WARNINGS

- The Nozzle of the PiKA3D Super pen can become hot. DO NOT touch the Nozzle, or you may be burned!
- DO NOT allow the Nozzle near or in contact with flammable materials.
- Allow the Nozzle to cool completely before storing.

Unplug the PiKA3D Super pen when not in use or before storing.

Allow the Nozzle to cool completely before storing.

DO NOT use the PiKA3D Super pen near bathtubs, showers, basins or other vessels containing water. This could result in death due to electric shock.

The PiKA3D Super pen should only be used with 1.75mm PLA and ABS filament.

This 3D Printing Device - when used with a styrene filament (ABS / HIPS / or PC-ABS) - can expose you and others in the same room to styrene, which is a chemical known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. **ALWAYS OPERATE YOUR 3D PRINTING DEVICE IN A WELL-VENTILATED AREA.**

CARE & MAINTENANCE
For care and maintenance information, and more advice on how to use your PiKA3D SUPER pen, please refer to our website: **PiKA3D.com**
To troubleshoot, please visit: **PiKA3D.com/troubleshooting**

SPECIFICATION OF POWER ADAPTER
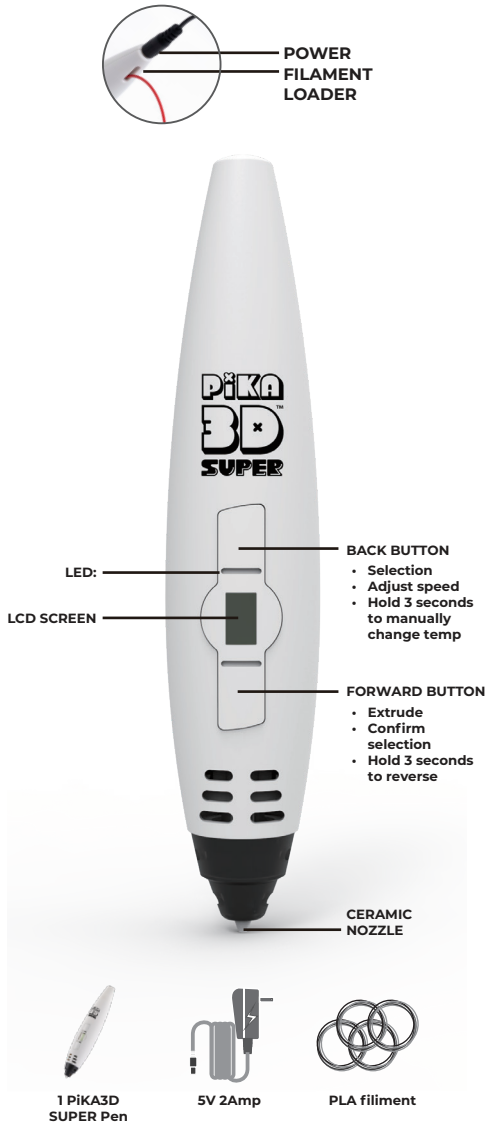Input: 100–240V AC, 1.5A MAX, 50/60Hz
Output: 5V, 2A

LIMITED WARRANTY
For more details on your limited warranty, please visit
PiKA3D.com/warranty
For PiKA3D Terms and Conditions and other notices refer to our website: **PiKA3D.com/terms-and-conditions**

AGES 14+ ONLY
KEEP OUT OF REACH OF CHILDREN.

The symbol indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling. The WEEE marking must appear on any electrical and electronic equipment placed on the EU market.

PiKA3D SUPER
User Manual

For the best user experience, please read this manual completely before usage.

www.PiKA3D.com

RoHS FC CE

Product Overview

POWER
FILAMENT
LOADER

LED:
LCD SCREEN

BACK BUTTON
- Selection
- Adjust speed
- Hold 3 seconds to manually change temp

FORWARD BUTTON
- Extrude
- Confirm selection
- Hold 3 seconds to reverse

CERAMIC NOZZLE

1 PiKA3D SUPER Pen   5V 2Amp   PLA filiment

Getting Started

1. Power On
Plug the USB power cord into the power adapter and connect it to an outlet. Plug the other end of the power cord into your pen.

2. Select the Filament
Once plugged into a power source, PLA or ABS will appear on the LCD SCREEN. Press the BACK button to toggle between PLA or ABS, and select PLA, which corresponds to the filament type included with your pen. Press the FORWARD button to activate the selected mode.
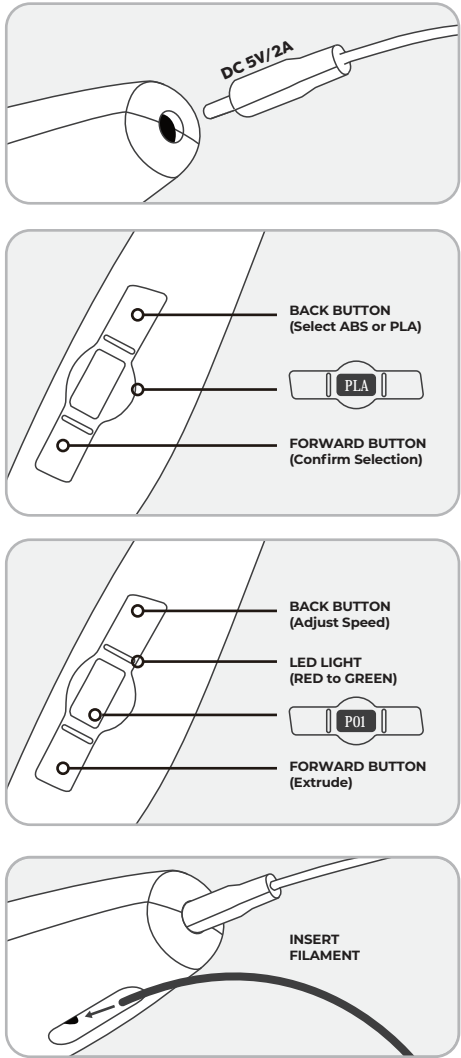
3. Speed & Temperature Settings
When the LED is flashing red it indicates the pen is preheating. When the LED displays a solid green light, the pen is ready to extrude. Use the BACK button to adjust the extrusion speed between fast and slow. You can also adjust the temperature manually by pressing and holding the BACK button for 3 seconds. Use the FORWARD and BACK buttons to increase / decrease the temperature, and then press and hold the BACK button for 3 seconds to exit the custom temperature settings. The temperature range for PLA is 190-220°C and 205-230°C for ABS.

4. Filament Loading & Drawing in 3D
Once the pen reaches the desired temperature, the LED will turn green. Click the FORWARD button, take the tip of the filament, and load it into the FILAMENT LOADER while the pen is running. Once plastic starts extruding (it will take several seconds) you are ready to start creating in 3D!

5. Changing Colors
To change colors, press and hold the FORWARD button for 3 seconds. The filament will automatically start to retract out of the back of the pen.


DC 5V/2A

BACK BUTTON
(Select ABS or PLA)

PLA

FORWARD BUTTON
(Confirm Selection)

BACK BUTTON
(Adjust Speed)

LED LIGHT
(RED to GREEN)

P01

FORWARD BUTTON
(Extrude)

INSERT FILAMENT

NOTE: Your pen will automatically go into "sleep" mode after 8 minutes. Click any button to wake it up and restart the heating process.

Tips

★ When using your PiKA3D SUPER you will find the best results for drawing flat object and on surface from holding the pen at an angle of 65 degrees or higher.

>65°

★ Make sure the tip of your filament is flat before loading it into the pen.

★ Filament quality varies greatly. We recommend using PiKA3D filament, and storing it in a cool, dark, dry place.

★ Plastic may continue to ooze slightly after the pen stops. This is more pronounced with PLA. This is common and normal. You can slightly decrease the temperature of your pen to reduce the oozing.

Temperature Tuning

1. Filament should come out smooth and without much bubbling. Some small bubbling is typical.

2. If when using the pen you see the plastic bubbling or you hear a crackling noise coming from the plastic, your temperature might be too high. Try lowering it 5~10°C to see if that helps.

3. While some plastics like PLA are more prone to oozing, if you find that your pen is oozing a lot of plastic, you can turn the temperature down by a few degrees. Check to make sure you are using the correct filament setting.

4. If the filament color looks dim and dark and you can hear the motor struggling, this means the temperature is too low. Increase the temperature by 5~10°C to see if that helps.
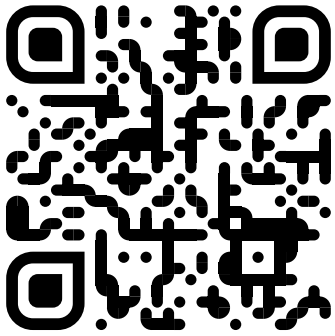
For more getting started tips and tricks, please visit our website www.PiKA3D.com or scan the QR code to visit our YouTube Channel.

Troubleshooting

Here are some common problems and possible solutions to these issue. If you can't resolve the issue let us see if we can help. Email help@PiKA3D.com.

Problem	Reasons	Solution
LED screen is off	Issue with the power adapter or plug	Replace the power adapter with another: 5v, 2A, 3.8mm barrel center + adapter.
	Issue with the power socket on the pen	The pen's electronics need servicing. Please contact help@PiKA3D.com if the pen is under warranty.
Flashing red & green indicator light	Low-power adaptor or power bank	Change power bank or adapter to one that has a 2 amp output.
Nothing comes out of the nozzle tip	The temp is not high enough, or the wrong filament setting was selected for the plastic being use.	Check to make sure the filament setting matches the type of plastic being used. You can also try to adjust the temperature manually.
	The tip of the filament is stripped and the drive system cannot grip it properly.	Reverse the filament out of the pen. Cut off the used portion to create a flat edge, and reinsert it into the pen.
	Filament won't load	Make sure the tip of the filament is a flat edge (not pointy or angled).
	Motor isn't making noise	Possible issue with the motor or electronics. Please contact help@PiKA3D.com if the pen is under warranty.
LED screen displays ERR	The temp is too high for the filament setting you selected, or the nozzle may be loose.	Unplug the pen and let it cool for 3 minutes. Try to push the nozzle back into place. If the issue persists, please contact help@PiKA3D.com.

PiKA3D SUPER

ISSUES?

Before returning to the retailer see if we can help

▶ Check out our tutorials:
PiKA3D.com/troubleshooting

Need more help? Contact us
help@PiKA3D.com