



Wasserstein Cross Line Laser Level User Manual

[Home](#) » [WASSERSTEIN](#) » Wasserstein Cross Line Laser Level User Manual 

Contents

- [1 Wasserstein Cross Line Laser Level](#)
- [2 Product Usage Instructions](#)
- [3 In the Box](#)
- [4 Introduction to Parts](#)
- [5 How to Use](#)
- [6 Cleaning Guidelines](#)
- [7 Troubleshooting](#)
- [8 Specifications](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)



Wasserstein Cross Line Laser Level



Specifications

- Product: Cross Line Laser Level
- **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

Product Usage Instructions

Warning

For your safety and the safety of others, please adhere to the following warnings:

1. Do not stare directly at the laser beam for any length of time, as it can damage your eyes.
2. Children should never be left unattended with the laser level.
3. Do not open up the laser level or remove any of the internal components.
4. Do not aim the laser beam at people or animals.
5. Use only for measuring purposes.
6. Do not remove warning labels or safety instructions.
7. Do not use in an explosive environment.
8. Never drop or knock over the device.
9. Make sure to clean and store safely after use.

10. Remove the battery if you're not going to use the device for a long time.

Introduction to Parts

Laser Level Parts

- Laser beam
- Lock
- Battery compartment
- Indicator light
- Power on / off button

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.

1. Press the lock downward to unlock the laser level (except in tilt mode).
2. To turn on / off, press the Power button on the top of the laser level.
3. To adjust the laser mode, press the Power button as follows:

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

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

Cleaning Guidelines

1. Clean the laser level after each use with a soft cloth. Use a damp cloth if necessary.
2. Carry the device in the original case and unlock it 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.
3. 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.

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: $[B1 - B2] - [A1 - A2] = \text{value of error}$
- **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.
3. Keeping the laser level in the same location, turn it about 8.2 ft to the right.
4. 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.
5. Then, keeping the laser level in the same location, turn it about 8.2 ft to the left and check the beam.

FAQ

- **Q: How do I clean the laser level?**

A: Clean the laser level after each use with a soft cloth. Use a damp cloth if necessary.

- **Q: Can I use the laser level without a tripod?**

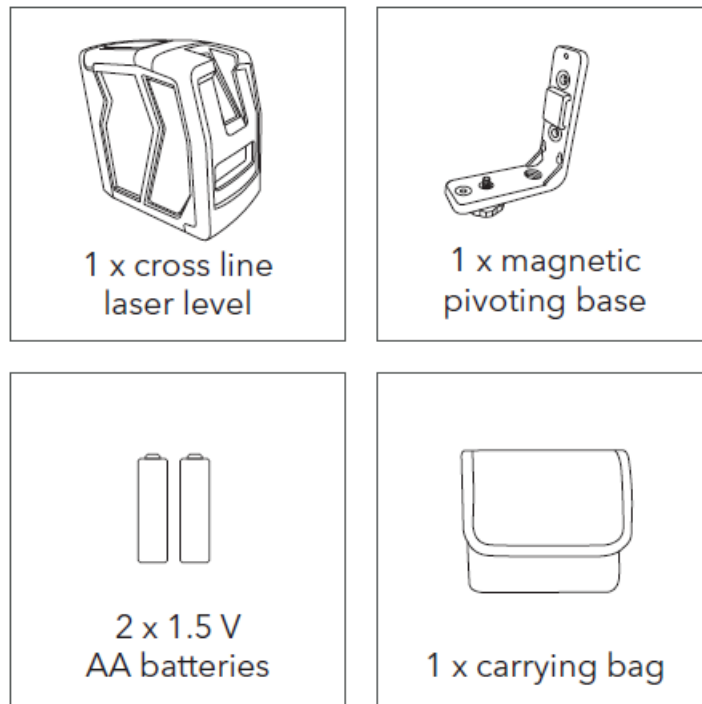
A: Yes, you can set the laser level directly on the floor.

- **Q: How do I adjust the laser mode?**

A: Press the Power button on the top of the laser level multiple times to cycle through the available modes.

Cross Line Laser Level

In the Box



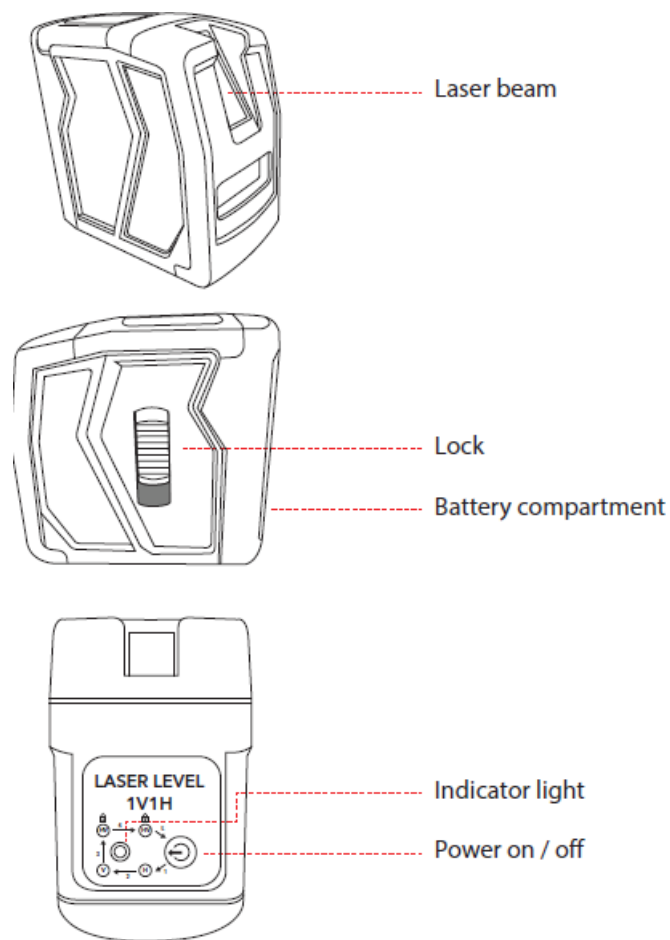
Warning

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.
2. 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.
9. Remove the battery if you're not going to use the device for a long time.

Introduction to Parts

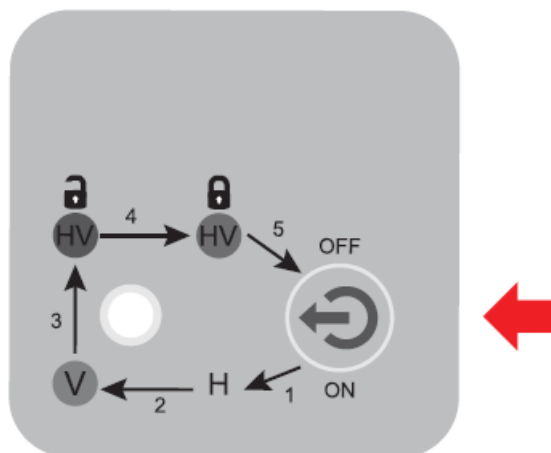


How to Use

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.

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



5. 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	○	Power off

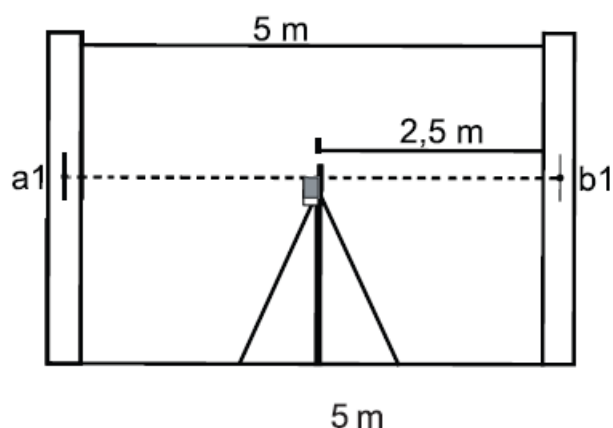
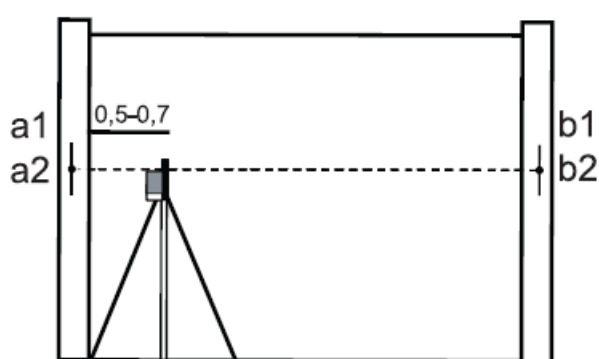
6. Turn it off after use and lock the laser level by pressing the lock upward.

Cleaning Guidelines

1. 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.
3. 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:

$[B1 - B2] - [A1 - A2] = \text{value of error}$

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.
3. Keeping the laser level in the same location, turn it about 8.2 ft to the right.
4. 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.
5. 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?

1. Make sure it is level before using. The laser level will not turn on if the deviation is greater than 4 degrees.
2. Make sure to unlock the laser level. It will not turn on if it is locked (except in tilt mode).
3. 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.
5. 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

Get More Support

Scan the QR code below or email us at contact@wasserstein-home.com




CONTACT US

www.wasserstein-home.com

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Documents / Resources

<p>Cross Line Laser Level User Manual</p>  <p>DARTWOOD</p>	<p>Wasserstein Cross Line Laser Level [pdf] User Manual Cross Line Laser Level, Cross, Line Laser Level, Laser Level, Level</p>
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References

- [Fairway Independent Mortgage Corporation](#)
- [Smart Home. Smart Living. â€” Wasserstein Home](#)
- [User Manual](#)