




SCRIB3D P1 3D Printing Pen User Manual

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SCRIB3D P1 3D Printing Pen





WARNINGS Symbols

- 
 The Nozzle of the Scrib3D P1 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.
- Inform others in the area that the Pen is hot and should not be touched.
- 
 Unplug and set the Control Switch to OFF when not in use or before storing.
- 
 Allow the Nozzle to cool completely before storing.
- 
 DO NOT use the Scrib3D P1 near bathtubs, showers, basins or other vessels containing water. This could result in death due to electric shock.
- 
 The Scrib3d P1 should only be used with ABS, and PLA filament approved by Scrib3d. Misuse of your Scrib3d P1, setting your pen to the wrong heating temperature, and/or iuse of non-approved plastics or other materials may result in damage to your pen or injury to you, and will void your warranty.
- Injuries to the user may include, but are not limited to, harm sustained from inhaling substances that are not suitable for heating; or burns from flammable materials used in the Scrib3d P1.
- ADULT USE ONLY.
- KEEP OUT OF REACH OF CHILDREN.
- 
 This 3D Printing Device – when used with a styrene filament (ABS / HIPS / or PC-ABS) – can expose you

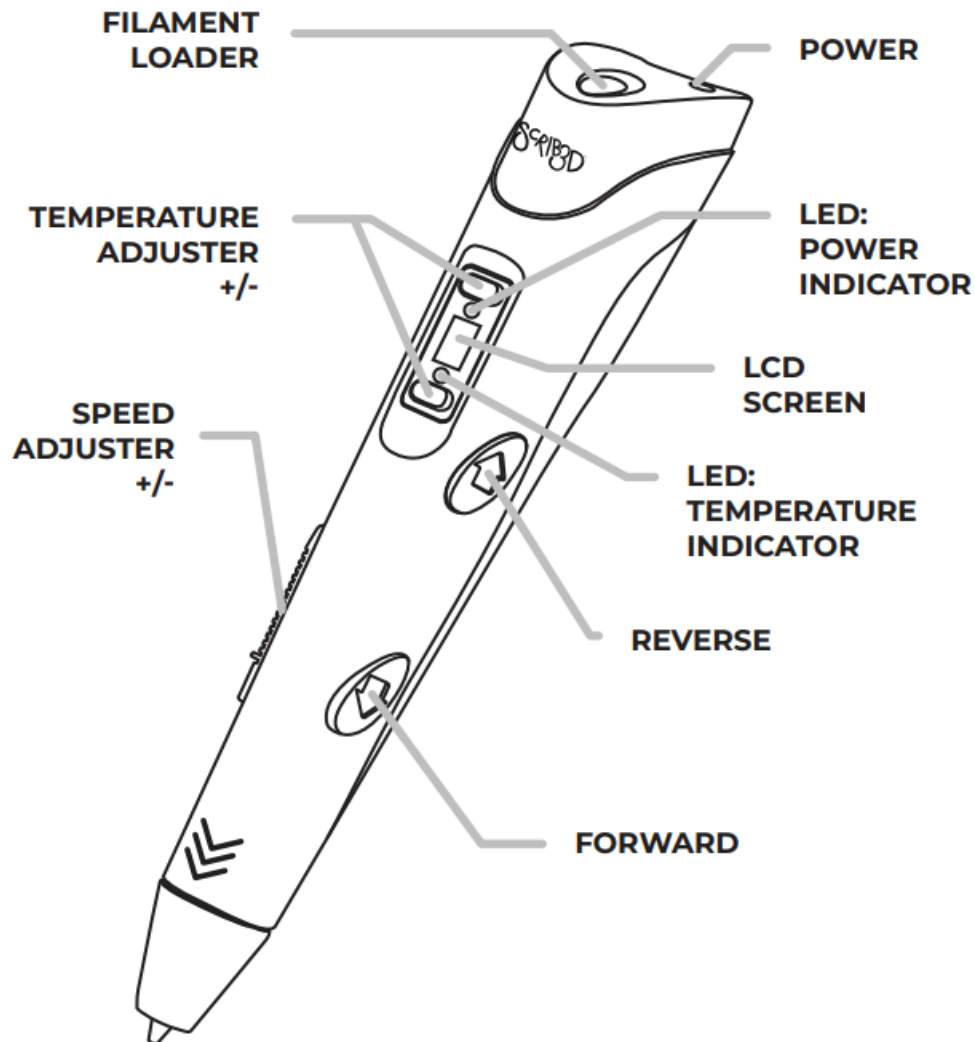
and others in the same room to styrene, which is a chemical known to the State of California to cause cancer.

For more information, go to: www.P65Warnings.ca.gov.

ALWAYS OPERATE YOUR 3D PRINTING DEVICE IN A WELL-VENTILATED AREA.

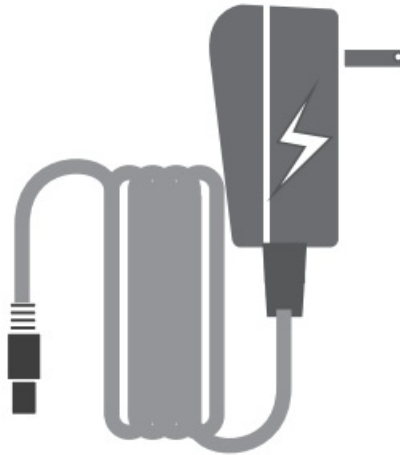
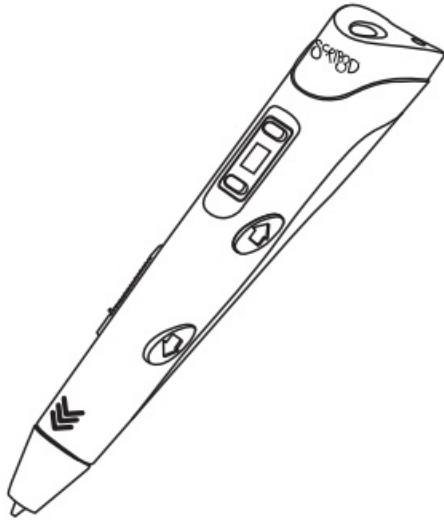
Product Overview

Features and Controls of your Scrib3D P1 3D Pen



Package Include

- P1 3D pen

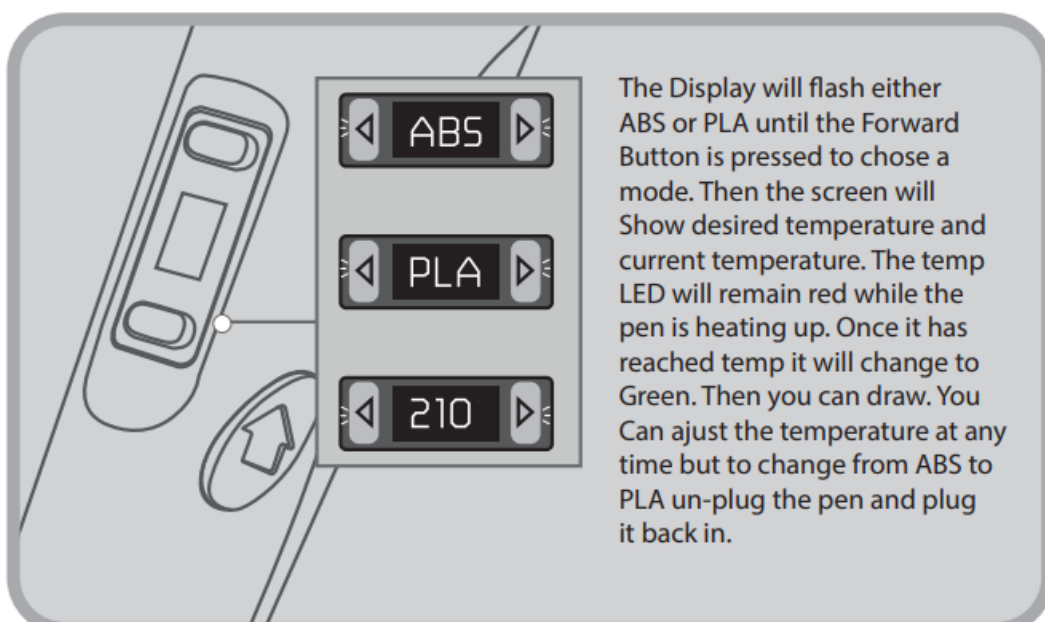
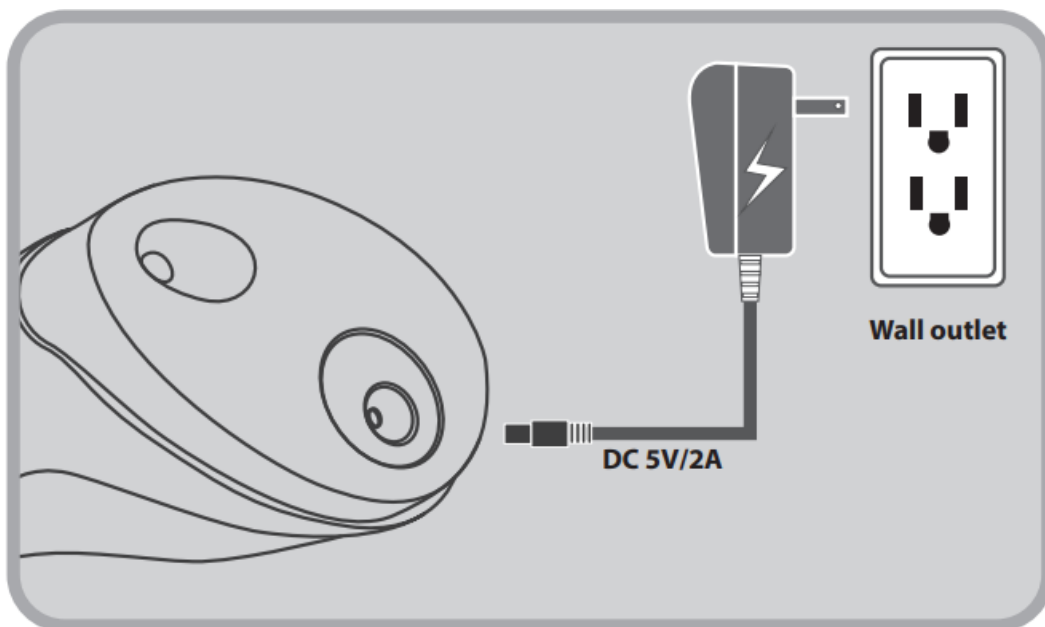


- Power Adapter (5V 2A)
- Filament

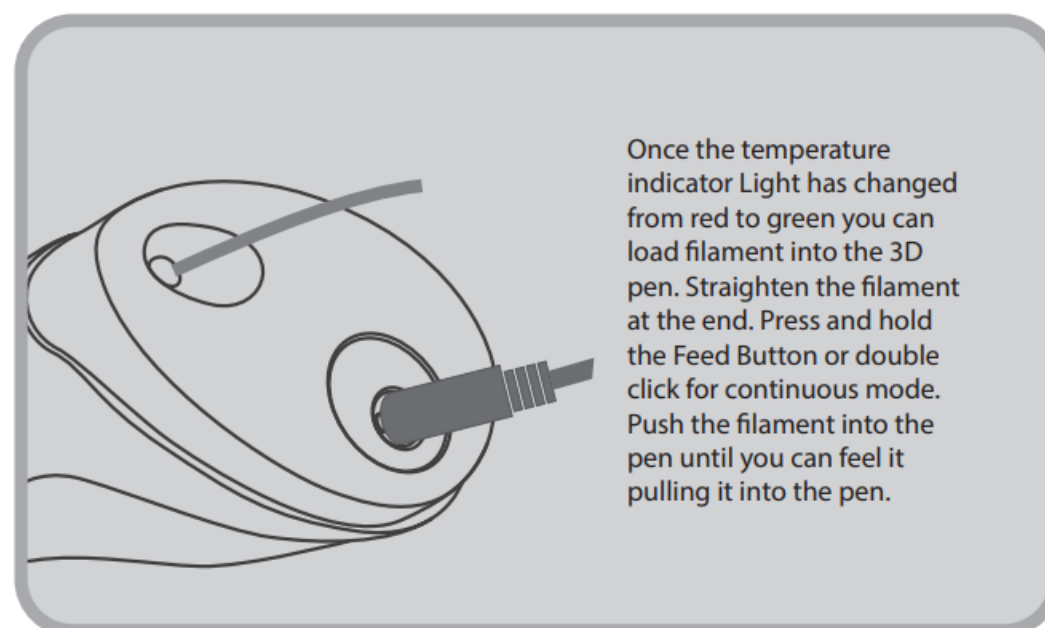


Getting Started

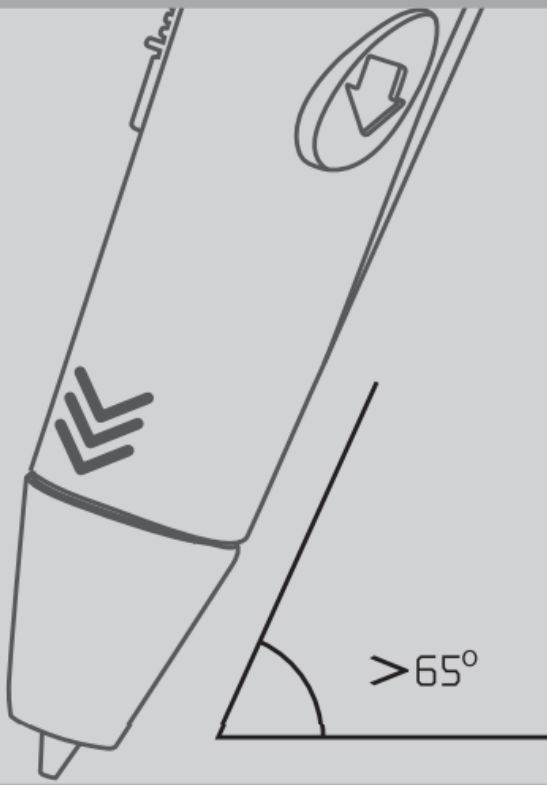
1. Connect the AC Adapter to an outlet. Plug the AC Adapter Plug into the Power Socket of the pen. The power indicator light should become yellow. (Note: this 3D pen can be used with a 3rd party power bank with at least 2 Amps output)
2. "ABS" or "PLA" will show on the Display, you can use the Temperature Up/Down Buttons to select a mode. Choose a mode that corresponds to the type of plastic you are using. (Note: using the wrong mode with the wrong plastic will make for a poor experience and possibly damage your pen)
3. Press the Forward Button to activate the selected mode. You can use the Temperature Up/Down Buttons to fine tune the temperature depending on need and desired usage. The temperature ranges are ABS: 200~230°C and PLA: 160-210°C. The Temperature Indicator Light will be red while heating up and will turn green when the pen is ready.
4. Once the Temperature Indicator Light has turned to Green, you can double click or hold down the ForwardButton (Note: best to have the speed at max). Straighten the end of the filament you wish to use and load it into the Filament Loader while the pen is running. Once plastic starts extruding you are ready to start creating in 3D!



The Display will flash either ABS or PLA until the Forward Button is pressed to choose a mode. Then the screen will show desired temperature and current temperature. The temp LED will remain red while the pen is heating up. Once it has reached temp it will change to Green. Then you can draw. You can adjust the temperature at any time but to change from ABS to PLA un-plug the pen and plug it back in.



Once the temperature indicator Light has changed from red to green you can load filament into the 3D pen. Straighten the filament at the end. Press and hold the Feed Button or double click for continuous mode. Push the filament into the pen until you can feel it pulling it into the pen.

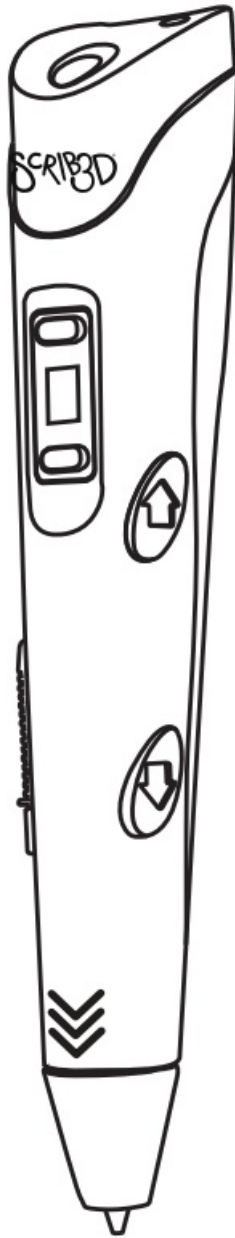


When using your Scrib3D P1 3D Pen you will find the best results for drawing flat object and on surface from holding the pen at an angle of 65 degrees or higher.

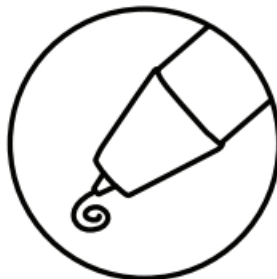
Snip those tips! when you change plastic or before you insert a new strand make sure the filament has a flat surface so it can push the previous filament. Failure to cut the end off the plastic can result in jams or pens not extruding. Check out tips on how to solve such issue on page 6.



- We recommend only using the Reverse button when removing and changing filament. If only partially withdrawn, filament can swell in the pen and create jams. If this happens, fully withdraw the filament and cut the swollen part off.



- Filament quality varies greatly. We always recommend using Scrib3D filament and storing it in a sealed and dry location.
- Plastic may continue to ooze slightly after the pen stops.
- This is more pronounced with PLA. This is a common Phenomenon (i.e. glue guns and 3D printers). If you see this happening, slightly decrease the temperature.



Temperature Tuning

1. 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 to 5~10°C and see if that helps.
2. The filament should come out smooth and without much bubbling but it is normal to have some small bubbling.
3. While some plastics like PLA are more prone to oozing, if you and that you're oozing a lot of plastic you can

turn the temperature down on the pen to help mitigate this. Also, check that 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.



For more help getting started, tips and tricks, troubleshooting and to learn more check out our website www.Scrib3dPen.com or our YouTube channel (scan the QR code).

Troubleshooting

Here are some common problems and possible solutions to this issue. If you can't resolve the issue please reach out to our customer service by email us at help@Scrib3Dpen.com

NOTE: Your pen will go into sleep mode after being inactive for 5 minutes (as a safety feature). Click any button to wake it up and restart the heating sequence.

FCC

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, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 following 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 the 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.

CAUTION: This Class B digital apparatus complies with the Canadian ICES-003

CAN ICES-3 (B)/NMB-3(B)

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Designed in the USA.
Made in China, Guangdong

CARE & MAINTENANCE

For care and maintenance information, and more advice on how to use your Scrib3d P1, please refer to our website: Scrib3dPen.com To troubleshoot, please visit: Scrib3dPen.com/troubleshooting

SPECIFICATION OF POWER ADAPTER

Input: 100-240V AC, 0.35A MAX, 50-60Hz **Output:** +5V DC, 2A

LIMITED WARRANTY

For more details on your limited warranty, please visit: scrib3dpen.com/warranty

For Scrib3D Terms and Conditions and other notices refer to our website: scrib3dpen.com/terms-and-conditions

This marking indicates that this product should not be disposed of with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

ISSUES?

Before returning to the retailer see if we can help Check out our tutorials: SCRIB3dPen.com/tips

Need more help? Contact us help@SCRIB3dPen.com

FAQs

What is the SCRIB3D P1 3D Printing Pen used for?

The SCRIB3D P1 3D Printing Pen is used to create 3D drawings and designs by extruding heated plastic filament. It allows you to draw in mid-air, creating sculptures, models, and other three-dimensional objects.

What types of filament can the SCRIB3D P1 3D Printing Pen use?

The SCRIB3D P1 3D Printing Pen is compatible with PLA and ABS filaments, allowing you to create a variety of projects with different materials.

How do I control the temperature on the SCRIB3D P1?

The SCRIB3D P1 features an adjustable temperature control, which lets you select the ideal temperature

for the filament you're using. It typically ranges between 160°C - 230°C.

What is the maximum extrusion speed of the SCRIB3D P1?

The SCRIB3D P1 offers adjustable extrusion speeds, allowing users to control how fast the filament is extruded for more precision or faster drawing, depending on their needs.

What safety features does the SCRIB3D P1 have?

The SCRIB3D P1 has several safety features, including a nozzle safety cover to prevent burns and an auto-shutoff feature when left idle for too long, ensuring a safer experience for users.

How long does it take for the SCRIB3D P1 to heat up?

The SCRIB3D P1 heats up quickly, typically within 1-2 minutes, so you can start drawing in 3D without long wait times.

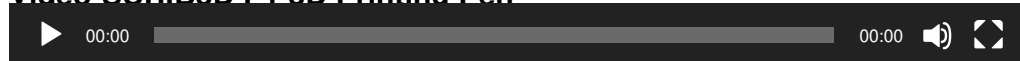
How do you replace the filament in the SCRIB3D P1?

To replace the filament in the SCRIB3D P1, simply heat the pen, remove the old filament by pulling it out, and then insert the new filament. The pen is designed to make this process straightforward.

What kind of projects can I make with the SCRIB3D P1?

With the SCRIB3D P1, you can make a wide range of creative projects, including 3D art, prototypes, home décor items, and even custom toys or tools.

Video-SCRIB3D P1 3D Printing Pen



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References

- [User Manual](#)

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