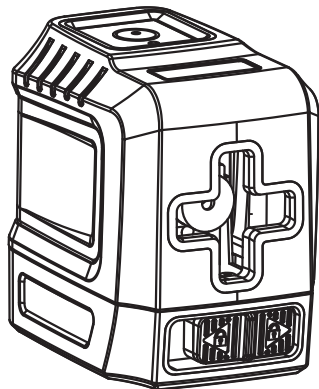


# LASER LEVEL

Manual in English

03041907



CUSTOMER SERVICE: [service@tavool.com](mailto:service@tavool.com)  
Any problem, question or concern, please feel free to contact us via email, we always stand behind our products to offer proper solutions and won't let you suffer any loss.

## WELCOME

Thanks for choosing TAVOOL laser level to help your jobs. This user manual will provide you with valuable information necessary for the proper care and maintenance of your new laser tool.

PLEASE READ ALL OF THE INSTRUCTIONS

BEFORE USING THE LINE LASER

- SAFETY
- SPECIFICATIONS
- PRODUCT DETAILS
- OPERATING
- COMMON QUESTIONS AND ANSWERS
- MAINTENANCE
- WARRANTY

## SAFETY

• Read the Safety Instructions and Manual thoroughly before using this product.

All users must fully understand and adhere to these instructions.

• While the product is in operation, be careful not to expose your eyes to the emitting laser beam . Exposure to a laser beam for an extended time may be hazardous to your eyes.

• Do not stare directly into the beam or view directly with optical instruments or set up the laser at eye level.

• Do not disassemble the laser tool. There are no user serviceable parts inside.

• Do not modify the laser in any way. Modifying the tool may result in hazardous Laser Radiation Exposure.

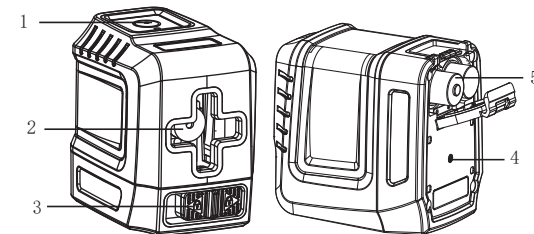
• Do not operate the laser around children or allow children to operate the laser.

• An exposure to the beam of a Class 2 laser is considered safe for a maximum of 0.25 seconds. Eyelid reflexes will normally provide adequate protection.

## SPECIFICATION

Laser Class	Class II
Laser Wavelength	505~550nm for Green beam
Leveling Accuracy	±3mm/10m
Leveling/Compensation Range	4°±1°
Working Distance (Line)	30m for Green beam
Operating Time	First gear: 7 Hours for Green beam  Second gear: 10 Hours for Red beam  Third gear: 13 Hours for Green beam  Forth gear: 16 Hours for Green beam
Power Source	2×"AA"
IP Rating	IP54
Operation Temperature Range	-10℃- +50℃
Storage Temperature Range	-25℃ - +70℃

## PRODUCT OVERVIEW



1. Key board and indication light	2. Laser window
3. Lock switch	4. 1/4" mounting thread
5. Battery compartment ( Please match the "+" "-"pole of battery to the "+" "-"icon on the battery cover)	

## OPERATING

Before insert two pieces of AA batteries correctly, Please make sure Lock Switch at '🔒' position.

And please keep the Lock Switch at '🔒' position during moving the laser level or storage it.

It is very important!

1, Auto Self-leveling Mode:

Turn Lock Switch at '🔒' position, vertical and horizontal laser

beams both light up, and the machine will be self-leveling. Key indication light is green.( If key indication light is red, and lines flash, it indicates the lines is not level, please put laser level on much flatter place, because the self-leveling rang is about 4°)

Turn Lock Switch at '🔒' position, laser level stop working.

#### 2, Locked Mode:

When Lock Switch at '🔒' position, long-press key button, vertical and horizontal laser beams both light up and flash every 5 seconds , the indication light is red.

Note: In this mode, the horizontal laser beam is fixed,and you can get any angle of cross lines

Long time press key button, switch it off.

#### 3, Power saving mode

When the tool is working, short-press key button, this tool enters the energy-saving mode:

1. The first press, the brightness reduces to 80% of the maximum brightness;
2. The second press, reduces to 65%;
3. The third press, reduces to 50%;
4. The fourth press, returns to the maximum brightness

## COMMON QUESTIONS AND ANSWERS

1. How to make it self-leveling? I failed even it is at '🔒' position  
Answers: The range of its auto self-leveling is  $\pm 4^\circ$ . When the tool inclines more than  $4^\circ$ , the laser line will flash. Then please put laser level on much flatter place

2. I can't turn this tool off, what should I do?

Answers: It is different to turn it off in 2 modes.

If you use the auto self-leveling mode and the lock switch is at '🔒' position, Please turn lock switch at '🔒' position and it will stop working

If you use the locked mode and the lock switch is at '🔒'. Please press key button for long time and it will stop working.

3.Can I put this tool on a tall tripod when I want to install the cabinet?

Answer: Yes,this tool could be used on a tripod to get the height that you want, and it also has a 1/4" mounting thread for you to install the stand(include in the package)

4.Is Green Laser light safer than red?

Answer: No matter the color, a laser beam should never be looked at directly. A glancing view will not damage just do not look at any period of time. And the GREEN laser light is more visible than the red.

5.What I should do when I have some problems about the laser level? Or there are something lost in the package?

Answer: Contact us directly. Any questions or problems, please feel free to contact us via email: [service@tavool.com](mailto:service@tavool.com). We offer 2 year warranty and will provide you the best solution according to your exact issue. WE NEVER LET OUR CUSTOMER SUFFER ANY LOSS!

## MAINTENANCE

- The laser tool is sealed and calibrated at the plant to the accuracy specified.
- It's recommended to carry out a accuracy check before its first use and periodic checks during future use especially for precise layouts.
- Do not short any battery terminals or charge alkaline batteries or dispose of batteries in fire.
- Do not mix old and new batteries. Replace all of them at the same time with new batteries of the same brand and type.
- Keep batteries out of reach of children.
- Remove batteries if the tool will not be used for several months.
- Do not store the laser tool in direct sunlight or expose it to high temperatures.

The housing and some internal parts are made of plastics and may become deformed at high temperatures.

- Exterior plastic parts may be cleaned with a damp cloth. Although these parts are solvent resistant, NEVER use solvents. Use a soft, dry cloth to remove moisture from the tool before storage.
- Do not dispose of this product with household waste.
- Always dispose of batteries per local code.

## WARRANTY

We are confident of the quality of our products and offer outstanding guarantee for professional users of the products. This statement is in addition to and in no way prejudices your contractual rights as a professional user or your statutory rights as a private non-professional user. We warrant our laser level(s) against faults in materials and workmanship for one year from date of purchase provided that:

- Proof of purchase is produced.
- Service/repairs have not been attempted by unauthorized persons;
- The product has been subject to fair wear and tear;
- The product has not been misused;

Defective products will be repaired or replaced, free of charge or at our discretion,if sent together with proof of purchase to our authorized distributor(s).

This Warranty does not cover faults caused by accidental damage, unfair wear and tear, and use other than in accordance with the manufacturers' instructions or repair or alteration of this product not authorized by us.

Repair or replacement under this Warranty does not affect the expiry date of the Warranty.

To the extent permitted by law, we shall not be liable under this Warranty for indirect or consequential loss resulting from faults in this product. This Warranty may not be varied without our authorization. Calibration and care are not covered by warranty.