

# Installation Manual

## AteZR P5/P10/P20 Plus

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**Dear user:**

Welcome to join! Thank you for purchasing the P5/P10/P20 Plus with Atezzr. Are you ready for the new experience of a lifetime? We sincerely hope you enjoy the next phase journey of discovery. Remember, Atezzr is there for you wherever you are!



# CONTACTING ATEZR

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[www.atezr.com](http://www.atezr.com)



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# Packaging List



Y-axis left and right slide rails



Upper and lower support beam



Adjustable rod



Laser Module



Display screen  
(P10\ P20 PLUS)



HDMI cable  
(P10\ P20 PLUS)



X-axis slide rail



Power cable



Power Adapter



USB cable



Safety goggles



Metal mat board



Cleaning cloth



Foot bracket\*4



Product Manual



Acrylic sheet\*3PCS



Mounting screws



Wood chips\*3PCS



USB card and card reader



Brush



Wire tie



Toolkit



Scan the QG code to find the installation tutorial video.



# Cautions

01

High-intensity laser beams generate extremely high temperatures and a lot of heat as cutting burns the substrate quantity. Certain materials may catch fire during cutting, creating gas and smoke. Do not leave the machine unattended during the engraving process. After use, be sure to clean up the sundries and inflammables in the machine. Always keep an available fire extinguisher nearby to ensure safety. When using a laser engraver, the material generates fumes, vapors, particles, and toxic materials in plastics and other combustible materials. These smog or air pollutants may harmful to health.

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02

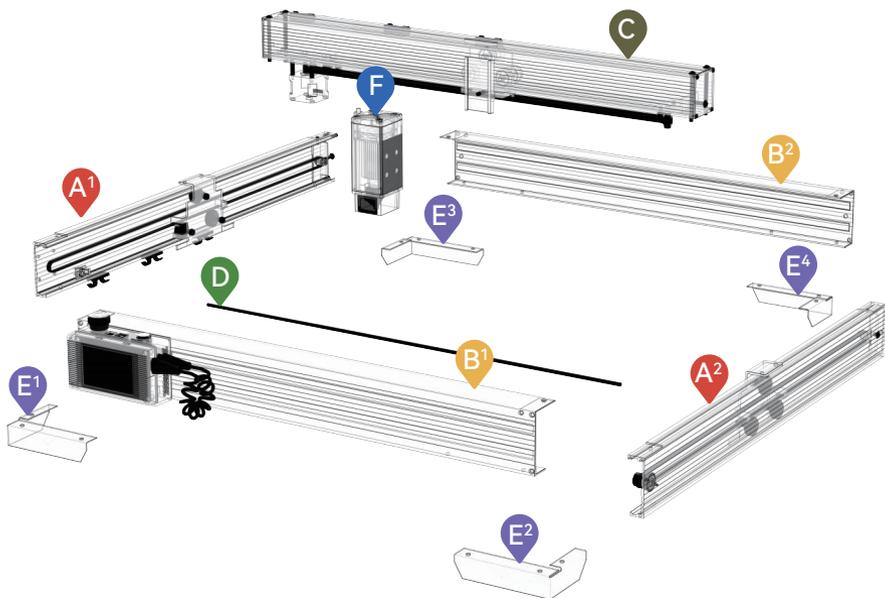
When installing the equipment, make sure that the workplace must be clean and that there are no flammable or explosive items. A sheet of metal must be placed under the bottom when engraving or cutting.

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03

When using the laser engraving machine, it is recommended to wear laser safety goggles. Avoid skin exposure to type 4 beams, especially at close range. Youth aged 12-18 must have parental supervision during use. Do not touch the laser engraving module when the machine is on.





Y-axis left and right slide rails



Upper and lower support beam



X-axis slide rail



Adjustable rod



Support feet

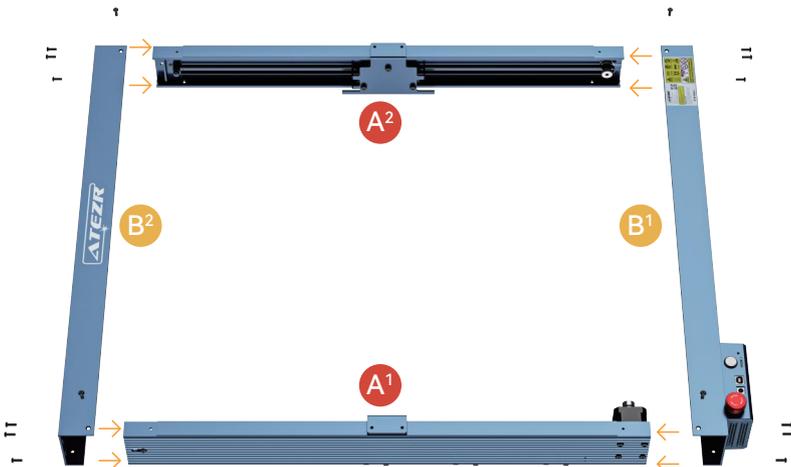


Laser module



Scan the QG code to find the installation tutorial video.

## Step 1 Framework assembly



(M4\*12) 16PCS



0.01inch(2.5mm)  
Allen key



Scan the QG code to find the installation tutorial video.

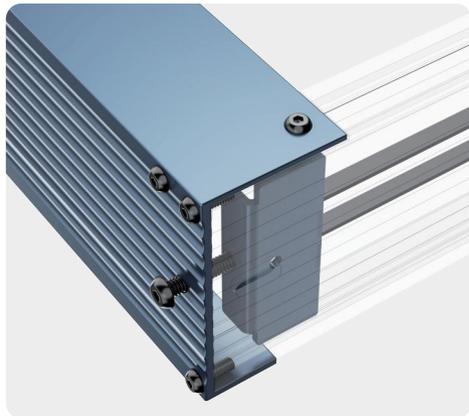
## Step 2 Install the belt tension adjustment nut



(M5\*14) 2PCS



0.12inch(3mm)  
Allen key



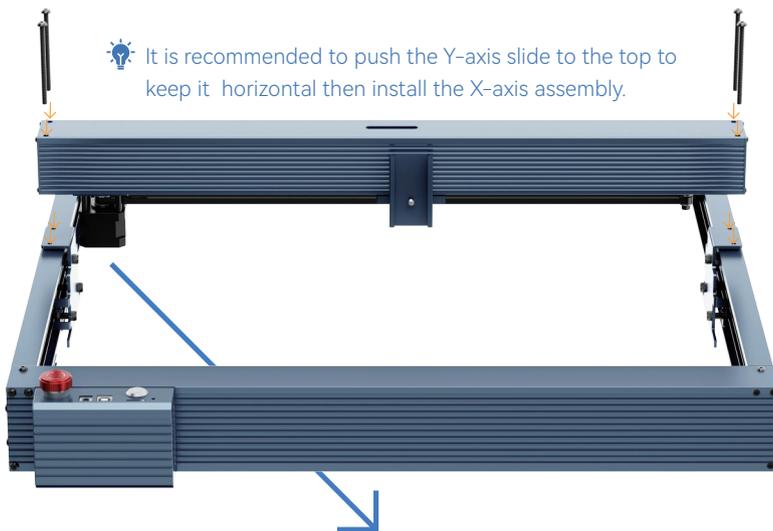
The belt has been adjusted !  
Adjust these two screws when you need them!



Scan the QG code to find the installation tutorial video.

### Step 3 Install the X-axis assembly

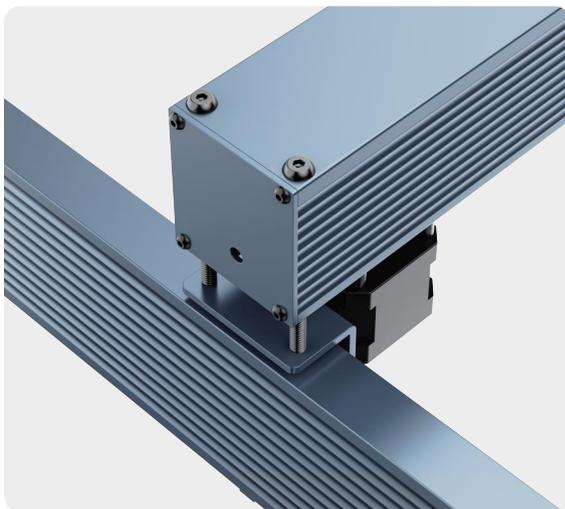
💡 It is recommended to push the Y-axis slide to the top to keep it horizontal then install the X-axis assembly.



(M5\*60) 4PCS

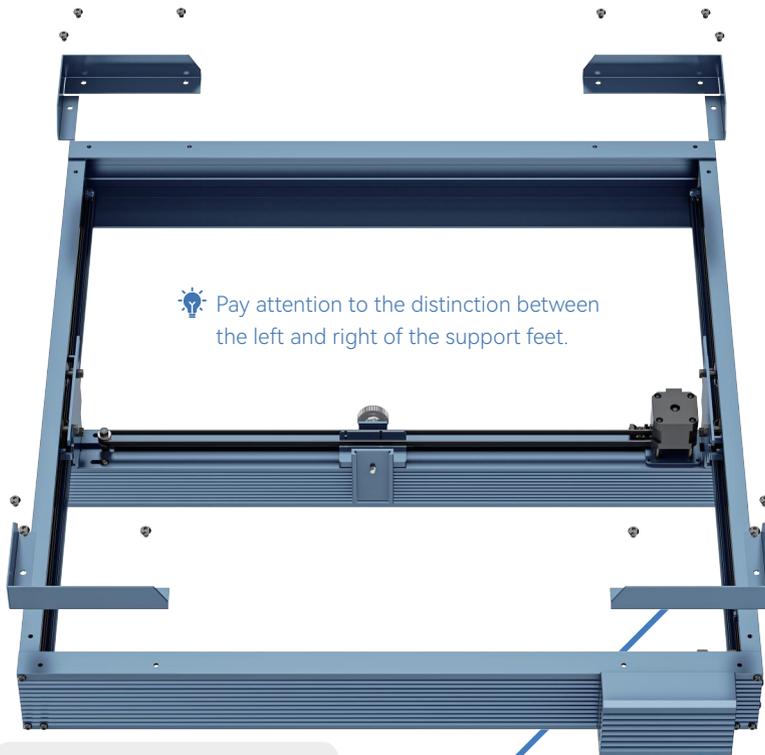


0.12inch(3mm)  
Allen key



Scan the QG code to find the installation tutorial video.

## Step 4 Install the bottom support feet



💡 Pay attention to the distinction between the left and right of the support feet.



(M5\*6) 12PCS

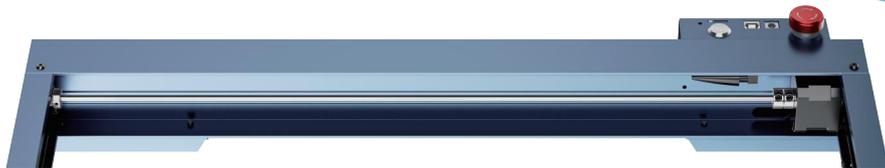


0.12inch(3mm)  
Allen key

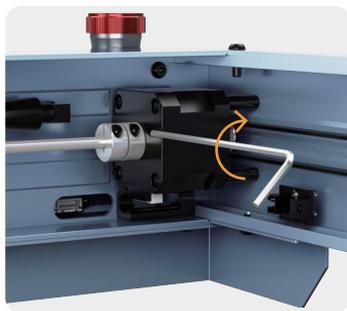
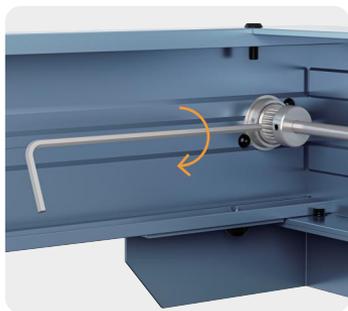


Scan the QG code to find the installation tutorial video.

## Step 5 Install the Adjustable rod

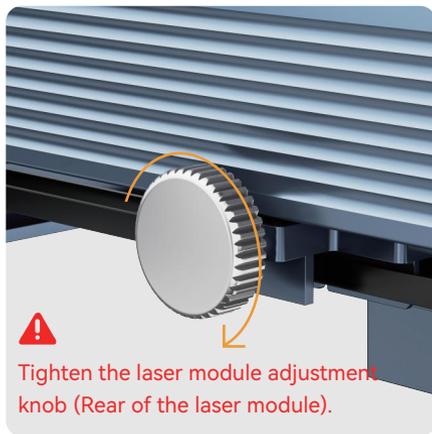
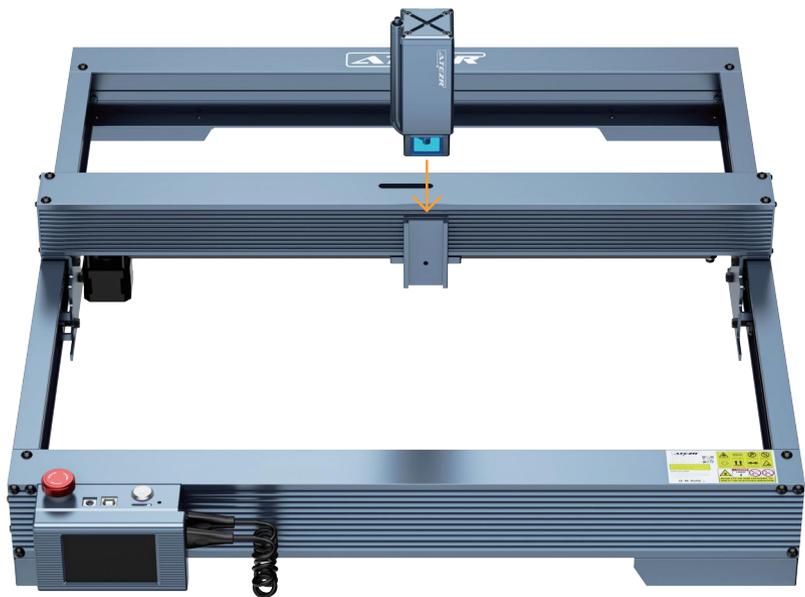


 Adjustable rod



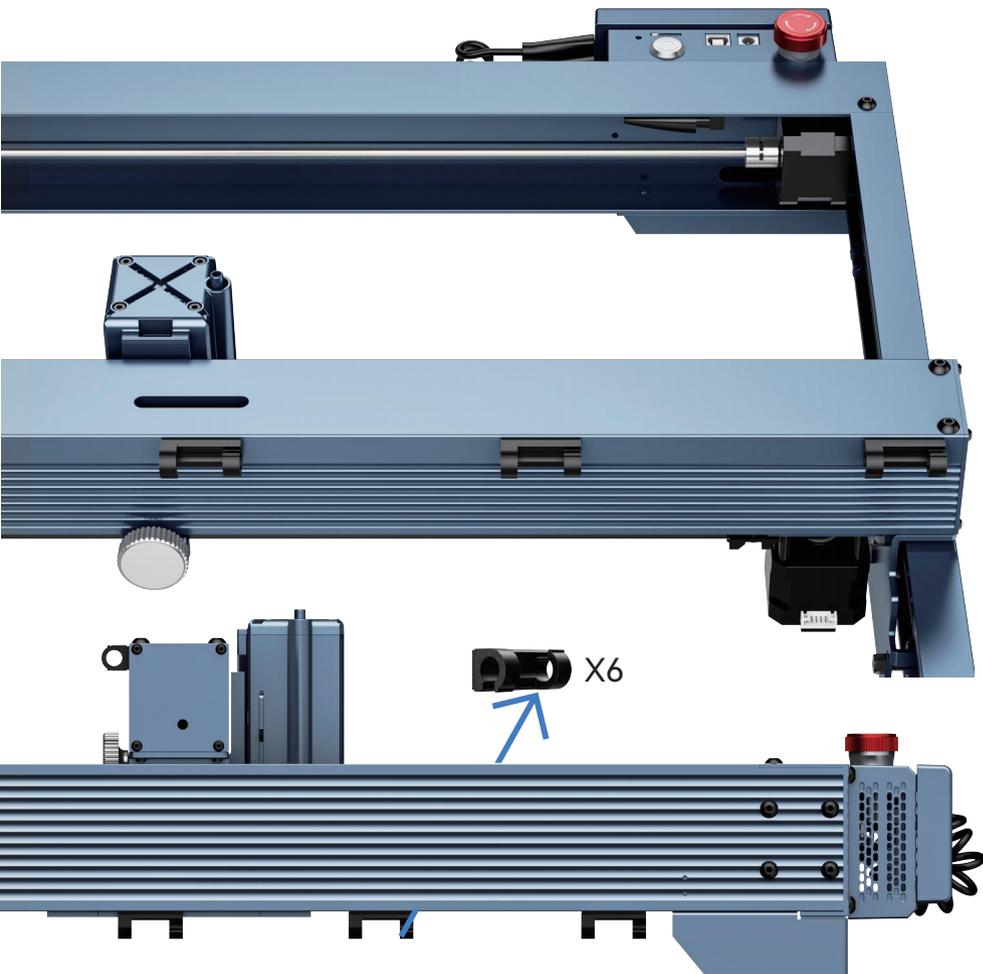
Scan the QG code to find the installation tutorial video.

## Step 6 Mounting the Laser



Scan the QG code to find the installation tutorial video.

## Step 7 Install the cable tie



💡 Attach the cable ties on the X-axis and Y-axis.



Scan the QG code to find the installation tutorial video.

## Step 8 Install the cable tie



6 holes are connected to the motor



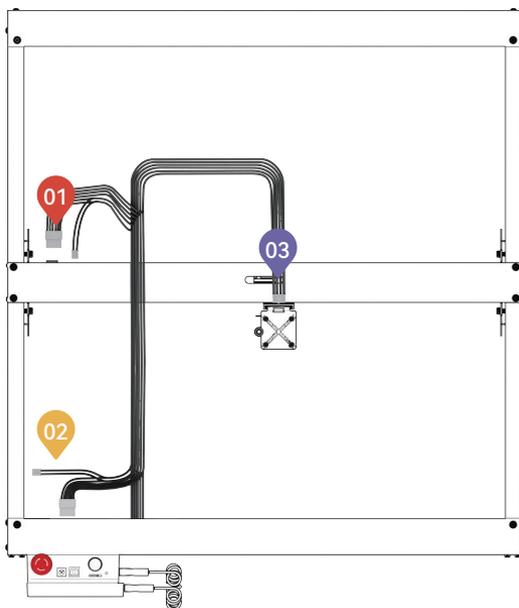
4 holes are connected to the laser module



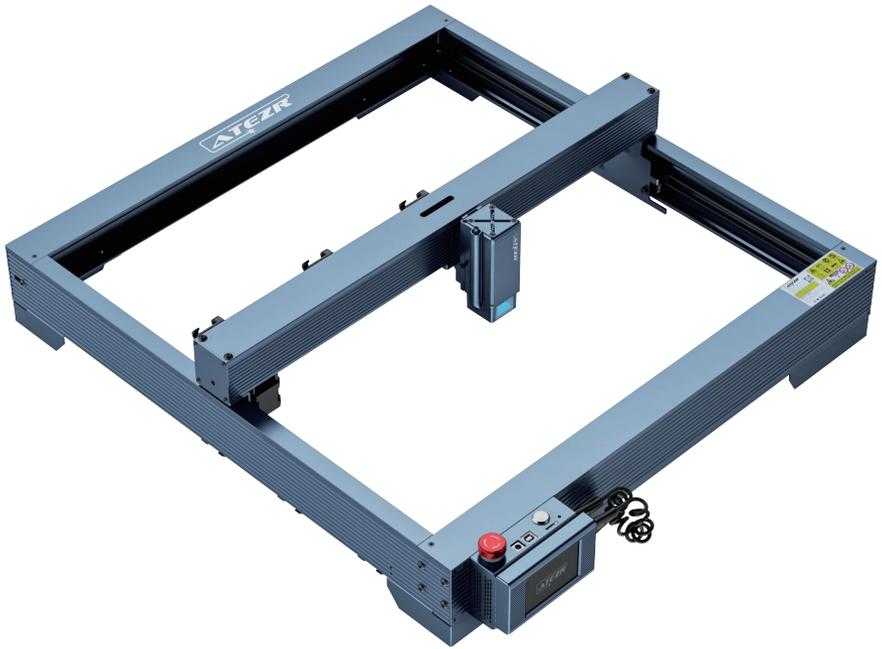
2 holes are connected to the limit switch



Pay attention to the front and back of the interface. Be aware to insert correctly.



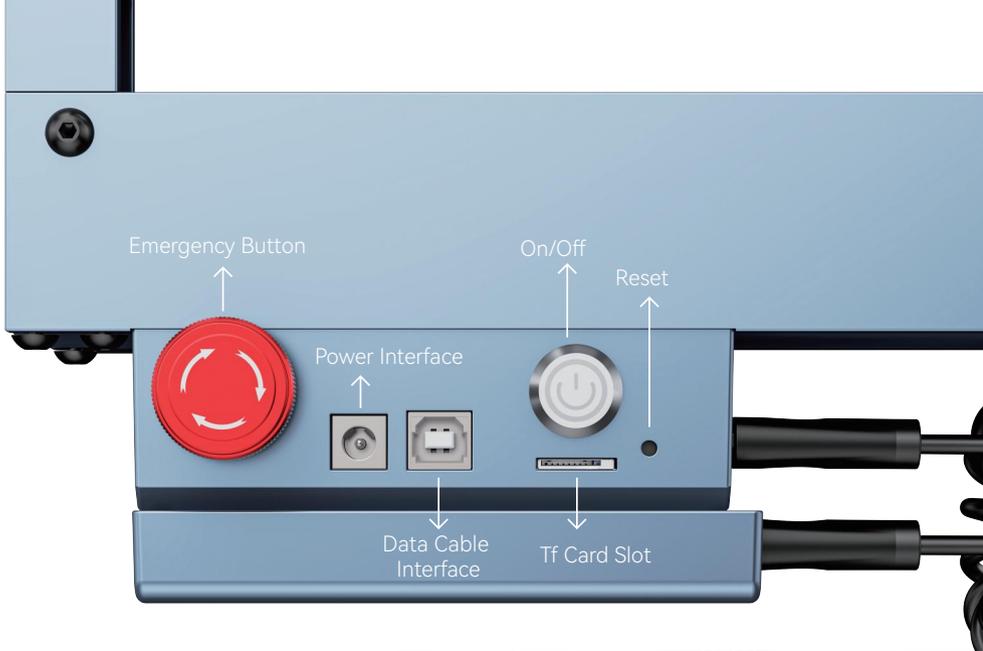
Scan the QG code to find the installation tutorial video.



**Mission Completed  
Congratulations!**



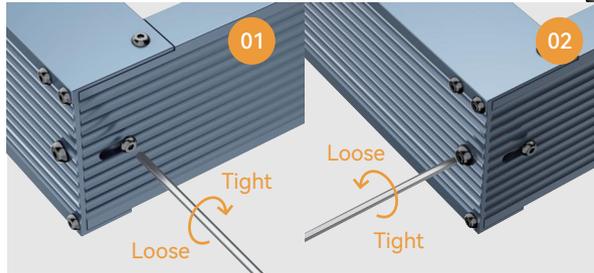
Scan the QG code to find the installation tutorial video.



## Adjust The Belt Tension

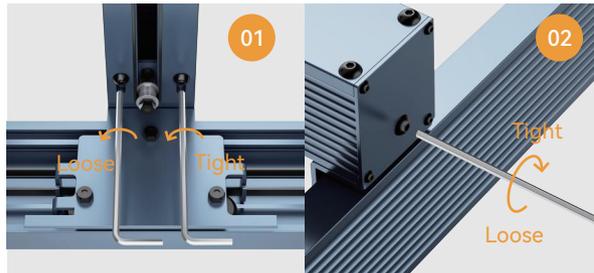
### Y axis:

1. Loosen the fixing nut on the side
2. Adjust the back tightening nut, and adjust the belt to the proper tightness
3. Tighten the side-fixing nut



### X-axis:

1. Loosen the fixing nut on the side
2. Adjust the back tightening nut, and adjust the belt to the proper tightness
3. Tighten the side-fixing nut



Scan the QG code to find the installation tutorial video.



## How To Focus

1. Release the laser module and turn the focus setting lever down
2. Move the laser module until the focus setting lever reaches to the engraving material
3. Lock the laser module
4. Turn up the focus setting lever

## Engraving Software



**LIGHTBURN**

<https://lightburnsoftware.com/>



**Laser GRBL**

<https://lasergbl.com/>



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## After-sales and Warranty Policy:

- 1.** All ATEZR laser engravers are warrantied to the original purchaser only, when purchased through an authorized seller of ATEZR products for a period of one (1) years from the date of purchase, to be free of manufacturer defect or failure. (Note: ATEZR will require the proof of purchase and the date of purchase upon the claim.) Lifetime technical support will be added to after-sale services.
- 2.** ATEZR laser engraving machine can update an extended warranty period. Please contact to ATEZR customer service department for more detailed information.
- 3.** The ATEZR warranty is limited to defects, malfunctions, or failure to function properly, based on the manufacturer's defect. Any cause of improper use, lack of maintenance, inappropriate use caused the damage to personal items, incorrect or insufficient power to the equipment, and similar failures not related to manufacturer's defects will not be covered.
- 4.** ATEZR will not be responsible for the failure of the product, or the loss caused by the operation or use of the product.
- 5.** In addition, the warranty will cover the repair or replacement of related equipment with new or refurbished equipment during the warranty period, or in some cases replacement of parts of the same model, at ATEZR's sole discretion. As part of the ATEZR warranty, if separate parts are required to replace, ATEZR will directly provide the new separate part to the customer instead of replacing the entire machine. Such conditions may include but are not limited to belts, rollers, motors, or any other items that ATEZR deems more suitable to be supplied separately.
- 6.** If you need after-sales service, please find the specifically authorized dealer for the product you purchased. If authorized the dealer does not respond to your problem, please contact the ATEZR official to file a complaint and obtain the warranty rights. ATEZR customer service department: [service@atezr.com](mailto:service@atezr.com)

The terms and conditions of the ATEZR warranty are subject to change without notice. Be sure to check the terms of the ATEZR warranty prior to your purchase.



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## 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 interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications 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 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.



**ATEZR**

The logo features the word "ATEZR" in a bold, italicized, sans-serif font. The letters are contained within a horizontal rectangular frame with rounded corners. The top line of the frame is a solid black bar that extends slightly beyond the right edge of the text and curves upwards. A small, multi-pointed starburst graphic is positioned below the letter "E".