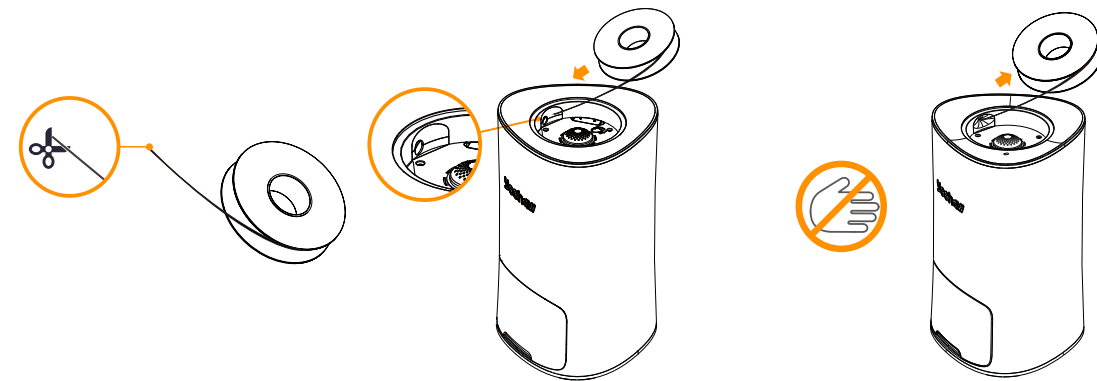
2 Install the Printing Plate

The printing plate is stored under the machine during shipping. Install it in the printer with the arrow pointing towards the back.

3 Plug it in

Connect the AC adapter to the printer and your power outlet.

4 Load the Filament

The filament loads automatically. Remove the filament spool under the lid at the top of the printer and make sure the end of the filament is straight. Insert about 4 inches of filament into the hole inside the top of the printer until you feel the filament being pulled by the printer. Then re-install the filament spool and lid (making sure not to pinch the filament).
The printer lights will turn yellow for heating. It will take a few minutes to load the filament, so please be patient.
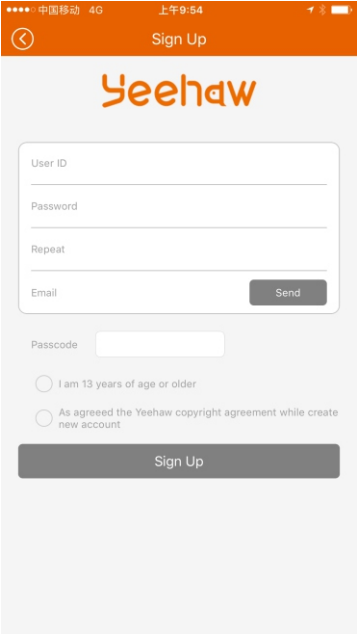
5 Color Codes

Color	Status	Action
White (rotating)	Starting	Wait while printer initializes
White	Normal	Ready to print
Blue	Connecting / Waiting for network	Wait while files download / Setup Wi-Fi
Orange	Heating	Wait while printer heats up
Green	Upgrading Firmware	Wait while firmware upgrades
Red	Error	Check app for details

Software Installation 02

1.Scan the QR code.

2.Install app from ios App Store or Google Play.

3.Register the user ID.

03 Network Connection

Yeehaw must connect to the Internet to work. Please follow the introductions below to setup the network connection on your printer.
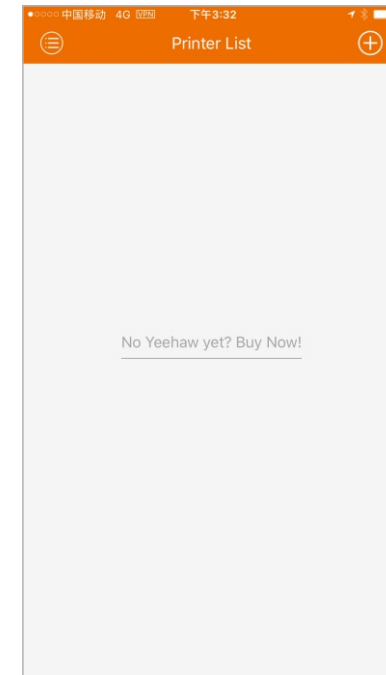
1.Open the app.

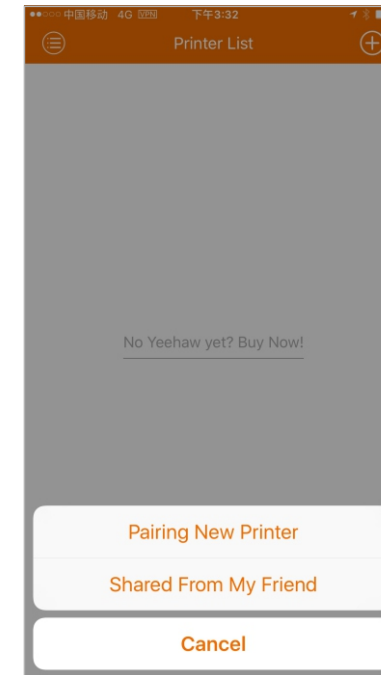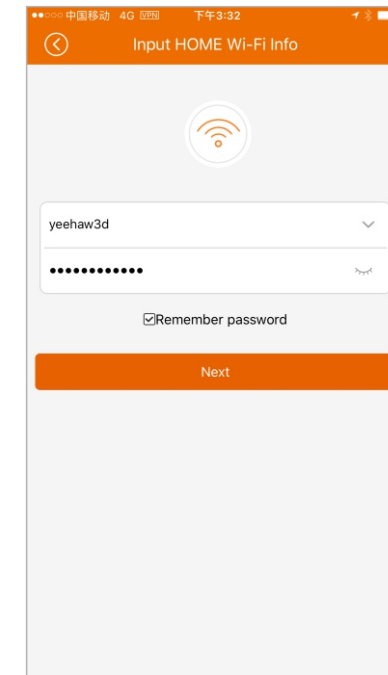2.Tap the menu " " at the top left.
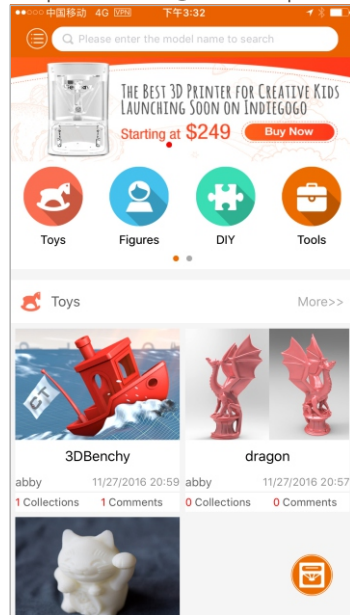
3.Tap "Printer".
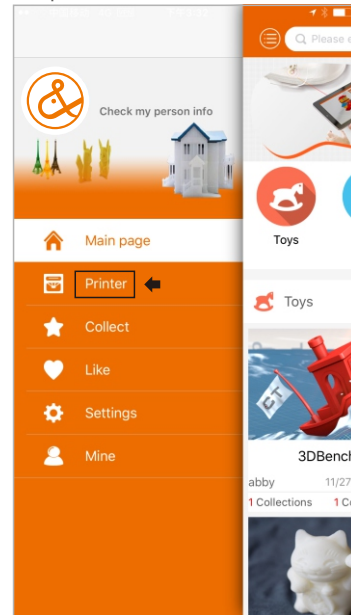
4.Tap the " ⊕ " icon at the top right.

5.Select "Printing New Printer".

6.Enter the SSID and password for your home or office WiFi network.
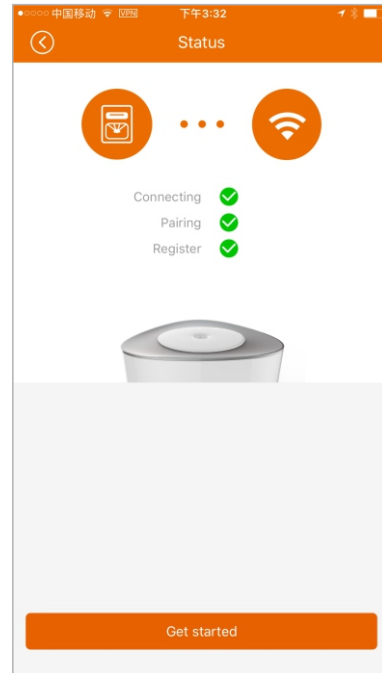
7.Tap "Next".

8.Switch to your phone's WiFi settings and connect to Yeehaw's WiFi hotspot (the SSID and password are printed on a sticker in the back of the printer).

9.Switch back to the app and tap "Continue".

1.In the Main Page, select an object to print.

2.Tap "Select Printer" in the Files section.

Printing Guide 04

Connect to printer Wi-Fi named as yeehaw3d_xxxx
Jump back to App

yeehaw3d_775C

Next

Status

Connecting ✓
Pairing ✓
Register ✓

Get started

Printer List

Paired Printer

#1736 Default
Status:Online

Details

3DBenchy
2 Collections   1 Like   1 Comments   Cancel

Details
3DBenchy

Files   Select Printer >

3DBenchy.stl
Time:1 H 43 M   Material:4.746 M 14   Print
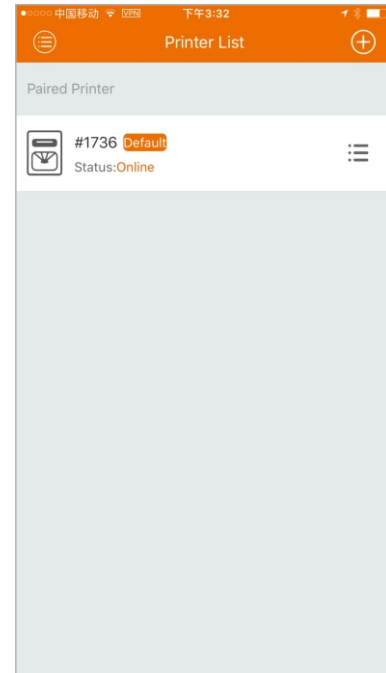
Author

♥   Comment   Problem Feedback

Once the printer is online you are good to go, and you can connect your phone back to your home or office WiFi network.

3.Select your printer.

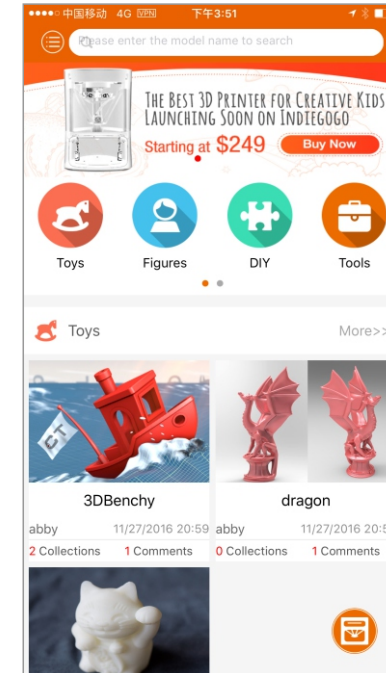4.Tap "Print".
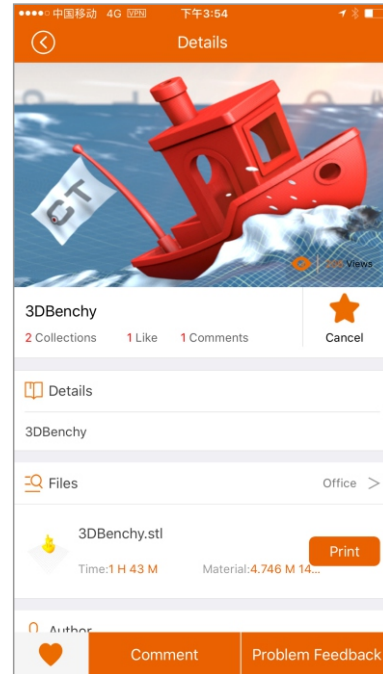
5.Your printer will start printing after receiving the object files, auto-calibrating, and heating the print nozzle to the optimal temperature.

You also can visit our web page to print online.

1.Goto URL http://www.yeehaw3d.com.

2.Login with your account and password.
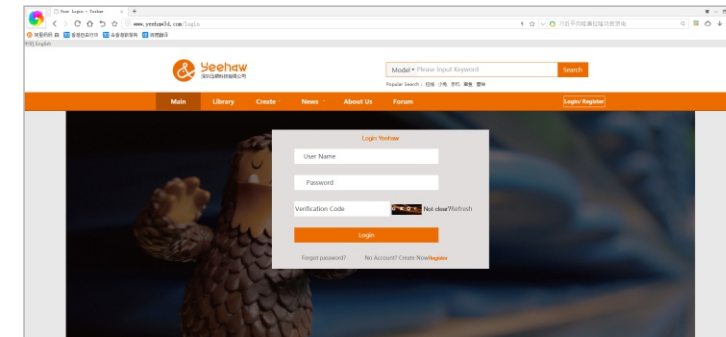
Online
Printing

05

3.Select models in "Library".
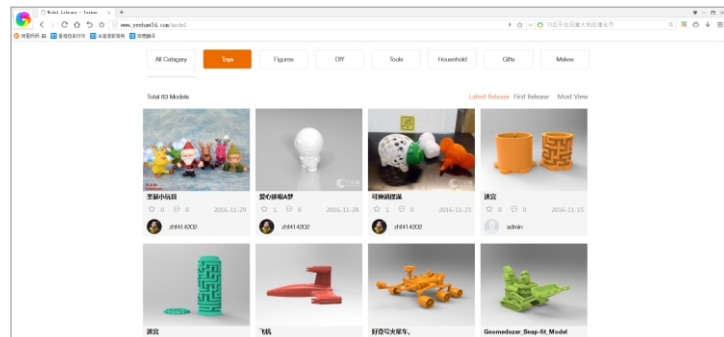
4.Click "Print" .

To print your own design, you need to upload the model into server.

Upload Model 06

1. Login to "User Center".

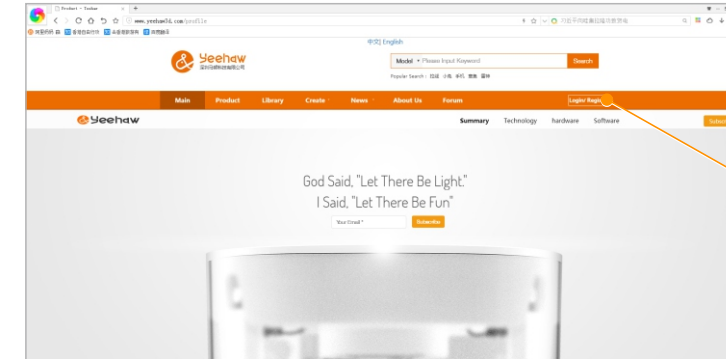2. Tap "Upload Models".

3. Name the model.

4. Select the category.

5. Select public or private for the model.

6. Upload picture for the model.

7. Upload STL file.

8. Generate preview picture for each model.

9. Now you can find your model in Mine.

Notice: For public model, we will need to review it before loading into public library.

07 Advanced Control

You can control your Yeehaw printer just like others. We privided both app and Web interface for you.

APP

1.Tap the printer name to the "Printer Monitor".
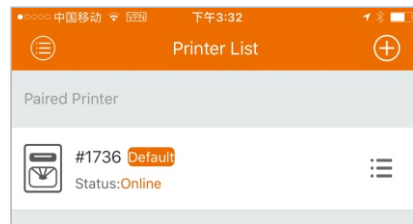
2.tap at the top right icon to the "Control Center".

3.Functions.

Y+	Top
Y-	Bottom
→	Left
←	Right
∧	Up
∨	Down
出丝	Extrude
过丝	Reverse
0.1mm 1mm 10mm	Length
○	Temperature
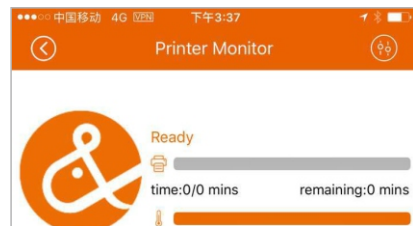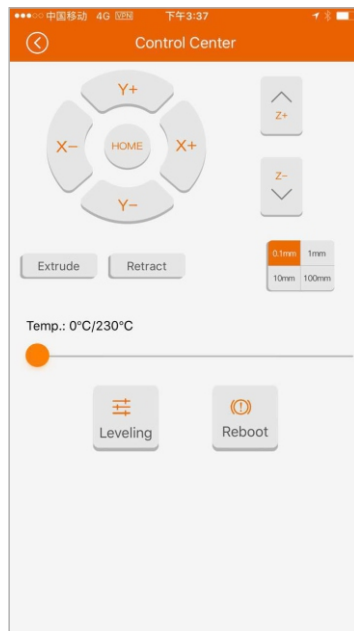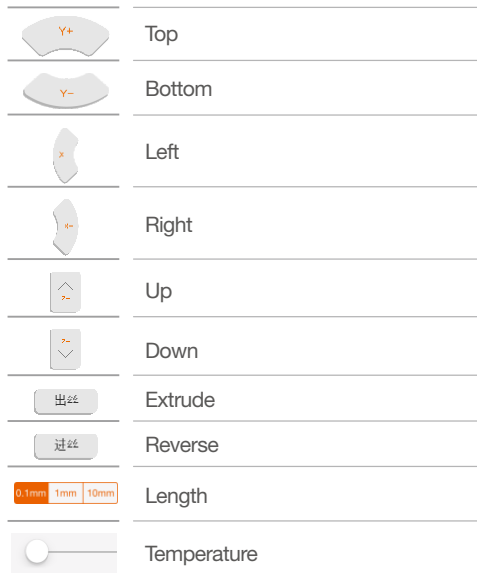
Calibration 08

You should only have to perform the calibration (leveling) process if printing incorrect, and as needed after that (if / when the printer is transported and / or subjected to shock / vibration).

1.Tap the "Printer" icon in the bottom right corner of the Main Page., then select the printer "⊟" just paired.
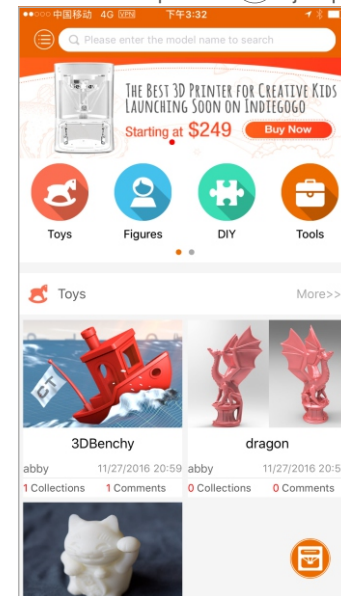
2.In the Printer Monitor, tap the advanced settings icon in the top right corner.
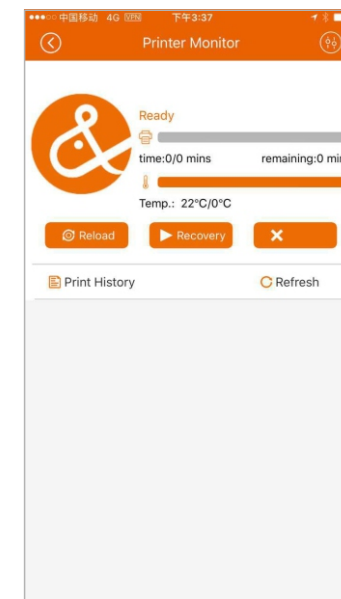
3.Tap "Leveling".
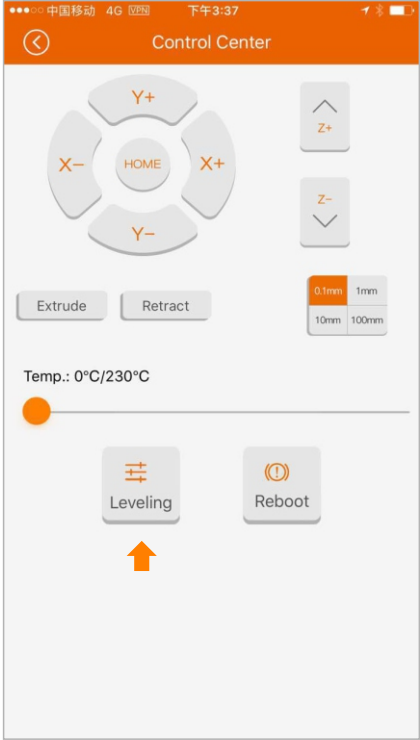
4.Follow the instructions. Place a sheet of paper on the printing plate so as to cover all the magnets, then tap "Next".
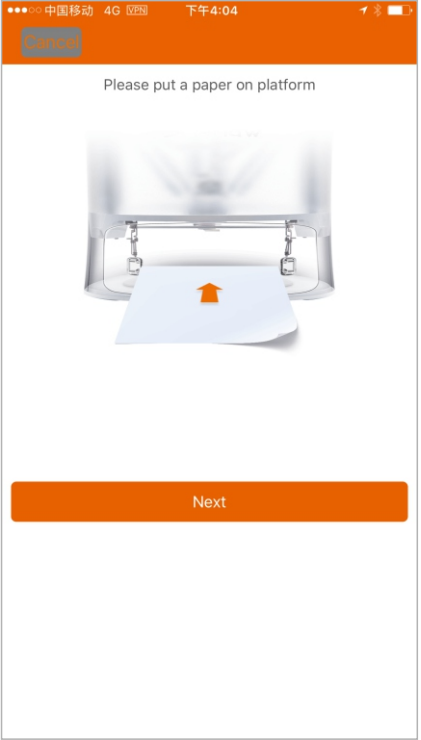
5. Once the print nozzle is touching the sheet of paper, adjust the height of the print nozzle using the 4 up and down buttons until you feel resistance when you try to slide the sheet of paper. You should still be able to slide the sheet of paper, but it should not be loose. Then tap "Next".

In all, you should repeat this step 4 times, once for each Center, Top, Left and Right print nozzle positions.
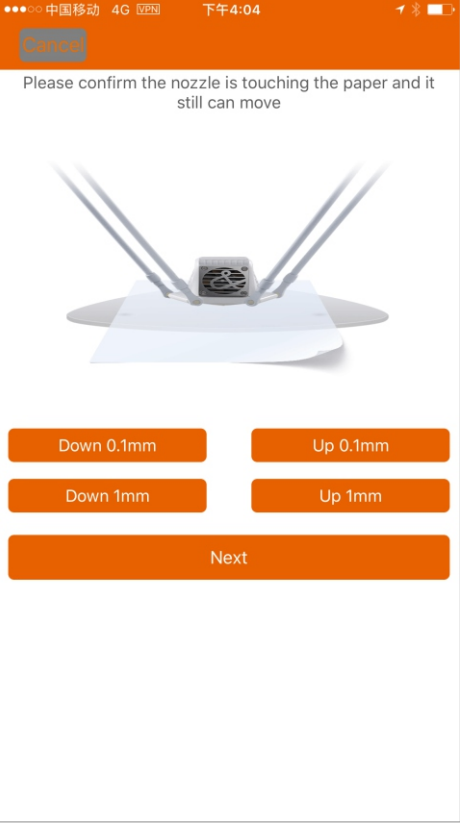
09 Troubleshooting

Printer can not connect to my Wi-Fi/Printer connected Wi-Fi but it shows "Offline" in Printer List

While you have any issue during the "Network Connection" wizard. Please follow below instruction to setup network connection locally.

1. Use your laptop connect to Yeehaw's WiFi hotspot (the SSID and password are printed on a sticker in the back of the printer).
2. Open a web browser and navigate to the following URL: http://192.168.100.1/?d=s (see screenshot).
3. Enter your WiFi network's SSID and password then click
4. Make sure to select a2.4GHz WiFi network that supports. channels 1-11.
5. Wait about 10 minutes and power cycle the printer.
6. Go back to step 7 above (Network Connection) and try again.
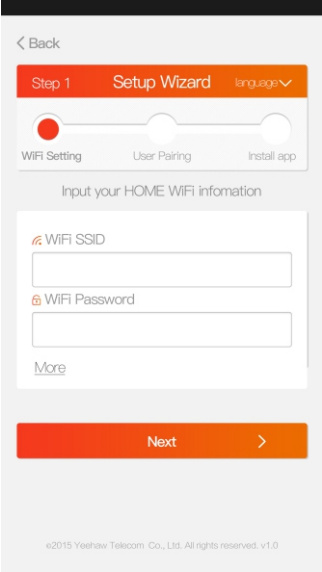
Printer is working but it is not stick to the print plate.

You can adjust the calibration setting manually by following instruction

1. Open a web browser and navigate the following URL: http://www.yeehaw3d.com
2. Login with your user name and password
3. In User Center, click "My Equipment" in left.
4. Click "Use" with the printer need to work on.
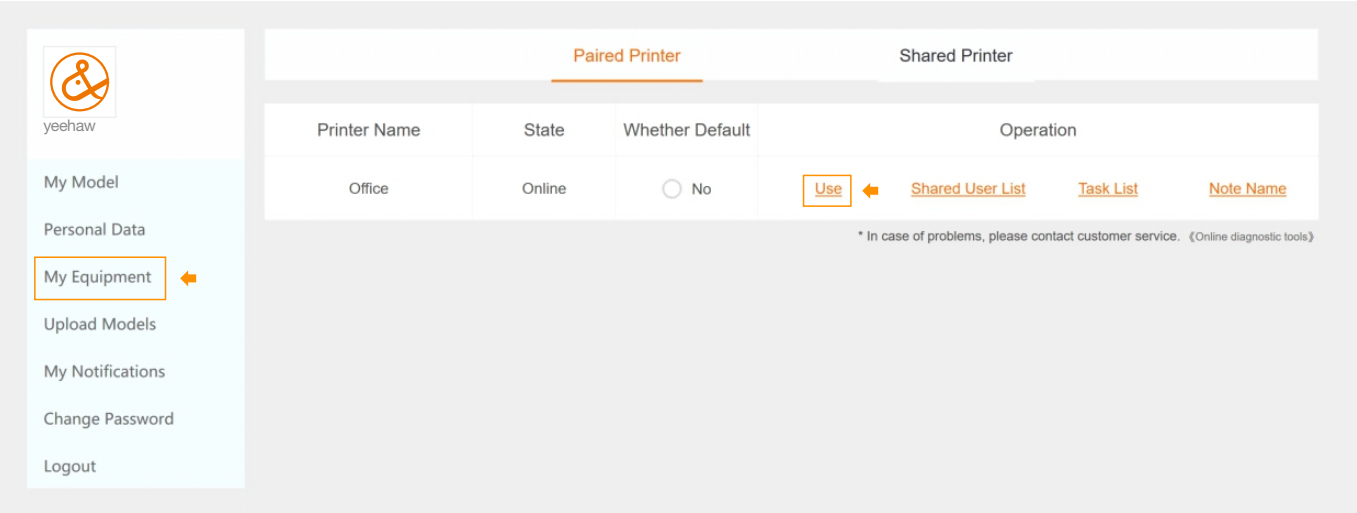
5. Click "Control Center" in top and "Advanced" in bottom

6. Adjust the "Centre Point" will change entire printi plate. Click down for 0.1~0.2mm and click "Activate"

7. Try print again.

Tips: If you just need to adjust one corner, select the Point and adjust that point only.

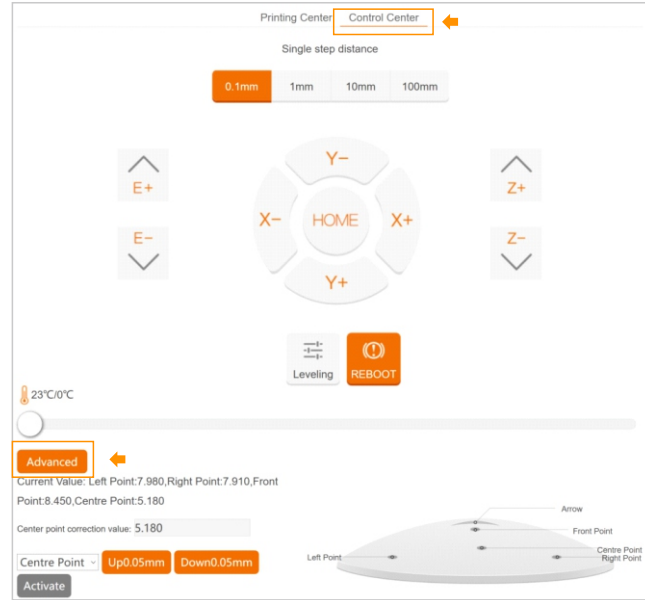**Filament Jammed in the Extruder/Some scrap in the Extruder/Filament cannot extrude properly**

Use the Extruder Lid to clear any scrap in extruder.

1. Make sure no job is working before start .
2. Tap "Reload" in "Printer Monitor".
3. Wait for few minutes while printer heat and retract the filament.
4. Push up the switch to loose extruder wheel.
5. Pull out the filament in extruder.
6. Loose the screws of extruder lid.
7. Take out the lid and cleanup extruder by tweezers.
8. Tighten the lid screws and load filament again.

Screws of Extruder Lid

Switch of loose Extruder wheel
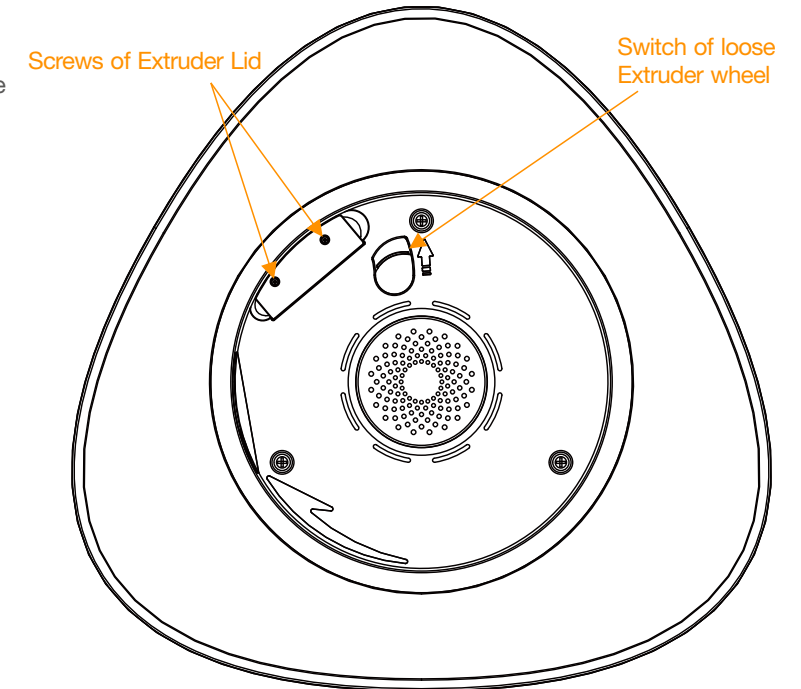
10 Technical Specifications

Product Dimensions	Print volume	Layer Resolution	Print Speed
330 × 325 × 540 mm	150 × 180 mm	0.1 mm	60-90 mm/s

Nozzle Diameter	Product Weight	CPU	Firmware
0.4 mm	7.8 kg	580MHz, 128MB RAM	Linux v2.6.36

Nozzle Count	Slicer software	Filament Diameter	Operation Temperature
Single Nozzle	Cloud-based Slicer	PLA (1.75mm)	Max 245°C

Operating Systems	Supported File Type	Special Feature	Connectivity
Windows/macOS/IOS/Android	STL,OBJ	Offline/Remote printing	WIFI

Software Bundle	Machine Design	Print Queue	Printer Sharing
Yeehaw 3D app/ Web-based printing	Integrated, fully-covered, suspended structure		

Safety and Regulatory Information

FCC DECLARATION OF CONFORMANCE

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION STATEMENT

NOTE: The Grantee is not responsible for any changes or modifications that are not expressly approved by the party for compliance. Such modifications could void the users authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1 This device may not cause harmful interference
2 This device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm during normal operation and must not be collocated or operating in conjunction with any other antenna or transmitter.

IC REGULATOR STATEMENTS

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to:

1 This device may not cause interference.
2 This device must accept any interference, including interference that may cause undesired operation of the device.

RADIATION EXPOSURE STATEMENT:

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This transmitter must be installed to provide a separationdistance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

USAGE RESTRICTIONS

This device was developed and designed to comply with the various wireless and telecom agency requirements throughout the world. This ensures that the device do not cause any harm to Public Switching Telecommunication Networks (PSTN) and do not violate any power and frequency spectrum allocations on a country by country basis. This device was also designed to be compliant with regulatory agency limites for Electromagnetic Compatibility(EMC).

IMPORTANT NOTICE FOR USE IN HEALTHCARE ENVIRONMENTS

This device is not a medical device and is not listed under UL or IEC 60601(or equivalent). This device should be kept at a certain distance to avoid harmful effects to patients or medical equipment.

WARNING: Use of controls, adjustments, procedures, connections, or signal types other than those specified in your documentation may result in exposure to shock, electrical hazards, and/;or mechanical hazards.

WARNING: Yeehaw products are not certified as medical electrical equipment, and are not intended for use in close proximity to patients or in oxygen rich environments.

• Yeehaw products are not designed for use in hazardous environments.
• Yeehaw products are not designed or intended for use in operating or calibrating medical devices.

SAFETY AND MAINTENANCE
SAFETY GUIDELINES

In order to achieve maximum safety while using your Yeehaw 3D Printer, we suggest that you adopt the following guidelines:

1   Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact us or go to www.yeehaw3d.com/support for support. Do not attempt to service or fix the device yourself at any time.
2   Do not take apart the device (doing so will void your warranty) and do not attempt to operate it under adnormal current loads.
3   Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 16°C (60°F) to 40°C(104°F). Should off the device in order to let the temperature stabilize to an optimal level.

TECHNICAL SUPPORT

What you'll get:
1 year limited manufacturer's warranty.
Access to manual and free online technical support at www.yeehaw3d.com/support
For further assistance, please send email to support@yeehaw3d.com