

# High Temperature PLA/ABS 3D Pen Kit

HOBBYIST



## User Manual

TL4582

## **WARNING**

- This pen is suitable for children over 8 years old and adults. Children are only allowed to use the pen under adult supervision.
- The nozzle operates at high temperature, do not touch it while in operation.
- It is strictly prohibited to use any other material into the filament loading hole.
- Do not use power adapters other than the one provided in the kit.
- Prohibited to use filament provided by other company, with different filament parameters.
- Keep the pen away from water.
- Keep the pen in a safe place, out of reach of children.

## **PACKAGE CONTENTS**

- Type-C Adapter
- Filaments
- User Manual
- 3D Pen
- Plastic Screw Driver  
(for adjusting temperature and opening the back cover)

## FUNCTIONS



## OPERATING INSTRUCTIONS



- 1.** Plug in the Type-C adapter or to a power bank which has an output of 2A or above.



- 2.** Click the filament loading button once to start heating. When the actual temperature reaches the preset temperature, the pen is ready to work.



- 3.** Put the filament in through the filament loading hole. Keep pressing or double click the filament loading button to load the filament.



**4.** The buttons marked as "+" and "-" are used for temperature adjustment. The scope is 130°C to 230°C. The slide button is used for speed adjustment. Up is faster and down is slower.



**5.** Keep pressing or double clicking the filament unload button to unload the filament. Clicking the "+" and filament unloading button at the same time enables you to switch the temperature to fit either ABS or PLA.



**6.** The pen will enter standby mode after 2 minutes of no operation. Click the filament loading button to start heating the pen. Please do not touch the tip of the pen.

## TROUBLESHOOTING

ISSUE	REASON	SOLUTION
The power indicator light does not flash	The power adapter or plug line defective	Repair or replace the power adapter
	Motherboard defective	Repair or replace the motherboard
	Socket lead off	Solder the socket
No filament come out of nozzle	Nozzle blocked	Replace the nozzle set
	Temperature is not high enough	Replace the nozzle set or adjust the temperature
	No working temperature	Replace the nozzle set or check the motherboard
	Gear slips	Move out filament, clean gear, cut off
	Fail to load filament	the damaged filament, then reload it Unload filament and cut the end of filament well
	Motherboard defective	Repair or replace the motherboard
No working temperature	Heating part defective	Replace the nozzle set

## FILAMENT CUT



Correct



Wrong



Wrong

## SPECIFICATIONS

Discharging mode:	Hot melt extrusion molding
Molding:	Three-dimensional molding
Print Range:	Unlimited
Feeding Speed:	Adjustable
Printing Material:	PLA/ABS
Electric Parameter:	DC5V 2A 10W
Nozzle Diameter:	0.7mm
Filament Diameter:	1.75mm
Filament Temperature:	ABS 220°C, PLA 190°C
Power Adapter:	100-240V 50/60Hz 0.5A
Pen Dimensions:	175mm x 17mm x 20mm
Pen Net Weight:	46g

## WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose. This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

Electus Distribution

Address 46 Eastern Creek Drive, Eastern Creek NSW 2766

Ph. 1300 738 555