

[Manuals.plus](#) /

> [Enventor](#) /

> ENVENTOR Green Cross Line Laser Level EN011G Instruction Manual

Enventor EN011G

ENVENTOR Green Cross Line Laser Level EN011G Instruction Manual

Brand: Enventor | Model: EN011G

1. INTRODUCTION

Thank you for choosing the ENVENTOR Green Cross Line Laser Level EN011G. This device is designed to provide precise horizontal and vertical alignment for various indoor and outdoor construction and DIY projects. It features both self-leveling and manual modes, a highly visible green laser, and a durable, IP54-rated design. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. SAFETY INFORMATION

WARNING: This product emits a laser beam. Direct exposure to the laser beam can cause eye injury. Always follow these safety guidelines:

- Do not stare directly into the laser beam.
- Do not point the laser beam at people or animals.
- Avoid positioning the laser beam at eye level.
- Do not disassemble the laser level. Repairs should only be performed by authorized personnel.
- Keep the device out of reach of children.
- Use only the specified batteries.

The device is rated IP54 for protection against dust and splashing water. However, it is not designed for submersion.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x ENVENTOR Green Cross Line Laser Level EN011G
- 1 x 360° Magnetic Bracket
- 1 x Storage Bag

- 2 x AA Batteries
- 1 x User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your laser level.



Figure 4.1: Labeled components of the ENVENTOR Green Cross Line Laser Level, showing the On/Off Button, Lock/Unlock Switch, Laser Window, Battery Compartment, 1/4"-20 Tripod Thread, and Magnetic Bracket.



Figure 4.2: The laser level demonstrating its 1/4"-20 tripod thread compatibility and the 360° magnetic holder, which can also be nailed to a wall.

80mm
LENGTH

85mm
HEIGHT

288g
WEIGHT



ERGONOMIC, COMPACT AND LIGHTWEIGHT

Figure 4.3: The compact and lightweight design of the laser level, with dimensions of 80mm length, 85mm height, and 288g weight.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment on the side of the laser level (refer to Figure 4.1).
2. Open the battery compartment cover.
3. Insert the two AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5.2 Mounting the Device

The EN011G offers versatile mounting options:

- **Tripod Mounting:** The device features a 1/4"-20 tripod thread at its base. Attach it to any compatible tripod for stable positioning (tripod not included).
- **Magnetic Bracket:** Use the included 360° magnetic bracket to attach the laser level to metal surfaces. The bracket also has a keyhole slot for nailing it to non-magnetic surfaces (refer to Figure 4.2).

6. OPERATING MODES

The EN011G laser level features two primary operating modes: Self-Leveling Mode and Manual Mode.



Figure 6.1: Illustration of the Manual Mode (locked position, lines flash every 5s) and Self-Leveling Mode (unlocked position, self-levels within 3s if incline is $\leq 4^\circ$).

6.1 Self-Leveling Mode

This mode is ideal for applications requiring perfectly level or plumb lines.

1. Ensure the laser level is placed on a relatively flat surface or mounted securely.
2. Slide the Lock/Unlock Switch (refer to Figure 4.1) to the **unlocked** position.
3. Press the On/Off Button to power on the device.
4. The laser will automatically self-level within 3 seconds if the surface incline is within $4^\circ \pm 1^\circ$.
5. If the incline exceeds 4° , the laser lines will flash rapidly, indicating that the device is out of its self-leveling range. Adjust the position of the laser level until it is within range and the lines become steady.

6.2 Manual Mode

Use this mode when you need to project lines at custom angles, such as for stair railings or decorative patterns.

1. Slide the Lock/Unlock Switch (refer to Figure 4.1) to the **locked** position.
2. Press the On/Off Button to power on the device.
3. The laser lines will be projected and can be positioned at any desired angle. The lines will flash every 5 seconds to indicate that the device is in manual mode and not self-leveling.

7. OPERATION

7.1 Powering On/Off

- To turn on: Press the On/Off Button (refer to Figure 4.1).
- To turn off: Press the On/Off Button again.

7.2 Applications

The ENVENTOR Green Cross Line Laser Level is suitable for a wide range of tasks, including but not limited to:

- Tiling floors and walls.
- Hanging pictures, shelves, and cabinets.
- Installing windows and doors.
- Framing and general construction layout.
- Wallpapering and decorative projects.

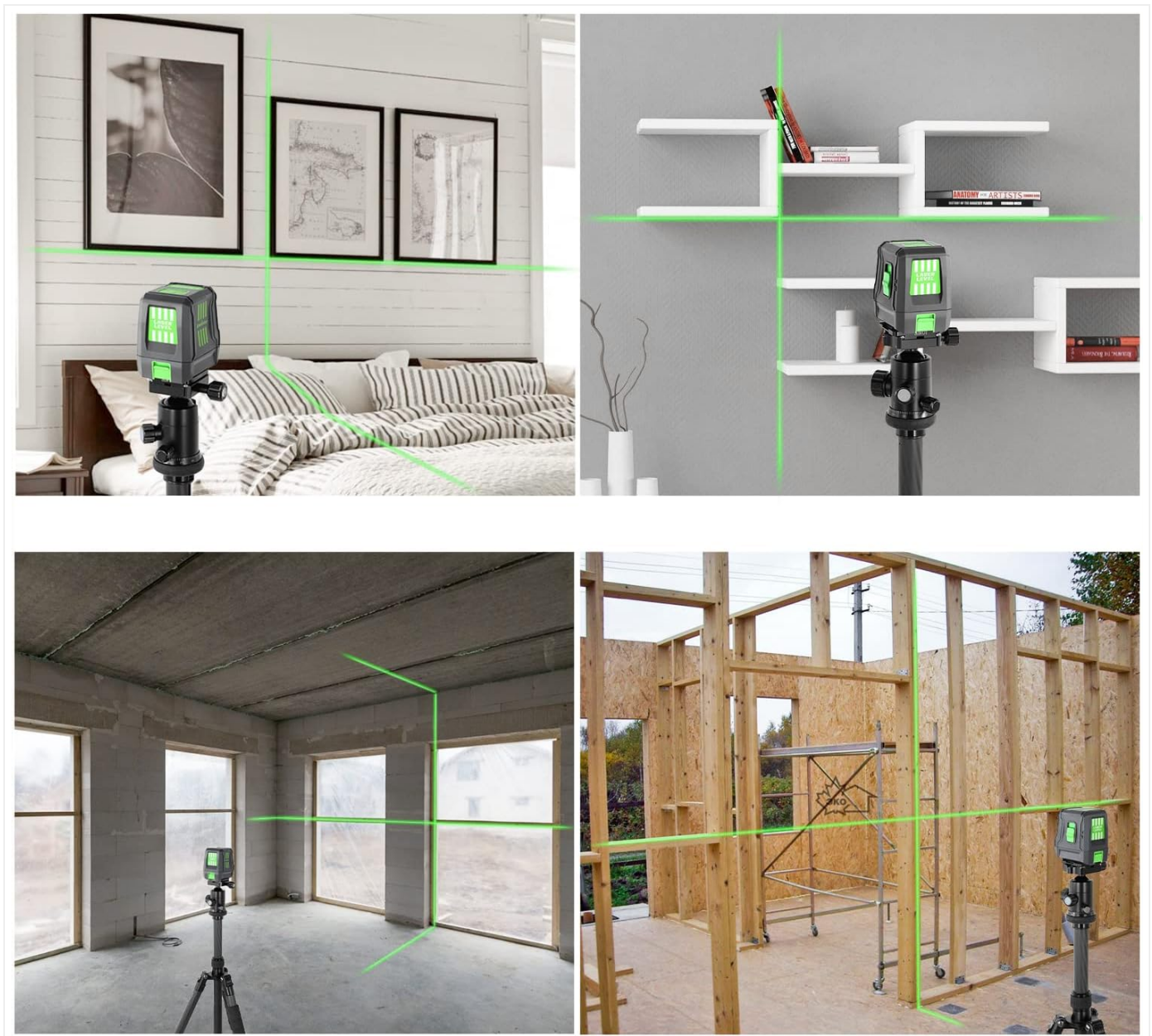


Figure 7.1: Examples of the laser level in use for home decoration and construction tasks.

8. MAINTENANCE

8.1 Cleaning

- Regularly clean the laser window and housing with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the device.
- Ensure the device is dry before storing.

8.2 Storage

- When not in use, store the laser level in its protective bag in a cool, dry place.
- Remove batteries if the device will not be used for an extended period to prevent leakage.
- Always store the device with the Lock/Unlock Switch in the **locked** position to protect the pendulum mechanism.

8.3 Battery Replacement

When the laser lines dim or the device fails to power on, replace the AA batteries as described in Section 5.1.

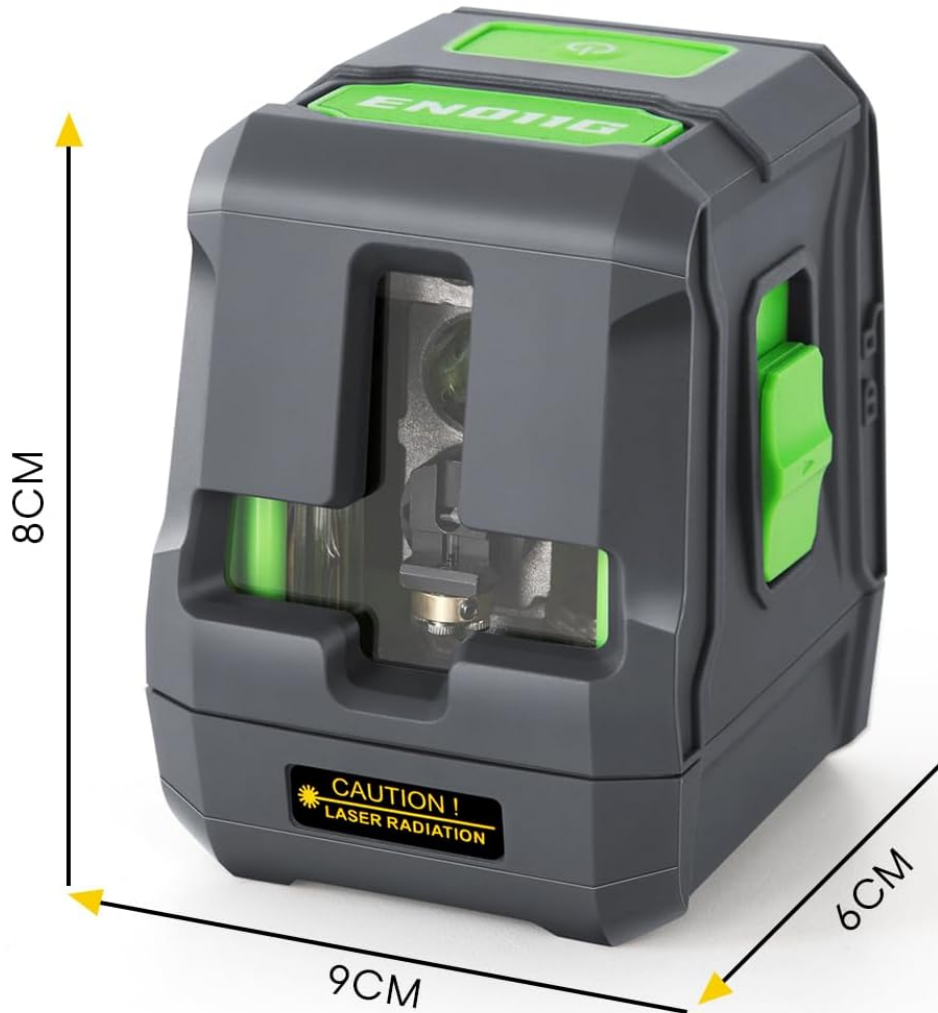
9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are dim or not visible.	Low batteries.	Replace the AA batteries.
Laser lines are flashing rapidly in self-leveling mode.	Device is out of self-leveling range (incline > 4°).	Adjust the position of the laser level to a more level surface.
Laser lines are flashing every 5 seconds.	Device is in manual mode.	This is normal behavior for manual mode. If self-leveling is desired, switch to unlocked position.
Device does not power on.	Batteries are dead or incorrectly installed.	Check battery polarity or replace batteries.

10. SPECIFICATIONS

Feature	Detail
Model Number	EN011G
Laser Color	Green
Laser Type	Cross Line
Working Range	Up to 25 meters
Accuracy	± 3 mm at 10 meters
Self-Leveling Range	± 4°
Self-Leveling Time	3 seconds
Power Source	2 x AA Batteries
Continuous Working Time	Up to 4 hours
IP Rating	IP54 (Dustproof, Splashproof)
Mounting Thread	1/4"-20
Dimensions (L x W x H)	9.6 x 4.5 x 8.5 cm
Weight	460 grams
Material	Acrylonitrile Butadiene Styrene

PRODUCT SIZE



SIZE 9*6*8CM

WEIGHT 459G

Figure 10.1: Detailed product size and weight information.



Figure 10.2: Visual representation of the laser level's IP54 rating, highlighting its waterproof, dustproof, and shock-resistant properties.

11. VIDEO GUIDE

Watch the official product video for a visual demonstration of the ENVENTOR Green Cross Line Laser Level's features and operation.

Your browser does not support the video tag.

Video 11.1: Official product video demonstrating the features and usage of the ENVENTOR Green Cross Line Laser Level.

12. WARRANTY AND SUPPORT

12.1 Warranty Information

ENVENTOR products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or the seller's website for

specific warranty terms and duration. Keep your purchase receipt as proof of purchase.

12.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact ENVENTOR customer support through the retailer where you purchased the product or visit the official ENVENTOR website for contact details. When contacting support, please have your product model number (EN011G) and purchase information ready.

