

说明书要求：

所属公司 (Affiliates)	常州诺米电子科技有限公司	文件编码 (File NO.)	5.07.003.0698
文件名称 (File name)	T84英文中性说明书(无温控)	文件尺寸 (File size)	80×105mm
修改日期 (File update date)	2024-4-19	文件纸张 (File paper)	铜版纸
文件色号 (File color)	黑白印刷	纸张厚度 (File paper thickness)	105g
文件覆膜 (File film)	不覆膜	纸张颜色 (File paper)	白色
文件页码 (File page)	共9页	装订方式 (Binding way)	折页
其余备注 (Remaining notes)	默认尺寸公差±2mm（对比电子文件）		

# 2D LASER LEVEL

Manual in English



Version: 20211209

## Contents

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 (green 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 11 Hours Second gear: about 14 Hours Third gear: about 23 Hours Fourth gear: about 42 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 of 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 1 vertical laser lines):

- 1) (V1) button: controls the vertical laser line at the front of the instrument.
- 2) (H1) button: controls the horizontal laser line of the instrument.
- 3) Red power key: when the lock switch slides to the ‘’ state, long press the power key to control the power on / off of the instrument, and short press the power key to switch the light brightness.
- 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 unlocks and lights up all the laser lines, the machine will automatically level out and the indicator light is green.  
(if the indicator light is red and the laser flashes frequently, indicating that the light is not horizontal, place the laser horizontally in a flatter place, as the automatic leveling

range is about 4 °.).

At this time, according to the actual demand, two laser lines can be controlled by blue (V1) key, green (H1) key .

Put the lock switch in the ‘’ position and turn off the laser level meter.

### 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:

In self-leveling mode and locked mode, 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, 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 there is only one LED light flashes, it means the battery is weak and should be recharged in time.

## 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 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.

## WARRANTY

1. We provide one year warranty on the Laser level 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

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.