

# T97 Laser level

Manual in English



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Congratulations!

You have chosen one of our laser level that's guaranteed reliable and tough for professional tool users at various job sites.

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## 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 (red light source). 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	±1.5mm/5m
Leveling/Compensation Range	4°±1°
Working Distance (Line)	30m for Green beam
Operating Time	First gear: about 6 Hours Second gear: about 9 Hours Third gear: about 15 Hours Forth gear: about 30 Hours
Power Source	3.7V 4000mAh lithium battery
IP Rating	IP54
Operation Temperature Range	-10℃~+50℃
Storage Temperature Range	-25℃~+70℃

## PRODUCT OVERVIEW







- ①360 °horizontal beam
- ②360 °vertical beam
- ③Lock the key
- ④Function button
- ⑤Type-c charging port
- ⑥1/4" mounting threaded hole
- ⑦ Power indicator
- ⑧ Battery indicator

## OPERATING





Keep the lock switch at '  ' position during moving the laser level or storage it.

  It is very important!


When the lock switch slides to the '  ' position, the machine unlocks and lights up all laser lines (1 horizontal laser line and 2 vertical laser lines):

- 1)  button: Control the vertical laser lines at the front and side of the instrument.
- 2)  button: Control the horizontal laser line of the instrument.
- 3)  button: When the machine is on, short press the power button to switch the light brightness, and long press to open the pulse mode.
- 4) Power indicator light: two-color light, green light when unlocked and turned on, red light when out of range alarm, green light flashing when pulsed, red light when forced on.

### 1. Self-leveling mode

When the lock switch slides to the '  ' position, the machine is unlocked and all laser lines are lit, the machine will automatically level and the indicator light will be green. (If the indicator is red and the laser blinks frequently, it means that the light is uneven, please place the laser level on a flatter place, because the automatic leveling range is about 4°)  
At this time, according to the actual demand, three laser lines can be controlled by the  or  key.  
Set the lock switch to the '  ' position and turn off the laser level.



### 2. Locked mode:

When the lock switch is set to '  ' , press the power key for a long time, all the laser lines are on, flashing every 5 seconds, and the indicator light is red.


In this case, you can tilt the level at will.

Press the power button for a long time and turn off the laser level meter.

### 3. Energy saving mode:

When the lock switch is set to '  ', short press the  power button, the light brightness can be adjusted, the brightness is divided into 4 grades, press the key cycle.

### 4. Pulse mode:

In the self-leveling mode, Long press the  power key for a long time to enter the pulse mode, the indicator light will keep flashing, and the energy saving mode is not valid in this mode.



Note: the power indicator is 4 green LED lights, the less the indicator light is, the smaller the power is. When a LED light flashes, it means the battery is weak and should be recharged in time.

## MAINTENANCE

- This laser instrument has been strictly calibrated and packaged in the factory according to various precision indicators.

It is recommended to check the accuracy before the first use, and to periodically check the accuracy in the future, especially in high-precision working environments.

- Do not store laser tools in direct sunlight or expose them to high temperatures. The housing and some internal parts are made of plastic and can deform under high temperatures.
- Clean the external plastic parts with a damp cloth. Even if these parts have some solubility, solvents should never be used. Use a soft dry cloth to remove moisture before storing.
- Do not dispose of this product with household waste.

## WARRANTY

1. We provide one year warranty on the Laser Distance Meter from the date of purchase.
2. The warranty card must be provided when the instrument is under warranty, and the invoice shall be provided.
3. Please contact your local dealer for repair or replacement Disclaimer.  
The following conditions without warranty :
  - I Unauthorized disassemble of instruments.
  - II Wrong operating or man-made damage to the instrument.
  - III Did not use the original accessories and cause damage.
  - IV Give the instrument to unauthorized person or unit for repair.
  - V Product serial number was deleted.

#### FCC Caution.

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.

Any 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.

#### \*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.