

展开尺寸：560x285mm,折后尺寸：70x142.5mm,  
材质：105g 铜版纸，正反面四色印刷

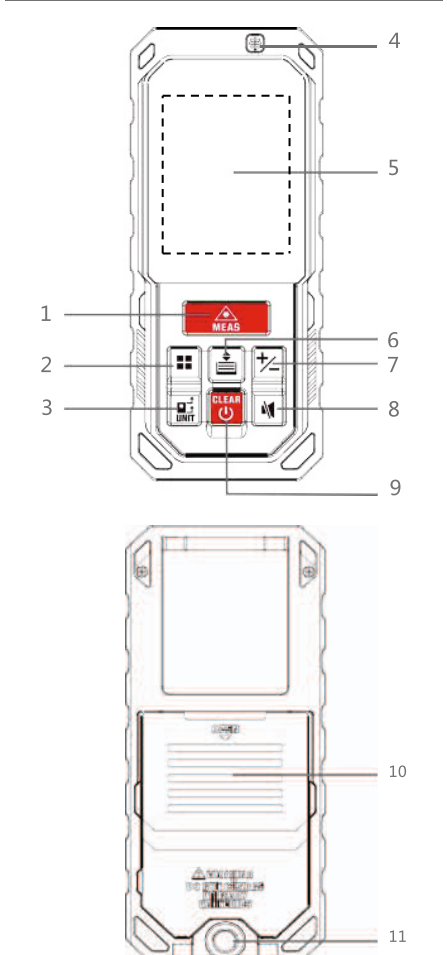
正面

Laser Distance Meter  
102050 Quick Start

Product Overview

Thank you for using our handheld laser distance meter. Please read the instruction carefully before operation. This is a handheld laser distance meter with super high ingress protection. Thanks to creative skeleton design, robust housing, compact inner structure, this laser distance meter offers the amazing features of IP65 waterproof, drop-resistance and super long lifespan. With 2-inch HD white-on-black display, which is easier for users to read at any time of the day or night. This laser distance meter has been approved by international authorized lab that water and dust proof could reach IP65. Following cutting-edge technology, this laser distance meter adopts the latest Type-C USB charging interface and uses rechargeable Ni-MH batteries, which is more environment-friendly and has longer life. What's more, it has integrated electronic tilt sensor, making it easier to achieve horizontal alignment with the real-time measuring angle. This laser distance meter also offers comprehensive measuring functions of Area, Volume, Pythagoras, Auto Level, Auto Height, etc., which can meet the measurement needs of most people and provide high-quality measurement experience for your try.

Appearance



1. Measure Button
2. Menu Button
3. Laser on
4. Laser off
5. Reference (Front)
6. Reference (Rear)
7. Measuring mode indication
8. Angle indicator
9. Historical values
10. Value 1
11. Value 2 / Min value
12. Value 3 / Max value
13. Summary line / Latest value / Calculation result

3. Measuring Reference/Unit Button

The Rear is the default Reference. Short press to change the Reference (Front/Tripod/Rear). Long press to change the measuring units (m/ft/in/ft-in).

4. Laser Emitter Indication

Mode selection display

5. Display Screen

Press to recall memory values.

6. Memory Button

Press to recall memory values.

7. Add (+)/Subtract (-) Button

Under the mode of Distance, Area and Volume measurement, short press to add values, long press to subtract.

8. Mute Button

Press to De/activate the BEEP.

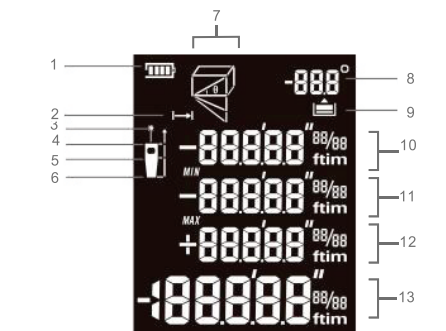
9. ON/OFF/Clear/Return Button

Long press to switch ON/OFF, short press to clear the previous operations or return to main menu.

10. Battery Compartment

11. Tripod Screw Hole

Display Screen



1. Battery status
2. Distance/Continuous measurement
3. Laser on
4. Reference (Front)
5. Reference (Tripod)
6. Reference (Rear)
7. Measuring mode indication
8. Angle indicator
9. Historical values
10. Value 1
11. Value 2 / Min value
12. Value 3 / Max value
13. Summary line / Latest value / Calculation result

Safety Instruction

The safety instructions should be read through carefully before the product is used for the first time.

Warning

- The device is categorized into Class 2 laser product. DO NOT stare at laser directly or shoot at others or it will cause damage to eyes.
  - The product is in accordance with strict standards and regulations through the development and manufacturing, but still can't entirely exclude the possibility of interference to other devices, may cause discomfort to human and animals.
- Please DO NOT use this product under explosive or corrosive environment.
  - Please DO NOT use this product near medical devices.

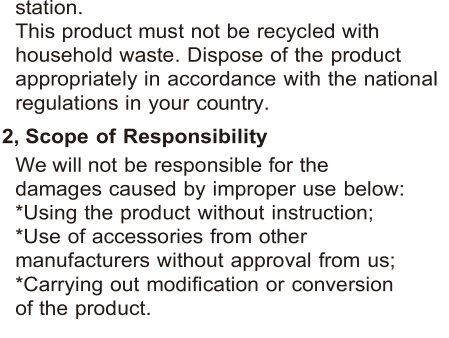
2. Scope of Responsibility

We will not be responsible for the damages caused by improper use below:
 

- \*Using the product without instruction;
- \*Use of accessories from other manufacturers without approval from us;
- \*Carrying out modification or conversion of the product.

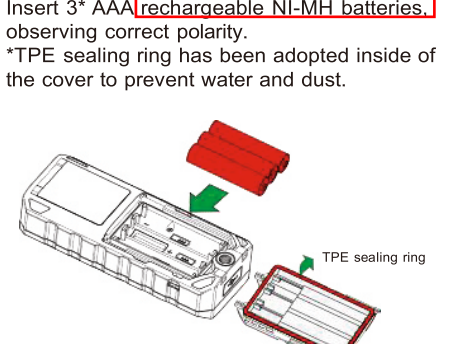
Battery Installation and Instructions

Press and slide the cover toward the rear of the body to open the battery door.

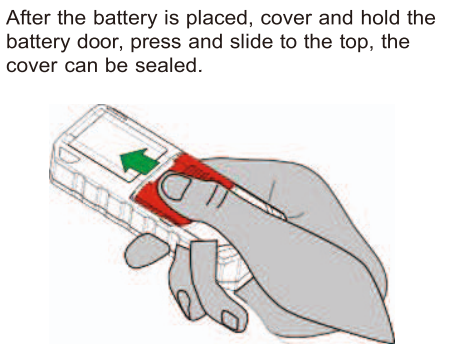


Warning

Insert 3 \* AAA rechargeable Ni-MH batteries, observing correct polarity. TPE sealing ring has been adopted inside of the cover to prevent water and dust.



After the battery is placed, cover and hold the battery door, press and slide to the top, the cover can be sealed.



Warning

The product uses rechargeable Ni-MH batteries. Please use provided USB cable while charging. The computer can also be used to charge, but this takes more time.

While charging, the device may heat up, this is normal, and will not affect the product performance and lifetime.

Please unplug the charger and take off the batteries when not in use.

Specification

Specification	
Measuring Range	0.2-90m
Measuring Accuracy	±(2.0mm+5x10 <sup>-6</sup> D)
Single Distance Measurement	✓
Continuous Measurement	✓
Area Measurement	✓
Volume Measurement	✓
Pythagoras (2-point)	✓
Pythagoras (3-point)	✓
Pythagoras (3-point)	✓
Auto Level	✓
Auto Height	✓
Add/Subtract	✓
Tilt Sensor	✓
Tilt Measurement Accuracy	±0.3°
Memory	20 Values
Measuring Reference	Front/Tripod/Rear
Measuring Units	m/ft/in/ft-in
Auto Power Switch-off	After 180s
Screen Display	2-inch white-on-black
Protection Class	IP65
Laser Class	Class 2
Laser Type	630-670nm, < 1mW
Battery Type	3xAAA battery powered (not included)
Operating Temperature	0°C ~ +40°C (32°F ~ +104°F)
Dimension	115*49*26mm

1. Measuring Range

The Maximum range shall be different according to different models. The actual range refers to the package. 2. Measuring Accuracy ("D" stands for measured distance) If measuring under favorable conditions, such as smooth surface, proper temperature and indoor lighting, the device is able to work within certain range as declared. Maximum deviation occurs under unfavorable conditions such as bright sunlight or when measuring to poorly reflecting or very rough surfaces.

Tip: in case of bright sunlight and bad reflection of the object, please use the target plate or reflector.

Operation Instruction

The Single distance measurement prompt when it is switched ON, press [ON] to select measuring mode, and the flashing line reminds user to get the newest result.

Single Distance Measurement

The device will come to Single distance measurement [ON] when it is switched ON. Press [ON] after aiming at target to get result in summary line.

Continuous Measurement

Long press [ON] to activate Continuous measurement [ON], sweeping slowly the laser back and forth and up and down over the desired target point from a fixed measuring point, then press [ON] stop, the value for Maximum and Minimum distances are displayed in the screen as well as the last measured value marked in the summary line. You can choose Max or Min value according to your needs.

Area Measurement

Press [ON] to select Area measurement mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line (Length), press [ON] again for 2nd line (Width), the Area is calculated and displayed in the summary line.

Volume Measurement

Press [ON] to select Volume measurement mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line (Length), press [ON] again for 2nd line (Width), press third time for 3rd line (Height), the Volume is calculated and displayed in the summary line.

Pythagoras (2-point)

Refer to figure ①. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st laser point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, the result is displayed in the summary line.

Pythagoras (3-point)

Refer to figure ②. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Level Measurement

Refer to figure ③. Press [ON] to select Auto Level mode [ON]. According to reminding of the flashing line, press [ON] to get the distance of hypotenuse, vertical and horizontal lines, the result is displayed in line accordingly.

Auto Height Measurement

Refer to figure ④. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑤. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑥. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑦. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑧. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑨. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑩. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑪. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑫. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑬. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑭. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑮. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑯. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑰. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑱. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑲. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑳. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉑. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ㉒. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉓. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ㉔. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉕. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ㉖. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉗. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ㉘. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉙. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ㉚. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉛. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ㉜. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ㉝. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Pythagoras (3-point)

Refer to figure ①. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st laser point, press [ON] to get the distance of 1st line, move to the 2nd target point from fixed measuring point, press [ON] again to get the distance of 2nd line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 3rd line, the result is displayed in the summary line.

Auto Level Measurement

Refer to figure ②. Press [ON] to select Auto Level mode [ON]. According to reminding of the flashing line, press [ON] to get the distance of hypotenuse, vertical and horizontal lines, the result is displayed in line accordingly.

Auto Height Measurement

Refer to figure ③. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ④. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑤. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑥. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑦. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑧. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑨. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑩. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑪. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑫. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement

Refer to figure ⑬. Press [ON] to select Auto Height mode [ON]. According to reminding of the flashing line, press [ON] to get the distance for 1st line, press [ON] again for 2nd line, then you can get vertical height displayed in summary line.

Pythagoras (3-point)

Refer to figure ⑭. Press [ON] to select Pythagoras mode [ON]. According to reminding of the flashing line, aiming at 1st target point, press [ON] to get the distance of 1st line, change to the horizontal direction of the object from the fixed measuring point, press [ON] again to get the distance of 2nd line, move to the 2nd target point, press [ON] to get the distance of 3rd line, the result is displayed in the summary line.

Auto Height Measurement