

CreatBot F430 NX User manual

V1.0



Henan Creatbot Technology Limited www.creatbot.com

🗘 CreatBot

目录

Notice

Read First

Thank you for choosing CreatBot 3D printer!

This manual contains important information about the installation, use, maintenance and common problems of CreatBot 3D printer. Please read this manual carefully before using 3D printer. All losses caused by the breach of the notes and the notes and the operation process of the operation process will be borne by the user. Please use the filament provided by CreatBot, or high quality filament by third manufacturers. Due to the use of third party inferior material caused by the failure of the printer, the loss will be borne by the user.

Software running environment, 2G or above processors, at least 1G memory, compatible with Windows, MAC, please use memory as much as possible.

I wish you have fun with CreatBot 3D printer!

Danger Warning

🦄 The nozzle's temperature will reach 300 degrees, don't touch.

😰 The platform's temperature will reach 100 degrees, don't touch.

Please make sure that the printer connected to the ground.

🚯 Do not attempt to open the case, be careful of electric shock.

Working Environment

The 3D printer can work in the indoor environment of 5 ℃ to 30 ℃.

Long-term not use of the printer, be sure to dust, moisture.

Long-term not use of the filament, please be sealed to prevent deterioration.



Printer





- 1、USB cable port
- 2、Network cable port
- 3、10A power cable port
- 4、16A power cable port



Extruder



- 1、Extruder motor
- 2、Servo
- 3、Cooling fan
- 4. Heating tube



- 1、Spring and nut
- 2、Sink fan
- 3、Hotend(Nozzle+Heat block+Heatbreak)
- 4、Heating sensor



Printer installation





- 1、Before unpacking, please check if the package is damaged.
- 2. Remove the fixings of X and Y axes according to the guide.
- 3. The machine has two power port. 10A controls the printer and hot bed, and 16A controls the hot chamber.
- 4、Turn on the printer and select "Move" > "All home" on the screen to lift up the platform and then take out the filaments and tools box.



Printer operation

Leveling bed



Manual leveling

- 1. Enter the Move menu and click All home to lift up the platform and wait for the Z axis to stop moving. At this time, Z is not at the origin 0mm. Click -Z 100mm to return Z to the highest point.
- 2. Move the extruder around the platform by hand and adjust the leveling nuts under the four corners in turn. Loosen nut 1 under the platform, and then adjust nut 2 to bring the nozzle close to the printing platform at a distance of 0.1mm. Then tighten the nut 1.
- 3、Run All home and -Z 100mm again. Check the distance between the extruder and the printing platform to ensure that this distance is 0.1mm. If the distance is too far, increase the probe offset height value. Increase by 0.1mm and the platform will rise by 0.1mm. If the distance is too close, reduce the probe offset height value. Reduce by 0.1mm and the platform will drop by 0.1mm.

Auto leveling

Enter the Leveling menu, turn on Auto leveling, click Calibrate, and the machine will automatically detect 25 points and record the detection data.

You can view the leveling video in the USB flash drive.

















\bigcirc	Move	Filament	Auto Leveling	
l] ↔	10mm	100C	100C	Retract
ţţţ	20mm	U	2	\sim
	30mm 50mm	100C	100C	Extrude
මා		Auto		



\bigcirc	Move	Filament	Auto Leveling	
L ↓	Probe offset I	height	- 1	mm +
ţţţ	Auto leveling			
	Fade height		- 2	mm +
ŝ				Calibrate

Probe offset height: The offset value between the nozzle and the probe in the vertical direction. As the value increases, the distance between the platform and the nozzle decreases.

As the value increases, the distance between the platform and the nozzle decreases. As the value decreases, the distance between the platform and the nozzle increases. Leveling retreat height: The height range for automatic leveling during printing.



Custom settings for preheat, you can set different temperatures for each component.And you can save multiple templates.

\frown	Prin	t Preheat	General	
 ∠↑、	\bigcirc	Auto power-off		
↔	<u> </u>	Auto home page	ne page	
¢۴ ا	(F)	Interior lighting		
	IJ»	Screen sound		
<u>चि</u>	Ú.	Screen brightness		100 %
U Auto power-off				
Auto power-off: The printer will auto power-off when idle. You can set the time.				

\cap	Info	motor	Wi-Fi	Camera		
	Model			D600 Pro		
↔	Name			D600 Pro 🗲		
÷.	SN			V7.0.1		
<u> </u>	UI version			V7.0.1		
	Firmware ve	ersion		V7.0.1		
.0.	Used time			12:00:00		
হিয়	Language			English >		

Ulversion	Screen UI version
(Firmware version)	Printer firmware version
Language	Change language,support Chinese and English now





		Info	Motor	Wi-Fi	Ethernet
 ()		Connection sta	atus		Connected
• +		DHCP			
→		IP address			123456789
	Subnet mask			1213456789	
ট্য		Gateway			123456789





