Cross Line Laser Level

User Manual





In the Box



1 x cross line laser level



1 x magnetic pivoting base



2 x 1.5 V AA batteries



1 x carrying bag

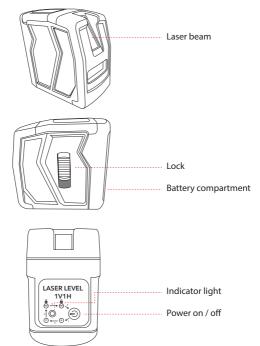
Warning



Do not stare directly at the laser beam for any length of time, it can damage your eyes.

- 1. Children should never be left unattended with the laser level.
- Do not open up the laser level or remove any of the internal components.
- 3. Do not aim the laser beam at people or animals.
- 4. Use only for measuring purposes.
- 5. Do not remove warning labels or safety instructions.
- 6. Do not use in an explosive environment.
- 7. Never drop or knock over.
- 8. Make sure to clean and store safely after use.
- Remove the battery if you're not going to use the device for a long time.

Introduction to Parts

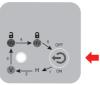


How to Use

- 1. Insert two AA batteries into the battery compartment.
- 2. Set the laser level on the floor or tripod.

Note: If you use a tripod, place the bottom part of the laser level on the tripod and twist the screw of the tripod into the center hole.

- Press the lock downward to unlock the laser level (except in tilt mode).
- To turn on / off, press the Power button on the top of the laser level.



Press the Power button to adjust the laser mode.

Press button	Light	Laser mode
Once	•	Power on / single horizontal line
Twice	•	Single vertical line
Three times	•	Cross lines
Four times	•	Cross lines / tilt mode
Five times	0	Power off

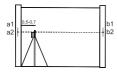
Turn it off after use and lock the laser level by pressing the lock upward.

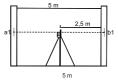
Cleaning Guidelines

- Clean after each use. Clean with a soft cloth only, use a damp cloth if necessary.
- 2. Carry the device in the original case, and unlock after use.

Checking the Accuracy (tilt of plane relative to horizon)

- 1. Set the laser level between two walls that are about 16 ft apart.
- 2. Turn on the laser level and mark the crosspoint on the wall.
- Turn the laser level 180 degrees and mark a point on the opposite wall. Put the point at the cross point of the vertical and horizontal planes.
- 4. Move the laser level to one of the walls at a distance of 2 2.3 ft (0.6 0.7 m) and make the same marks as described above.
- 5. Measure the difference between [A1 A2] and [B1 B2]. If it is less than 1 in (2 mm), there is no need for calibration.





For example: When you check the accuracy of a laser level the difference is A1 - A2 = 0.2 in (5 mm) and B1 - B2 = 0.3 in (7 mm).

Calculating the error:

[B1 - B2] - [A1 - A2] = value of error

Note: If your laser level is out of calibration, send an email to contact@wasserstein-home.com for further information.

Checking the Straightness of Horizontal Beam

- 1. Set the laser level about 16 ft away from the wall.
- 2. Mark the point where the horizontal and vertical lines cross.
- Keeping the laser level in the same location, turn it about 8.2 ft to the right.
- Look at the left "tail" of the horizontal line. If the beam is located relative to the point within the error range, then the setting is correct.
- Then, keeping the laser level in the same location, turn it about 8.2 ft to the left and check the beam.

Troubleshooting

I don't see any lines after turning on the laser level. What's wrong?

- Make sure it is level before using. The laser level will not turn on if the deviation is greater than 4 degrees.
- Make sure to unlock the laser level. It will not turn on if it is locked (except in tilt mode).
- Make sure you are not aiming the laser level through glass or any other material that can obscure the laser.
- 4. Clean the laser window.
- Sudden temperature change. Please give a few minutes for the laser level components to adjust.
- 6. Inspect the laser level thoroughly as it may have been damaged.

Specifications:

Laser color: Red

Laser safety class: Class 2, (IEC 60825-1:2014), output power

< 1 mW

Self - leveling range: ±4°

Accuracy: ± 0.08 in per 32.8 ft

Laser wavelength: 630-650 nm

Operating range: 49.2 ft

Power source: 2 x 1.5 V AA batteries

Screw thread: 1/4 in

Operating temperature: 10 °F - 95 °F

Weight: 7.8 oz

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