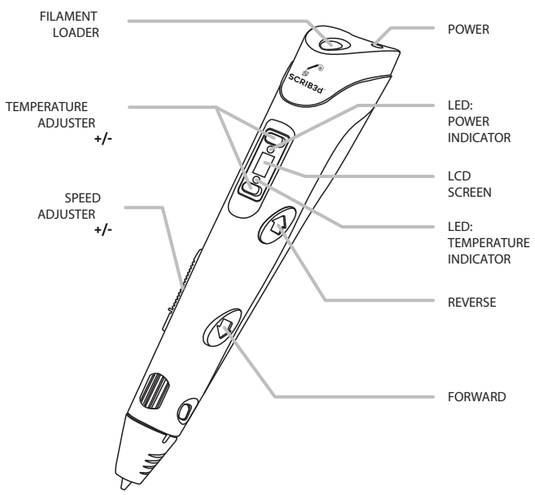
SCRIB3d™
CREATE IN A NEW DIMENSION

Features and Controls of your Scrib3D P1 3D Pen



CE FC RoHS

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 5~10°C and see if that helps.

2. Filament should come out smooth and with out much bubbling but it is normal to have some small bubbling.

3. While some plastics like PLA are more prone to oozing, if you find that your oozing a lot of plastic you can turn the tempiture 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, trouble shooting 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 these issue. If you can't resolve the issue please reach out to our customer service by email us at help@Scrib3Dpen.com

Problem	Reasons	Solution
Power indicator Light will not turn on	Issue with the AC adapter or plug	Replace the AC adapter with another: 5v, 2A, 3.8mm barrel center + adapter
	Issue with the electronics of the pen	
	Issue with the power socket of the pen	The pen's electronics need servicing please contact help@Scrib3Dpen.com if the pen is under warranty
Nothing is coming out of the nozzle	The temperature is not high enough or the wrong mode for plastic was selected	Check mode the pen is in is correct of the plastic you are using. You can also try adjusting the temp manually
	Filament has stripped ie. a chunk has been taken out of the filament and the drive system can't push it anymore	Reverse the filament out of the pen. Cut off the damaged portion and throw it away and try again
	Filament won't go in	Make sure the filament has a flat surface on the end going into the pen
	No motor noise	Possible issue with the electronics or the motor please contact us at help@Scrib3Dpen.com
Pen not heating up	Probem with the heating element/nozzle	Replace the nozzle. see Scrib3Dpen.com for more info
Motor is struggling	Could be an issue with the filament inside	Reverse out the filament. Cut off any swollen or deformed parts and cut a new end before reinserting.

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

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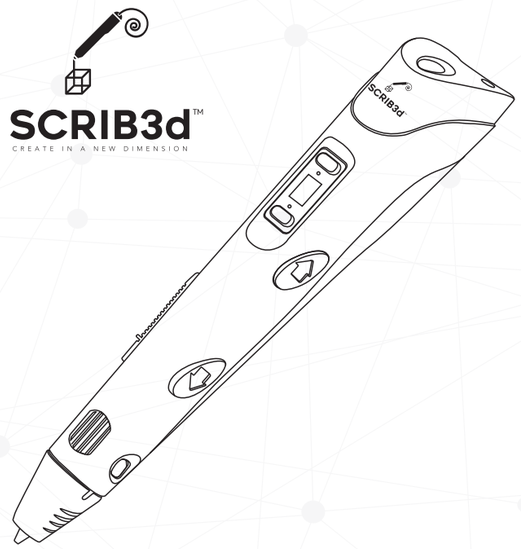


User Manual Scrib3D P1

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

www.Scrib3Dpen.com

WARNINGS

- 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, PLA filament approved by Scrib3d. Misuse of your Scrib3d P1, setting your pen to the wrong heating temperature, and/or use 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.

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 Scrib3d P1, please refer to our website: **Scrib3dPen.com**
To troubleshoot, please visit: **Scrib3dPen.com/troubleshooting**

SPECIFICATION OF POWER ADAPTER
Input: 100-240V AC, 0.5A 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

ADULT USE ONLY.
KEEP OUT OF REACH OF CHILDREN.

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.

FCC Statement: 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 in-terference, and (2) this device must accept any interfe-ence received, including interference that may cause undesired operation.

CAUTION: 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.
• You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

CAUTION: This Class B digital apparatus complies with Canadian ICES-003.
CAN ICES-3 (B)/NMB-3(B)

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)

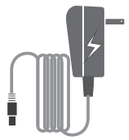
2. "ABS" or "PLA" will show on the Display, you can use the Temperature Up/Down Buttons to select a mode. Choose a mode that corresponds to the type of plastic you are using. (Note: using the wrong mode with the wrong plastic will make for a poor experience and possibly damage your pen)

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.

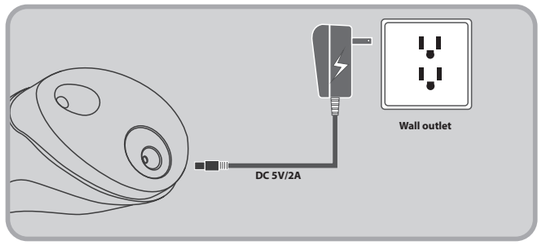
4. Once the Temperature Indicator Light has turned to Green, you can double click or hold down the ForwardButton (Note: best to have the speed at max). Straighten the end of the filament you wish to use and load it into the Filament Loader while the pen is running. Once plastic starts extruding you are ready to start creating in 3D!

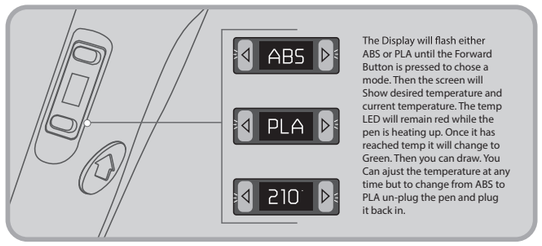
P1 3D pen

Power Adapter (5V 2A)

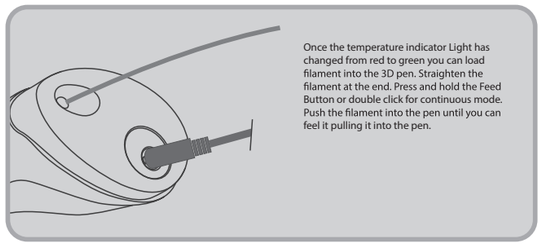


Filiment

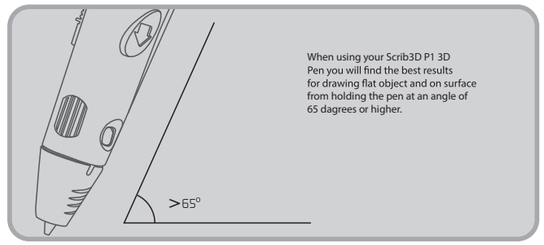




The Display will flash either ABS or PLA until the Forward Button is pressed to chose a mode. Then the screen will Show desired temperature and current temperature. The temp LED will remain red while the pen is heating up. Once it has reached temp it will change to Green. Then you can draw. You Can ajust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

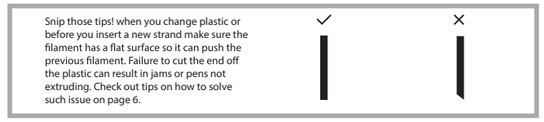


Once the temperature indicator Light has changed from red to green you can load filament into the 3D pen. Straighten the filament at the end. Press and hold the Feed Button or double click for continuous mode. Push the filament into the pen until you can feel it pulling it into the pen.



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 dagrees 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.