

Wall and floor mounts

LASERlevel

Product Operation Manual



**PROFESSIONAL SURVEYING
AND MAPPING LEVEL**

PROFESSIONAL

Please carefully read the enclosed instruction manual before installing, operating and adjusting the machine.

EXQUISITE · DELICATE · ACCURATE

1. FEATURES

The 4D laser level meter can emit the visible laser horizontal and vertical lines of the automatic leveling separately or simultaneously. Provides accurate horizontal and vertical datums for indoor construction stakeout and calibration, easy to operate, and versatile.

Features:

- Output 4 360° line lasers
- Form 10 cross laser cross lines (16 lines)
- Can be attached to the floor tiles, wall stickers, and ceilings, all 7mm pitch
- Both indoor and outdoor, continuous laser or pulsed laser
- $\leq 3^\circ$, automatic leveling. $> 3^\circ$, buzzer alarm.
- IP54 waterproof and dustproof

A well-designed accessory bracket expands the use of the instrument

2. TECHNICAL SPECIFICATIONS

Technical Parameters	LD blue green light 12 line	LD blue green light 16 line
Laser diode	520/505nm	520/505nm
Precision	$\pm 1\text{mm}/7\text{m}$	$\pm 1\text{mm}/7\text{m}$
Operating temperature	$-20^\circ\text{C} \sim +40^\circ\text{C}$	$-20^\circ\text{C} \sim +40^\circ\text{C}$
Working distance	25m	25m
Automatic leveling angle	$\pm 3^\circ$	$\pm 3^\circ$
Power supply (lithium battery)	Large capacity lithium battery	Large capacity lithium battery
operating hours	4-8H	4-8H

3. USER SECURITY

- The laser output marker is located at the output hole
- Do not look directly at the laser light
- Do not disassemble the instrument and perform internal repairs.
Only general authorized service centers can perform repairs.
- This instrument meets the laser radiation safety rating standard

4 Instrument characteristics

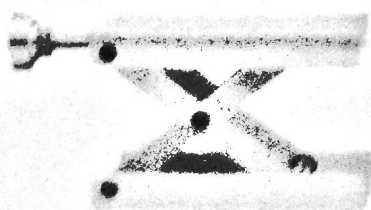
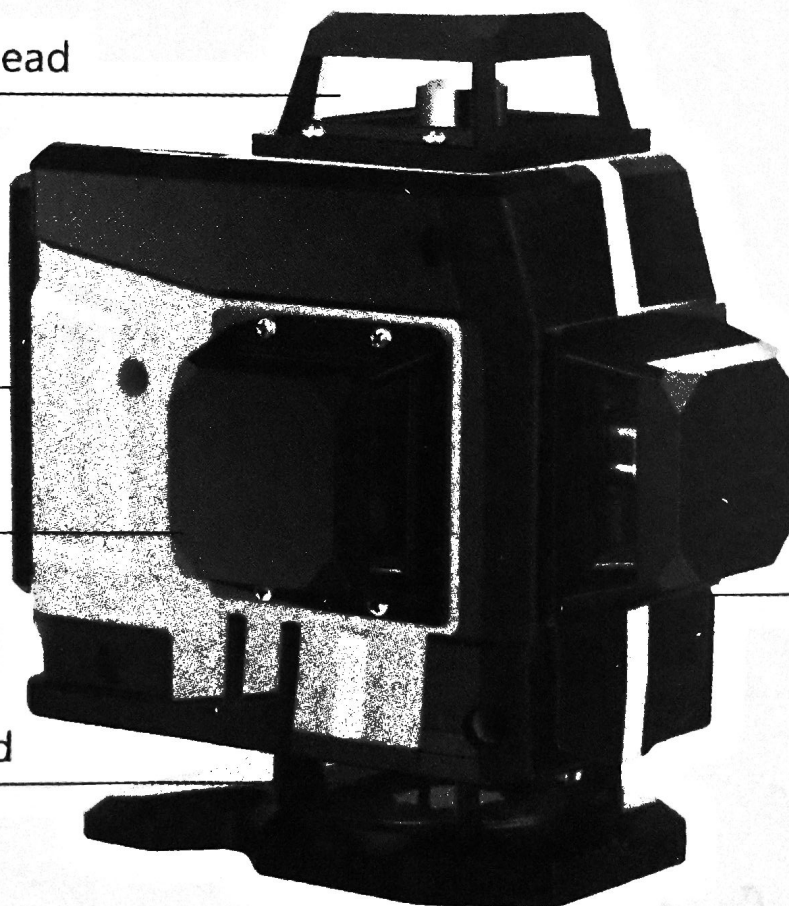
Horizontal laser head

Large capacity battery

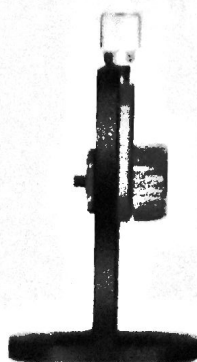
Vertical laser head

Switch

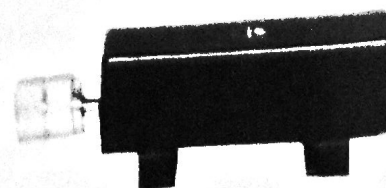
Horizontal laser head



Lifting platform



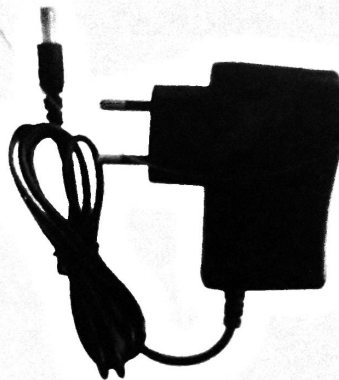
Wall bracket



Fixed machine module

1. Use the charger

Plug the charger into the charging jack to charge the rechargeable battery and charge it. The indicator light in the process is red, and the indicator changes from red to green when the battery is fully charged.



Note: a) Wait until the battery is exhausted (the instrument power indicator flashes to indicate the battery level)
Already used up) Charging the battery later can extend the life of the battery;
b) The rechargeable battery should be charged once every 2~3 months from the date of shipment.

2. Placement of the instrument

- a) can be placed directly on the horizontal platform (if the laser line flashes with a buzzer The device has exceeded the Anping range and should be adjusted to level it off)
- b) The thread on the bottom of the universal instrument is connected to the tripod
- c) Easily tap the wall through the upper wall bracket
- d) Adjust the high and low horizontal lines through the lifting platform

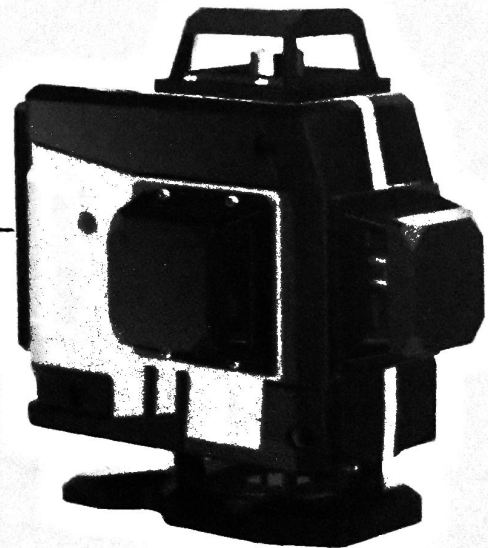
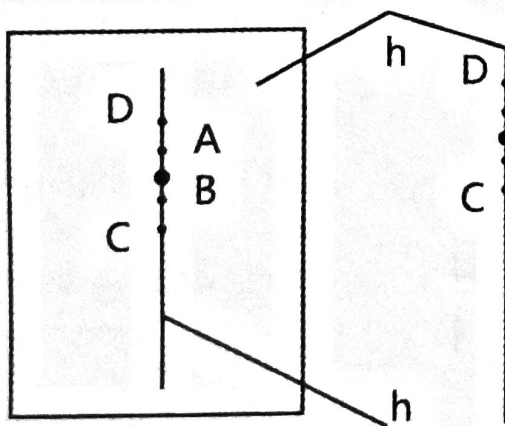
3. Power on/off

The lock is turned on, the instrument is turned on, and the power indicator is on.
The lock is closed, the instrument is turned off, and the power indicator is off.

6. SELF-TEST CALIBRATION

1. Horizontal accuracy self-test

- (1) Find a flat wall, set a platform 5 meters away from the wall, place the instrument on the platform, and then rotate the V2 glass seat to the wall.
- (2) After the instrument is leveled, mark A on the intersection of the horizontal line and the vertical line, and make a vertical line along A.
- (3) Turn the instrument to 90 degrees in turn. After the instrument is leveled, align the cross points with the vertical lines and mark them as points B, C, and D.
- (4) Measure the distance between the two points with the largest distance among the four points A, B, C, and D.



7. MAINTENANCE

1. Do not disassemble the instrument at will. If you have any questions, please contact our marketing department.
2. Do not drop, knock or vibrate the instrument to avoid affecting the accuracy and function of the instrument.
3. If you want to store the instrument for a long time, remove the battery from the instrument.
4. Please charge at the specified time. Overcharging will shorten the battery life.
5. Please use a soft cloth and a neutral detergent to clean the surface of the instrument. The cleaned instrument should be thoroughly dried.
6. The instrument should be stored in a dry, dust-free place.