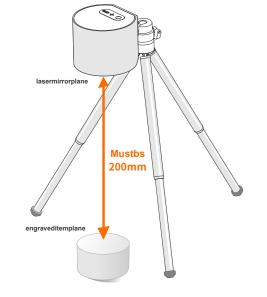
## LaserPecker Engraving Machine **Instruction Manual**



Thedistancebetweenthelasermirrorplaneand

theengraveditemplanemustbe200mn

Otherwisetheengravingmayfai

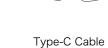
LASERPECKER

The Standard Version

Product And Accessories List



The Tripod



Goggles





# The Host

- 1. Type-C Interface
- Bluetooth Connection Indicator 3. Power Switch 4. Tripod Mounting Hole
- 5. Laser Window

Safety Shield

6. Host Location

(To be purchased separately

- (Power Output Interface) 8. Fan Exhaust 9. Type-C Interface
- (External Power Interface)
- 10. Switch Button

Accessories (To be purchased separately)

The Charger





# **Product Introduction**

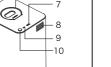
**Operation Diagram** 

product or a charger, power bank, other forms of power supply

Power On







# **APP Download Path**



 You can download the APP in a suitable way by using the following GR code.





Note: after downloading and installing the APP, please read the warnings and precautions in the APP carefully to ensure normal use of the product.

certified above QC2.0, as shown in the following diagram.

Prepare an adapter with a type-c interface above 5V/2A. It is recommended to use the power adapter that comes with this



Without the safety shield, the tripod should be installed at the

Install Tripod

screw hole of the host machine, and adjust the height of the tripod to right position(200 (+/-5)mm is recommended), and the mirror surface of LaserPecker shall be parallel to the carved plane, as shown in the following diagram.



## Bluetooth Connection

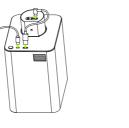
When connected to the power supply, the indicator light starts flashing, indicating that the device is in bluetooth pairing state. Click connect bluetooth on the app, and the indicator light will stay on after successful pairing.



· Press the button to pause or continue the engraving



 Install safety shield (additional purchase required) Install the host on the safety shield, then connect the power supply as shown in the figure below.

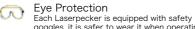


 Password Lock When using the device for the first time, you





## Contact



will suspend operation immediately when

**Instructions Before Use** 

Manufacturer: Shenzhen Hingin Technology Co., LTD goggles, it is safer to wear it when operating. Telephone: + 86 0755-28913864

Size

Weight

The Laser Source

Document Transmis

Support Document

APP Operating Syst

The Power Input

Operating Humidity

Operating Temperature

APP Connection Mode

Laser Source

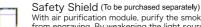
Appearance

Color

need to enter the security code to start the work. Motion Detection Equipped with sensitive G-senser, the Laserpecker

accidental movement during operation is detected. Overheating Suspended

The Laserpecker will suspend operation if the detected internal temperature is close to the destructive threshold.



With air purification module, purify the smoke from engraving. By weakening the light source, the work state can be observed with naked eves.

## Technical support

- This product we support the global online technical support services, if you encounter any problems in the use of the please Email to laserpecker@hingin.com and we will reply to
- vou as soon as possible. Customer service time: 9:30-19:30 from Monday to Friday.
- If you use it for the first time, a prompt will pop up asking you to register first.Or click the menu icon in the upper right corner account to register or modify the user account security code.
- Note: the safety code is 6 digits, which shall be input before printing preview and engraving. Please keep it properly.
- mode consent disclaimer, otherwise cannot carry on engraving.
- Specific APP operation steps can be referred to [APP user manual Patent application
- After use, please press the power switch until the indicator is of and then pull out the USB cable and power supply.

If you are not using a protective cover, please first open the free

# **Use Safety Guide**

### Email: laserpecker@hingin.com

65\*61\*53mm

500 mW SHARP 405 nm Blue-Violet Laser

(The luminous power of focusing energy is 1500mw)

range can be set at 5%-100%

Anodized of aluminium alloy

Bluetooth 4.0

G-Code and JPG

Bluetooth connection

Support IOS 9.0+/Android 5

type - c (5V, 2A)

0°C ~ 65°C

5° C ~ 80° C(Non-condensation

E,RoHS,FCC,FDA CDRH registration

IEC 60825-1 (Laser level 1 safety

specification) TELEC(MIC)

IEC 60825-1 (laser level 4)

7 patents

Red, Black, Gold, Green

Blue laser, power output

# **Product Specification**

•	To avoid possible damage caused by LaserPecker falling, please
	ensure that both the product and the carved object are placed
	firmly before use

Wear appropriate clothing and safety equipment (e.g. goggles.

Remove the power cord before moving the LaserPecker.

operating the LaserPecker

Be alert when the laser is emitted.

semi-transparent baffles, skin protective clothing, etc.) before

- Make sure that a protective layer with high melting point (meta ceramics, etc.) is placed behind the carved object in order to preventunnecessary loss caused by burning through the carved object due to excessive laser intensity during use. When operating with LaserPecker, be sure to wear goggles
- Avoid children, minors, pets and moving objects that may touch LaserPecker to approach or touch this product.
- Ensure that the engraved material you are using does not release toxic substances during carving.
- Do not place the product in high temperature or humidity environment.
- Do not place flammable or explosive materials around this product.
- · Keep the environment ventilated, because the product will product
- Ensure that all parts of the machine appearance are intact, and the tripod connection part and the interface of all parts of the host machine are connected properly before starting up. In case of any defect, please stop using immediately
- Be sure to supply power in strict accordance with the voltage and current specifications on the label.

smoke or pungent smell during carving.

- contents in mind for a standard operation. There is a very dangerous laser source component in the shell of
- - While LaserPecker is working, a laser beam may be emitted. which may cause skin burns. In particular, it can cause serious damage to the eyes of humans or animals (pets). The damage to screens of devices such as phones and pads is also very serious. Proper use and maintenance of the product is extremely important for the safe operation of this product. For the operation and maintenance of this product, please strictly follow the instructions in this manual.

Please read the use safety guide carefully and keep all the

This product does not contain any replaceable components

Do not disassemble LaserPecker yourself for any scenario.

Cautions

### Disclaimer

You (including your authorized person) agree to exemp LaserPecker and its substantive owners, directors, employees agents, distributors, retailers, contractors, or affiliated enterprises from any liability, loss, compensation(including but not limited to or liquidated damages arising from using LaserPecker in the

### Please read this document carefully before using the product to understand your legal rights, responsibilities and Safety instructions.

When using this product, if the grounding wire of the power supply

plugged into the power supply, otherwise a very dangerous electric

shock accident will occur. When the power supply of the product

not connected to the safety ground wire, it may also cause uncertain

impact on the laser system: Therefore, make sure the power supply

LaserPecker is designed for use in a specific place. You must wa

and explain the danger of operating the product to anyone who has

access to the place with your authorization, and at any time prever

any person without your authorization from approaching or touch

LaserPecker without proper safety equipment. LaserPecker shall be

kept within the operating area under your control at all times and

must be accessed or used by special tools, keys (security codes)

This product meets the requirements of class IV laser products.

aserPecker, for safety, it is still necessary to be vigilant and avoi

Please operate according to the specifications, otherwise, it will

cause damage to skin or eyes. In the actual working state of

locks or other similar security control methods.

such as the terminal board) does not work effectively itshall not be

Warning

includes a secure ground wire.

ooking directly at the laser.

this product. When the laser source of LaserPecker is turned on Information in this manual is subject to change without notic and a beam is emitted, you must avoid direct exposure to the laser And the information in this manual does not constitute a

to as [Hingin technology])

Copyright

Except for the use of the buyer of the product, without the

For products sold in non-China mainland regions, when the

## Engraving material limitation

Metal, stone, ceramic, glass, and other hard materials cann

Except for the use of the buyer of the product, without the written permission of the company, the contents of this Manual are not allowed to rewrite or forward in any form or for any purpose.

## Warranty – Considerations

### When consumers apply for warranty services, they are obliged The copyright of this manual belongs to the software and to backup all important personal data in advance. During the hardware involved in this product, and all rights belong to maintenance process, such as replacement of parts or update Shenzhen Hingin technology Co., LTD. (hereinafter referred

- LaserPecker is a registered trademark of Hingin technology Products enjoy free shipping free maintenance warranty service only within 15 days of the shipment date, 15 days after the
- commitment by the company. Please visit our website (https://www.laserpecker.net) for the most timely updates.
- written permission of the company, the contents of this Manual are not allowed to rewrite or forward in any form or for any purpose.

be carved directly. Ceramic and glass materials only could be carved when adding a heat transfer layer on the surface. regardless of whether they are within the scope of warranty, need . The Laserpecker use a blue laser source with a wavelength to first seek warranty services from the path authorized by the of 450nm. Based on the physical characteristics of blue lase original country of purchase, Inspection and manual handling fees reflective, transmittance, white and blue surfaces are difficulwill be charged. If the recipient's country has additional tariffs to engrave due to low absorption rate.

 To the extent permitted by law, this warranty is exclusive and supersedes all other warranties express or implied or statutory. In addition, Hingin technology will not be responsible for any accidental, special, indirect or derivative damage (which may originate from use, misuse, non-use or product defects).

### of product software version, data will disappear during the maintenance process. Hingin technology will not provide data backup or integrity of relevant data and set value.

- shipment date to the warranty period, the courier fee need to be Any replacement or repair of the product will retain the remaining
- warranty period of the original product or the 30 days warranty after replacement
- consumer apply for warranty service, due to local laws and regulations, safety standards, customs and maintenance technology and parts inventory, some sold products in some countries and regions cannot send back to Hingin technology for warranty service, the Hingin technology can only provide limited warranty service. Therefore, consumers not in China mainland.
- during delivery, it will be borne by the consumer. Consumers apply for warranty service directly to Hingin technology, will be handled in a similar manner. Distributor may sell Hingin technology products to customers outside China mainland, and if any value-added services are
- provided that are different from this warranty, such services are only valid for the area sold by distributor and have nothing to do with this warranty service.
- Engraving quality is highly correlated with user operation, processing material and processing environmentlt's not under
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www.laserpecker.net